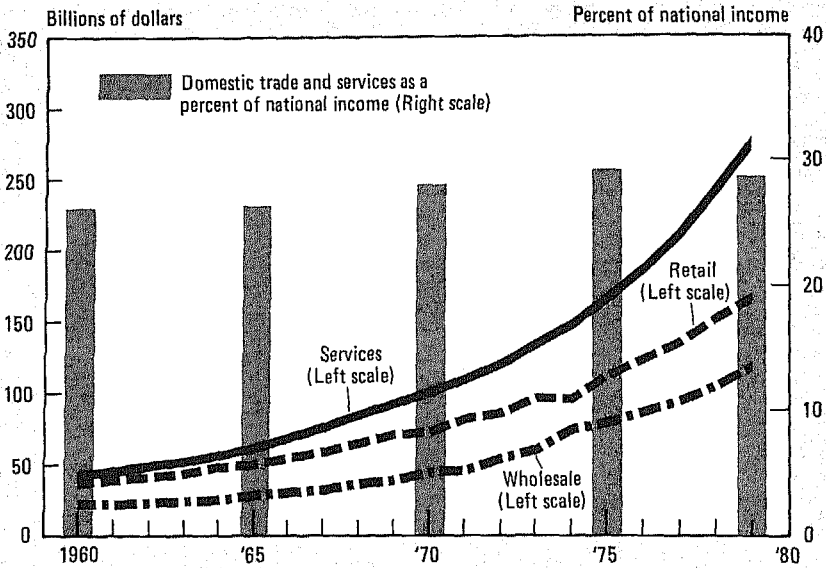
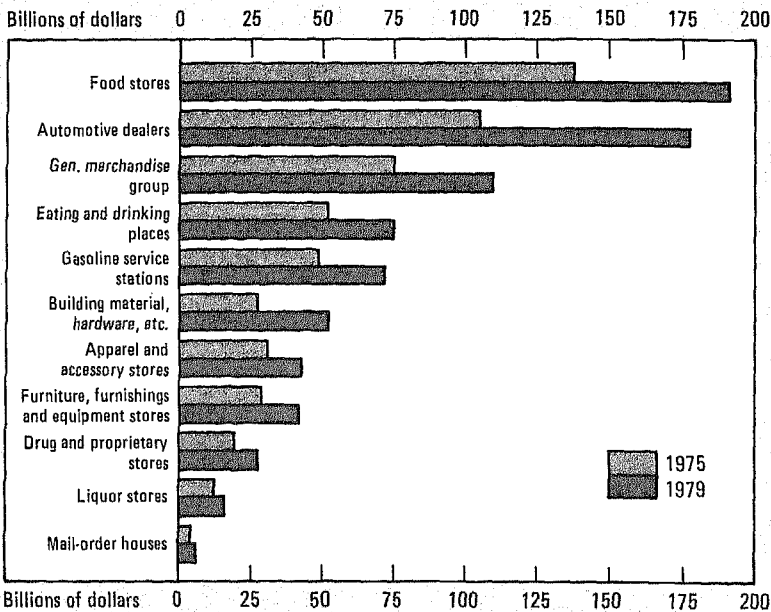


Figure 30.1
National Income Originating in Domestic Trade and Services:
1960 to 1979



Source: Chart prepared by U.S. Bureau of the Census. For data, see table 1489.

Figure 30.2
Retail Sales, by Kind of Business: 1975 and 1979



Source: Chart prepared by U.S. Bureau of the Census. For data, see table 1493.

Domestic Trade and Services

This section presents statistics relating to the distributive trades and service industries. Data shown for the trades, classified by kind of business, and for the various categories of services (e.g., personal, business, repair, hotel) cover sales or receipts, establishments, employees, payrolls, and other items. Also included are data for franchised businesses.

The principal sources of these data are census reports and survey reports of the Bureau of the Census. Data on national income originating in trade and services appear in the monthly *Survey of Current Business*, issued by the Bureau of Economic Analysis. Financial data for firms engaged in retail, wholesale, or service activities appear in the annual *Statistics of Income*, published by the Internal Revenue Service.

Censuses.—Censuses of retail trade, wholesale trade, and the service industries have been taken at various intervals since 1929. Beginning with the 1967 Census, legislation provides for a census to be conducted every 5 years (for years ending in "2" and "7").

The establishments covered in the censuses and surveys of business are classified into 3 groups as defined in the *Standard Industrial Classification Manual, 1972* (see text, page 392). *Retail trade* refers to places of business primarily engaged in selling merchandise for personal or household consumption; *wholesale trade*, to establishments primarily engaged in selling goods to dealers and distributors for resale or to purchasers who buy for business and farm uses; and *services*, to establishments primarily engaged in providing a wide range of services for individuals and for business.

Prior to 1977, the censuses excluded health services (except dental laboratories), educational services, social services, membership organizations, and others performing a professional or scientific service (except engineering, architectural, and surveying services). These were covered in the 1977 Census of Service Industries. In addition, in 1977, the distinction between taxable and tax exempt establishments was made for all service industries. Table 1519 provides data for 1977 for all tax-exempt establishments with payroll in the service industry, by kind of operation. Table 1520 presents data on taxable establishments in industries covered for the first time in the 1977 Census. (See footnote 4, table 1516, for industries which for the first time in 1977, are divided between taxable and tax-exempt establishments.) For comparability, other tables presented are for only those service industries covered in the 1972 Census of Selected Services. Still excluded in the censuses are religious organizations, public utilities, and Government-operated enterprises except wholesale and retail liquor operations.

Data from the 1958 Census exclude retail and service nonemployer establishments which had receipts of less than \$2,500 and \$1,000, respectively. Beginning with the 1963 Census, nonemployer establishments which did not operate the entire year were included if, during the period they operated, their receipts were at a rate which would have reached the annual totals specified had they operated the entire year. Wholesale trade establishments with no paid employment are excluded. Beginning in 1977, nonemployer direct sellers were excluded in the Census of Retail Trade. Also beginning in 1977, these censuses excluded sales taxes and finance charges in their report of sales (or receipts) figures.

Current surveys.—Current sample surveys conducted by the Bureau of the Census cover various aspects of the retail and wholesale trades and selected service industries. Its *Monthly Retail Trade Report* contains monthly estimates of sales, inventories, and of retail organizations operating 11 or more stores (see table 1495), for the United States, by kind of business. In addition, monthly retail sales data for census regions and divisions, 19 large States, and 28 large standard metropolitan statistical areas are included, as well as data on the number of department stores and the monthly sales of these stores in 243 selected areas; these data are subsequently republished in *Monthly Department Store Sales in Selected Areas*. Annual figures on sales, sales-stock ratios, merchandise purchases, and yearend inventories and accounts-receivable balances, by kind of business, appear in the *Annual Retail Trade Report*.

Statistics from the Bureau's monthly wholesale trade survey include national estimates of merchant wholesalers' sales, inventories, and stock-sales ratios by kind of business, as well as sales and inventory trends by kind of business and by geographic divisions. Monthly sales estimates are also shown by geographic divisions for the summary groups—durable and non-durable goods wholesalers and all wholesalers combined. These data, based on reports submitted by a sample of firms, appear in the *Monthly Wholesale Trade Report*.

The *Monthly Selected Services Receipts Report* provides monthly estimates of receipts for major kind-of-business groups and kind-of-business categories for the United States as a whole.

For the current sample survey programs, retail trade coverage is the same as for the census; wholesale trade coverage is limited to merchant wholesalers; and selected services coverage is less inclusive than the census.

Estimates obtained from annual and monthly surveys are based on sample data and are not expected to agree exactly with results that would be obtained from a complete census of all establishments. Data include estimates for establishments not reporting.

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. 1489. NATIONAL INCOME ORIGINATING IN DOMESTIC TRADE AND SERVICE INDUSTRIES: 1950 TO 1979

[In billions of dollars, except percent. Prior to 1960, excludes Alaska and Hawaii. Data unadjusted for capital consumption and represent net value added at factor costs. Data based on 1972 Standard Industrial Classification. See *Historical Statistics, Colonial Times to 1970*, series T 1-14, for single-year data prior to minor revisions issued in 1977]

INDUSTRY	1950	1955	1960	1965	1970	1974	1975	1976	1977	1978	1979
National income, total	242.8	333.3	418.0	565.4	804.4	1,152.1	1,244.6	1,394.5	1,561.7	1,766.8	1,978.6
Wholesale and retail trade ...	41.0	52.3	64.7	84.7	122.2	175.0	194.2	214.9	234.5	261.8	290.8
Percent of total national income.....	16.9	15.7	15.5	15.0	15.2	15.2	15.6	15.4	15.0	14.8	14.7
Wholesale trade	14.2	18.9	24.7	31.9	46.9	76.6	80.6	89.1	96.0	107.0	121.1
Retail trade.....	26.8	33.4	40.1	52.8	75.3	98.3	113.7	125.8	138.4	154.8	169.6
Services.....	21.7	31.1	44.6	64.1	103.3	150.2	168.5	188.8	213.4	245.2	277.9
Percent of total national income.....	8.9	9.3	10.7	11.3	12.8	13.0	13.5	13.5	13.7	13.9	14.0
Hotels and other lodging places.....	1.4	1.7	2.0	2.8	4.4	6.2	7.0	8.0	8.7	10.4	(NA)
Personal services.....	3.0	3.7	4.6	5.9	7.4	8.1	8.3	9.1	10.1	11.3	(NA)
Miscellaneous business services.....	1.8	3.1	5.4	8.9	15.0	22.0	23.9	27.6	32.0	38.3	(NA)
Auto repair, services, and garages.....	.9	1.2	1.7	2.4	3.6	5.4	5.9	6.7	7.9	9.5	(NA)
Miscellaneous repair services.....	.7	.9	1.1	1.5	2.1	3.3	3.5	3.8	4.4	5.2	(NA)
Motion pictures.....	.9	1.0	.9	1.2	1.6	1.7	1.8	2.5	2.8	3.3	(NA)
Amusement and recreation services.....	.8	1.1	1.7	2.2	3.3	4.6	5.3	5.9	6.8	8.0	(NA)
Medical and other health services.....	4.4	7.1	10.6	15.8	29.4	46.3	54.1	60.9	68.6	77.8	(NA)
Legal services.....	1.3	1.9	2.7	4.2	6.7	10.7	11.8	12.6	14.4	16.2	(NA)
Educational services.....	1.0	1.3	2.2	3.7	5.9	8.7	10.0	11.4	12.4	13.8	(NA)
Nonprofit membership organization ¹	1.9	2.8	4.5	6.4	10.0	14.2	16.0	17.4	19.1	21.3	(NA)
Miscellaneous professional services.....	1.2	2.2	3.4	5.2	8.7	13.5	15.0	16.6	19.3	22.7	(NA)
Private households.....	2.6	3.1	3.8	4.0	5.1	5.6	5.8	6.4	6.8	7.5	(NA)

NA Not available. ¹ Includes social services.

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. 1490. PERSONS IN DOMESTIC TRADE AND SERVICE INDUSTRIES: 1950 TO 1978

[In thousands. Prior to 1960, excludes Alaska and Hawaii. Data represent worker years of full-time equivalent employment by persons working for wages or salaries and by active partners and proprietors of unincorporated businesses. Based on 1972 Standard Industrial Classification. See *Historical Statistics, Colonial Times to 1970*, series T 15-28, for single year data prior to minor revisions issued in 1977]

INDUSTRY	1950	1955	1960	1965	1970	1974	1975	1976	1977	1978
Wholesale and retail	10,764	11,714	12,429	13,109	14,757	16,314	16,230	16,800	17,518	18,430
Wholesale trade.....	2,814	3,157	3,410	3,633	4,105	4,579	4,482	4,647	4,785	5,012
Retail trade.....	7,950	8,557	9,019	9,476	10,652	11,735	11,748	12,153	12,733	13,418
Services	7,893	8,352	9,767	11,248	13,439	15,243	15,289	15,917	16,789	17,639
Hotels and other lodging.....	605	632	688	829	993	1,098	1,097	1,100	1,161	1,186
Personal services.....	1,207	1,165	1,221	1,341	1,349	1,197	1,164	1,191	1,223	1,253
Misc. business services.....	394	540	815	1,155	1,655	2,067	2,024	2,144	2,317	2,579
Auto repair, services, garages.....	310	308	385	440	494	583	598	635	674	728
Misc. repair services.....	248	252	262	292	312	383	388	390	412	426
Motion pictures.....	224	192	162	159	180	206	211	217	231	238
Amusement, recreational services.....	282	272	308	340	397	509	508	541	569	605
Medical, other health services.....	1,217	1,448	1,763	2,101	2,870	3,767	3,999	4,181	4,470	4,646
Legal services.....	234	248	297	330	385	448	465	498	541	575
Educational services.....	473	504	621	792	907	971	1,027	1,059	1,091	1,126
Nonprofit member organizations ¹	728	876	1,206	1,465	1,750	1,961	1,978	2,050	2,083	2,167
Misc. professional services.....	261	367	442	528	735	926	904	951	1,019	1,120
Private households.....	1,710	1,546	1,597	1,476	1,412	1,127	926	960	998	990

¹ Includes social services.

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

NO. 1491. RETAIL TRADE—SUMMARY: 1948 TO 1977

[Prior to 1958 and as noted, excludes Alaska and Hawaii. 1972 and 1977 not strictly comparable with prior years due to changes in Standard Industrial Classification; for details, see source. See also *Historical Statistics, Colonial Times to 1970*, series T 43-47 and T 79-91]

ITEM	Unit	1948	1954	1958	1963	1967	1972	1977
Firms, total.....	1,000.....	(NA)	(NA)	(NA)	1,532	1,577	1,665	1,567
Multunit establishments ¹	1,000.....	163	167	² 183	220	220	291	332
Establishments, total.....	1,000.....	1,770	1,722	1,795	1,708	1,763	1,780	1,855
With payroll.....	1,000.....	1,119	1,124	1,185	1,206	1,192	1,265	1,304
With sales of \$1,000,000 or more.....	1,000.....	(NA)	(NA)	(NA)	(NA)	(NA)	74	118
Consumer price index: ³								
All items.....	1972=100.....	57.5	64.2	69.1	73.2	79.8	100.0	155.9
All commodities.....	1972=100.....	66.5	71.1	74.9	77.4	82.7	100.0	154.8
Sales.....	Bil. dol.....	130.5	170.0	200.4	244.2	310.2	457.4	723.1
By establishments with payroll.....	Bil. dol.....	118.4	157.9	187.8	233.1	295.2	440.2	699.6
By multunit establishments ¹	Bil. dol.....	38.7	51.2	² 67.2	89.5	123.5	201.8	340.7
Percent of total sales.....	Percent.....	29.6	30.1	33.5	36.6	39.8	44.0	47.1
Percent of multunit sales by 101-or-more establishment multunits ¹	Percent.....	41.6	41.8	42.4	43.1	46.7	55.8	55.8
In 1972 dollars ⁴	Bil. dol.....	201.6	245.4	270.7	311.1	370.6	459.0	513.3
Percent of sales by corporations.....	Percent.....	46.9	48.4	53.0	61.9	67.4	76.4	79.8
Per capita sales: ⁵								
Current dollars.....	Dollars.....	893	1,050	1,151	1,296	1,571	2,204	3,342
Constant (1972) dollars ⁴	Dollars.....	1,380	1,516	1,554	1,651	1,877	2,204	2,372
Sales as percent of personal income.....	Percent.....	62.1	58.6	² 55.5	52.5	49.3	48.9	47.6
Sales, inside SMSA's ⁶	Bil. dol.....	80.9	(NA)	² 133.0	169.8	221.4	(NA)	551.8
Percent of total sales.....	Percent.....	62.0	(NA)	68.4	69.5	71.4	(NA)	76.3
Percent of SMSA sales in central cities.....	Percent.....	71.4	(NA)	64.0	57.2	55.0	(NA)	(NA)
Payroll, entire year.....	Bil. dol.....	13.6	18.2	21.7	27.6	36.2	55.4	85.9
Percent of sales.....	Percent.....	10.4	11.5	² 11.5	11.3	11.7	12.1	11.9
Average weekly wage.....	Dollars.....	(NA)	50	52	66	74	95	127
Paid employees, March 12 workweek ⁷	1,000.....	6,918	7,124	7,942	8,410	9,381	11,211	13,040
Active proprietors of unincorporated businesses.....	1,000.....	1,742	1,766	1,825	1,546	1,624	(NA)	(NA)

NA Not available. ¹ Establishments operated by firms which operate at two or more locations. ² Excludes Alaska and Hawaii. ³ Source: U.S. Bureau of Labor Statistics, *Monthly Labor Review*. ⁴ Source: U.S. Bureau of Economic Analysis. ⁵ Based on estimated resident population as of July 1. ⁶ For definition of SMSA, see Appendix II. ⁷ 1948-1963 data for week including November 15.

Source: Except as noted, U.S. Bureau of the Census, *U.S. Census of Business: 1948*, vol. I; *1954*, vol. I; *1958*, vol. I; *1963*, vol. I; *1967*, vol. I; and *Census of Retail Trade, 1972*, RC 72-S-1 and 1977, RC-77-52.

NO. 1492. RETAIL TRADE SALES—SUMMARY: 1967 TO 1980

[Data reflect use of a sample based on definition and classifications according to the 1972 Census of Retail Trade and are adjusted for methodological revision effective in August 1977. Monthly data adjusted for seasonal variation and trading day differences. Based on Current Business Survey, see Appendix III. Minus sign (–) denotes decrease. See also *Historical Statistics, Colonial Times to 1970*, series T 197, 245, 246, and 255]

YEAR	CURRENT DOLLARS						CONSTANT (1972) DOLLARS ²			
	Total sales (bil. dol.)	Per cap- ita ¹ (dol.)	Annual per- cent change	Index of sales (1972= 100)	Dura- ble goods (bil. dol.)	Nondurable goods (bil. dol.)		Total sales (bil. dol.)	Per cap- ita ¹ (dol.)	Annual per- cent change
						Total	Dept. stores			
1967	293.0	1,484	(³)	65.2	88.7	204.2	31.1	(NA)	(NA)	(³)
1968	324.4	1,627	10.7	72.2	101.7	222.7	34.6	371.8	1,854	(NA)
1969	346.7	1,722	6.9	77.2	108.6	238.1	37.0	382.8	1,901	3.0
1970	368.4	1,808	6.3	82.0	109.2	259.2	38.5	391.8	1,922	2.4
1971	406.2	1,970	10.3	90.4	128.8	277.4	43.1	417.0	2,022	6.4
1972	449.1	2,157	10.6	100.0	148.4	300.6	47.3	447.7	2,150	7.4
1973	509.5	2,428	13.4	113.4	172.9	336.6	52.6	478.9	2,282	7.0
1974	541.0	2,559	6.2	120.5	169.4	371.6	55.4	457.0	2,162	-4.6
1975	588.2	2,761	8.7	131.0	183.0	405.2	59.4	459.5	2,157	.5
1976	657.4	3,062	11.8	146.4	217.8	439.6	65.7	488.1	2,274	6.2
1977	725.2	3,351	10.3	161.5	248.7	476.5	73.6	512.4	2,368	5.0
1978	800.9	3,673	10.4	178.3	281.5	519.4	81.9	531.8	2,437	3.8
1979	886.0	4,025	10.6	197.3	308.2	577.9	89.1	537.6	2,444	1.1
1980, Jan.-June	459.2	2,073	⁴ 7.1	(X)	146.4	312.8	45.9	258.4	1,166	⁴ -3.5

NA Not available. X Not applicable. ¹ Based on Bureau of the Census estimates of resident population as of July 1, except 1980, as of March 1. ² Source: Bureau of Economic Analysis. ³ 1966 data not comparable with 1967. ⁴ Change from Jan.-June, 1979.

Source: Except as noted, U.S. Bureau of the Census, *Current Business Reports*, series BR, *Monthly Retail Trade*. Monthly data in U.S. Bureau of Economic Analysis, *Survey of Current Business* and *Business Conditions Digest*, both monthly.

NO. 1493. RETAIL TRADE—SALES, BY KIND OF BUSINESS: 1967 TO 1980

[In billions of dollars. Based on 1972 Standard Industrial Classification. Data reflect methodological revision effective Aug. 1977. Based on Current Business Survey, see Appendix III. See also *Historical Statistics, Colonial Times to 1970*, series T 245-271]

KIND OF BUSINESS	1967	1970	1972	1973	1974	1975	1976	1977	1978	1979	1980, Jan.-June ¹
Retail trade, total.....	293.0	368.4	449.1	509.5	541.0	586.2	657.4	725.2	800.9	886.0	459.2
Durable goods stores, total ².....	88.7	109.2	149.4	172.9	169.4	183.0	217.8	248.7	281.5	308.2	146.4
Automotive dealers.....	53.6	62.6	88.5	103.3	96.5	108.5	129.8	150.0	168.0	177.7	81.1
Motor veh., misc. automotive dealers.....	49.7	58.9	81.1	94.8	87.5	96.9	118.9	137.1	153.9	161.3	72.1
Auto and home supply stores.....	4.2	5.6	7.4	8.6	9.0	9.9	10.9	12.9	14.1	16.4	9.0
Furniture, home furnishings, equip. ²	14.2	17.7	22.0	24.3	26.0	26.9	30.0	33.2	36.7	41.9	21.2
Furniture, home furnishings stores.....	8.3	10.6	13.7	15.2	16.3	16.2	18.0	20.3	23.2	26.7	13.3
Household appliance, radio, TV.....	5.0	6.0	6.8	7.4	7.6	8.3	9.2	10.0	10.5	12.1	6.2
Building materials, hardware, garden supply, mobile home dealers ²	13.3	17.6	23.3	26.9	27.0	27.0	33.0	38.9	45.9	52.2	24.8
Building materials, supply stores.....	9.0	11.2	15.0	17.2	17.8	17.9	22.5	27.1	31.6	35.1	16.6
Hardware stores.....	2.8	3.2	3.9	4.1	4.5	5.1	5.5	6.1	7.2	9.0	4.4
Nondurable goods stores, total ².....	204.2	259.2	300.7	336.6	371.6	405.2	439.6	476.5	519.4	577.9	312.8
Apparel and accessory stores ²	16.3	20.2	24.1	27.7	28.9	31.3	33.7	35.6	39.4	43.0	22.3
Men's, boys' clothing, furnishings.....	3.4	4.4	5.5	5.9	5.9	6.4	6.5	6.9	8.1	8.8	4.3
Women's clothing, specialty stores, furriers.....	6.4	7.7	9.2	10.6	11.2	12.4	13.4	13.5	14.8	15.8	8.2
Shoe stores.....	2.9	3.6	4.0	4.5	4.4	4.6	5.0	5.7	6.4	7.1	3.6
Drug stores and proprietary stores.....	10.8	13.8	15.3	17.0	18.4	19.9	21.6	23.2	24.8	27.2	14.8
Eating and drinking places.....	23.5	31.1	36.2	40.4	44.7	51.1	57.2	63.3	69.1	75.1	39.9
Food stores.....	69.4	88.7	99.0	111.4	126.0	138.4	148.0	157.9	172.0	191.3	102.8
Grocery stores.....	64.2	81.5	91.7	103.5	117.2	129.2	138.2	147.8	160.5	177.7	95.3
Gasoline service stations.....	22.6	29.2	33.4	37.0	43.0	47.6	52.0	56.5	59.3	71.9	44.6
General merchandise group stores ²	41.0	50.3	60.9	67.4	71.2	75.7	81.8	90.7	101.2	110.2	56.4
Department stores.....	31.1	38.5	47.3	52.6	55.4	59.4	65.7	73.8	81.9	89.1	45.9
Variety stores.....	5.3	6.6	7.2	7.4	7.7	8.0	7.2	7.1	7.4	7.9	4.1
Liquor stores.....	8.6	8.3	9.7	10.2	11.0	11.8	12.4	13.0	13.8	15.6	8.5
Mail-order houses (department store merchandise) ³	2.7	3.5	4.3	5.0	5.4	5.6	6.1	6.8	7.1	5.3	2.5

¹ Adjusted for seasonal variation. ² Includes kinds of business not shown separately. ³ Includes sales made by mail-order catalog desks in department stores of mail-order firms.

Source: U.S. Bureau of the Census, *Current Business Reports*, series BR, *Monthly Retail Trade*.

NO. 1494. RETAIL TRADE—SALES, BY GEOGRAPHIC DIVISION AND FOR SELECTED STATES: 1978 TO 1980

[For composition of divisions, see fig. 1, inside front cover. Data reflect methodological revision effective Aug. 1977. Based on Current Business Survey, see Appendix III]

GEOGRAPHIC DIVISION AND STATE	1978, total (bil. dol.)	1979		1980, Jan.- June ²		STATE	1978, total (bil. dol.)	1979		1980, Jan.-June	
		Total (bil. dol.)	Per cap- ita ¹ (dol.)	Total (bil. dol.)	Per cent change ³			Total (bil. dol.)	Per cap- ita ¹ (dol.)	Total (bil. dol.)	Per cent change ³
Total	800.9	886.0	4,025	442.4	6.6	La.....	13.0	14.8	3,683	7.5	8.7
New England.....	42.5	46.5	3,783	23.1	7.4	Md.....	16.5	17.3	4,171	8.8	8.6
Mid-Atlantic.....	123.2	134.3	3,658	68.3	7.6	Mass.....	20.7	22.4	3,883	11.5	11.7
E. So. Central.....	157.9	168.7	4,086	80.2	.6	Mich.....	36.1	39.4	4,279	18.7	-5
W. So. Central.....	63.8	70.8	4,136	33.7	2.7	Minn.....	15.3	17.1	4,212	8.2	3.8
So. Atlantic.....	127.2	140.9	4,028	72.6	9.7	Mo.....	18.2	20.3	4,171	9.6	2.1
E. So. Central.....	47.0	51.0	3,616	24.6	3.4	N.J.....	27.3	29.7	4,051	14.8	3.5
W. So. Central.....	82.4	94.9	4,223	49.5	13.5	N.Y.....	55.2	60.3	3,417	31.6	11.3
Mountain.....	40.0	45.2	4,235	22.7	6.1	N.C.....	18.2	20.0	3,568	9.9	6.5
Pacific.....	116.7	133.7	4,388	67.7	8.5	Ohio.....	40.0	42.6	3,970	20.5	2.5
Calif.....	86.6	100.0	4,406	50.7	8.6	Pa.....	40.6	44.2	3,768	21.9	5.3
Fla.....	36.3	41.9	4,729	22.3	11.5	Tenn.....	15.2	16.5	3,767	7.9	1.3
Ill.....	44.6	47.1	4,194	22.3	.5	Texas.....	52.8	61.2	4,574	32.2	14.6
Ind.....	20.3	21.5	3,981	9.8	-3.9	Va.....	18.4	20.6	3,964	10.8	13.7
						Wis.....	16.9	18.1	3,835	8.9	4.7

¹ Based on resident population estimates as of July 1. ² From Jan.-June 1979. ³ Unadjusted for seasonal variation.

NO. 1495. RETAIL TRADE—SALES OF MULTIUNIT ORGANIZATIONS: 1970 TO 1979

[In billions of dollars. Data based on sales of organizations operating 11 or more retail stores (beginning 1977, those meeting certain sales criteria). Data for 1970-1976 are not comparable with 1977-1979 due to sample revision. For details, see source. See also *Historical Statistics, Colonial Times to 1970*, series T 197-219]

KIND OF BUSINESS	1970	1972	1973	1974	1975	1976	1977	1978	1979
Total sales	117.2	137.7	154.5	169.4	183.1	199.6	244.1	270.6	296.6
Durable goods stores	8.6	9.1	9.6	9.9	10.3	11.6	17.3	20.5	22.6
Tire, battery, accessory dealers.....	1.8	2.1	2.2	2.2	2.3	2.3	2.6	3.1	3.3
Nondurable goods stores ¹	108.6	128.6	144.9	159.5	172.8	188.0	226.8	250.1	274.0
Food stores.....	44.1	49.8	55.9	63.4	69.3	74.4	84.1	92.7	102.5
Grocery stores.....	43.2	49.2	55.2	62.6	68.4	73.5	83.3	91.7	101.3
General merchandise group ¹	46.1	58.1	65.6	70.6	75.8	83.0	79.9	88.4	95.9
Department stores.....	31.9	41.1	46.4	49.8	54.2	60.7	68.4	76.9	83.9
Variety stores.....	5.4	5.9	6.6	7.0	7.4	6.6	5.8	5.8	6.3
Apparel and accessory stores ¹	5.5	6.1	6.6	6.4	6.8	7.0	11.8	13.2	14.3
Women's apparel, accessories.....	1.9	2.2	2.4	2.4	2.6	2.6	4.9	5.5	5.9
Shoe stores.....	1.5	1.7	1.9	1.7	1.8	1.7	2.8	3.1	3.4
Drug and proprietary stores.....	4.4	5.2	5.9	6.5	7.1	8.2	10.7	12.0	13.7

¹ Includes kinds of business not shown separately.

NO. 1496. DEPARTMENT STORES—SALES, INVENTORIES, AND ACCOUNTS RECEIVABLE: 1975 TO 1979

[Sales and inventories figures reflect revisions based on data derived from the 1977 Annual Retail Trade Report. Covers stores normally employing 25 or more persons and carrying a general line of apparel, hom furnishings, and housewares, with no one of the 3 categories accounting for as much as 80 percent of total sales]

ITEM	Unit	1975	1976	1977	1978	1979
Sales, total.....	Bil. dol.....	59.4	65.7	73.6	81.9	89.1
Percent department of all retail.....	Percent.....	10.1	10.0	10.1	10.2	10.1
Inventories (Dec. 31):						
Warehouse and stores.....	Bil. dol.....	9.1	10.1	11.9	13.2	14.3
Stores only.....	Bil. dol.....	(NA)	(NA)	9.5	10.2	(NA)
Sales-inventory ratio, stores only ¹	Ratio.....	(NA)	(NA)	7.8	8.1	(NA)
Accounts receivable (Dec. 31).....	Bil. dol.....	11.6	13.0	16.0	17.9	19.4
Charge accounts ²	Bil. dol.....	1.2	1.3	1.0	1.1	1.1
Installment accounts ³	Bil. dol.....	10.6	11.7	15.0	16.8	18.4

NA Not available. ¹ Ratio of annual sales to yearend inventories. ² Full payment is scheduled to be made at end of customary billing period. ³ Receivables scheduled to be paid in 2 or more payments.

Source of tables 1494-1496: U.S. Bureau of the Census, Current Business Reports, series BR, *Annual and Monthly Retail Trade*.

NO. 1497. RETAIL TRADE—MERCHANDISE INVENTORIES AND SALES-INVENTORY RATIOS: 1976 TO 1978

[As of Dec. 31. Based on Current Business Survey, see Appendix III]

KIND OF BUSINESS	INVENTORIES AT COST ¹ (bil. dol.)				SALES-INVENTORY RATIOS ³			
	Total ²			Retail stores only, 1978	Total ²			Retail stores only, 1978
	1976	1977	1978		1976	1977	1978	
Total	77.6	87.4	99.3	89.7	8.5	8.3	8.1	8.9
Total (excluding automotive group)	59.0	65.2	73.8	63.9	8.9	8.8	8.6	9.9
Durable goods stores ⁴	37.6	42.8	49.8	48.3	5.8	5.8	5.7	5.8
Bldg. materials, hardware, garden sup., mobile home dealers.....	6.2	7.2	8.3	7.7	5.3	5.4	5.5	5.9
Building materials, supply, hardware stores.....	5.3	6.0	6.7	6.3	5.3	5.5	5.8	6.2
Building materials and supply stores.....	3.8	4.4	4.9	4.6	5.9	6.2	6.4	6.9
Hardware stores.....	1.4	1.6	1.8	1.8	3.8	3.8	3.9	4.1
Automotive dealers.....	18.6	22.1	25.5	25.7	7.0	6.8	6.6	6.5
Motor vehicle and misc. automotive dealers.....	16.2	19.5	22.7	23.1	7.3	7.0	6.8	6.7
Motor vehicle dealers.....	14.6	17.6	20.3	20.8	7.6	7.3	7.1	6.9
Motor vehicle dealers (franchised).....	13.7	16.8	19.3	19.9	7.7	7.2	7.1	6.9
Automotive and home supply stores.....	2.4	2.6	2.8	2.7	4.6	4.9	5.0	5.3
Furniture, home furnishings, equipment stores ⁴	6.1	6.5	7.6	6.8	4.9	5.1	4.8	5.4
Furniture, home furnishings.....	3.5	3.8	4.6	4.1	5.1	5.3	5.1	5.6
Furniture stores.....	2.7	2.9	3.5	3.1	4.6	4.8	4.7	5.2
Household appliance, radio, TV.....	1.9	1.9	2.2	1.9	4.8	5.1	4.7	5.5
Household appliance stores.....	.9	.9	1.0	.9	4.6	5.2	5.2	5.9
Jewelry stores.....	(NA)	2.1	2.5	2.4	(NA)	2.6	2.5	2.6
Nondurable goods stores ⁴	40.0	44.6	49.5	41.4	11.0	10.7	10.5	12.5
General merchandise group stores.....	13.6	15.7	17.8	14.1	6.0	5.8	5.7	7.2
Dept. stores, misc. general merchandise stores.....	12.1	14.1	15.9	12.5	6.2	5.9	5.9	7.5
Department stores.....	10.1	11.9	13.2	10.2	6.5	6.2	6.2	8.1
Variety stores.....	1.6	1.6	1.9	1.6	4.6	4.4	4.0	4.6
Food stores.....	8.8	9.5	10.2	8.1	16.7	16.7	16.8	21.3
Grocery stores.....	8.5	9.1	9.8	7.7	16.3	16.2	16.4	20.9
Gasoline service stations.....	1.7	1.8	1.9	1.7	29.8	30.7	31.7	35.7
Apparel and accessory stores ⁴	6.2	7.3	8.3	7.9	5.4	4.8	4.7	5.0
Men's, boys' clothing, furnishings.....	1.4	1.7	2.1	2.0	4.5	4.0	3.9	4.1
Women's ready-to-wear stores.....	1.6	1.9	2.1	2.0	7.6	6.4	6.5	6.9
Family clothing stores.....	(NA)	1.7	1.8	1.7	(NA)	4.7	4.6	5.0
Shoe stores.....	1.4	1.4	1.7	1.6	3.7	4.0	3.7	4.1
Eating and drinking places.....	1.4	1.5	1.8	1.7	40.4	42.0	37.5	41.4
Drug and proprietary stores.....	3.5	3.8	4.2	3.7	6.1	6.1	5.9	6.7
Liquor stores.....	1.3	1.4	1.5	1.3	9.4	9.3	9.2	10.3
Mail order houses (dept. store merchandise).....	.9	1.0	1.1	.8	7.2	6.5	6.7	9.1

NA Not available. ¹ Excludes supplies and equipment used in store and warehouse operations that are not for resale.
² Includes warehouses. ³ Relates annual sales to yearend inventories. ⁴ Includes kinds of business not shown separately.

Source: U.S. Bureau of the Census, *Current Business Reports*, series BR, *Annual Retail Trade Report*.

NO. 1498. RETAIL GASOLINE SERVICE STATIONS—NUMBER AND SALES: 1975 TO 1980

[Based on sample surveys. For details, see source]

ITEM	Unit	1975	1976	1977	1978	1979	1980	PERCENT DISTRIBUTION	
								1975	1980
Number of stations (as of July)	1,000	190.3	182.2	178.6	177.8	163.2	160.7	100.0	100.0
Branded independent ¹	1,000.....	163.5	154.0	149.3	146.6	137.0	132.2	85.9	83.4
Nonbranded independent ²	1,000.....	10.7	10.9	12.9	15.6	11.9	14.9	5.6	7.9
Refiner/marketer ³	1,000.....	16.1	17.3	16.4	15.6	14.3	13.6	8.5	8.7
Total sales ⁴	Bil. dol.	47.6	52.0	56.5	59.3	71.9	54.6	(x)	(x)
Gasoline sales.....	Bil. gal.....	76.2	78.0	82.9	82.2	73.5	^a 33.9	100.0	100.0
Branded independent ¹	Bil. gal.....	57.2	56.2	58.9	57.7	51.2	^b 23.4	75.0	69.1
Nonbranded independent ²	Bil. gal.....	7.8	8.5	9.8	9.7	8.4	^c 4.1	10.2	11.8
Refiner/marketer ³	Bil. gal.....	11.3	13.2	14.3	14.8	13.8	^d 6.4	14.8	19.1

X Not applicable. ¹ Marketer engaged in marketing or distribution pursuant to (a) an agreement or contract with a refiner to use a trademark, trade name, or other identifying symbol or name owned by the refiner or (b) an agreement or contract under which the marketer is granted the authority to occupy premises owned, leased, or in any way controlled by the refiner. ² Marketer engaged in marketing or distribution but which is not (a) a refiner; (b) controlled by, or controls, or is under common control with, or is affiliated with a refiner; (c) a branded independent marketer. ³ An outlet selling to ultimate consumers which is operated by salaried or commissioned personnel of a refiner and/or involves personnel services contracted by the refiner. ⁴ Source: U.S. Bureau of the Census, *Current Business Reports*, series BR, *Monthly Retail Trade*. ^a January-June.

Source: Except as noted, U.S. Energy Information Administration, *Petroleum Market Shares*, monthly.

NO. 1499. RETAIL TRADE—SIZE OF ESTABLISHMENT AND LEGAL FORM OF ORGANIZATION: 1972 AND 1977

[See also *Historical Statistics, Colonial Times to 1970*, series T 43-57]

ITEM	1972				1977			
	Estab- lish- ments ¹ (1,000)	Total sales ² (bil. dol.)	Pay- roll ³ (bil. dol.)	Paid employ- ees ⁴ (1,000)	Estab- lish- ments ¹ (1,000)	Total sales ² (bil. dol.)	Pay- roll ³ (bil. dol.)	Paid employ- ees ⁴ (1,000)
All establishments.....	1,913	459.0	55.4	11,211	1,855	723.1	85.9	13,040
Operated entire year.....	1,710	427.6	51.8	10,459	1,582	683.3	81.2	12,116
Annual sales of: Less than \$49,999.....	704	14.0	1.1	428	475	10.1	.8	240
\$50,000-\$99,999.....	304	22.0	2.6	788	246	17.7	2.2	549
\$100,000-\$299,999.....	450	77.7	10.2	2,542	443	80.9	11.3	2,256
\$300,000-\$499,999.....	106	40.5	5.8	1,261	171	65.9	9.0	1,593
\$500,000-\$999,999.....	71	48.8	6.7	1,304	127	87.6	12.0	1,988
\$1,000,000 or more.....	74	224.6	25.4	4,136	119	421.2	45.8	5,490
Paid employees: ⁴ Less than 3 ⁵	975	47.7	2.6	504	776	53.1	2.9	445
3 to 9.....	479	88.0	10.8	2,417	512	142.4	16.4	2,612
10 to 19.....	144	65.7	9.0	1,920	159	103.9	13.6	2,119
20 or more.....	112	226.2	29.4	5,617	136	384.0	48.3	6,939
Single units operated.....	1,621	^a 245.2	^a 27.8	^a 5,606	1,523	^a 369.3	^a 41.6	^a 6,238
Multifunits.....	291	^a 201.8	^a 26.3	^a 5,206	332	^a 340.7	^a 43.0	^a 6,345
Corporation.....	566	343.1	45.0	8,319	695	576.9	72.8	10,195
All other legal forms.....	1,346	115.9	10.4	2,892	1,160	146.3	13.1	2,845

¹ Includes nonemployer direct sellers in 1972 but not in 1977. ² Includes sales taxes and finance charges in 1972 but not in 1977. ³ For entire year. ⁴ Pay period including Mar. 12. ⁵ Includes no paid employees. ⁶ Establishments in business at end of year.

Source: U.S. Bureau of the Census, *Census of Retail Trade*, 1972, vol. I and 1977, RC 77-S-1.

NO. 1500. RETAIL TRADE—SALES BY BROAD MERCHANDISE LINES: 1972 AND 1977

[For establishments with payroll. For details on restructuring of merchandise lines between 1972 and 1977, see source]

MERCHANDISE LINES	1972			1977			
	Estab- lish- ments (1,000)	Sales ¹ (mil. dol.)	Per- cent of sales	Estab- lish- ments (1,000)	Sales of specified merchandise lines ¹		
					Total ¹ (mil. dol.)	As percent of total sales	All estab- lish- ments
Retail trade, total.....	^a 1,265	440,222	100.0	^a 1,304	699,635	(x)	100.0
Groceries and other food.....	255	86,391	19.6	271	137,506	51.8	19.7
Meals and snacks.....	303	29,297	6.7	341	54,735	37.1	7.8
Alcoholic drinks.....	131	7,306	1.7	138	9,998	31.9	1.4
Packaged alcoholic beverages.....	113	11,286	2.6	136	16,164	15.9	2.3
Cigars, cigarettes, and tobacco.....	225	6,110	1.4	231	8,475	4.6	1.2
Drugs.....	273	15,655	3.5	110	12,438	11.3	1.8
Health and beauty aids.....	97	14,995	3.4	106	11,325	5.4	1.6
Men's, boys' clothing, excluding footwear.....	131	25,933	5.9	139	22,740	17.3	3.3
Women's, girls' wear, excluding footwear.....	94	7,673	1.7	98	10,650	26.3	5.2
Footwear, exc. infants, toddlers.....	83	8,164	1.9	82	10,011	8.9	1.5
Curtains, draperies, and dry goods.....	77	7,339	1.7	72	9,179	8.6	1.4
Major household appliances.....	117	6,039	1.4	137	9,881	9.5	1.3
Kitchenware and home furnishings.....	100	8,176	1.9	82	2,849	6.0	1.4
Small electrical appliances.....	69	10,252	2.3	55	4,128	2.3	.4
Televisions.....	63	3,947	.9	89	5,191	5.0	.6
Audio equip., musical inst., supplies.....	69	10,252	2.3	72	14,685	7.8	1.3
Furniture and sleep equipment.....	63	3,947	.9	66	5,770	14.6	2.1
Floor coverings.....	95	4,979	1.1	111	8,151	6.0	.8
Jewelry.....	21	1,361	.3	21	1,361	6.4	1.2
Optical goods.....	80	9,451	2.1	80	9,451	3.1	.2
Sporting goods.....	75	7,244	1.6	13	3,234	8.7	1.4
Recreational vehicles.....	89	4,576	1.0	94	8,555	8.9	.5
Hardware and tools.....	80	3,959	.9	99	7,217	7.2	1.2
Lawn and garden equip., supplies.....	78	15,723	3.6	80	26,766	6.5	1.0
Lumber and building materials.....	53	66,486	15.1	56	112,285	26.2	3.8
Cars, trucks, powered vehicles.....	236	27,306	6.2	211	48,736	82.7	16.0
Automotive fuels and lubricants.....	235	16,465	3.7	195	21,196	26.4	7.0
Auto tires, batteries, accessories.....	27	4,138	.9	23	8,923	8.9	3.0
Household fuels ^a	261	21,548	4.9	290	36,683	47.6	1.3
All other merchandise.....	661	19,236	4.4	262	20,824	14.5	5.2
Nonmerchandise receipts.....						8.0	3.0

X Not applicable. ¹ Includes sales taxes and finance charges in 1972 but not in 1977. ² Detail will not add to total because establishments may carry more than one merchandise line. ³ 1972 includes ice.

Source: U.S. Bureau of the Census, *Census of Retail Trade*, 1972, vol. 1, and 1977, *Merchandise Line Sales*, RC 77-L.

NO. 1501. RETAIL TRADE—ESTABLISHMENTS AND SALES, 1972 AND 1977, AND PAID EMPLOYEES AND PAYROLL, BY STATE: 1977

[1972 data for all establishments adjusted to exclude non-employer direct sellers]

STATE	ALL ESTABLISHMENTS					ESTABLISHMENTS WITH PAYROLL							Percent change, 1972-1977	
	Number (1,000)		Sales ¹ (bil. dol.)		Per capita sales, 1977 ² (dol.)	1972		1977						
	1972	1977	1972	1977		Number (1,000)	Sales ¹ (bil. dol.)	Number (1,000)	Sales ¹ (bil. dol.)	Paid employees ³ (1,000)	Pay-roll entire year (bil. dol.)	Sales	Pay-roll	
U.S....	1,780.4	1,855.1	457.4	723.1	3,342	1,264.9	440.2	1,303.6	699.6	13,040	85.9	58.9	55.0	
N.E....	105.5	107.2	27.8	40.4	3,299	76.8	26.9	76.8	39.0	764	4.8	45.3	36.2	
Maine....	10.4	11.2	2.2	3.6	3,336	7.2	2.1	7.6	3.5	61	.4	62.5	52.7	
N.H....	7.7	8.9	2.0	3.4	3,985	5.6	2.0	6.2	3.3	58	.4	66.8	62.5	
Vt....	5.0	5.7	1.1	1.7	3,460	3.6	1.1	4.0	1.6	30	.2	51.2	47.4	
Mass....	47.5	46.7	13.3	18.5	3,198	35.1	12.8	34.3	17.9	372	2.3	39.5	30.0	
R.I....	8.5	8.1	2.0	2.8	2,991	5.9	1.9	5.8	2.7	54	.3	40.1	32.7	
Conn....	26.4	26.5	7.2	10.4	3,356	19.3	6.9	18.8	10.1	190	1.3	45.1	36.4	
M.A....	308.9	300.5	80.9	112.2	3,028	214.2	77.1	212.0	108.4	2,023	13.8	40.7	35.0	
N.Y....	150.9	142.2	39.0	50.7	2,827	107.3	37.5	102.1	49.0	931	6.5	30.7	26.0	
N.J....	56.6	59.6	16.8	24.3	3,310	39.9	16.2	43.2	23.5	415	2.9	45.5	39.6	
Pa....	101.4	98.7	25.0	37.2	3,157	67.0	23.4	66.7	35.9	677	4.3	53.4	47.5	
E.N.C....	321.1	320.9	89.9	139.9	3,406	232.4	87.3	229.8	136.2	2,539	16.7	56.0	52.6	
Ohio....	82.7	82.4	22.8	35.6	3,325	60.6	22.2	59.8	34.7	651	4.3	56.3	51.1	
Ind....	42.9	43.6	11.4	18.3	3,414	31.0	11.1	31.5	17.8	332	2.1	59.6	52.8	
Ill....	86.7	85.0	25.8	39.2	3,493	61.8	25.1	60.3	38.2	732	4.9	52.3	49.1	
Mich....	65.9	67.1	20.5	31.9	3,488	49.1	20.0	48.4	31.1	524	3.7	55.5	56.1	
Wis....	43.0	42.8	9.3	14.9	3,215	29.9	8.9	29.8	14.4	300	1.8	62.7	59.1	
W.N.C....	157.2	158.5	34.9	56.6	3,348	114.8	33.6	113.4	54.7	1,089	6.6	62.7	60.3	
Minn....	33.2	33.6	8.3	13.6	3,409	24.3	8.0	24.1	13.2	271	1.6	63.6	59.9	
Iowa....	28.5	28.7	5.8	9.8	3,405	21.3	5.7	21.1	9.5	189	1.1	68.5	66.3	
Mo....	42.4	43.2	10.2	15.9	3,302	30.3	9.9	30.3	15.3	294	1.9	55.7	51.9	
N.Dak....	6.5	6.7	1.3	2.2	3,461	4.9	1.2	5.0	2.2	42	.3	77.8	82.9	
S.Dak....	7.7	7.6	1.3	2.2	3,174	5.6	1.3	5.4	2.1	42	.2	67.1	71.4	
Nebr....	15.3	15.2	3.2	5.1	3,309	11.4	3.1	11.1	5.0	103	.6	61.7	59.3	
Kans....	23.6	23.4	4.7	7.7	3,317	16.8	4.5	16.5	7.4	147	.9	64.8	66.1	
S.A....	271.4	294.0	71.6	113.3	3,309	190.2	69.0	205.9	109.6	2,074	13.3	58.8	57.0	
Del....	4.8	4.9	1.5	2.1	3,674	3.7	1.4	3.8	2.1	39	.3	47.5	38.7	
Md....	26.7	28.3	9.4	14.4	3,475	19.4	9.0	21.3	14.1	262	1.8	55.9	52.0	
D.C....	4.4	4.2	1.8	2.1	3,043	3.8	1.8	3.6	2.1	47	.3	16.3	17.5	
Va....	33.5	37.2	10.0	16.5	3,245	24.5	9.8	27.5	16.1	297	2.0	65.4	60.6	
W. Va....	15.1	14.9	3.3	5.7	3,063	10.2	3.2	10.2	5.5	90	.6	72.7	69.9	
N.C....	47.5	50.6	10.6	16.8	3,054	31.9	10.1	34.2	16.1	294	1.9	58.7	55.3	
S.C....	25.1	26.9	5.2	8.4	2,901	15.8	4.9	17.4	7.9	146	.9	62.7	64.8	
Ga....	43.3	44.6	10.4	15.9	3,157	29.9	10.0	31.0	15.3	285	1.8	53.3	56.8	
Fla....	70.9	82.3	19.4	31.4	3,170	51.0	18.9	57.1	30.5	615	3.7	61.2	61.3	
E.S.C....	117.3	121.7	25.1	41.1	2,970	78.0	23.8	82.2	39.0	698	4.4	63.8	65.6	
Ky....	28.5	30.1	6.1	10.5	3,025	18.2	5.8	20.2	10.0	178	1.1	70.7	68.4	
Tenn....	36.7	38.5	8.4	13.7	3,194	24.6	8.1	26.1	13.1	235	1.5	62.2	63.1	
Ala....	30.8	31.6	6.6	10.7	2,900	20.8	6.2	21.6	10.2	181	1.1	63.3	67.9	
Miss....	21.4	21.5	3.9	6.2	2,592	14.3	3.7	14.3	5.8	103	.6	57.2	62.9	
W.S.C....	193.8	202.5	42.3	73.8	3,402	131.1	40.1	138.8	71.1	1,296	8.3	77.4	77.3	
Ark....	21.1	21.8	3.9	6.4	2,966	13.6	3.6	14.2	6.0	105	.6	66.8	73.1	
La....	31.1	32.0	7.2	12.4	3,180	20.8	6.8	22.2	12.0	219	1.4	76.2	77.4	
Okla....	27.4	28.1	5.5	9.2	3,276	18.3	5.2	19.0	8.8	164	1.0	70.4	69.1	
Tex....	114.3	120.6	25.7	45.8	3,578	78.4	24.5	83.4	44.3	809	5.2	80.8	79.4	
Mt....	83.9	96.0	20.9	36.7	3,653	61.4	20.2	67.7	35.7	678	4.3	76.1	76.5	
Mont....	8.2	8.9	1.6	2.8	3,717	6.1	1.5	6.3	2.7	50	.3	77.1	74.0	
Idaho....	8.0	8.8	1.7	3.0	3,524	5.8	1.6	6.2	2.9	53	.3	82.9	81.7	
Wyo....	4.2	4.7	.8	1.7	4,074	3.1	.8	3.4	1.6	28	.2	103.9	101.6	
Colo....	21.8	25.7	5.8	9.8	3,743	15.8	5.7	18.1	9.5	190	1.2	68.4	72.6	
N. Mex....	10.6	11.6	2.3	4.0	3,383	7.4	2.2	7.9	3.9	74	.5	77.3	81.6	
Ariz....	17.0	20.0	4.7	8.2	3,544	12.5	4.6	14.1	8.0	154	1.0	72.3	73.2	
Utah....	8.9	9.9	2.4	4.1	3,265	6.7	2.3	7.2	4.0	81	.5	75.7	73.1	
Nev....	5.2	6.4	1.6	3.1	4,818	4.0	1.6	4.6	3.0	48	.4	92.7	83.4	
Pac....	221.3	253.7	64.0	109.0	3,727	166.1	62.3	177.0	106.0	1,880	13.8	70.2	64.2	
Wash....	28.7	31.9	7.5	13.5	3,668	21.6	7.3	23.1	13.2	231	1.7	81.5	75.6	
Oreg....	20.4	22.8	5.2	9.3	3,919	15.1	5.0	16.1	9.1	158	1.1	81.5	72.4	
Calif....	163.5	187.9	48.7	81.1	3,703	123.0	47.5	130.1	78.7	1,393	10.3	65.9	60.1	
Alaska....	2.8	3.8	.8	1.8	4,433	1.9	.7	2.4	1.8	26	.3	138.9	146.5	
Hawaii....	5.9	7.4	1.9	3.3	3,697	4.5	1.8	5.3	3.2	72	.5	77.1	70.4	

¹ Includes sales taxes and finance charges in 1972 but not in 1977. ² Based on estimated resident population as of July 1, 1977. ³ Week including March 12.

Source: U.S. Bureau of the Census, *Census of Retail Trade: 1977*, Geographic Area Series, RC77-A-1 to 52.

NO. 1502. RETAIL TRADE—ESTABLISHMENTS AND SALES, BY KIND OF BUSINESS, BY STATE:
1977

STATE	TOTAL ¹		FOOD STORES		AUTOMOTIVE DEALERS		GENERAL MERCHANDISE GROUP STORES		EATING AND DRINKING PLACES		GASOLINE SERVICE STATIONS	
	Estab-lish-ments	Sales (mil. dol.)	Estab-lish-ments	Sales (mil. dol.)	Estab-lish-ments	Sales (mil. dol.)	Estab-lish-ments	Sales (mil. dol.)	Estab-lish-ments	Sales (mil. dol.)	Estab-lish-ments	Sales (mil. dol.)
U.S.	1,855,068	723,134	251,971	157,940	139,006	149,952	48,911	93,948	366,066	63,276	176,465	56,468
N.E.	107,239	40,375	13,878	9,354	6,938	6,838	3,115	4,845	21,222	3,617	8,971	2,941
Maine.....	11,244	3,616	1,822	872	953	724	522	393	1,814	261	933	244
N.H.....	8,922	3,387	1,182	826	661	649	321	353	1,542	253	704	237
Vt.....	5,736	1,668	815	389	414	308	222	144	920	128	540	140
Mass.....	46,745	18,474	5,745	4,210	2,834	2,887	1,295	2,361	9,948	1,828	3,862	1,290
R.I.....	8,138	2,802	1,107	639	538	472	184	337	1,829	255	697	216
Conn.....	26,454	10,428	3,207	2,418	1,538	1,798	571	1,257	5,169	892	2,215	814
M.A.	300,487	112,229	46,414	26,753	17,048	19,123	6,380	14,751	67,343	10,093	23,589	7,645
N.Y.....	142,202	50,698	22,873	12,611	6,808	7,512	2,975	6,645	32,997	4,953	9,245	2,984
N.J.....	59,566	24,287	9,026	5,838	3,151	4,225	1,048	3,009	12,985	2,148	5,350	1,804
Pa.....	98,719	37,244	14,515	8,304	7,087	7,386	2,357	5,097	21,361	2,992	8,994	2,857
E.N.C.	320,913	139,883	37,328	28,766	22,501	30,435	7,916	19,283	73,934	12,510	32,117	11,701
Ohio.....	82,404	35,563	10,834	7,838	5,819	7,718	1,917	5,451	17,982	3,105	8,820	3,117
Ind.....	43,643	18,253	4,254	3,655	3,784	4,168	1,183	2,393	8,523	1,520	4,867	1,702
Ill.....	84,988	39,215	8,897	7,571	5,379	8,088	2,319	5,129	20,704	3,665	7,815	3,041
Mich.....	67,059	31,912	9,033	6,608	4,970	7,433	1,372	4,361	13,836	2,696	6,572	2,591
Wis.....	42,819	14,930	4,310	3,084	2,549	3,033	1,125	1,929	12,869	1,524	4,043	1,250
W.N.C.	158,497	56,595	16,121	10,990	12,906	12,437	4,725	7,331	31,084	4,732	17,458	5,279
Minn.....	33,602	13,567	3,709	2,456	2,339	2,691	812	1,853	6,315	1,155	3,280	1,194
Iowa.....	28,737	9,833	2,529	1,969	2,159	2,231	921	1,164	6,193	806	3,424	954
Mo.....	43,219	15,920	4,910	3,295	4,130	3,545	1,543	2,227	8,046	1,321	5,008	1,497
N. Dak.....	6,681	2,250	693	370	462	559	178	217	1,493	190	687	202
S. Dak.....	7,622	2,184	776	406	531	478	201	193	1,580	190	861	241
Nebr.....	15,249	5,145	1,422	972	1,258	1,094	447	666	3,169	474	1,732	530
Kans.....	23,387	7,696	2,082	1,522	2,027	1,839	623	991	4,268	596	2,466	661
S.A.	293,992	113,333	47,162	25,437	23,961	23,855	9,364	14,787	47,767	9,331	30,089	9,303
Del.....	4,935	2,139	656	474	343	362	139	328	863	164	435	182
Md.....	28,344	14,377	4,055	3,198	1,836	2,825	648	2,037	5,726	1,257	2,465	1,210
D.C.....	4,213	2,085	538	355	103	202	68	204	1,158	379	250	138
Va.....	37,216	16,535	6,163	3,712	3,090	3,540	1,463	2,215	6,356	1,239	3,992	1,481
W. Va.....	14,912	5,676	2,662	1,374	1,189	1,265	708	776	2,727	352	1,818	493
N.C.....	50,619	16,842	9,206	3,831	4,891	3,769	1,889	1,992	7,123	1,177	5,775	1,360
S.C.....	26,897	8,350	5,008	2,022	2,545	1,766	1,020	989	3,796	587	3,001	722
Ga.....	44,605	15,916	7,495	3,455	3,895	3,481	1,507	2,132	6,345	1,251	5,066	1,351
Fla.....	82,251	31,413	11,379	7,016	6,069	6,645	1,922	4,114	13,673	2,925	7,287	2,386
E.S.C.	121,685	41,091	22,999	9,489	11,683	9,748	4,651	5,001	17,258	2,824	13,066	3,436
Ky.....	30,104	10,492	5,603	2,490	2,736	2,292	1,080	1,192	4,413	772	3,452	1,021
Tenn.....	38,530	13,710	6,849	3,007	3,702	3,323	1,325	1,764	5,884	990	4,080	1,151
Ala.....	31,582	10,705	5,887	2,440	3,196	2,611	1,316	1,308	4,102	691	3,562	810
Miss.....	21,469	6,184	4,660	1,552	2,049	1,522	930	737	2,859	371	1,962	454
W.S.C.	202,542	73,844	29,910	16,365	18,915	17,789	5,567	9,397	36,817	5,775	21,206	5,453
Ark.....	21,779	6,383	3,595	1,453	2,255	1,539	748	751	3,088	385	2,407	496
La.....	32,049	12,417	5,801	3,079	2,429	2,707	1,045	1,669	6,382	997	2,989	858
Okla.....	28,119	9,228	3,503	2,096	2,843	2,284	782	1,093	5,101	715	3,063	655
Tex.....	120,595	45,816	17,011	9,737	11,388	11,259	2,992	5,884	22,246	3,678	12,747	3,444
Mt.	95,980	36,750	9,466	7,726	7,366	7,959	2,436	4,281	19,281	3,371	9,765	3,097
Mont.....	8,880	2,848	890	599	655	604	217	245	2,083	275	968	272
Idaho.....	8,846	3,016	968	659	832	700	256	280	1,793	260	830	223
Wyo.....	4,692	1,654	331	314	357	344	151	135	866	146	647	214
Colo.....	25,675	9,825	2,177	2,008	1,869	2,081	495	1,204	5,004	966	2,485	708
N. Mex.....	11,604	4,022	1,254	839	890	934	399	451	2,061	345	1,389	366
Ariz.....	20,008	8,170	2,257	1,893	1,487	1,707	520	1,053	4,134	775	1,656	652
Utah.....	9,920	4,146	1,011	821	800	952	267	551	1,964	314	1,149	367
Nev.....	6,355	3,059	578	593	476	637	131	362	1,356	290	641	295
Pac.	253,733	109,034	28,693	23,062	17,690	21,770	4,757	14,273	53,380	11,025	20,204	7,614
Wash.....	31,872	13,503	3,586	2,895	2,640	2,757	586	1,604	6,296	1,356	3,005	947
Oreg.....	22,788	9,348	2,729	1,822	1,747	2,083	481	1,256	4,578	879	2,185	655
Calif.....	187,904	81,058	21,115	17,267	12,757	16,232	3,251	10,554	40,050	8,052	14,388	5,733
Alaska.....	3,781	1,831	387	427	255	241	180	227	799	254	211	103
Hawaii.....	7,388	3,294	876	651	291	457	259	632	1,657	484	215	176

¹ Includes kinds of business not shown separately.

Source: U.S. Bureau of the Census, *Census of Retail Trade, 1977*, Geographic Area Series, RC 77-A-52.

**NO. 1503. RETAIL TRADE—ESTABLISHMENTS WITH PAYROLL, 1972, AND ESTABLISHMENTS,
SALES, AND PERSONNEL, 1977, BY KIND OF BUSINESS**

[See also *Historical Statistics, Colonial Times to 1970, series T 79-196*]

KIND OF BUSINESS	1972		1977		1977			
	Establishments with payroll		All establishments		Establishments with payroll			
	Number (1,000)	Sales ¹ (mil. dol.)	Number (1,000)	Sales (mil. dol.)	Number (1,000)	Sales ¹ (mil. dol.)	Payroll, entire year (mil. dol.)	Paid employees ² (1,000)
Retail trade, total³	1,264.9	440,222	1,855.1	723,194	1,303.6	699,635	85,854	13,040
Building materials, hardware, garden supply, and mobile home dealers	62.0	22,958	90.4	38,860	65.8	37,793	4,367	470
Building materials, supply stores	31.9	15,027	40.6	27,127	34.0	26,804	2,993	294
Hardware stores	18.5	3,634	26.5	8,087	19.4	5,695	806	112
Retail nurseries, lawn and garden supply stores	3.8	695	15.5	1,789	6.9	1,584	265	36
Mobile home dealers	7.8	3,601	7.8	3,857	5.5	3,709	303	27
General merchandise group stores	44.4	64,669	48.9	93,948	38.4	93,455	12,719	2,017
Department stores ⁴	7.7	51,084	8.8	76,909	8.8	76,909	10,743	1,644
Variety stores	18.4	7,220	17.4	7,095	14.2	6,948	1,002	214
Misc. general merchandise stores	18.3	6,365	22.7	9,944	15.4	9,598	973	159
Food stores⁵	173.1	96,375	252.0	157,940	171.6	152,745	14,730	1,959
Grocery stores	128.1	90,048	178.8	147,759	126.6	143,938	13,342	1,692
Meat and fish (seafood) markets ⁶	10.7	2,506	16.9	3,780	11.1	3,416	382	55
Fruit stores, vegetable markets	3.1	518	7.9	1,088	3.1	862	80	14
Candy, nut, confectionery stores	6.8	494	9.0	643	4.7	485	77	18
Retail bakeries	15.1	1,547	19.9	2,300	15.9	2,141	624	130
Automotive dealers⁵	85.1	88,491	139.0	149,952	94.8	147,202	13,304	1,115
Motor vehicle dealers:								
New and used cars	31.6	73,254	30.8	121,883	30.8	121,883	10,279	790
Used cars only	12.8	3,563	37.0	6,945	13.3	5,186	374	42
Auto and home supply stores	29.1	7,271	47.0	12,861	36.8	12,390	1,928	205
Gasoline service stations	183.4	31,440	176.5	56,468	146.5	53,749	3,830	673
Apparel and accessory stores⁵	105.7	24,115	140.1	35,564	114.8	34,719	5,057	840
Men's and boys' clothing, furnishings	21.0	5,497	22.7	6,943	20.6	6,839	1,098	145
Women's clothing and specialty stores and furriers	40.6	9,173	53.6	13,458	44.4	13,164	1,886	349
Furriers and furshops	1.0	179	1.9	322	.9	285	46	5
Family clothing stores	13.8	4,815	21.6	8,055	16.0	7,884	1,049	186
Shoe stores	23.4	3,972	27.9	5,650	24.5	5,517	822	121
Furniture, home furnishings, and equipment stores	82.5	21,505	138.6	33,176	91.7	31,568	4,569	513
Furniture, home furnishings stores	47.7	13,512	82.6	20,316	53.4	19,344	2,974	324
Household appliance stores	14.6	3,627	17.6	4,734	12.2	4,520	577	65
Radio, television, and music stores	20.2	4,365	38.4	8,126	26.1	7,705	1,018	123
Eating and drinking places	287.3	35,048	368.1	63,278	308.6	61,307	15,415	3,759
Eating places	208.9	29,313	274.3	55,581	237.7	54,406	14,018	3,425
Drinking places (alcoholic beverages)	78.4	5,735	93.7	7,695	70.9	6,901	1,396	334
Drug and proprietary stores	47.6	15,420	49.6	23,196	47.2	23,057	3,127	460
Drug stores	45.0	14,901	(NA)	(NA)	44.4	22,313	3,050	444
Proprietary stores	2.6	519	(NA)	(NA)	2.8	745	77	15
Miscellaneous retail stores⁵	193.9	40,202	452.0	70,753	224.2	64,038	8,737	1,235
Liquor stores	33.7	9,342	44.4	12,967	35.1	12,191	913	145
Used merchandise stores	11.9	1,180	49.8	2,850	14.5	2,141	395	61
Misc. shopping goods stores	71.2	10,992	164.6	20,882	88.1	19,004	2,726	440
Sporting goods, bicycle shops	12.4	2,284	31.5	4,655	17.1	4,172	533	77
Book stores	5.0	854	12.7	1,840	7.6	1,722	233	43
Stationery stores	5.1	713	6.4	1,119	4.8	1,057	175	27
Jewelry stores	16.0	2,904	34.1	5,429	19.7	5,010	835	105
Hobby, toy, game shops	4.3	811	18.5	1,768	6.6	1,554	180	34
Camera, photographic supply	3.3	736	5.7	1,171	3.6	1,111	134	17
Gift, novelty, souvenir	12.6	1,037	34.0	2,572	17.1	2,232	331	66
Luggage, leather goods	1.2	187	2.6	370	1.6	347	55	8
Sewing, needlework, piece goods	11.4	1,466	19.1	1,958	10.1	1,798	251	60
Nonstore retail⁵	19.7	9,705	32.8	14,440	20.8	14,076	2,374	288
Mail order houses	5.4	4,528	11.0	7,555	6.7	7,437	1,110	126
Automatic merchandising ⁷	5.4	2,829	13.5	3,945	5.7	3,700	655	73
Direct selling establishments ³	8.9	2,349	8.4	2,940	8.4	2,940	809	88
Fuel and ice dealers	15.3	4,601	20.2	10,171	14.7	9,762	1,027	101
Florists	16.5	1,450	29.4	2,400	20.1	2,177	465	86
Cigar stores and stands	2.6	358	3.6	480	2.3	392	42	8
News dealers and newsstands	2.7	347	7.8	533	2.1	380	42	10

NA Not available. ¹Excludes sales tax and carrying or other charges for credit in 1977; includes them in 1972.

²Pay period including Mar. 12. ³Excludes nonemployer direct sellers. ⁴Includes sales from catalog order desks.

⁵Includes kinds of business not shown separately. ⁶Including freezer provisions. ⁷Vending machines; excludes music and game machines.

Source: U.S. Bureau of the Census, *Census of Retail Trade, 1972*, vol. 1, and 1977 U.S. Summary, *Geographic Area Series*, RC 77-A-52.

NO. 1504. FRANCHISING—SUMMARY: 1969 TO 1980

[Franchising is a form of marketing or distribution in which a parent company customarily grants an individual or a company the right, or privilege, to do business in a prescribed manner over a certain period of time in a specified place. The parent company is termed the franchisor; the receiver of the privilege the franchisee; and the right, or privilege, the franchise]

ITEM	Unit	1969	1970	1974	1975	1976	1977	1978	1979 ¹	1980 ¹
Number of franchised establishments.....	1,000.....	384	396	441	435	443	451	452	463	488
Company-owned ²	1,000.....	69	72	79	81	83	86	85	86	89
Franchisee-owned.....	1,000.....	315	324	362	354	360	365	367	377	399
Sales of products and services.....	Bil. dol.....	116	120	173	191	222	253	287	312	338
Company-owned ²	Bil. dol.....	22	23	26	29	33	38	44	49	54
Franchisee-owned.....	Bil. dol.....	94	96	147	162	189	215	243	263	284
Average sales per establishment.....	\$1,000.....	302	302	393	439	500	562	635	675	691
Employment.....	1,000.....	(NA)	(NA)	3,447	3,511	3,792	4,151	4,496	(NA)	(NA)

NA Not available. ¹ Estimated by respondents to annual survey of franchisors. ² Represents franchised establishments owned by the parent company.

Source: U.S. Dept. of Commerce, Bureau of Industrial Economics, *Franchising in the Economy, 1978-80*.

NO. 1505. FRANCHISING—NUMBER OF ESTABLISHMENTS AND SALES, BY KIND OF FRANCHISED BUSINESS: 1970 TO 1980

[See headnote, table 1504, for definition of franchising]

KIND OF FRANCHISED BUSINESS	NUMBER OF ESTABLISHMENTS (1,000)					SALES (mil. dol.)				
	1970	1975	1978	1979 ¹	1980 ¹	1970	1975	1978	1979 ¹	1980 ¹
All franchising, total.....	396.3	434.5	451.8	463.1	488.3	119,758	190,931	287,306	312,420	337,568
Auto and truck dealers ²	37.2	31.8	31.7	31.5	31.4	58,812	94,497	151,159	157,200	165,060
Percent.....	9.4	7.3	17.0	6.8	6.4	49.1	49.5	52.6	50.3	48.9
Restaurants (all types).....	32.6	43.0	55.3	59.9	66.7	4,602	12,262	21,100	24,592	28,990
Percent.....	8.2	9.9	12.2	12.9	13.7	3.8	6.4	7.3	7.9	8.6
Gasoline service stations ²	222.0	189.5	172.3	164.8	158.0	29,340	47,387	60,884	70,930	75,995
Percent.....	56.0	43.6	38.1	35.6	32.4	24.5	24.8	21.2	22.7	22.5
Retailing (nonfood).....	30.7	37.2	36.5	36.3	40.0	13,133	9,031	9,335	9,625	10,578
Percent.....	7.7	8.6	8.1	7.8	8.2	11.0	4.7	3.2	3.1	3.1
Auto, truck rental services.....	³ 10.7	6.5	7.2	7.5	7.9	⁴ 1,177	1,475	2,526	2,791	3,041
Automotive products and services ⁴	20.4	47.5	47.2	49.7	53.7	1,936	5,006	6,803	7,452	8,296
Business aids and services.....	10.5	22.2	38.7	47.7	59.2	723	1,397	5,046	6,377	8,224
Employment services.....	2.9	2.7	3.8	4.3	4.9	516	553	1,114	1,301	1,505
Tax preparation services.....	4.7	7.5	8.6	8.7	8.8	85	161	242	255	277
Accounting, credit, collection, and general.....	1.1	3.5	3.1	3.6	4.2	20	165	148	157	175
Other.....	1.7	8.3	23.2	31.1	41.4	101	518	3,543	4,663	6,268
Campgrounds.....	(NA)	1.0	1.0	1.0	1.0	(NA)	61	113	115	119
Construction, home improvement, maintenance, and cleaning.....	.7	10.8	13.3	13.6	14.7	63	639	1,269	1,300	1,455
Convenience stores.....	8.8	13.5	14.1	15.0	16.0	1,727	3,906	5,013	5,458	5,954
Educational products and services.....	4.9	1.3	2.3	2.5	2.9	86	173	284	304	350
Equipment rental services.....	(⁵)	1.4	1.5	1.7	1.8	(⁵)	157	236	264	289
Food retailing ⁶	(NA)	11.8	14.7	15.8	17.2	(NA)	1,445	6,120	6,498	7,395
Hotels and motels.....	3.4	5.4	5.2	5.5	5.8	3,540	4,540	5,651	6,281	6,982
Laundry, dry cleaning services.....	4.1	3.2	2.7	2.7	3.2	144	214	245	269	307
Recreation, entertainment, travel.....	2.7	3.4	4.1	3.6	4.0	77	162	291	273	310
Soft drink bottlers ² ⁶	2.7	2.4	2.1	2.0	2.0	4,102	8,165	10,946	12,368	13,874
Miscellaneous.....	4.8	2.7	1.7	2.2	2.8	295	414	284	307	450

NA Not available. ¹ Estimated by respondents. ² Estimated by source on basis of Bureau of the Census and trade association data. ³ Equipment rental services included with auto, truck rental services. ⁴ Includes some establishments with significant sales of nonautomotive products such as household appliances, garden supplies, etc. ⁵ Excludes convenience stores. ⁶ Includes soft drinks, fruit drinks and ades, syrups, flavoring agents and bases. Excludes independent private label and contract-filler bottling companies, which accounted for 22 percent in 1980 of the value of shipments of the total industry.

Source: U.S. Dept. of Commerce, Bureau of Industrial Economics, *Franchising in the Economy, 1978-80*.

No. 1506. WHOLESALE TRADE—SUMMARY: 1948 TO 1977

[Prior to 1958, excludes Alaska and Hawaii. 1972 and 1977 not strictly comparable with prior years due to changes in Standard Industrial Classification; for details, see source. See also *Historical Statistics, Colonial Times to 1970*, series T 43-47, and T 274-279]

ITEM	Unit	1948	1954	1958	1963	1967	1972	1977
Firms, total.....	1,000.....	(NA)	(NA)	(NA)	232	233	276	289
Establishments, total.....	1,000.....	216	250	287	308	311	370	383
With sales of \$1,000,000 or more.....	1,000.....	21	(NA)	(NA)	62	75	103	152
Sales, all establishments.....	Bil. dol.....	180.6	234.0	285.7	358.4	459.5	695.2	1,258.4
Merchant wholesalers.....	Bil. dol.....	76.5	100.1	122.1	157.4	206.1	353.9	676.1
Inventories, end of year.....	Bil. dol.....	10.0	13.0	15.0	20.1	28.1	45.7	82.3
Payroll, entire year.....	Bil. dol.....	7.7	10.9	13.2	18.1	23.9	36.9	58.3
Paid employees, Mar. 15 workweek ¹	1,000.....	2,305	2,555	2,808	3,089	3,519	4,026	4,397
Active proprietors of unincorporated businesses.....	1,000.....	131	150	158	133	122	(NA)	(NA)

NA Not available. ¹ 1948-1963 data for workweek including Nov. 15.

Source: U.S. Bureau of the Census, *U.S. Census of Business: 1948*, vol. IV; 1954, vol. III; 1958, vol. III; 1963, vol. IV; 1967, vol. III; and *Census of Wholesale Trade: 1972*, vol. I and 1977, WC77-A-52.

No. 1507. WHOLESALE TRADE—MERCHANT WHOLESALERS SALES, STOCKS, AND STOCK-SALES RATIO: 1960 TO 1980

[In billions of dollars, except ratios. Data reflect methodological revision effective August 1977. Based on Current Business Survey, see Appendix III. See *Historical Statistics, Colonial Times to 1970*, series T 375-383, for sales]

ITEM	1960 ¹	1965	1970	1973	1974	1975	1976	1977	1978	1979	1980 ^{2, 3}
All establishments: Sales ⁴	139.9	187.3	287.3	441.9	550.0	535.6	580.9	642.1	754.1	882.6	468.2
Stocks, end of year ²	14.1	18.3	32.8	46.3	56.5	55.1	61.3	68.0	80.9	89.8	93.6
Stock-sales ratios ⁵	1.22	1.15	1.29	1.17	1.12	1.24	1.21	1.21	1.29	1.22	1.20
Durable goods: Sales ⁴	58.6	82.9	127.2	195.9	237.0	220.1	246.7	285.6	349.9	403.6	207.5
Stocks, end of year ²	8.1	10.6	19.7	27.0	34.1	34.6	38.2	44.4	51.6	56.2	50.5
Stock-sales ratios ⁵	1.69	1.49	1.77	1.58	1.53	1.88	1.78	1.73	1.77	1.67	1.75
Nondurable goods: Sales ⁴	81.3	104.5	160.1	246.0	313.0	315.5	334.2	356.5	404.2	479.0	260.7
Stocks, end of year ²	6.0	7.7	13.1	19.3	22.5	20.5	23.1	23.6	29.3	33.5	33.2
Stock-sales ratios ⁵.....	.89	.87	.91	.86	.82	.80	.79	.80	.87	.78	.76

¹ Excludes Alaska and Hawaii. ² Seasonally adjusted. ³ January to June. ⁴ Annual totals. ⁵ Source: U.S. Bureau of Economic Analysis. In *Survey of Current Business*, monthly. Ratio of average stocks to average monthly sales. Average stocks based on weighted averages of end-of-month figures.

Source: Except as noted, U.S. Bureau of the Census. In *Current Business Reports*, series BW, *Monthly Wholesale Trade*.

No. 1508. WHOLESALE TRADE, BY TYPE OF OPERATION AND KIND OF BUSINESS: 1972 AND 1977

[See also *Historical Statistics, Colonial Times to 1970*, series T 274-287 and T 352-369]

TYPE OF OPERATION AND KIND OF BUSINESS	ESTABLISHMENTS (1,000)		SALES ¹ (1,000)		PAYROLL ² (mil. dol.)		PAID EMPLOYEES ³ (1,000)	
	1972	1977	1972	1977	1972	1977	1972	1977
Wholesale trade	369.8	382.8	695,224	1,258,400	36,893	58,290	4,026	4,397
Merchant wholesalers.....	290.0	307.3	353,919	676,058	25,916	42,067	3,023	3,368
Manufacturers' sales branches, offices.....	47.2	40.5	255,679	451,855	9,029	13,241	795	806
Merchandise agents, brokers.....	32.6	35.1	85,626	130,488	1,948	2,981	208	222
Kind of business:								
Motor vehicles, automotive equipment.....	36.5	38.9	83,016	147,112	3,415	5,148	392	423
Furniture, home furnishings.....	9.5	11.1	12,359	22,032	926	1,445	97	110
Lumber, construction materials.....	15.9	15.7	28,095	46,179	1,725	2,502	181	180
Sporting, recreational, photographic goods ⁴	6.7	6.6	11,146	16,521	852	1,024	85	77
Metals and minerals, except petroleum.....	8.0	9.4	43,488	80,299	1,358	2,178	127	133
Electrical goods.....	21.2	24.9	49,349	69,999	2,603	3,922	257	277
Hardware, plumbing, heating equipment.....	17.4	18.6	18,800	30,605	1,714	2,576	181	194
Machinery, equipment, supplies.....	73.8	84.0	80,692	165,057	8,000	14,350	800	986
Paper, paper products.....	10.7	11.7	17,280	32,509	1,291	2,103	130	149
Drugs, drug proprietaries ⁵	4.0	3.6	12,666	19,445	803	1,148	88	89
Apparel, piece goods, notions.....	12.4	13.0	27,933	39,895	1,389	1,830	134	131
Groceries and related products.....	38.5	38.0	106,457	182,905	4,834	7,469	580	602
Farm-product raw materials.....	14.8	14.8	52,401	110,332	709	1,273	118	135
Chemicals, allied products.....	6.4	8.5	24,621	51,661	885	1,603	78	100
Petroleum, petroleum products.....	31.3	22.6	46,284	116,780	1,547	2,249	194	179
Beer, wines, distilled alcoholic beverages.....	7.0	6.7	19,885	26,979	1,185	1,841	111	122
Miscellaneous.....	55.7	54.9	60,952	100,090	3,658	5,628	474	511

¹ Includes sales taxes and finance charges in 1972 but not in 1977. ² Entire year. ³ Week including Mar. 12.

⁴ Includes toys, hobby goods, and supplies. ⁵ Includes druggists sundries.

Source: U.S. Bureau of the Census, *Census of Wholesale Trade, 1972*, vol. I, and 1977, *Geographic Area Series*, WC 77-A-52.

No. 1509. WHOLESALE TRADE—SUMMARY, BY STATES: 1972 AND 1977

STATE	1972			1977						
	Estab- lishments	Sales ¹ (bil. dol.)	Pay- roll, entire year (mil. dol.)	Estab- lishments	Sales ¹ (bil. dol.)	Payroll, entire year		Paid employ- ees ² (1,000)	Merchant wholesalers	
						Total (mil. dol.)	Percent of oper- ating ex- penses		Estab- lishments	Sales ¹ (bil. dol.)
U.S.	369,791	695.2	36,893	382,837	1,258.4	58,290	49.1	4,397	307,264	676.1
N.E.	18,577	33.9	2,053	18,830	58.4	2,969	49.1	225	15,252	32.0
Maine.....	1,625	1.9	125	1,580	2.8	178	50.4	17	1,380	2.0
N.H.....	1,092	1.1	86	1,223	2.0	148	49.2	12	1,016	1.6
Vt.....	714	.7	50	746	1.0	75	49.5	7	654	.8
Mass.....	9,226	19.3	1,119	9,107	30.2	1,550	49.2	113	7,177	14.8
R.I.....	1,479	2.1	142	1,480	3.1	206	50.3	17	1,280	2.1
Conn.....	4,441	8.8	530	4,694	19.2	812	48.5	59	3,735	10.7
M.A.	69,469	164.6	8,226	68,682	274.5	11,585	47.1	804	55,613	154.1
N.Y.....	39,984	100.4	4,686	38,149	165.4	6,116	46.1	411	31,324	103.2
N.J.....	11,754	31.8	1,661	12,997	55.3	2,652	45.9	182	10,348	25.7
Pa.....	17,731	32.4	1,878	17,536	53.7	2,818	50.7	211	13,941	25.1
E.N.C.	68,175	137.3	7,408	67,201	249.0	11,580	50.7	818	52,770	119.8
Ohio.....	16,721	33.7	1,858	16,643	61.7	2,928	51.2	212	12,532	27.2
Ind.....	8,903	13.4	799	8,875	25.4	1,224	50.6	97	7,352	14.6
Ill.....	21,491	52.8	2,684	21,237	97.1	4,207	49.9	280	16,499	47.9
Mich.....	12,827	28.5	1,398	12,572	45.2	2,110	51.2	141	9,813	19.3
Wis.....	8,233	10.8	670	7,874	19.6	1,112	51.2	86	6,574	10.8
W.N.C.	41,111	64.5	3,101	39,814	119.7	5,133	49.3	407	32,739	69.9
Minn.....	8,716	15.1	786	8,625	29.1	1,284	50.5	94	6,823	16.0
Iowa.....	8,204	10.0	491	7,646	20.1	825	46.0	69	6,509	14.0
Mo.....	10,136	20.7	998	10,007	35.1	1,520	50.6	116	7,889	18.2
N. Dak.....	2,382	2.2	105	2,126	3.9	196	50.9	17	1,869	2.7
S. Dak.....	2,098	2.0	89	1,897	3.4	162	49.8	15	1,668	2.0
Nebr.....	4,262	6.4	282	4,164	10.6	494	48.9	42	3,573	6.4
Kans.....	5,313	8.2	351	5,349	17.5	653	48.2	54	4,408	10.5
S.A.	49,836	87.5	4,803	54,186	153.2	7,519	50.7	622	43,471	71.5
Del.....	733	2.5	132	770	5.2	192	51.0	12	649	1.2
Md.....	4,746	10.2	580	5,019	16.9	902	52.7	67	3,952	8.1
D.C.....	741	1.7	135	594	2.2	169	54.4	11	480	1.2
Va.....	5,772	10.3	589	6,254	19.1	955	52.4	79	5,017	9.1
W. Va.....	2,248	2.4	182	2,372	4.5	300	50.2	25	1,974	2.8
N.C.....	8,892	15.9	803	9,571	27.5	1,254	51.1	108	7,629	12.0
S.C.....	3,886	4.7	283	4,112	8.3	462	50.6	42	3,501	5.0
Ga.....	9,958	18.8	946	10,085	35.2	1,462	50.4	118	7,551	13.1
Fla.....	13,450	20.0	1,154	15,409	34.4	1,822	48.8	159	12,718	19.1
E.S.C.	20,630	33.3	1,698	21,844	63.9	2,860	50.5	248	17,772	36.6
Ky.....	4,709	7.0	372	5,133	13.5	647	49.9	56	4,169	7.4
Tenn.....	7,002	14.8	682	7,408	29.3	1,127	50.9	83	5,851	15.9
Ala.....	5,434	7.5	423	5,713	14.2	705	50.7	64	4,709	8.1
Miss.....	3,485	3.9	221	3,592	7.0	381	50.0	36	3,043	5.3
W.S.C.	39,537	62.2	3,218	42,323	127.4	5,810	49.4	478	33,983	71.8
Ark.....	3,580	3.4	204	3,665	6.8	362	50.6	34	3,183	5.1
La.....	6,418	9.8	544	6,800	19.6	956	50.1	81	5,558	12.5
Okla.....	5,205	6.8	350	5,488	13.4	639	50.3	53	4,496	7.7
Tex.....	24,334	42.2	2,120	26,370	87.7	3,853	49.0	310	20,746	46.5
Mt.	17,059	21.8	1,283	19,040	41.6	2,357	50.2	194	15,285	24.6
Mont.....	1,796	1.6	92	1,815	3.0	162	49.7	14	1,512	2.0
Idaho.....	1,939	1.7	110	2,037	3.2	211	49.4	20	1,701	2.4
Wyo.....	803	.7	33	879	1.9	76	48.2	6	699	1.6
Colo.....	4,754	8.0	436	5,457	15.6	791	50.8	61	4,197	7.9
N. Mex.....	1,768	1.5	102	1,969	2.7	192	49.5	17	1,647	1.9
Ariz.....	3,097	4.4	271	3,587	8.1	471	50.0	39	2,877	4.4
Utah.....	2,086	2.9	174	2,301	5.4	328	51.4	27	1,807	3.0
Nev.....	816	.9	67	995	1.7	127	49.3	9	845	1.3
Pac.	45,397	90.0	5,105	50,917	170.7	8,478	47.6	601	40,378	95.6
Wash.....	6,532	10.0	607	7,091	19.9	1,085	48.5	77	5,512	12.1
Oreg.....	4,591	9.3	463	4,904	18.1	765	48.3	54	3,899	11.4
Calif.....	32,431	68.6	3,866	36,704	128.6	6,334	47.3	449	29,223	70.0
Alaska.....	506	.6	44	649	1.6	116	51.6	8	484	.8
Hawaii.....	1,337	1.6	124	1,569	2.6	178	47.2	15	1,261	1.4

¹ Includes sales (or other taxes) and carrying charges or other charges for credit in 1972, but not for 1977. ² For week including March 12.

Source: U.S. Bureau of the Census, *Census of Wholesale Trade: 1972*, vol. II, and *1977, Geographic Area Series*, WC 77-A-1-52.

NO. 1510. MERCHANT WHOLESALERS—ESTIMATED SALES, BY KIND OF BUSINESS: 1967 TO 1980

[In billions of dollars. Data reflect methodological revision effective August 1977. Based on Current Business Survey, see Appendix III. See *Historical Statistics, Colonial Times to 1970*, series T 280-371, for related data]

KIND OF BUSINESS	1967	1970	1975	1976	1977	1978	1979	1980, Jan.-June ¹
Merchant wholesalers	233.4	267.3	535.6	580.9	642.1	754.1	882.6	468.2
Durable goods, total ²	99.7	127.2	220.1	246.7	285.6	349.9	403.6	207.5
Motor vehicles and automotive equipment.....	14.1	21.4	39.0	44.9	54.0	68.3	76.5	39.2
Furniture and home furnishings.....	4.3	5.5	8.1	9.6	11.0	13.0	14.1	7.7
Lumber and construction materials.....	9.2	11.6	16.6	20.9	26.2	32.2	37.0	16.6
Electrical goods.....	12.4	15.0	23.5	27.9	31.7	38.3	44.5	23.8
Hardware, plumbing, and heating equipment.....	8.7	10.5	16.8	19.2	22.4	25.9	28.9	14.5
Machinery, equipment, and supplies.....	28.7	33.8	65.9	71.4	82.0	97.9	111.8	58.7
Nondurable goods, total ²	133.6	160.1	315.5	334.2	356.5	404.2	479.0	260.7
Paper and paper products.....	6.4	7.4	11.5	13.4	15.5	17.6	19.7	10.7
Drugs, proprietaries, and sundries.....	4.7	5.6	9.3	10.1	10.9	11.5	12.6	6.7
Apparel, piece goods, and notions.....	8.9	10.2	15.7	17.6	19.6	25.1	27.5	14.8
Groceries and related products.....	42.5	54.4	95.0	99.8	110.8	125.1	138.6	72.4
Farm-product raw materials.....	24.0	24.8	74.2	72.7	70.1	83.2	98.3	51.7
Beer, wine, and distilled beverages.....	10.4	13.1	20.1	21.6	23.4	27.0	30.6	15.9
Petroleum and petroleum products.....	(S)	(S)	(S)	(S)	(S)	50.8	73.3	46.8

S Data do not meet publication standards. ¹ Seasonally adjusted. ² Includes kinds of business not shown separately.

NO. 1511. MERCHANT WHOLESALERS—INVENTORIES AND STOCK-SALES RATIOS, BY KIND OF BUSINESS: 1970 TO 1980

[Data reflect methodological revision effective August 1977. Based on Current Business Survey, see Appendix III]

KIND OF BUSINESS	INVENTORIES ¹ (bil. dol.)						STOCK-SALES RATIOS ² (percent)					
	1970	1975	1977	1978	1979	1980, ³ June	1970	1975	1977	1978	1979	1980, ⁴ June
Merchant wholesalers	32.8	55.1	68.0	80.9	89.8	93.6	133	121	119	125	122	122
Durable goods, total ⁴	19.7	34.6	44.4	51.6	56.2	60.5	184	181	188	176	165	181
Motor vehicles, automotive equipment.....	2.9	6.1	7.4	9.2	9.7	10.6	153	167	142	167	158	161
Furniture and home furnishings.....	7.7	1.1	1.5	1.8	1.8	1.9	148	152	142	156	158	154
Lumber, construction materials.....	1.2	1.9	2.7	3.1	3.4	3.3	124	122	110	123	132	123
Electrical goods.....	2.3	3.5	4.7	5.6	5.9	6.3	184	163	161	168	157	162
Hardware, plumbing, heating equipment.....	1.8	2.9	3.7	4.1	4.6	4.7	197	196	183	198	209	204
Machinery, equipment, and supplies.....	6.8	12.0	15.7	18.0	19.6	21.4	243	215	212	212	217	218
Nondurable goods, total ⁴	13.1	20.5	23.6	29.3	33.5	33.2	94	78	77	83	78	77
Paper and paper products.....	7.7	1.1	1.3	1.5	1.7	1.8	111	104	88	100	103	101
Drugs, proprietaries, and sundries.....	7.7	1.1	1.3	1.5	1.6	1.6	136	135	141	152	149	134
Groceries and related products.....	2.4	4.3	5.5	6.5	7.0	7.7	54	54	55	60	60	57
Beer, wine, and distilled beverages.....	1.2	1.8	1.9	2.3	2.6	2.8	105	108	93	85	90	107
Petroleum and petroleum products.....	(S)	(S)	(S)	2.2	3.1	3.6	(S)	(S)	(S)	47	41	48

S Data do not meet publication standards. ¹ As of end of year, except 1980. Adjusted for seasonal variations. ² Preliminary. ³ Based on December adjusted sales and inventory estimates, except as indicated. ⁴ Includes kinds of business not shown separately.

Source of tables 1510 and 1511: U.S. Bureau of the Census, *Current Business Reports*, series BW, *Monthly Wholesale Trade*.

NO. 1512. MERCHANT WHOLESALERS—ESTABLISHMENTS, SALES, AND PAYROLL, BY SALES SIZE OF ESTABLISHMENTS: 1977

SALES SIZE	Estab- lish- ments (1,000)	Total sales (mil. dol.)	Per- cent sales	Pay- roll (mil. dol.)	SALES SIZE	Estab- lish- ments (1,000)	Total sales (mil. dol.)	Per- cent sales	Pay- roll (mil. dol.)
All establishments	307.3	676,058	100.0	42,067	With annual sales of—				
Operated all year.....	281.7	656,670	97.1	40,942	Con.				
With annual sales of—					\$1,000,000–\$1,999,999.....	44.6	63,112	9.3	6,397
Less than \$100,000.....	27.1	1,565	.2	270	\$2,000,000–\$4,999,999.....	37.0	114,684	17.0	9,578
\$100,000–\$199,999.....	32.2	4,724	.7	720	\$5,000,000–\$9,999,999.....	13.3	91,662	13.6	6,149
\$200,000–\$299,999.....	26.5	6,531	1.0	933	\$10,000,000–				
\$300,000–\$499,999.....	38.6	15,095	2.2	2,003	\$19,999,999.....	5.6	75,666	11.2	4,316
\$500,000–\$999,999.....	53.2	38,173	5.6	4,521	\$20,000,000 and over.....	3.6	245,457	36.3	6,056
					Not operated all year.....	25.5	19,388	2.9	1,126

Source: U.S. Bureau of the Census, *Census of Wholesale Trade, 1977*, Size Report, WC 77-S-1.

NO. 1513. SELECTED SERVICES—SUMMARY: 1948 TO 1977

[Prior to 1958, excludes Alaska and Hawaii. 1972 and 1977 not strictly comparable with prior years due to changes in Standard Industrial Classification; for details, see source. See also *Historical Statistics, Colonial Times to 1970*, series T 43-47 and T 391-401]

ITEM	Unit	1948	1954	1958	1963	1967	1972	1977
Firms, total.....	1,000.....	(NA)	(NA)	(NA)	1,017	1,136	1,525	¹ 1,764
Single unit establishments.....	1,000.....	(NA)	751	928	1,001	1,130	1,505	¹ 1,745
Multunit establishments ²	1,000.....	(NA)	35	51	61	58	185	190
Establishments, total.....	1,000.....	665	786	979	1,062	1,188	1,590	¹ 1,835
With payroll.....	1,000.....	370	375	444	504	521	684	725
Receipts, total.....	Bil. dol.....	13.3	23.5	32.5	44.6	60.5	113.0	³ 179.5
For establishments with payroll.....	Bil. dol.....	12.2	21.3	29.1	41.0	55.5	103.2	164.2
Average receipts per establishment.....	\$1,000.....	32.9	50.7	65.5	81.3	106.5	151.0	226.5
For establishments without payroll.....	Bil. dol.....	1.1	2.2	3.4	3.6	5.0	9.7	15.3
Average receipts per establishment.....	\$1,000.....	3.8	5.5	6.3	6.4	7.5	10.7	13.8
By multunit establishments ²	Bil. dol.....	(NA)	5.7	9.2	13.9	22.0	37.8	63.5
Percent of total receipts.....	Percent.....	(NA)	24.3	28.3	31.1	36.4	33.5	35.4
Payroll entire year.....	Bil. dol.....	4.2	6.5	9.0	12.2	17.5	33.4	¹ 56.1
Paid employees, March 12 workweek ⁴	1,000.....	2,100	2,362	2,804	3,262	3,841	5,305	¹ 6,337
Active proprietors of unincorporated businesses.....	1,000.....	667	781	996	1,017	1,082	(NA)	(NA)

NA Not available. ¹ Includes architectural, engineering, surveying, legal services, and dental labs. ² Establishments operated by firms at two or more locations. ³ 1977 receipts reflect commissions, fees, and other income of advertising agencies rather than gross billings as in previous censuses. (For 1972, the comparable receipts figure is \$105.4 billion.) ⁴ 1948-1963 data for Nov. 15 workweek.

Source: U.S. Bureau of the Census, *U.S. Census of Business: 1948*, vol. VI; *1954*, vol. V; *1958*, vol. V; *1963*, vol. VI; *1967*, vol. V, Part 1; and *Census of Selected Service Industries, 1972*, vol. I, and 1977, SC 77-A-52.

NO. 1514. SELECTED SERVICES—RECEIPTS, BY KINDS OF BUSINESS: 1972 TO 1980

[In millions of dollars. Data reflect methodological revision effective August 1977. Based on Current Business Survey, see Appendix III. Jan.-June data adjusted for seasonal variation and trading day differences]

KIND OF BUSINESS	1972	1974	1975	1976	1977	1978	1979	1980, Jan.-June
Selected services, total.....	93,439	114,395	123,000	141,098	159,191	181,366	210,125	115,211
Hotels, motels, tourist courts, camps, and trailer parks.....	10,574	12,396	13,689	15,818	17,188	20,164	23,469	12,476
Hotels, motels, and tourist courts.....	10,027	11,757	13,002	15,129	16,413	19,443	22,226	11,645
Personal services ¹	13,908	14,843	15,661	16,788	18,374	20,255	22,205	11,851
Laundry, cleaning, and garment services.....	5,719	5,791	6,004	6,231	6,771	7,503	8,131	4,349
Beauty shops.....	3,007	3,313	3,376	3,529	4,176	4,734	5,150	2,766
Barber shops.....	885	885	947	988	1,104	1,113	1,158	611
Business services.....	37,754	47,494	50,551	59,295	67,691	78,184	93,583	52,788
Advertising.....	10,584	12,422	12,771	15,584	17,233	19,941	23,273	12,573
Automotive repair, services, and garages.....	12,040	15,142	16,582	18,816	21,415	24,942	29,336	15,625
Automotive repair shops.....	7,024	9,310	10,565	12,071	13,386	15,236	17,716	8,995
Miscellaneous repair services.....	5,785	8,097	8,908	10,301	12,708	14,623	15,782	8,586
Amusement and recreation services, incl. motion pictures.....	13,378	16,423	17,609	20,080	21,815	23,198	25,750	13,885

¹ Includes services not shown separately.

Source: U.S. Bureau of the Census, *Current Business Reports*, series BS, *Monthly Selected Services Receipts*.

NO. 1515. HOTEL AND MOTOR HOTEL OPERATIONS—OCCUPANCY RATIO, SALES INDEXES, AND ROOM RATE INDEX: 1960 TO 1979

[Excludes Alaska and Hawaii. Based on reports from approximately 500 lodging establishments]

ITEM	1960	1965	1970	1972	1973	1974	1975	1976	1977	1978	1979
Occupancy ratio (percent).....	65	62	55	62	66	65	62	66	68	72	71
Sales indexes (1967 = 100):											
Total sales.....	94	94	107	113	121	128	132	147	163	188	210
Room sales.....	90	91	112	121	129	137	145	164	185	218	249
Restaurant sales.....	97	97	100	106	112	118	119	129	139	156	167
Room rate index (1967 = 100).....	86	91	125	132	139	150	165	178	194	220	255

Source: Laventhol & Horwath, Philadelphia, Pa., *National Trend of Business in the Lodging Industry*, monthly. (Copyright, 1980, by Laventhol & Horwath.)

NO. 1516. SELECTED SERVICES, BY KIND OF BUSINESS: 1972 AND 1977

KIND OF BUSINESS	ESTABLISHMENTS WITH PAYROLL, 1972		ALL ESTABLISHMENTS, 1977		ESTABLISHMENTS WITH PAYROLL, 1977			
	Re- ceipts ¹ (mil. dol.)	Paid employ- ees ² (1,000)	Num- ber (1,000)	Re- ceipts ¹ (mil. dol.)	Num- ber (1,000)	Re- ceipts ¹ (mil. dol.)	Pay- roll entire year (mil. dol.)	Paid employ- ees ² (1,000)
Selected services	95,676	5,305.2	1,834.7	179,515	725.1	164,219	56,055	6,337.3
Hotels, motels, trailing parks, camps	10,197	726.6	70.7	18,453	41.6	17,893	5,130	905.9
Hotels	4,745	347.0	12.5	9,884	10.4	9,837	3,094	484.2
Motels, motor hotels, tourist courts	5,089	364.1	39.3	7,835	26.7	7,578	1,933	409.9
Motels and tourist courts	3,854	273.1	(NA)	(NA)	24.3	5,736	1,409	305.5
Motor hotels	1,234	91.0	(NA)	(NA)	2.4	1,842	524	104.4
Sporting, recreational camps ⁴	225	10.5	5.3	277	2.2	230	59	5.6
Trailing parks, campsites for transients	139	5.0	13.5	457	2.2	247	44	6.2
Personal services	11,692	976.7	512.1	18,433	170.2	15,297	5,478	910.4
Laundry, cleaning, other garment services	5,334	468.3	75.4	6,829	46.5	6,326	2,288	361.0
Photographic studios	542	26.4	37.1	1,165	6.2	841	215	29.8
Beauty shops	2,419	279.3	196.1	4,274	74.5	3,992	1,634	289.0
Barber shops	394	38.2	68.6	992	11.5	433	182	27.7
Shoe repair, shoe shine, etc.	126	8.6	9.6	239	3.1	150	40	7.2
Funeral service, crematories	2,071	70.2	19.6	2,827	15.1	2,652	639	71.8
Misc. personal services	807	85.8	105.7	2,088	13.1	1,503	480	124.0
Business services	27,932	1,759.4	458.2	54,500	154.8	49,999	20,852	2,297.4
Advertising	2,781	111.5	32.9	4,983	10.9	4,483	1,921	118.8
Service to dwellings, other bldgs.	2,307	333.5	67.3	4,597	26.3	4,210	2,256	426.3
Computer, data processing services	3,411	127.4	16.1	7,576	10.3	7,476	2,833	203.9
Management, consulting, public relations	3,549	143.2	143.8	8,343	24.7	6,653	2,839	208.8
Equipment rental, leasing services	2,205	60.8	29.3	5,102	12.0	4,729	1,086	87.2
Other business services ⁵	13,679	983.0	168.9	23,898	70.6	22,448	9,918	1,252.5
Credit reporting, collection agencies	803	63.1	(NA)	(NA)	6.1	1,238	539	64.2
Direct mail advertising services	538	33.3	(NA)	(NA)	1.7	843	276	31.5
Commercial photog., art, graphics	882	35.1	(NA)	(NA)	7.8	1,719	588	46.0
Temporary help supply services	918	179.2	(NA)	(NA)	4.2	2,324	1,703	331.5
Commercial research, devel. labs ⁶	1,764	72.5	(NA)	(NA)	1.8	2,026	843	48.5
Detective agen., protective services	1,420	212.0	(NA)	(NA)	7.1	2,615	1,598	279.9
Photofinishing laboratories	1,165	44.4	(NA)	(NA)	3.0	1,873	523	64.3
Auto repair, services, garages	10,929	392.5	200.2	21,576	106.2	19,659	4,456	483.2
Automotive repair shops	6,134	237.9	154.2	12,770	80.7	11,283	3,090	316.3
General auto repair	2,569	98.2	87.0	5,633	37.2	4,641	1,173	128.3
Top and body repair	1,578	65.7	38.8	3,246	22.6	2,907	874	87.9
Other auto repair	1,988	74.0	28.4	3,891	20.9	3,735	1,043	100.0
Automotive rental and leasing, without drivers	3,486	62.7	12.4	6,407	8.7	6,290	834	75.5
Auto parking	711	37.3	8.9	1,008	8.2	992	211	33.9
Automotive services, exc. repair	597	54.7	24.7	1,391	8.7	1,092	320	57.6
Misc. repair services	4,836	206.8	162.9	11,028	55.0	9,558	2,992	279.1
Electrical, electronic repair shops	1,729	74.4	52.5	3,581	19.1	3,077	1,001	95.2
Reupholstery, furniture repair	334	19.1	24.6	721	7.1	516	158	22.2
Other repair shops, related serv.	2,772	113.3	85.8	6,726	28.7	5,966	1,833	161.8
Amusement, recreation services, incl. motion pictures	12,660	653.0	176.8	21,143	61.8	19,756	5,272	660.3
Motion picture prod., distribution, serv.	2,857	64.7	10.7	5,412	5.5	5,314	1,377	88.4
Motion picture theaters	1,816	127.4	11.8	2,606	10.7	2,570	462	112.2
Producers, orchestras, entertainers ⁷	1,111	58.4	67.7	2,361	6.7	1,768	524	50.1
Bowling alleys, billiards, pool estab.	1,142	94.9	11.3	1,768	8.0	1,702	490	108.1
Other amusement, recreation services ⁸	5,735	307.7	75.2	8,997	30.9	8,401	2,419	301.5
Dental laboratories	519	29.8	10.3	948	6.3	862	367	35.6
Legal services ⁹	9,724	267.7	167.9	18,696	94.9	17,147	5,217	392.0
Engineering, architec., surveying	7,186	292.6	75.6	14,737	34.4	14,049	6,292	373.2

NA Not available. ¹ Includes sales, occupancy, admissions, or other taxes collected from customers and forwarded to taxing authorities in 1972, but not in 1977. ² Week including Mar. 12. ³ Adjusted to reflect changes in measuring 1977 receipts data for advertising agencies. ⁴ 1972 not strictly comparable with 1977 since 1977 data are only for establishments paying Federal income taxes. For data pertaining to tax-exempt establishments, see table 1519. ⁵ Includes other services not shown separately. ⁶ Includes expense-sharing associations in 1977. ⁷ For services rendered in 1972, whether or not payment received in 1972. ⁸ For payments received in 1977, regardless of when services provided.

Source: U.S. Bureau of the Census, *Census of Selected Service Industries: 1972*, vol. I, and 1977, U.S. Summary, SC 77-A-52.

NO. 1517. SELECTED SERVICE INDUSTRIES—SUMMARY, BY STATES: 1977

[Discrepancies in figures identified after tabulation process was completed have been corrected only at level significantly affected; hence, detail may not add to total]

STATE	ALL ESTABLISHMENTS		ESTABLISHMENTS WITH PAYROLL				BUSINESS SERVICES		PERSONAL SERVICES		AUTO REPAIR, AUTO SERVICES, TRAILERING PARKS, GARAGES	
	Number (1,000)	Re-ceipts (mil. dol.)	Number (1,000)	Re-ceipts (mil. dol.)	Pay-roll, entire year (mil. dol.)	Paid employ-ees ¹ (1,000)	Estab-lishments	Re-ceipts (mil. dol.)	Estab-lishments	Re-ceipts (mil. dol.)	Estab-lishments	Re-ceipts (mil. dol.)
U.S.	1,834.7	179,515	725.1	164,219	56,055	6,337.3	458,232	54,500	512,140	18,433	200,153	21,576
N.E.	110.9	9,291	42.7	8,348	2,878	334.1	29,863	3,065	27,318	1,016	10,692	1,127
Maine	10.4	527	3.7	456	131	18.2	1,668	70	2,943	65	1,346	106
N.H.	8.9	547	3.2	477	152	20.2	1,987	102	2,226	65	982	79
VT.	5.1	299	1.9	263	81	13.8	940	42	1,290	30	579	31
Mass.	52.6	5,025	19.5	4,549	1,621	175.9	15,020	1,830	12,589	504	4,876	532
R.I.	7.5	534	3.2	476	166	20.9	1,689	158	2,200	74	824	81
Conn.	26.4	2,359	11.2	2,127	727	85.1	8,559	863	6,070	278	2,085	298
M.A.	307.7	35,976	124.6	33,262	11,541	1,154.7	84,859	12,942	81,203	3,107	30,615	3,481
N.Y.	156.8	21,327	64.5	19,954	6,801	631.8	46,628	8,250	38,096	1,562	12,505	1,629
N.J.	60.2	6,243	26.8	5,711	2,062	218.7	18,649	2,257	13,860	626	5,907	746
Pa.	90.7	8,406	33.3	7,597	2,588	304.2	19,582	2,435	29,247	919	12,203	1,106
E.N.C.	311.1	29,361	119.0	26,727	9,223	1,046.6	76,123	8,982	92,328	3,598	32,683	4,007
Ohio	76.9	7,060	31.4	6,446	2,194	267.8	17,236	1,895	22,489	936	8,811	1,070
Ind.	41.3	2,766	14.7	2,447	781	106.3	8,130	651	14,497	450	5,076	493
Ill.	96.9	10,567	34.1	9,644	3,396	347.0	28,109	3,844	28,806	1,092	8,650	1,093
Mich.	60.6	6,389	24.9	5,882	2,059	218.9	14,268	1,925	17,317	771	6,487	981
Wis.	35.4	2,579	13.9	2,308	793	106.6	8,380	667	9,219	349	3,659	370
W.N.C.	153.2	10,959	54.2	9,762	3,232	417.9	30,392	2,951	51,132	1,416	18,463	1,649
Minn.	34.2	2,785	11.8	2,514	882	109.6	6,897	818	10,541	332	3,671	360
Iowa	27.3	1,560	9.2	1,347	409	60.2	5,315	347	9,838	230	3,429	281
Mo.	43.5	3,748	15.7	3,401	1,157	136.0	10,161	1,155	14,224	431	5,290	524
N. Dak.	5.4	319	2.0	279	88	12.6	776	54	1,753	49	645	56
S. Dak.	6.4	309	2.3	263	73	11.5	787	42	2,137	46	781	49
Nebr.	14.8	976	5.5	863	280	40.1	2,506	233	5,034	126	1,914	173
Kans.	21.6	1,262	7.7	1,095	343	47.9	3,950	302	7,605	202	2,733	206
S.A.	273.5	26,219	116.7	24,145	8,329	1,034.5	63,503	7,156	77,925	2,859	30,983	3,174
Del.	4.4	407	1.9	376	127	16.6	1,062	129	1,245	43	458	55
Md.	32.9	3,358	12.6	3,093	1,214	132.0	9,441	1,253	8,845	351	2,778	346
D.C.	8.6	1,842	4.0	1,760	631	60.4	3,114	575	1,757	95	561	107
Va.	36.8	3,613	15.9	3,365	1,220	138.0	9,139	1,217	10,820	422	3,865	412
W. Va.	11.4	824	4.7	749	231	30.8	1,668	131	4,069	127	1,391	100
N.C.	41.1	2,752	16.6	2,471	790	112.7	6,942	601	14,757	458	5,996	464
S.C.	19.6	1,420	8.5	1,285	415	60.8	3,280	252	6,663	199	2,687	195
Ga.	36.9	3,454	16.0	3,184	1,048	133.6	7,824	929	11,544	388	4,826	495
Fla.	81.8	8,549	36.5	7,862	2,653	349.6	21,033	2,068	18,225	776	8,421	1,000
E.S.C.	92.7	6,910	38.1	6,211	2,022	274.6	16,207	1,714	31,423	1,003	12,319	1,047
Ky.	24.0	1,597	8.8	1,396	435	63.2	4,171	323	8,074	265	3,138	217
Tenn.	32.2	2,729	13.2	2,481	838	106.8	5,940	816	10,592	365	4,120	397
Ala.	21.9	1,696	10.0	1,548	511	68.1	3,851	416	7,516	238	3,096	277
Miss.	14.6	888	6.1	786	238	36.5	2,245	160	5,241	135	1,965	156
W.S.C.	180.9	16,928	74.1	15,437	5,074	612.1	40,056	4,929	53,548	1,848	23,501	2,112
Ark.	16.4	922	6.3	798	233	36.0	2,481	162	5,635	145	2,610	196
La.	27.5	2,941	12.0	2,712	858	108.4	5,507	899	8,162	255	3,219	295
Okla.	25.7	1,661	9.4	1,447	466	61.1	5,272	439	8,465	226	3,322	246
Tex.	111.3	11,404	46.4	10,480	3,517	406.6	26,816	3,429	31,285	1,222	14,350	1,375
Mt.	100.7	10,727	40.6	9,943	3,316	391.6	24,520	2,454	24,622	825	11,044	1,097
Mont.	8.0	449	3.0	386	114	17.8	1,413	68	2,067	52	1,035	72
Idaho	4.1	569	2.9	505	209	22.3	1,547	197	2,235	58	997	71
Wyo.	4.8	373	2.1	334	92	12.5	847	54	1,097	28	519	45
Colo.	30.1	2,481	11.7	2,246	757	94.3	8,007	696	7,567	242	3,036	324
N. Mex.	9.7	1,059	4.3	992	351	36.0	2,129	496	2,339	77	1,233	99
Ariz.	20.6	1,853	8.7	1,687	557	75.9	5,733	496	4,442	190	2,282	254
Utah	11.4	838	4.3	756	244	33.5	2,817	230	3,203	86	1,251	135
Nev.	8.0	3,105	3.6	3,037	992	99.3	2,027	217	1,672	92	691	97
Pac.	304.1	33,143	115.0	30,383	10,442	1,071.2	92,709	10,308	72,641	2,763	29,853	3,881
Wash.	34.4	2,984	13.2	2,726	892	98.2	8,299	923	9,176	301	3,715	386
Oreg.	23.1	1,752	8.7	1,565	507	65.4	5,532	476	5,999	208	2,670	262
Calif.	234.2	26,617	88.3	24,407	8,484	844.7	75,178	8,602	54,695	2,139	22,149	3,015
Alaska	4.4	514	1.5	469	169	13.5	1,349	134	844	32	455	54
Hawaii	8.0	1,276	3.3	1,216	390	49.4	2,351	173	1,927	83	864	164

¹ Week including Mar. 12.

Source: U.S. Bureau of the Census, *Census of Selected Service Industries, 1977, Geographic Area Series*, SC 72-A-52.

NO. 1518. HOTELS, MOTELS, AND MOTOR HOTELS—SUMMARY: 1963 TO 1977

[Covers commercial establishments primarily engaged in providing lodging, or lodging and meals, to the general public.
Includes establishments with payroll only]

ITEM	HOTELS				MOTELS				MOTOR HOTELS			
	1963 ¹	1967 ¹	1972	1977	1963 ²	1967	1972	1977	1963 ²	1967	1972	1977
Number.....	15,372	13,947	10,750	10,443	23,159	22,697	27,739	24,288	2,642	3,516	2,348	2,423
Guest rooms (1,000).....	³ 957	³ 887	755	(NA)	(NA)	(NA)	1,034	(NA)	(NA)	(NA)	208	(NA)
Receipts (mil. dol.).....	2,710	3,392	4,745	9,837	1,063	1,557	3,654	5,736	484	1,017	1,234	1,842
Payroll (mil. dol.).....	961	1,165	1,602	3,094	209	346	933	1,409	129	277	343	524
Paid employees ⁴ (1,000).....	350	353	347	484	96	129	273	306	54	94	91	104

NA Not available. ¹ Year-round hotels only. ² Not all establishments reported number of rooms; therefore, size-class breakdown will not add to total. ³ Hotels with 25 guest rooms or more. ⁴ 1963, employees for workweek ended nearest Nov. 15; 1967, 1972, and 1977, employees for workweek including Mar. 12.

Source: U.S. Bureau of the Census, *Census of Business*, 1963, vol. VI; *Census of Selected Service Industries*, 1972, vol. I, and *Census of Services Industries*, 1977, SC77-A-52.

NO. 1519. TAX-EXEMPT SERVICE INDUSTRIES—SUMMARY: 1977

[Includes only nongovernment establishments with payroll. Data are preliminary]

KIND OF BUSINESS OR OPERATION	Number (1,000)	Ex- penses (mil. dol.)	PAYROLL			Paid employ- ees ¹ (1,000)
			Entire year (mil. dol.)	As percent of ex- penses	First quarter (mil. dol.)	
Tax-exempt service industries	165.6	85,371.6	41,690.9	48.8	9,949.5	4,950.5
Sporting and recreational camps.....	.8	82.7	28.1	34.0	5.0	3.1
Organization hotels, lodging houses, on membership basis.....	3.1	219.9	50.9	23.2	14.2	13.3
Miscellaneous business services.....	.4	1,214.4	594.7	49.0	140.7	35.6
Commercial research and development labs ².....	.3	1,149.2	555.3	48.4	131.4	32.3
Commercial testing labs.....	.2	66.2	39.4	59.5	9.3	3.3
Selected amusement and recreation services.....	7.1	2,130.1	940.3	44.1	199.8	121.6
Producers, orchestras, entertainers ²	1.2	524.1	245.7	46.9	61.5	27.2
Membership sports, recreation clubs ²	5.9	1,606.0	694.6	43.3	138.3	94.4
Health services.....	12.3	43,960.8	22,848.7	52.0	5,439.2	2,431.0
Nursing, personal care facilities.....	2.3	2,215.9	1,203.2	54.3	284.2	201.8
Hospitals.....	3.6	39,196.7	20,332.6	51.9	4,843.6	2,098.0
Outpatient care facilities.....	4.2	1,805.1	918.1	50.9	218.9	85.2
Other health, allied services, n.e.c. ³	2.2	743.2	394.8	53.1	92.4	46.1
Legal aid societies and similar legal services.....	1.1	259.0	153.2	59.2	34.6	12.4
Educational services.....	9.2	14,026.2	7,224.4	51.5	1,763.4	932.3
Elementary, secondary schools ⁴	3.3	1,298.1	744.6	57.4	190.4	99.4
Colleges, univ., professional schools, junior colleges.....	1.8	12,027.6	6,164.3	51.3	1,497.0	783.6
Libraries, information centers.....	1.4	178.4	91.3	51.2	21.3	12.7
Correspondence and vocational schools.....	.8	160.4	66.7	41.6	16.4	11.4
Schools, educational services, n.e.c. ³	1.9	363.7	157.5	43.3	38.2	25.3
Social services.....	41.0	8,294.9	4,124.2	49.7	962.3	676.5
Individual and family social services.....	12.4	2,236.9	1,143.4	51.1	266.0	167.4
Job training, vocational rehabilitation services.....	3.4	1,048.4	610.7	58.3	133.9	138.4
Child day-care services.....	10.6	829.2	494.8	59.7	123.6	102.4
Residential care.....	5.6	1,857.4	880.8	47.4	209.6	135.1
Social services, n.e.c. ³	8.9	2,323.0	994.5	42.8	229.1	133.2
Museums, art galleries, botanical, zoological gardens ²	2.3	613.1	267.0	43.5	62.4	32.6
Noncommercial.....	1.8	483.1	210.6	43.6	50.3	25.4
Museums, botanical, zoological gardens (commercial).....	.4	130.0	56.3	43.3	12.1	7.2
Membership organization, except religious.....	82.7	12,067.8	4,407.2	36.5	1,075.0	600.1
Business associations.....	11.7	2,308.4	821.6	35.6	200.6	68.8
Professional membership organization.....	4.9	1,284.6	432.3	33.7	104.7	34.6
Labor unions, similar labor organizations.....	23.4	3,468.4	1,303.7	37.6	316.6	179.0
Civic, social, fraternal associations.....	34.1	3,606.5	1,341.5	37.2	330.7	255.9
Political organizations.....	1.1	109.9	30.5	27.8	7.6	3.7
Membership organizations, n.e.c. ³	7.4	1,290.0	477.5	37.0	114.8	57.9
Noncommercial ed., scientific, research organizations.....	1.9	1,437.3	594.7	41.4	146.9	47.8
All other industries.....	3.7	1,065.5	457.4	42.9	106.2	44.2

¹ For week including March 12. ² For similar data on taxable establishments, see table 1516. ³ N.e.c.=Not elsewhere classified. ⁴ Excludes schools operated by religious organizations.

Source: U.S. Bureau of the Census, *Census of Service Industries*, 1977, *Geographic Area Series*, SC 77-A-53.

NO. 1520. TAXABLE SERVICE INDUSTRIES—SUMMARY: 1977

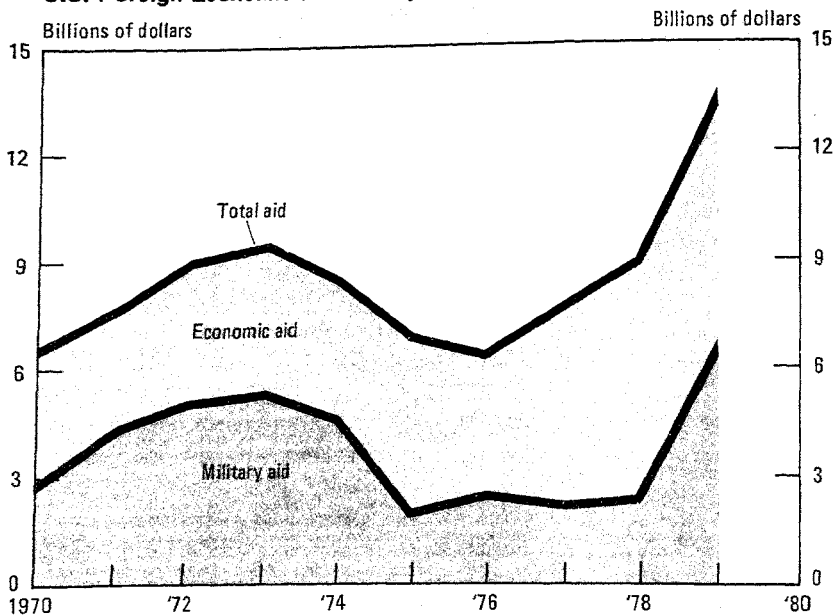
[Includes only nongovernment establishments. Data provided for those taxable service industries covered for the first time in the 1977 Census of Service Industries and are preliminary]

KIND OF BUSINESS OR OPERATION	ALL ESTABLISHMENTS		ESTABLISHMENTS WITH PAYROLL					
	Number (1,000)	Re- ceipts (mil. dol.)	Number (1,000)	Re- ceipts (mil. dol.)	Payroll			Paid employ- ees ¹ (1,000)
					Entire year (mil. dol.)	As per- cent of re- ceipts	First quarter (mil. dol.)	
Taxable service industries	944.2	76,211.6	363.7	68,122.7	27,766.4	40.8	6,653.5	2,587.6
Arrangement of passenger trans- portation	19.4	1,727.3	13.2	1,599.8	631.5	39.5	146.7	69.8
Travel agencies.....	(NA)	(NA)	10.9	1,131.0	463.0	40.9	107.4	52.3
Tour operators.....	(NA)	(NA)	1.2	353.5	123.5	34.9	29.0	11.5
Other services.....	(NA)	(NA)	1.2	115.3	45.0	39.0	10.4	5.9
Rooming, boarding, and member- ship lodging	9.0	301.9	3.1	234.4	59.5	25.4	16.8	12.7
Rooming and boarding houses.....	(NA)	(NA)	2.4	182.6	46.0	25.2	13.3	9.8
Organization hotels, lodging houses, mem- bership basis.....	(NA)	(NA)	.7	51.8	13.5	26.1	3.5	2.9
Health service, exc. dental labs	433.8	58,181.9	272.4	54,645.9	22,378.8	41.0	5,334.0	1,988.0
Physicians offices.....	189.1	28,756.5	136.2	26,948.8	11,854.5	44.0	2,833.0	624.0
Physicians offices.....	(NA)	(NA)	136.2	26,948.8	11,842.9	43.9	2,830.2	622.3
Physicians associates for expense sharing.....	(NA)	(NA)	(x)	(x)	11.6	(x)		2.9
Dentist offices.....	99.3	10,007.2	82.7	9,528.7	3,043.9	31.9	727.1	284.4
Osteopathic physicians offices.....	5.9	776.3	5.2	755.0	307.7	40.8	72.9	20.3
Chiropractors offices.....	14.3	679.7	7.6	536.2	110.0	20.5	27.3	15.6
Optometrists offices.....	16.6	1,551.9	12.1	1,397.6	289.1	20.7	69.3	32.2
Nursing and personal care facilities	30.4	7,343.7	10.8	7,194.9	3,549.4	49.3	840.5	662.9
Skilled nursing care facilities.....	(NA)	(NA)	5.7	5,191.0	2,586.5	49.8	611.0	462.0
Nursing, personal care facilities, n.e.c. ²	(NA)	(NA)	5.0	2,003.9	962.9	48.1	229.6	200.9
Hospitals	1.0	4,743.9	1.0	4,743.9	1,793.3	37.8	426.2	202.8
Gen. med. and surgical hospitals.....	(NA)	(NA)	.8	4,281.8	1,595.1	37.3	380.3	180.4
Psychiatric hospitals.....	(NA)	(NA)	.1	300.9	128.5	42.7	29.6	14.3
Specialty hospitals, exc. psychiatric.....	(NA)	(NA)	.1	161.2	69.6	43.2	16.2	7.9
Medical laboratories.....	5.4	1,510.7	4.4	1,484.8	593.0	39.9	142.6	52.3
Other health services.....	71.7	2,812.0	12.5	2,056.1	837.9	40.8	195.1	93.7
Educational services	85.1	2,278.0	9.1	1,806.2	706.4	39.1	172.9	94.8
Elementary and secondary schools ³	(NA)	(NA)	2.2	273.1	144.5	52.9	38.2	25.8
Colleges, universities, professional schools, junior colleges.....	(NA)	(NA)	.1	150.6	69.1	45.9	16.2	7.8
Colleges, universities, professional schools.....	(NA)	(NA)	(z)	57.6	29.3	50.9	6.9	3.1
Junior colleges, technical schools.....	(NA)	(NA)	.1	93.0	38.7	42.7	9.3	4.7
Libraries, information centers.....	(NA)	(NA)	.2	9.9	4.9	49.5	1.3	.9
Correspondence and vocational schools	(NA)	(NA)	2.6	841.0	302.2	35.9	72.8	34.1
Correspondence schools.....	(NA)	(NA)	.2	140.5	39.2	27.9	10.3	4.0
Data processing schools.....	(NA)	(NA)	.1	49.3	18.7	37.9	4.3	1.6
Business, secretarial schools.....	(NA)	(NA)	.7	214.9	91.4	42.5	22.0	11.4
Voc. schools, exc. voc. high, n.e.c. ²	(NA)	(NA)	1.5	436.4	152.9	35.0	36.1	17.1
Schools and educational serv., n.e.c. ²	(NA)	(NA)	4.0	531.5	185.7	34.9	44.3	26.2
Social services and misc.	396.9	13,722.6	65.8	9,836.3	3,990.2	40.6	983.2	422.3
Accounting, auditing, bookkeeping services.....	126.1	7,990.5	39.3	7,276.9	2,917.2	40.1	723.6	230.9
Social and other misc. services.....	270.7	5,732.1	26.4	2,559.4	1,072.9	41.9	259.5	191.4
Social services	(NA)	(NA)	23.1	2,038.5	865.9	42.5	208.1	177.4
Individual, family social services.....	(NA)	(NA)	2.0	201.5	94.2	46.7	22.1	15.6
Job training, voc. rehab. serv.....	(NA)	(NA)	.7	187.1	89.2	47.7	19.0	13.2
Child day care services.....	(NA)	(NA)	14.2	759.6	338.8	44.6	85.3	87.5
Residential care.....	(NA)	(NA)	4.6	666.0	253.4	38.0	60.6	49.6
Social services, n.e.c. ²	(NA)	(NA)	1.6	224.3	90.3	40.3	21.1	11.6
Other miscellaneous services	(NA)	(NA)	3.3	521.0	207.1	39.8	51.4	14.0
Noncommercial educational, scientific, and research organizations.....	(NA)	(NA)	.4	81.7	32.9	40.3	7.8	2.4
Services, n.e.c. ²	(NA)	(NA)	3.0	439.2	174.2	39.7	43.6	11.5

NA Not available. X Not applicable. Z Less than 50. ¹ For the week including March 12. ² N.e.c.—Not elsewhere classified. ³ Excludes schools operated by religious organizations.

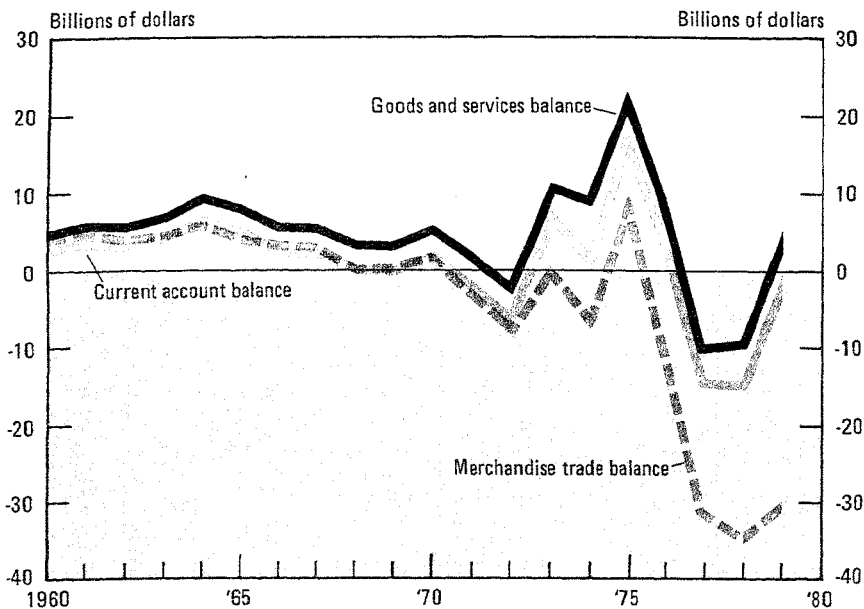
Source: U.S. Bureau of the Census, *Census of Service Industries, 1977, Geographic Area Series*, SC 71-A-53.

Figure 31.1

U.S. Foreign Economic and Military Aid: 1970 to 1979

Source: Chart prepared by U.S. Bureau of the Census. For data, see table 1532.

Figure 31.2

U.S. International Transaction Balances: 1960 to 1979

Source: Chart prepared by U.S. Bureau of the Census. For data, see table 1521.

Foreign Commerce and Aid

This section presents data on the flow of goods, services, and capital between the United States and other countries; changes in official reserve assets of the United States; international investments; foreign assistance programs; and import duties.

The Bureau of Economic Analysis publishes current figures on U.S. international transactions and the U.S. international investment position in its monthly *Survey of Current Business*. Figures for earlier periods are presented in *Balance of Payments—Statistical Supplement*, 1963 revised edition, in the periodic *Foreign Grants and Credits by the United States Government*, and in the June issues of the *Survey of Current Business*. Statistics for the foreign aid programs are presented by the Agency for International Development (AID) in its annual *Operations Report* and its annual *U.S. Overseas Loans and Grants and Assistance from International Organizations*; and by the Department of Agriculture in its *Foreign Agricultural Trade of the United States*.

The principal source of merchandise import and export data is the Bureau of the Census. Current data are presented monthly in Report FT 135, *U.S. General Imports, Schedule A: Commodity by Country*; Report FT 410, *U.S. Exports, Schedule E: Commodity by Country*; and Report FT 990, *Highlights of U.S. Export and Import Trade*. The *Bureau of the Census Catalog* and the *Guide to Foreign Trade Statistics* lists the Bureau's monthly and annual reports in this field. In addition, the International Trade Administration and the Bureau of Economic Analysis present summary as well as selected commodity and country data for U.S. foreign trade in the *Overseas Business Reports* and the *Survey of Current Business*, respectively. The merchandise trade data in the latter source include balance of payments adjustments to the census data. The Treasury Department's *Annual Report of the Secretary* contains information on import duties.

International accounts.—The international transactions tables (Nos. 1521–1523) show, for given time periods, the transfer of goods, services, grants, and financial assets and liabilities between the United States and the rest of the world. The international investment position table (No. 1525) presents, for specific dates, the value of U.S. investments abroad and of foreign investments in the United States. The movement of foreign and U.S. capital as presented in the balance of payments is not the only factor affecting the total value of foreign investments. Among the other factors are: Changes in the valuation of assets or liabilities, including securities, defaults, expropriations, and write-offs.

Direct investment abroad means ownership or control, direct or indirect, by one U.S. person or business enterprise of 10 percent or more of the voting securities of an incorporated foreign business enterprise or an equivalent interest in an unincorporated foreign business enterprise. Direct investment position is the yearend value of U.S. parents' claims on the equity of, and receivables due from, foreign affiliates less foreign affiliates' receivables due from the United States Income consists of U.S. parents' shares in earnings (net of foreign income taxes) of their foreign affiliates plus net interest on intercompany accounts, less withholding taxes on dividends and interests.

Foreign aid.—Foreign assistance is divided into three major categories—grants (military supplies and services and other grants), credits, and other assistance (through net accumulation of foreign currency claims from the sale of agricultural commodities). *Grants* are transfers for which no payment is expected (other than a limited percentage of the foreign currency "counterpart" funds generated by the grant), or which at most involve an obligation on the part of the receiver to extend aid to the United States or other countries to achieve a common objective. *Credits* are loan disbursements or transfers under other agreements which give rise to specific obligations to repay, over a period of years, usually with interest. All known returns to the U.S. Government stemming from grants and credits (reverse grants, returns of grants, and payments of principal) are taken into account in net grants and net credits, but no allow-

ance is made for interest or commissions. *Other assistance* represents the transfer of U.S. farm products in exchange for foreign currencies (plus, since enactment of Public Law 87-128, currency claims from principal and interest collected on credits extended under the farm products program), less the Government's disbursements of the currencies as grants, credits, or for purchases. The net acquisition of currencies represents net transfers of resources to foreign countries under the agricultural programs, in addition to those classified as grants or credits.

Figures as published in the *Foreign Grants and Credits* series are not identical with figures shown for Government unilateral transfers and capital in the balance of payments, mainly because of differences in treatment of particular items by the two sets of accounts. Such items include contributions to the multilateral construction program of the North Atlantic Treaty Organization, government investments in certain productive enterprises abroad, government receipts on funded claims, and net changes in foreign currency holdings resulting from transactions other than those under the farm products program, such as collections of principal and interest and purchases for dollars.

The basic instrument for extending military aid to friendly nations has been the Mutual Defense Assistance Program authorized by the Congress in 1949. Prior to 1952, economic and technical aid was authorized in the Foreign Assistance Act of 1948, the 1950 Act for International Development, and other legislation which set up programs for specific countries. In 1952, these economic, technical, and military aid programs were combined under the Mutual Security Act, which in turn was followed by the Foreign Assistance Act passed in 1961. Appropriations to provide military assistance to certain countries in Southeast Asia were made in the Department of Defense Appropriation Act (rather than the Foreign Assistance Appropriation Act) beginning in 1966 and in other legislation concerning programs for specific countries (such as Israel). Figures on activity under the Foreign Assistance Act as reported in the *Foreign Grants and Credits* series differ from data published by AID or its immediate predecessors due largely to differences in reporting, timing, and treatment of particular items.

Exports.—The Bureau of the Census compiles export data primarily from Shipper's Export Declarations required to be filed with customs officials for shipments leaving the United States. They include U.S. exports under mutual security programs and exclude shipments to U.S. Armed Forces for their own use.

The value reported in the export statistics is generally equivalent to a free alongside ship (f.a.s.) value at the U.S. port of export, based on the transaction price, including inland freight, insurance, and other charges incurred in placing the merchandise alongside the carrier at the U.S. port of exportation. This value, as defined, excludes the cost of loading merchandise aboard the exporting carrier and also excludes freight, insurance, and any other charges or transportation and other costs beyond the U.S. port of exportation. The country of destination is defined as the country of ultimate destination or country where the merchandise is to be consumed, further processed, or manufactured, as known to the shipper at the time of exportation. When ultimate destination is not known, the shipment is statistically credited to the last country to which the shipper knows the merchandise will be shipped in the same form as exported.

For certain low-valued shipments, the export statistics since 1953 include estimates based upon selected samples of such shipments with lower and upper value limits of the sampled shipments varying (Canada excepted) from \$100-\$499 for 1953-1969, \$251-\$499 for 1969-1978, and \$501-\$999 since March 1979. For Canada, upper-value limits were raised to \$1,999 in 1963, and lower-value to \$251 and \$501 in 1969 and 1979, respectively. Shipments valued below lower limits (under \$100, under \$251, and under \$501) for the different periods are estimated to represent about 1 percent of the total value of exports, and the over \$251 shipments about 3 percent.

Beginning January 1978, the Export Classification Schedule was based upon Schedule E, Standard International Trade Classification, Revision 2. This revision affects the comparability of some export statistics.

Imports.—The Bureau of the Census compiles import data from various customs forms required to be filed with customs officials. Since 1974, data on import values are presented on three bases: The transaction values f.a.s. (free alongside ship) at the foreign port of export, the c.i.f. (cost, insurance, and freight), and the previously reported customs import value (as appraised by the U.S. Customs Service in accordance with legal requirements of the Tariff Act of 1930, as amended). This latter valuation, primarily used for collection of import duties, frequently does not reflect the actual transaction value. Country of origin is defined as country where the merchandise was grown, mined, or manufactured. If country of origin is unknown, country of shipment is reported.

Imports are classified either as "General Imports" or "Imports for Consumption." General imports are a combination of entries for immediate consumption and entries into customs bonded warehouses, and thus generally reflect total arrivals of merchandise. Imports for consumption are a combination of entries for immediate consumption and withdrawals from warehouses for consumption, and thus generally reflect the total of the commodities entered into U.S. consumption channels.

The import statistics include, since 1953, estimates, not classified by commodity, for certain low-valued shipments. For 1953-1965, entries valued under \$100, in general, were estimated, while entries valued under \$251 have been estimated since July 1965. The estimated low-valued shipments generally amount to about 1 percent of the import total.

Area coverage.—Except as noted, the geographic area covered by the export and import trade statistics is the United States customs area, which includes the 50 States, the District of Columbia, and Puerto Rico.

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. 1521. U.S. INTERNATIONAL TRANSACTIONS—SUMMARY: 1960 TO 1980

[In billions of dollars. Reserve assets are for end of period. Minus sign (–) denotes debit. See headnote, table 1522]

YEAR	Merchandise trade balance ¹	Net investment income	Net military transactions	Net travel and transportation receipts	Other services, net	Balance on goods and services	Unilateral transfers ¹	Balance on current account ²	Net foreign assets in U.S.	Net U.S. assets abroad	Net U.S. official reserve assets
1960.....	4.9	3.4	-2.8	-1.0	-6	5.1	-2.3	2.8	2.3	-4.1	19.4
1965.....	5.0	5.3	-2.1	-1.3	1.4	8.3	-2.9	5.4	.7	-5.7	15.5
1966.....	3.8	5.0	-2.9	-1.3	1.4	6.0	-2.9	3.0	3.7	-7.3	14.9
1967.....	3.8	5.3	-3.2	-1.8	1.6	5.7	-3.1	2.6	7.4	-9.8	14.8
1968.....	.6	6.0	-3.1	-1.5	1.6	3.6	-3.0	.6	9.9	-11.0	15.7
1969.....	.6	6.0	-3.3	-1.8	1.8	3.4	-3.0	.4	12.7	-11.6	17.0
1970.....	2.6	6.2	-3.4	-2.0	2.2	5.6	-3.3	2.3	6.4	-9.3	14.5
1971.....	-2.3	7.3	-2.9	-2.3	2.5	2.3	-3.7	-1.4	23.0	-12.5	12.2
1972.....	-6.4	8.2	-3.4	-3.1	2.8	-1.9	-3.9	-5.8	21.5	-14.5	13.2
1973.....	.9	12.2	-2.1	-3.2	3.2	11.0	-3.9	7.1	18.4	-22.9	14.4
1974.....	-5.3	15.5	-1.7	-3.2	4.0	9.3	-7.2	2.1	34.2	-34.7	15.9
1975.....	9.0	12.8	-.7	-2.8	4.6	22.9	-4.6	18.3	15.7	-39.7	16.2
1976.....	-9.3	16.0	.6	-2.6	4.7	9.4	-5.0	4.4	36.5	-51.3	18.7
1977.....	-30.9	18.0	1.6	-3.3	5.1	-9.5	-4.6	-14.1	50.7	-35.8	19.3
1978.....	-33.8	20.9	.9	-3.2	6.0	-9.2	-5.1	-14.3	64.1	-61.2	18.7
1979.....	-29.5	32.5	-1.3	-2.7	5.8	4.9	-5.7	-.8	37.6	-61.7	18.9
1980:											
1st qtr.....	-11.1	10.2	-.9	-.2	1.5	-.6	-1.8	-2.5	7.2	-13.0	21.4
2d qtr.....	-6.0	6.6	-1.1	-.5	1.4	-.5	-1.2	-.7	5.8	-26.7	21.9

¹ Excludes military grants.

² Current account balance=Balance on goods and services minus unilateral transfers. Source: U.S. Council of Economic Advisers, *Economic Indicators*, monthly and *Economic Report to the President*, annual. Data from U.S. Bureau of Economic Analysis and U.S. Dept. of the Treasury.

NO. 1522. U.S. INTERNATIONAL TRANSACTIONS: 1960 TO 1980

[in millions of dollars, 1980 data are for first 6 months only. Minus sign (-) denotes debits. The account definition has been changed to include reinvested earnings. Historical data have been revised accordingly. See also *Historical Statistics, Colonial Times to 1970, series U 1-25*]

Investments and

TYPE OF TRANSACTION	1960	1965	1970	1971	1972	1973	1974	1975	1976	1977	1978	1979	1980
Exports of goods and services¹	28,861	41,086	65,673	68,837	77,495	110,241	145,666	155,729	171,630	184,705	201,036	286,608	167,978
Merchandise, excl. military ²	19,850	26,461	42,469	43,319	49,381	71,410	98,306	107,088	114,745	120,816	142,054	182,055	110,373
Transfers under U.S. military agency sales contracts	335	830	1,501	1,926	1,364	2,559	3,379	4,049	5,454	7,451	8,240	7,184	2,985
Travel and transportation	2,701	3,826	6,000	6,448	7,095	8,852	10,833	11,576	13,718	14,780	17,095	20,284	12,860
Miscellaneous services	1,560	2,533	3,957	4,438	4,991	5,611	6,561	7,666	8,426	9,072	10,677	11,005	5,684
Income on U.S. assets abroad ^{3,4}	4,616	7,436	11,746	12,706	14,764	21,808	27,587	25,351	29,266	32,587	42,972	65,370	37,757
Transfers of goods and services under U.S. military grants, net	1,695	1,636	2,713	3,546	4,492	2,810	1,818	2,207	373	204	236	305	296
Imports of goods and services	-23,729	-32,801	-60,050	-66,569	-79,435	-99,219	-137,357	-132,836	-182,248	-194,169	-230,240	-281,630	-168,112
Merchandise, excl. military ²	-14,758	-21,510	-39,866	-45,579	-55,737	-70,499	-103,609	-96,041	-124,051	-151,689	-175,813	-211,524	-127,500
Direct defense expenditures	-3,087	-2,952	-4,855	-4,819	-4,784	-4,629	-4,003	-4,388	-4,895	-5,052	-7,354	-8,469	-4,951
Travel and transportation	-3,665	-5,106	-8,038	-8,793	-10,158	-12,010	-14,012	-14,368	-16,278	-18,073	-20,283	-22,979	-11,996
Miscellaneous services	-981	-1,146	-1,777	-1,943	-2,125	-2,427	-2,575	-3,068	-3,275	-3,686	-4,718	-5,199	-2,729
Income on foreign assets in U.S. ^{3,4}	-1,237	-2,068	-5,516	-5,436	-6,572	-9,655	-12,084	-12,564	-13,311	-14,596	-22,073	-33,460	-20,936
U.S. military grants of goods and services, net	-1,695	-1,636	-2,713	-3,546	-4,492	-2,810	-1,818	-2,207	-373	-204	-236	-305	-296
Unilateral transfers (excl. military grants), net	-2,308	-2,854	-3,294	-3,701	-3,854	-3,881	-7,187	-4,513	-4,998	-4,605	-5,055	-5,666	-3,055
U.S. Government grants	-1,672	-1,808	-1,736	-2,043	-2,173	-1,938	-5,475	-2,894	-3,146	-2,775	-3,171	-3,524	-1,932
U.S. Govt. pensions, private remittances, other transfers	-637	-1,046	-1,558	-1,659	-1,681	-1,943	-1,711	-1,719	-1,851	-1,830	-1,884	-2,142	-1,124
U.S. assets abroad, net (increase/capital outflow)	-4,099	-5,715	-9,936	-12,474	-14,497	-22,874	-34,745	-39,703	-51,269	-35,793	-61,191	-61,748	-39,623
U.S. official assets, net	2,145	1,225	2,481	2,349	-4	158	-1,467	-849	-2,558	-375	732	-1,107	-2,773
U.S. Govt. assets, other than official reserve assets, net	-1,100	-1,605	-1,589	-1,884	-1,568	-2,644	366	3,474	4,214	3,693	4,644	3,783	-2,752
U.S. loans and other long-term assets	-1,214	-2,463	-3,293	-4,181	-3,819	-4,638	-5,001	-5,941	-6,943	-6,943	-7,470	-7,651	-4,981
Repayments on U.S. loans ⁵	642	874	1,721	2,115	2,086	2,596	4,826	2,475	2,596	2,719	2,942	3,852	2,059
U.S. foreign currency holdings and U.S. short-term assets, net	-528	-16	-16	182	165	-602	5,541	-9	133	33	-115	16	169

U.S. private assets, net.....	-5,144	-5,335	-10,228	-12,939	-12,925	-20,388	-33,643	-35,380	-44,498	-31,725	-57,279	-56,858	-34,098
Direct investments abroad ¹	-2,940	-5,010	-7,589	-7,617	-7,747	-11,353	-9,052	-14,244	-11,949	-12,898	-16,345	-24,319	-9,347
Foreign securities.....	-663	-759	-1,076	-1,113	-618	-671	-1,854	-6,247	-8,885	-5,460	-3,450	-4,643	-2,080
U.S. claims on unaffiliated foreigners report- ed by U.S. nonbanking concerns.....	-394	341	-596	-1,229	-1,054	-2,383	-3,221	-1,357	-2,296	-1,940	-3,853	-2,029	7 -1,474
U.S. claims reported by U.S. banks, n.e. ²	-1,148	93	-967	-2,980	-3,506	-5,990	-19,516	-13,532	-21,368	-11,427	-33,631	-25,868	-21,187
Long-term.....	-153	-232	155	-612	-1,307	-933	-1,163	-2,357	-2,362	-751	(NA)	(NA)	(NA)
Short-term.....	-995	325	-1,122	-2,368	-2,199	-5,047	-18,333	-11,175	-19,006	-10,676	(NA)	(NA)	(NA)
Foreign assets in the U.S., net (increase/ capital inflow (+)).....	2,294	742	6,359	22,970	21,461	18,368	34,241	15,670	36,518	50,741	64,096	37,575	12,954
Foreign official assets in the U.S., net.....	1,473	134	6,908	26,879	10,475	6,026	10,546	7,027	17,693	36,575	33,293	-14,271	601
Other foreign assets in the U.S., net.....	821	607	-550	-3,909	10,986	12,362	23,696	8,643	18,826	14,167	30,804	51,845	12,353
Direct investments in U.S. ⁴	315	415	1,464	367	949	2,800	4,760	2,603	4,347	3,728	7,697	9,713	3,821
U.S. Treasury securities.....	-364	-131	81	-24	-39	-216	697	2,590	2,783	534	⁹ 2,197	⁹ 4,830	2,052
U.S. securities other than U.S. Treasury securities.....	282	-358	2,189	2,289	4,507	4,041	378	2,503	1,284	2,713	2,811	2,942	3,777
U.S. liabilities to unaffiliated foreigners re- ported by U.S. nonbanking concerns.....	-90	178	2,014	369	815	1,035	1,844	319	-578	473	1,640	1,692	⁷ 683
U.S. liabilities reported by U.S. banks, n.e. ²	678	503	-6,298	-6,911	4,754	4,702	16,017	628	10,990	6,719	16,259	32,668	2,021
Long-term.....	6	241	23	-250	149	227	9	-280	231	373	(NA)	(NA)	(NA)
Short-term.....	672	262	-6,321	-6,661	4,605	4,475	16,008	908	10,759	6,346	(NA)	(NA)	(NA)
Allocations of special drawing rights.....	-	-	867	717	710	-	-	-	-	-	-	1,139	7 1,152
Statistical discrepancy (sum of above items with sign reversed).....	-1,019	-458	-219	-9,779	-1,879	-2,654	-1,620	5,753	10,367	-880	11,354	23,822	28,706

- Represents zero. NA Not available. ¹ Excludes transfers of goods and services under U.S. military grant programs. ² Excludes exports of goods under U.S. military agency sales contracts identified in Bureau of the Census export documents. ³ Excludes imports of goods under direct defense expenditures identified in Census import documents, and reflects various other adjustments (for valuation, coverage, and timing) of Census statistics. ⁴ Consists of interest, dividends, and earnings of unincorporated affiliates. ⁵ Includes reinvested earnings of foreign incorporated affiliates of U.S. firms, or of U.S. incorporated affiliates of foreign firms. ⁶ Includes extraordinary U.S. Govt. transactions with India. ⁷ Includes sales of foreign obligations to foreigners. ⁸ 1st qtr only. ⁹ Not included elsewhere. ¹⁰ Includes foreign currency notes sold to private residents abroad.

Source: U.S. Bureau of Economic Analysis, *Survey of Current Business*, June and September 1960.

NO. 1523. U.S. BALANCES ON INTERNATIONAL TRANSACTIONS, BY AREAS AND SELECTED COUNTRIES: 1977 TO 1979

[In millions of dollars. Balances by area have some shortcomings due to statistical discrepancies including errors, omissions, and incorrect area attributions. Minus sign (-) denotes debits]

AREA OR COUNTRY	1977, BALANCE ON—			1978, BALANCE ON—			1979, BALANCE ON—		
	Mer- chandise trade ¹	Goods and services	Current account	Mer- chandise trade ¹	Goods and services	Current account	Mer- chandise trade ¹	Goods and services	Current account
All areas.....	-30,873	-9,464	-14,068	-33,759	-9,204	-14,259	-29,469	4,878	-788
<i>European Economic Community ²</i>	4,374	2,909	3,082	2,720	1,217	1,579	9,164	11,014	11,360
United Kingdom.....	900	742	754	802	533	648	2,785	5,933	6,068
Belgium-Luxembourg.....	1,718	1,849	1,842	1,920	2,086	2,078	3,423	4,442	4,433
France.....	490	721	674	190	719	674	833	1,359	1,306
Germany.....	-1,399	-2,992	-2,576	-2,766	-4,411	-3,890	-2,276	-4,843	-4,312
Italy.....	-248	-300	-449	-737	-773	-943	-469	-583	-781
Netherlands.....	2,694	2,548	2,535	3,253	2,814	2,804	4,275	3,783	3,771
Other Western Europe.....	1,494	1,544	1,129	208	-23	-467	3,097	2,777	2,267
Eastern Europe.....	1,768	1,968	1,899	2,385	2,559	2,484	4,099	4,432	4,343
Canada.....	-1,112	5,040	4,938	-2,323	4,686	4,559	-2,423	6,751	6,602
Latin America, other									
West Hemisphere	-3,243	2,649	1,900	-1,008	6,654	5,832	-2,003	8,279	7,260
Japan ³	-7,999	-8,083	-8,128	-11,581	-11,710	-11,782	-8,628	-8,601	-8,667
Australia, South Africa ⁴ ...	985	2,436	2,404	-227	1,848	1,813	-59	2,263	2,222
Other Asia and Africa.....	-26,486	-16,911	-19,981	-23,181	-13,093	-16,571	-31,531	-20,502	-24,296
Int'l. and unallocated.....	-654	-1,015	-1,312	-752	-1,343	-1,706	-1,185	-1,536	-1,878

¹ Adjusted to balance of payments basis; excludes exports under U.S. military sales contracts and imports under direct defense expenditures. ² Includes Denmark, Ireland, European Atomic Energy Community, European Coal and Steel Community, and European Investment Bank, not shown separately. ³ Includes Ryukyu Islands. ⁴ Includes New Zealand.

Source: U.S. Bureau of Economic Analysis, *Survey of Current Business*, June 1979 and June 1980.

NO. 1524. MERCHANDISE TRADE AND CURRENT ACCOUNT BALANCES FOR THE WORLD AND SELECTED COUNTRIES: 1970 TO 1979

[In billions of U.S. dollars. Excludes Communist countries. Minus sign (-) denotes debit]

AREA AND COUNTRY	1970	1971	1972	1973	1974	1975	1976	1977	1978	1979
World merchandise trade balance ¹	(NA)	(NA)	(NA)	20.4	19.2	18.3	14.3	14.7	21.6	17.5
Developed countries.....	(NA)	(NA)	10.4	9.9	-22.7	9.4	-14.0	-18.4	7.6	-35.4
United States.....	2.6	-2.3	-6.4	.9	-5.3	9.0	-9.3	-30.9	-33.9	-29.4
Canada.....	3.2	2.8	2.1	3.0	1.9	-4	1.7	2.9	3.6	3.8
Japan.....	4.0	7.8	8.9	3.7	1.4	5.0	9.8	17.1	25.3	1.8
European Community ¹	1.9	6.8	7.9	5.4	-6.8	6.6	-4.5	4.7	16.2	-8.0
France.....	-1	.7	.8	.7	-4.3	1.0	-4.6	-2.7	.7	-1.6
Germany, Fed. Rep. of.....	5.6	6.4	7.9	14.8	20.7	15.9	15.2	18.4	23.2	14.7
Italy.....	-1.9	.6	.8	-3.7	-8.5	-1.2	-4.2	-.1	2.9	-1.0
United Kingdom.....	-.1	.5	-1.9	-6.3	-12.5	-7.4	-7.0	-4.0	-3.0	-7.1
Other developed countries.....	-3.8	-3.8	-2.1	-3.1	-13.9	-10.8	-11.6	-12.3	-3.5	-3.5
Developing countries.....	(NA)	(NA)	(NA)	9.7	42.7	9.1	27.6	31.9	11.7	51.5
Oil exporting countries.....	(NA)	(NA)	(NA)	18.2	68.4	43.5	50.9	50.1	34.7	82.2
Other.....	(NA)	(NA)	(NA)	-8.5	-25.6	-34.4	-23.3	-18.2	-22.9	-30.8
World current account balances ^{1,2}	(NA)	(NA)	(NA)	10.1	4.1	-6.3	-11.3	-17.3	-10.3	-22.4
OECD ³	(NA)	(NA)	(NA)	10.8	-24.6	5.1	-13.6	-18.8	13.0	-27.8
United States.....	2.3	-1.5	-5.8	7.1	2.1	18.4	4.4	-14.0	-14.5	-.7
Canada.....	1.1	.4	-.4	1	-1.5	-4.7	-3.9	-4.1	-4.4	-4.4
Japan.....	(NA)	(NA)	(NA)	-.1	-4.7	-.6	3.7	10.9	17.5	-8.7
European Community ¹	.4	4.8	4.9	2.0	-10.2	1.1	-6.7	.1	15.7	-14.2
France.....	-.3	.1	-.3	-.6	-5.8	(-2)	-5.9	-3.0	3.8	1.5
Germany, Fed. Rep. of.....	.7	.8	7	4.5	10.2	3.7	3.5	4.0	8.6	-6.4
Italy.....	-.7	2.0	2.8	-2.2	-8.0	-.6	-2.8	2.4	6.4	5.1
United Kingdom.....	1.9	2.6	.5	-2.6	-7.9	-3.8	-2.0	-.5	1.1	-3.8
Developing countries.....	(NA)	(NA)	(NA)	-1.3	29.8	-10.9	2.0	.6	-25.0	5.3
Oil exporting countries.....	(NA)	(NA)	(NA)	5.4	53.9	24.4	26.4	19.3	-1.5	38.9
Other.....	(NA)	(NA)	(NA)	-6.6	-24.1	-35.3	-24.4	-18.7	-23.5	-33.5

NA Not available. Z Less than \$50 million. ¹ Includes countries not shown separately. ² See footnote 2, table 1521. ³ Organization for Economic Co-operation and Development.

Source: International Monetary Fund, Washington, D.C. *International Financial Statistics*, monthly.

NO. 1525. INTERNATIONAL INVESTMENT POSITION, 1950 TO 1979, AND BY SELECTED AREAS, 1979

(In billions of dollars. Estimates for end of year; subject to considerable error due to nature of basic data. Direct investments at book value; other types at market or face values. See *Historical Statistics, Colonial Times to 1970*, series U 26-39, for similar data)

TYPE OF INVESTMENT	1950	1955	1960	1965	1970	1971	1972
U.S. net international investment position.....	36.7	37.2	44.7	61.6	58.6	56.1	49.6
U.S. assets abroad.....	54.4	65.1	85.6	120.4	165.5	179.5	199.5
U.S. official reserve assets.....	24.3	22.8	19.4	15.5	14.5	12.2	13.2
U.S. Government assets, other.....	11.1	13.1	17.0	23.5	32.1	34.2	36.1
U.S. private assets.....	19.0	29.1	49.2	81.4	118.8	133.1	150.3
Foreign assets in U.S.	17.6	27.8	40.9	58.8	106.8	123.3	149.9
Foreign official assets.....	(NA)	(NA)	12.4	16.8	26.1	52.5	63.2
Other foreign assets.....	(NA)	(NA)	28.5	42.0	80.7	70.9	86.7

TYPE OF INVESTMENT	1973	1974	1975	1976	1977	1978	1979			
							Total ²	Western Europe	Canada	Latin America ³
U.S. net international investment position.....	47.6	58.3	74.6	82.5	72.3	75.3	95.0	-74.1	63.1	67.0
U.S. assets abroad.....	222.5	255.7	295.1	347.2	383.0	450.9	513.2	156.3	87.6	129.9
U.S. official reserve assets.....	14.4	15.9	16.2	18.7	19.3	18.7	18.9	2.3	(Z)	-
U.S. Government assets, other.....	38.8	38.4	41.8	46.0	49.6	54.2	58.5	10.1	.3	11.3
U.S. loans and other long-term assets.....	36.2	36.3	39.8	44.1	47.8	52.3	56.5	9.9	.2	11.3
U.S. foreign currency holdings and short-term assets.....	2.6	2.1	2.0	1.9	1.8	1.9	1.9	.2	(Z)	(Z)
U.S. private assets.....	169.3	201.5	237.1	282.4	314.1	378.0	435.8	143.9	87.4	118.6
Direct investments abroad.....	101.3	110.1	124.1	136.8	149.8	167.8	192.6	81.5	41.0	36.8
Foreign securities.....	27.5	28.2	34.9	44.2	49.4	53.4	56.7	11.9	32.5	3.0
U.S. claims on unaffiliated foreigners ⁴	13.8	17.0	18.3	20.3	22.3	26.1	29.9	10.9	5.4	8.5
Short-term.....	8.7	11.5	12.4	14.4	16.2	20.0	(NA)	(NA)	(NA)	(NA)
U.S. claims reported by U.S. banks ⁵	26.7	46.2	59.8	81.1	92.6	130.7	156.6	39.6	8.4	70.2
Short term.....	20.7	39.1	50.2	69.2	79.9	(NA)	(NA)	(NA)	(NA)	(NA)
Foreign assets in the U.S.	174.9	197.4	220.5	264.7	310.6	375.5	418.2	230.3	24.5	62.8
Foreign official assets in the U.S. ⁶	69.6	80.3	86.9	105.6	141.9	174.8	189.3	87.7	2.1	6.6
U.S. Government securities.....	53.8	57.7	63.6	74.0	106.8	130.9	108.3	(⁷)	(⁷)	(⁷)
Other U.S. Government liabilities.....	2.8	3.5	4.2	8.8	9.9	12.2	11.5	2.7	(⁷)	(⁷)
U.S. liabilities reported by U.S. banks ⁸	12.6	18.4	16.3	17.2	18.0	23.3	30.5	(⁷)	(⁷)	(⁷)
Other foreign assets in the U.S.	105.3	117.1	133.6	159.1	168.7	200.7	257.9	142.6	22.4	56.3
Direct investments.....	20.6	25.1	27.7	30.8	34.6	42.5	52.3	36.0	7.0	4.8
U.S. securities ⁹	46.1	34.9	45.3	54.8	52.9	55.4	61.9	45.1	8.1	3.6
U.S. liabilities to unaffiliated foreigners ⁴	11.7	13.6	13.9	13.0	13.4	15.1	18.2	9.7	1.2	2.8
U.S. long-term liabilities ⁹	1.2	1.2	.9	1.1	1.5					
U.S. short-term liabilities ^{9,10}	24.8	40.7	41.6	52.4	58.7	77.9	110.5	(¹⁰)	(¹⁰)	(¹⁰)
U.S. Treasury securities.....	1.0	1.7	4.2	7.0	7.6	9.9	15.0			

- Represents zero. NA Not available. Z Less than \$50 million. ¹ Includes holdings of international and regional organizations that were shifted to "other foreign assets" in subsequent periods. ² Includes other countries, international organizations, unallocated, not shown separately. ³ Includes other Western Hemisphere. ⁴ Reported by U.S. nonbanking concerns. ⁵ Not included elsewhere. ⁶ Includes assets not shown separately. ⁷ Data included in "Foreign official assets in the U.S." ⁸ Excludes U.S. Treasury securities. ⁹ Reported by U.S. banks. ¹⁰ Data included in "Other foreign assets in the U.S." ¹¹ Includes U.S. Treasury notes denominated in foreign currencies, sold through foreign central banks to domestic residents in country of issue; these notes are subject to restricted transferability.

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

NO. 1526. U.S. RESERVE ASSETS: 1960 TO 1980

(In billions of dollars. As of end of year, except 1980 for August)

TYPE	1960	1965	1970	1972	1973	1974	1975	1976	1977	1978	1979	1980
Total.....	19.4	15.5	14.5	13.2	14.4	15.9	16.2	18.7	19.3	18.7	18.9	22.6
Gold stock ¹	17.8	13.8	11.1	10.5	11.7	11.7	11.6	11.6	11.7	11.7	11.2	11.2
Special drawing rights.....	-	-	.9	2.0	2.2	2.4	2.3	2.4	2.6	1.6	2.7	4.0
Convertible foreign currencies.....	-	.6	.2	(Z)	(Z)	(Z)	.1	.3	(Z)	4.4	3.8	5.8
Reserve position in IMF ²	1.6	.9	1.9	.5	.6	1.9	2.2	4.4	4.9	1.0	1.3	1.6

- Represents zero. Z Less than \$50 million. ¹ Includes gold in Exchange Stabilization Fund; excludes gold held under earmark at Federal Reserve banks for foreign and international accounts. Beginning 1974, gold assets were valued at \$42.22 pursuant to the amending of Section 2 of the Par Value Modification Act, PL-93-110, approved September 21, 1973.

² International Monetary Fund.

Source: Board of Governors of the Federal Reserve System, *Federal Reserve Bulletin*, monthly, and Department of the Treasury, *Treasury Bulletin*, October 1980.

**NO. 1527. U.S. INTERNATIONAL INVESTMENTS—RECEIPTS AND PAYMENTS, BY FOREIGN AREAS:
1966 TO 1979**

[In millions of dollars. Figures abstracted from the general pattern of balance of payments. "Direct" investments represent private enterprises in one country controlled by investors in another country or in the management of which foreign investors have an important voice. "Other private" investments represent long term miscellaneous holdings such as government or corporate bonds, interests in trusts, and estates, or bank loans. Minus (—) figures denote inflow of funds into the United States]

AREA AND TYPE OF INVESTMENT	1966		1970		1975		1978		1979	
	Re- ceipts	Pay- ments	Re- ceipts	Pay- ments	Re- ceipts	Pay- ments	Re- ceipts	Pay- ments	Re- ceipts	Pay- ments
Total, all areas.....	7,526	2,481	11,746	5,516	25,351	12,564	42,972	22,073	65,970	33,460
Direct.....	5,258	711	8,169	875	16,595	2,234	25,165	4,211	37,815	6,033
Other private.....	1,669	1,221	2,671	3,617	7,644	5,788	15,964	9,188	25,861	16,361
U.S. Government.....	599	549	907	1,024	1,112	4,542	1,843	8,674	2,294	11,066
Canada.....	1,857	389	2,424	618	5,127	1,076	6,486	1,101	9,554	1,773
Direct.....	1,292	156	1,518	71	3,412	430	3,339	354	5,339	591
Other private.....	565	159	905	373	1,700	384	3,130	607	4,199	988
U.S. Government.....	(2)	74	1	174	15	252	17	140	16	194
Western Hemisphere ¹.....	1,769	196	2,136	480	5,730	1,163	11,075	2,551	16,180	5,401
Direct.....	1,326	8	1,420	18	3,201	242	4,893	407	6,295	525
Other private.....	321	175	556	448	2,282	862	5,869	2,041	9,546	4,780
U.S. Government.....	122	13	160	14	247	59	313	103	339	96
Europe ².....	1,625	1,463	3,259	3,442	6,599	7,626	13,874	12,292	23,480	18,486
Direct.....	1,051	529	2,402	702	4,989	1,670	10,274	3,038	16,756	4,246
Other private.....	346	616	501	2,193	1,303	3,413	3,173	4,550	6,149	7,639
U.S. Government.....	228	318	356	547	307	2,543	427	4,704	575	6,601
Other countries ³.....	2,275	433	3,927	976	7,895	2,699	11,537	6,129	16,756	7,800
Direct.....	1,589	18	2,828	84	4,993	—108	6,659	412	9,425	671
Other private.....	437	271	709	603	2,359	1,119	3,792	1,990	5,967	2,954
U.S. Government.....	249	144	390	289	543	1,688	1,086	3,727	1,364	4,175

Z Less than \$500,000. ¹ Except Canada. ² Includes Finland, Spain, and Yugoslavia. ³ Includes international institutions and shipping companies operating under flags of the Bahamas, Honduras, and Panama.

Source: U.S. Bureau of Economic Analysis, *Survey of Current Business*, June 1979, June 1980, and September 1980.

**NO. 1528. FOREIGN DIRECT INVESTMENT IN THE UNITED STATES—VALUE, BY AREA AND
INDUSTRY: 1960 TO 1979**

[In millions of dollars. Book value at yearend. Prior to 1973, covers U.S. firms, including real estate investments in which foreign interest or ownership was 25 percent or more; thereafter, ownership of 10 percent or more. See also *Historical Statistics, Colonial Times to 1970*, series U 47-74]

AREA AND INDUSTRY	1960	1965	1970	1972	1973	1974	1975	1976	1977	1978	1979, prel.
All areas ¹.....	6,910	8,797	13,270	14,868	20,556	25,144	27,662	30,770	34,595	42,471	52,260
Petroleum.....	1,238	1,710	2,992	3,272	4,792	5,614	6,213	5,921	6,573	7,762	9,903
Manufacturing.....	2,611	3,478	6,140	7,262	8,231	10,387	11,386	12,620	14,030	17,202	20,028
Finance and insurance.....	1,810	2,169	2,556	2,911	3,414	2,723	3,152	2,943	4,544	5,231	7,155
Trade, wholesale and retail.....	634	748	994	550	3,117	4,387	4,844	6,123	7,237	9,161	11,167
Canada.....	1,934	2,388	3,117	3,466	4,203	5,136	5,352	5,907	5,650	6,180	6,974
Petroleum.....	203	208	190	243	426	547	598	676	710	723	927
Manufacturing.....	932	1,219	1,836	2,201	2,319	2,905	3,061	3,386	3,077	3,213	3,617
Finance and insurance.....	246	370	324	353	293	311	341	422	367	397	367
Europe.....	4,707	6,076	9,554	11,087	13,937	16,756	18,584	20,162	23,754	29,180	35,999
Petroleum.....	1,028	1,478	2,777	3,011	4,079	4,714	5,478	4,999	5,523	6,569	8,053
Manufacturing.....	1,611	2,167	4,091	4,836	4,790	6,109	6,673	7,426	9,267	11,717	13,487
Finance and insurance.....	1,504	1,724	1,805	2,335	2,086	1,829	2,088	2,637	3,076	3,575	5,254
United Kingdom.....	2,248	2,852	4,127	4,987	5,403	5,744	6,391	5,802	6,397	7,638	9,391
Petroleum.....	339	511	1,220	1,297	1,212	1,502	(c)	602	486	492	228
Manufacturing.....	722	839	1,391	1,719	1,551	1,792	1,833	1,863	2,305	3,014	3,466
Finance and insurance.....	953	1,176	1,141	1,567	1,198	854	932	1,211	1,425	1,596	2,409
Netherlands.....	947	1,304	2,151	2,357	4,017	4,698	5,347	6,255	7,630	10,078	12,462
Petroleum.....	639	887	1,311	1,407	(c)	(c)	(c)	(c)	(c)	5,041	6,400
Manufacturing.....	213	328	652	769	997	1,213	1,345	1,500	2,237	3,058	3,503
Finance and insurance.....	773	940	1,545	1,675	1,420	1,949	2,138	2,295	2,651	2,879	3,290
Switzerland.....	427	590	1,147	1,194	922	1,222	1,308	1,357	1,769	1,949	2,164
Manufacturing.....	300	303	351	416	313	263	365	(c)	486	519	584
Finance and insurance.....	739	980	1,731	2,068	3,097	4,366	4,768	5,610	6,876	8,585	² 10,856
Other Europe.....	50	80	246	308	(c)	(c)	484	(c)	(c)	1,028	1,402
Petroleum.....	249	410	901	1,154	1,319	1,882	2,187	2,605	2,956	3,695	4,354
Manufacturing.....	209	209	255	307	426	442	445	(c)	592	724	1,227
Finance and insurance.....	209	209	255	307	426	442	445	(c)	592	724	1,227
Japan.....	118	229	315	154	152	345	591	1,178	1,755	2,749	3,441
Other areas.....	269	214	370	468	2,264	2,907	3,135	3,523	3,436	4,362	5,847

D Withheld to avoid disclosure of data of individual companies. ¹ Area totals include industries not shown separately. ² Direct investments (in millions of dollars): Belgium and Luxembourg, 1,658; France, 2,214; Germany, 5,004; Italy, 212; and Sweden, 1,150. ³ At yearend, Japanese firms' net debt to their U.S. affiliates exceeded their equity position with those affiliates.

Source: U.S. Bureau of Economic Analysis, *Foreign Business Investments in the United States*, 1962; and *Survey of Current Business*, August 1980.

NO. 1529. U.S. DIRECT INVESTMENT POSITION ABROAD AND INCOME, BY COUNTRY, 1970 TO 1979, AND BY SELECTED INDUSTRIES, 1979

[In millions of dollars. For definition of "direct," see headnote, table 1527 and text, p. 857. Negative position occurs when U.S. parent company's liabilities to the foreign affiliate are greater than its investment in the foreign affiliate. See also *Historical Statistics, Colonial Times to 1970*, series U 41-46]

COUNTRY	DIRECT INVESTMENT POSITION (at yearend)								INCOME ²									
	1970	1975	1976	1977	1978	1979, prel.			1970	1975	1976	1977	1978	1979, prel.				
						Total ¹	Man- ufac- turing	Petro- leum						Fi- nance, insur- ance	Total ¹	Man- ufac- turing	Petro- leum	
All areas	75,480	124,050	136,809	149,848	167,804	192,648	83,564	41,553	27,459	8,169	16,595	19,999	20,081	25,165	37,815	13,646	13,222	4,319
Developed countries	51,819	90,695	100,304	108,225	120,471	137,927	67,366	31,821	13,237	4,577	9,509	11,461	11,885	15,990	24,428	11,359	5,808	(d)
Canada	21,015	31,038	33,638	35,200	37,071	41,033	19,237	9,168	4,601	1,518	3,412	3,837	3,161	3,339	5,339	2,190	1,854	(d)
Europe ³	25,255	49,305	55,139	60,930	69,553	81,463	41,246	18,555	7,955	2,401	4,989	6,169	5,701	10,273	16,756	6,187	4,530	1,362
Euro. Econ. Commun. (EEC) ⁴	20,104	38,773	43,215	47,933	55,228	64,849	36,438	15,565	5,197	1,919	3,620	4,755	5,720	8,245	13,766	7,436	4,095	1,012
Belgium and Luxembourg	1,546	3,306	3,558	4,322	4,555	5,665	3,186	(d)	682	158	270	263	341	437	1,112	428	(d)	132
Denmark and Ireland	571	1,295	1,632	1,952	2,440	3,055	1,808	(d)	682	158	270	263	341	437	1,112	428	(d)	132
France	2,643	5,743	5,947	6,090	6,906	7,651	5,229	339	230	67	170	267	372	878	1,339	453	(d)	51
Germany	4,313	8,726	10,497	11,071	12,551	13,535	8,841	2,733	1,367	585	857	1,464	1,365	2,730	1,773	790	191	44
Italy	1,550	3,069	3,509	3,048	4,595	6,432	3,000	2,705	1,187	85	90	290	336	593	2,923	607	144	84
Netherlands	1,550	3,069	3,509	3,048	4,595	6,432	3,000	2,705	1,187	85	90	290	336	593	2,923	607	144	84
Other Western Europe ⁵	8,016	13,927	15,137	17,934	20,416	24,271	12,026	7,236	2,384	626	936	842	1,783	2,135	5,328	1,135	532	52
United Kingdom	5,151	10,532	11,924	12,997	14,395	16,614	4,908	2,990	2,758	483	1,369	1,414	1,581	2,030	2,960	751	435	349
Other Western Europe ⁵	2,631	5,152	5,762	6,101	7,394	8,615	1,327	213	2,331	333	853	874	914	1,304	1,905	289	98	284
Switzerland	1,482	3,339	3,797	4,143	4,972	5,775	2,728	2,111	2,051	228	233	417	572	1,183	872	470	307	-8
Japan (incl. Okinawa)	8,067	7,013	7,530	7,952	8,876	9,656	4,155	1,986	476	430	875	1,038	850	1,193	1,461	511	316	81
Australia, N. Zealand, So. Africa	19,192	26,288	29,313	34,462	40,399	47,841	16,198	7,231	12,178	2,941	6,683	7,047	7,942	8,964	12,735	2,287	6,178	2,311
Developing countries ⁶	11,104	16,394	17,125	18,982	21,487	24,366	12,257	2,641	3,047	1,206	2,155	1,906	2,290	2,698	3,396	1,523	626	310
Latin American Republics ⁷	3,644	5,611	5,617	6,219	6,877	6,877	3,229	188	1,154	264	926	370	705	875	1,340	693	82	205
Mexico, Panama, other C. Amer.	1,022	1,154	1,366	1,490	1,670	2,162	1,319	329	127	109	103	246	257	155	610	383	139	19
Argentina	1,526	4,579	5,416	5,930	7,175	7,514	4,914	388	727	208	657	731	659	921	367	245	-7	2
Brazil	758	179	179	229	291	291	84	(d)	15	61	(2)	22	19	26	36	12	0	2
Chile	179	179	179	229	291	291	84	(d)	15	61	(2)	22	19	26	36	12	0	2
Colombia	584	648	654	696	784	885	563	88	91	74	86	46	77	147	527	58	-38	4
Peru	744	1,221	1,364	1,397	1,427	1,750	166	645	11	74	83	46	77	147	527	58	-38	4
Venezuela	2,241	1,872	1,506	1,896	2,115	2,206	1,049	431	210	395	344	262	319	285	233	50	708	19
Other Western Hemisphere	1,858	5,773	6,809	9,227	11,196	12,466	963	1,927	8,184	215	1,047	1,573	1,698	2,195	2,897	228	746	1,863
Other Africa ⁸	2,427	2,414	2,175	2,602	3,175	3,615	225	2,161	81	522	1,524	1,910	1,608	539	1,371	56	1,181	178
Middle East ⁹	1,545	5,040	5,001	5,267	5,757	6,217	204	(d)	(d)	287	1,304	1,017	1,392	1,905	2,869	470	(d)	(d)
Other Asia and Pacific	2,260	5,747	5,904	6,217	6,757	7,765	2,448	(d)	(d)	287	1,304	1,017	1,392	1,905	2,869	470	(d)	(d)
International and unallocated ⁸	4,469	7,067	7,192	7,160	6,934	6,880	(x)	2,502	2,043	650	404	492	254	211	651	(x)	237	(d)

D Suppressed to avoid disclosure of data of individual companies. X Not applicable. Z Less than \$500,000. ¹ Includes industries not shown separately. ² Equals sum of interest, dividends, earnings of unincorporated affiliates, and reinvested earnings. ³ Includes Mediterranean possessions, and countries. Excludes Western Europe. ⁴ As of Jan. 1, 1973, United Kingdom, Denmark, and Ireland became members of EEC. For consistency, data for all years are shown on same basis. ⁵ Excludes Okinawa. ⁶ Shipping companies operating under flags of convenience, primarily Panama and Liberia, included in "International and unallocated." ⁷ Includes countries not shown below. ⁸ Includes Egypt and all other in Africa except South Africa. ⁹ Includes Bahrain, Iran, Israel, Jordan, Kuwait, Lebanon, Qatar, Saudi Arabia, South Yemen, Syria, Trucial States, Oman, and Yemen.

Source: U.S. Bureau of Economic Analysis, *Survey of Current Business*, August 1980, and supplement titled *Revised Data Series on U.S. Direct Investment Abroad, 1966-76*.

NO. 1530. U.S. GOVERNMENT FOREIGN GRANTS AND CREDITS: 1945 TO 1979

[In millions of dollars. "P.L." means Public Law. For explanation of minus sign (-), see headnote, table 1531. See also text, pp. 857-859, and *Historical Statistics, Colonial Times to 1970*, series U 75-101]

PROGRAM	Post WW II peri- od, ¹ total	1945- 1955, total	1956- 1965, total	1966- 1974, total	1975	1976	1977	1978	1979, prel.
Total, net.....	201,694	55,134	47,317	60,176	8,676	7,931	6,741	7,998	7,721
Investments in financial institutions ²	7,400	635	655	2,065	654	1,102	870	867	551
Under assistance programs, net	194,295	54,499	46,662	58,110	8,022	6,830	5,871	7,131	7,169
Net new military grants.....	68,156	16,445	19,159	25,829	2,891	1,339	766	817	910
Gross new grants	68,689	16,679	19,400	25,870	2,895	1,342	769	821	913
Foreign Assistance Act ³	67,036	15,062	19,364	25,870	2,895	1,342	769	821	913
Military supplies and services	41,443	13,917	18,256	7,473	814	375	205	240	163
Military assistance, service funded ⁴	18,169	-	8	16,764	1,396	-	-	-	-
Financing of military purchases ⁵	3,963	-	-	937	647	878	501	500	500
Relocation of facilities in Israel.....	125	-	-	-	-	-	-	-	125
Other special programs.....	3,336	1,145	1,100	697	38	88	62	81	126
Other.....	1,653	1,617	36	-	-	-	-	-	-
Less: Reverse grants and returns.....	532	234	241	41	4	3	3	4	3
Net new economic and technical aid grants ⁶	78,527	28,871	17,675	19,500	2,247	2,268	2,283	2,676	3,006
Developed countries ⁷	20,925	20,294	780	-180	-1	(2)	2	12	19
Developing countries ⁷	57,602	8,578	16,896	19,680	2,249	2,268	2,281	2,663	2,987
Gross new grants	80,459	30,225	17,993	19,753	2,250	2,274	2,283	2,676	3,006
Foreign Assistance Act ³	49,129	17,711	12,189	10,637	1,555	1,625	1,550	1,870	1,994
Farm products disposals:									
Foreign currencies, P.L. 83-480 ⁸	6,374	-	2,048	4,214	20	39	16	17	20
Famine and other urgent relief	7,515	530	2,704	2,553	309	304	353	341	423
Payment of transportation	1,936	-	494	826	120	94	100	133	168
Supplies to military or trusteeship admin- istration areas.....	6,826	5,872	132	459	77	88	90	98	111
Peace Corps.....	1,476	-	232	840	72	74	77	86	95
Other.....	7,104	6,113	194	224	97	51	99	131	196
Less: Reverse grants and returns.....	1,932	1,353	318	253	2	6	-	-	-
Net new credits ⁹	45,771	8,642	7,025	14,101	2,853	3,275	2,861	3,691	3,323
Developed countries ⁷	3,653	6,646	-3,207	171	138	181	-157	89	-208
Developing countries ⁷	42,118	1,996	10,232	13,930	2,715	3,094	3,018	3,602	3,531
New credits.....	89,916	12,039	15,429	32,125	5,298	5,835	5,546	6,599	7,045
Export-Import Bank Act.....	31,622	4,271	5,257	13,015	2,490	2,004	1,482	1,237	1,866
Foreign Assistance Act ³	31,736	1,919	6,196	10,520	1,533	2,406	2,668	3,240	3,252
Country program loans.....	20,632	1,765	5,722	7,742	620	913	877	1,483	1,511
Financing of military purchases	9,883	9	247	2,266	824	1,445	1,679	1,727	1,686
Social Progress Trust Fund.....	857	-	226	465	21	34	38	26	47
Other.....	365	145	2	47	69	14	75	5	9
P.L. 83-480 ⁸	14,043	48	3,839	6,204	957	747	694	756	799
Loans of foreign currency:									
To foreign governments.....	5,184	48	3,285	1,840	2	6	(2)	(2)	2
To private enterprises.....	424	-	202	216	1	4	1	(2)	-
Long-term credit sales.....	8,436	-	352	4,148	954	737	693	756	797
P.L. 80-806 ¹⁰	6,290	-	-	2,115	318	678	702	1,357	1,120
Other.....	6,226	5,801	137	271	(2)	(2)	1	8	8
Less: Principal collections	44,145	3,397	8,404	18,024	2,444	2,559	2,685	2,908	3,723
Export-Import Bank Act.....	20,073	1,803	4,458	8,290	992	1,029	1,129	1,084	1,289
Foreign Assistance Act ³	8,414	38	1,263	3,031	526	773	776	906	1,101
Country program loans.....	5,059	1	944	2,177	304	477	361	386	409
Financing of military purchases	2,756	2	222	672	180	253	362	465	600
Social Progress Trust Fund.....	373	-	9	168	31	32	33	35	65
Other.....	226	35	88	14	11	12	19	20	27
P.L. 83-480 ⁸	4,892	-	180	3,518	235	221	251	218	268
Loans of foreign currency:									
To foreign governments.....	2,735	-	111	2,246	108	82	82	53	53
To private enterprises.....	281	-	43	160	16	16	14	21	12
Long-term credit sales.....	1,876	-	27	1,112	111	123	154	145	204
Lend-lease, surplus property, and grant settlements	4,361	677	2,001	1,308	130	99	54	45	46
P.L. 80-806 ¹⁰	4,082	-	-	1,284	478	425	390	561	924
Other.....	2,342	880	501	594	83	12	86	92	94

See footnotes at end of table.

No. 1530. U.S. GOVERNMENT FOREIGN GRANTS AND CREDITS: 1945 TO 1979—Con.

[In millions of dollars. See headnote, p. 866]

PROGRAM	Post WW II peri- od, ¹ total	1945- 1955, total	1956- 1965, total	1966- 1974, total	1975	1976	1977	1978	1979, prel.
Other assistance (net accumulation of foreign currency claims) ¹¹	1,840	541	2,802	-1,320	30	-54	-39	-52	-69
Developed countries ⁷	214	190	330	-175	-28	-23	-33	-23	-24
Developing countries ⁷	1,626	351	2,472	-1,145	58	-31	-6	-29	-45
Currency claims acquired.....	19,755	813	11,498	6,699	189	129	175	124	127
Sales of farm products.....	14,997	813	11,170	3,008	5	(2)	(2)	(2)	(2)
Second-stage operations ¹²	4,758	-	329	3,691	184	128	175	124	127
Less: Currencies disbursed.....	17,915	272	8,696	8,018	159	182	214	177	196
Economic grants and credits to purchasing country.....	13,379	182	6,663	6,216	21	42	16	17	22
Other uses.....	4,536	90	1,833	1,802	138	140	198	160	175

- Represents zero. Z Less than \$500,000. ¹ July 1, 1945, through Dec. 31, 1979. All lend-lease and conversions of prior grants to credits are from V-J Day (Sept. 2, 1945). ² For details, see table 1531. ³ Foreign Assistance Act of 1961 (P.L. 87-195), as amended. Also includes predecessor and related programs. ⁴ Includes military assistance under Dept. of Defense Appropriation Act, 1966 (P.L. 89-394) and later acts. ⁵ Includes funds made available under Public Law 93-199 and subsequent legislation to release Israel from its contractual liability to pay for defense articles and services purchased under other legislation. ⁶ Net new grants are not adjusted for settlements for postwar relief and other grants under agreements, and net new credits exclude prior grants converted into credits, which were as follows: July 1945-December 1955, \$2,198 million; 1956-66, \$491 million; 1972, \$894 million. Repayments on these settlements are included in net new credits. ⁷ Developed countries include Australia, Canada, Japan, New Zealand, South Africa, all countries listed under "Western Europe" in table 1531, except Portugal, Spain, Yugoslavia, and Malta, and all countries listed under "Eastern Europe" in table 1531. Developing countries include all other countries listed in table 1531. ⁸ Agricultural Trade Development and Assistance Act. ⁹ Outstanding credits on Dec. 31, 1979, totaled \$48,588 million representing net credits extended since organization of Export-Import Bank, Feb. 12, 1934, less chargeoffs and net adjustments due to exchange rates (\$1,579 million), and excluding World War I debts. The amount repayable in dollars at U.S. Government option was \$46,185 million; the remainder was repayable in foreign currencies, commodities, or services, at the option of the borrowers. ¹⁰ Commodity Credit Corporation Charter Act. ¹¹ Equivalent value of currencies still available to be used, including some funds advanced from foreign governments and after loss by exchange rate fluctuations (\$1,403 million), was \$433 million on Dec. 31, 1979. ¹² Includes foreign currencies acquired from triangular trade operations and principal and interest collections on credits, originally extended under P.L. 83-480, which—since enactment of P.L. 87-128—are available for the same purposes as P.L. 83-480 currencies.

Source: U.S. Bureau of Economic Analysis, press releases and unpublished data.

No. 1531. U.S. GOVERNMENT FOREIGN GRANTS AND CREDITS, BY COUNTRIES: 1945 TO 1979

[In millions of dollars. See text, pp. 857-858. Negative figures (-) occur when the total of grant returns, principal repayments, and/or foreign currencies disbursed by the U.S. Government exceeds new grants and new credits utilized and/or acquisitions of foreign currencies through new sales of farm products. See also *Historical Statistics, Colonial Times to 1970*, series U 75-186]

TYPE AND COUNTRY	Post WW II peri- od, ¹ total	1945- 1955, total	1956- 1965, total	1966- 1974, total	1975	1976	1977	1978	1979, prel.
Total, net.....	201,694	55,134	47,317	60,176	8,676	7,931	6,741	7,998	7,721
Investment in financial institutions.....	7,400	635	655	2,065	654	1,102	870	867	551
African Development Fund.....	25	-	-	-	-	15	10	-	-
Asian Development Bank.....	280	-	-	80	30	75	31	35	29
Inter-American Development Bank.....	2,765	-	300	1,053	268	255	307	344	239
Int'l Bank for Reconst. and Development.....	703	635	-	13	-	-	-	38	16
International Development Assn.....	3,527	-	320	918	357	757	521	412	241
International Finance Corporation.....	99	-	35	-	-	-	-	38	26
Under assistance programs.....	194,295	54,499	46,662	58,110	8,022	6,830	5,871	7,131	7,169
Military grants ²	68,158	16,445	19,159	25,829	2,891	1,339	766	817	910
Western Europe (excl. Greece and Turkey).....	17,431	9,580	6,554	844	48	93	71	118	123
Near East ² (incl. Greece, Turkey, Egypt) and South Asia.....	12,705	2,061	3,873	3,248	759	927	523	604	712
Africa (excl. Egypt).....	435	7	166	205	21	17	9	7	5
Far East and Pacific.....	35,742	4,403	7,618	21,132	2,033	280	145	74	57
Western Hemisphere.....	1,382	236	712	359	25	16	13	14	6
Unspecified areas.....	460	159	237	41	6	6	5	(2)	6
Other grants, credits, and other assistance (through net accumulation of foreign currency claims).....	126,138	38,054	27,503	32,281	5,131	5,490	5,105	6,315	6,259
Developed countries ³	24,792	27,129	-2,097	-184	109	159	-188	78	-214
Developing countries ³	101,346	10,925	29,600	32,465	5,022	5,331	5,293	6,237	6,473

See footnotes at end of table.

NO. 1531. U.S. GOVERNMENT FOREIGN GRANTS AND CREDITS, BY COUNTRIES: 1945 TO 1979—
Continued

[In millions of dollars. See headnote, p. 867. See also *Historical Statistics, Colonial Times to 1970*, series U 75-186]

TYPE AND COUNTRY	Post WW II period, 1 total	1945- 1955, total	1956- 1965, total	1966- 1974, total	1975	1976	1977	1978	1979, prel.
Western Europe	24,316	24,770	-951	-131	271	182	-51	334	-108
Austria.....	1,075	1,019	87	-17	-2	2	-4	-5	-5
Belgium and Luxembourg.....	648	726	-70	3	18	-2	8	-7	-7
Denmark.....	287	284	-19	23	15	-4	(z)	-9	-3
Finland.....	37	86	-26	-26	7	10	-2	9	-3
France.....	3,986	5,477	-1,238	-77	-15	-41	-27	-45	-48
Germany, Federal Republic of.....	2,878	3,907	-852	-144	33	-22	-14	-14	-14
Iceland.....	46	34	33	-11	3	-3	-3	-2	-5
Ireland.....	44	146	-16	-33	-18	-6	-13	-9	-5
Italy.....	2,958	2,795	120	93	-13	-13	1	-8	-17
Netherlands.....	902	1,051	-224	59	56	14	-10	-25	-19
Norway.....	407	309	-71	172	92	30	-36	-46	-44
Portugal.....	1,023	67	93	-1	15	113	166	476	94
Spain.....	1,638	195	685	323	94	18	33	157	134
Sweden.....	117	108	-20	12	4	11	4	1	-3
United Kingdom.....	5,408	6,923	-532	-457	-89	-18	-152	-142	-123
Yugoslavia.....	2,103	860	1,042	46	39	78	23	39	-25
Euro. Atomic Energy Community.....	25	-	51	-2	-6	-5	-5	-5	-5
Euro. Coal and Steel Community.....	-	100	-27	-42	-6	-6	-6	-6	-7
European Payments Union.....	6	238	-	-232	-	-	-	-	-
Other ¹ and unspecified.....	724	444	33	185	44	26	3	-4	-3
Eastern Europe	2,834	1,097	501	283	-58	166	214	424	206
Albania.....	20	20	-	-	-	-	-	-	-
Czechoslovakia.....	191	191	-	-	-	-	-	-	-
German Dem. Rep.....	17	17	(z)	-	-	-	-	-	-
Hungary.....	30	18	5	-4	-1	(z)	-	5	8
Poland.....	1,855	425	555	-84	9	142	135	343	129
Romania.....	214	-	-	71	20	22	-21	45	76
Soviet Union.....	707	425	-59	300	-86	2	99	32	-7
Near East and South Asia	38,984	3,163	12,338	10,594	1,936	2,409	2,661	2,633	3,249
Afghanistan.....	522	31	224	165	18	20	13	12	38
Bangladesh.....	1,205	-	-	321	380	78	97	168	161
Cyprus.....	145	-	19	6	14	21	47	24	14
Egypt.....	3,479	41	1,009	183	88	233	417	619	890
Greece.....	2,354	1,324	330	109	112	121	172	162	24
India.....	9,328	399	4,796	3,548	243	120	46	81	94
Iran.....	853	211	477	809	-103	-109	-105	-170	-158
Iraq.....	33	7	37	-4	-2	-2	-2	-1	-1
Israel.....	8,775	390	483	1,374	803	1,405	1,476	1,306	1,539
Jordan.....	1,331	26	455	392	63	100	139	72	85
Kuwait.....	-	-	5	-5	-	-	-	-	-
Lebanon.....	231	15	70	47	37	7	32	13	10
Nepal.....	234	3	86	95	8	16	12	6	8
Pakistan.....	5,037	178	2,416	1,910	134	253	84	44	18
Saudi Arabia.....	12	13	9	28	-11	-12	-4	-4	-2
Sri Lanka (Ceylon).....	378	(z)	89	129	20	21	38	41	39
Syria.....	243	1	57	-3	18	23	48	19	80
Turkey.....	3,478	385	1,418	953	73	57	83	175	334
Yemen Arab Rep.....	95	-	40	18	6	8	7	7	9
UNRWA ⁵	896	131	274	268	28	39	55	52	50
Other and unspecified.....	355	7	57	241	12	8	6	7	17
Africa	8,045	143	2,096	2,949	409	509	578	620	742
Algeria.....	769	1	135	222	41	67	40	113	150
Benin.....	42	-	7	10	2	7	9	4	4
Cameroon.....	97	-	16	45	5	5	9	3	14
Chad.....	67	(z)	5	16	5	6	11	13	12
Ethiopia.....	365	9	109	146	30	34	14	11	13
Ghana.....	331	(z)	64	197	6	16	19	9	20
Guinea.....	157	-	58	59	9	9	9	10	4
Ivory Coast.....	85	-	14	57	1	(z)	8	5	1
Kenya.....	233	(z)	34	67	9	18	58	21	26
Lesotho.....	57	-	(z)	23	4	6	6	7	11
Liberia.....	273	25	135	80	(z)	15	-1	10	8
Libya.....	206	25	183	-2	-	-	-	-	-
Madagascar.....	27	(z)	7	11	2	1	1	2	2
Malawi.....	54	-	5	25	5	5	5	4	4
Mali.....	109	-	10	46	11	5	6	16	15
Morocco.....	1,067	7	443	374	8	105	37	57	35
Niger.....	112	-	5	53	11	9	8	10	16
Nigeria.....	357	(z)	87	275	8	3	-7	-6	-3
Senegal.....	138	-	15	40	8	8	14	23	29
Sierra Leone.....	89	(z)	22	32	4	7	10	9	5

See footnotes at end of table.

NO. 1531. U.S. GOVERNMENT FOREIGN GRANTS AND CREDITS, BY COUNTRIES: 1945 TO 1979—
Continued

[In millions of dollars. See headnote, p. 867. See also *Historical Statistics, Colonial Times to 1970*, series U 75-186]

TYPE AND COUNTRY	Post WW II period, ¹ total	1945- 1955, total	1956- 1965, total	1966- 1974, total	1975	1976	1977	1978	1979, prel.
Africa—Continued									
Somalia.....	129	(z)	42	41	6	3	3	14	21
South Africa.....	—92	20	—101	—11	(z)	(z)	(z)	(z)	(z)
Sudan.....	178	—	86	39	13	—4	9	11	25
Tanzania.....	266	2	34	86	37	37	30	15	24
Togo.....	42	—	9	15	3	3	4	2	6
Tunisia.....	824	2	392	332	12	13	33	30	10
Uganda.....	45	—	12	32	(z)	(z)	(z)	(z)	(z)
Upper Volta.....	113	—	5	34	6	8	15	21	24
Zaire.....	883	(z)	248	224	97	37	117	61	100
Zambia.....	150	—	1	30	5	8	3	35	40
Other and unspecified.....	872	51	13	351	65	76	80	110	126
Far East and Pacific	29,354	6,754	7,785	9,654	1,165	1,081	720	1,240	954
Australia.....	116	1	(z)	299	—23	—46	—50	—36	—29
Brunei.....	(z)	—	—	20	—	—20	—	—	(z)
Burma.....	122	22	76	17	—1	—1	8	2	(z)
China.....	3,072	1,257	862	324	191	145	69	52	171
Hong Kong.....	73	3	35	22	19	6	—4	—3	—5
Indonesia.....	2,859	246	437	1,125	165	333	163	178	213
Japan.....	2,065	2,302	238	—472	10	58	—48	46	—69
Kampuchea.....	856	28	228	513	80	1	(z)	(z)	5
Korea, Republic of.....	7,411	1,358	2,517	1,703	314	344	250	698	228
Laos.....	908	37	398	457	16	—	—	—	—
Malaysia.....	142	1	30	82	3	15	24	5	—16
New Zealand.....	111	5	—2	65	30	13	3	—1	—3
Papua New Guinea.....	(z)	—	(z)	31	(z)	—12	—18	(z)	(z)
Philippines.....	2,148	833	297	420	77	109	151	120	140
Ryukyu Islands.....	391	221	90	81	—	—	—	—	—
Thailand.....	854	39	324	270	11	7	72	24	107
Trust Territory of the Pacific Islands.....	999	30	89	409	79	90	92	100	111
Vietnam.....	6,691	245	2,088	4,192	166	—	—	—	—
Other and unspecified.....	536	126	78	99	29	42	8	52	102
Western Hemisphere	13,579	1,151	4,469	5,541	826	518	433	293	347
Argentina.....	364	86	294	(z)	—4	20	6	—8	—29
Bahamas.....	3	(z)	(z)	8	21	—1	—21	—1	—3
Bermuda.....	1	—	—	23	—5	—8	—6	—2	—1
Bolivia.....	751	77	275	227	12	30	32	61	36
Brazil.....	3,259	470	1,200	1,263	193	145	41	—36	—17
Canada.....	242	—1	—5	227	45	13	—19	—8	—9
Cayman Islands.....	3	—	—	10	2	—1	1	—7	—2
Chile.....	1,152	85	651	562	128	—71	12	—32	—184
Colombia.....	1,234	31	386	759	36	21	1	7	—7
Costa Rica.....	227	16	81	93	10	7	5	7	8
Cuba.....	41	18	23	—	—	—	—	—	—
Dominican Republic.....	599	—1	173	305	36	29	1	—3	59
Ecuador.....	292	27	96	118	7	15	5	16	8
El Salvador.....	187	4	52	80	7	9	14	11	10
Guatemala.....	401	23	136	121	21	43	24	16	17
Guyana.....	99	(z)	7	55	16	7	6	4	3
Haiti.....	244	27	70	30	11	18	28	29	29
Honduras.....	241	6	50	80	24	18	18	16	28
Jamaica.....	189	16	2	94	25	8	7	19	18
Mexico.....	936	226	177	234	70	34	75	17	103
Nicaragua.....	297	8	60	123	13	17	21	25	29
Panama.....	372	10	102	179	24	36	10	6	4
Paraguay.....	146	4	63	80	7	3	4	2	2
Peru.....	799	42	212	189	50	43	96	71	95
Trinidad and Tobago.....	77	—	35	21	(z)	—4	—1	—2	29
Uruguay.....	146	6	54	88	(z)	5	(z)	—4	—3
Venezuela.....	220	6	146	126	—19	—22	—19	—3	4
Other ² and unspecified.....	1,058	—38	129	464	95	103	91	95	119
Other international organizations and unspecified areas.....	9,028	976	1,265	3,390	581	626	550	769	869

— Represents zero. Z Less than \$500,000 or net minus (—) of less than \$500,000. ¹ July 1, 1945, through Dec. 31, 1979; see footnote 1, table 1530. ² See table 1530, footnote 5. ³ See table 1530, footnote 7. ⁴ Includes European Productivity Agency, North Atlantic Treaty Organization, and former Organization for European Economic Cooperation. ⁵ United Nations Relief and Works Agency for Palestine refugees. ⁶ Includes Caribbean Development Bank, Central American Bank for Economic Integration, Inter-American Institute of Agricultural Sciences, Organization of American States, and Pan American Health Organization.

Source: U.S. Bureau of Economic Analysis, press releases and unpublished data.

NO. 1532. U.S. FOREIGN ECONOMIC AND MILITARY AID PROGRAMS: 1946 TO 1979

[In millions of dollars. For years ending June 30 except, beginning 1977, ending Sept. 30. Economic aid shown here represents total U.S. economic aid—not just aid under Foreign Assistance Act. Major components in recent years include AID, Food for Peace, Peace Corps, and paid-in subscriptions to international financial institutions, such as IBRD, and IDB. Cumulative totals for 1946-1979 are true totals net of deobligation; annual figures, however, are gross unadjusted program figures. Military aid includes Military Assistance Program (MAP) grants, foreign military credit sales, service-funded programs, and excess defense articles]

PERIOD OR YEAR	Total economic and military aid	ECONOMIC AID			MILITARY AID		
		Total	Loans	Grants	Total	Loans	Grants
1946-1979, total.....	235,738	134,181	45,468	88,713	101,557	15,905	85,652
1946-1952.....	41,661	31,116	8,518	22,598	10,545	-	10,545
1953-1961.....	43,358	24,053	5,850	18,203	19,305	161	19,144
1962-1969.....	50,254	33,392	15,421	17,972	16,862	1,620	15,242
1970-1979.....	87,781	48,971	17,456	31,516	38,812	14,180	24,631
1970.....	6,568	3,676	1,389	2,288	2,892	70	2,822
1971.....	7,838	3,442	1,299	2,143	4,396	743	3,653
1972.....	9,021	3,940	1,639	2,301	5,080	550	4,530
1973.....	9,472	4,117	1,391	2,726	5,356	550	4,805
1974.....	8,510	3,906	1,150	2,756	4,604	1,396	3,208
1975.....	6,916	4,908	1,679	3,229	2,009	750	1,259
1976.....	6,412	3,878	1,759	2,119	2,535	1,442	1,093
1976, TQ ¹	2,603	1,931	840	1,091	672	494	178
1977.....	7,784	5,594	2,083	3,511	2,190	1,411	779
1978.....	9,014	6,661	2,530	4,131	2,353	1,601	752
1979.....	13,643	6,918	1,697	5,221	6,725	5,173	1,552

- Represents zero. ¹ Transition quarter, July-Sept.

Source: U.S. Agency for International Development, *U.S. Overseas Loans and Grants and Assistance From International Organizations*, annual.

NO. 1533. U.S. FOREIGN MILITARY AID, BY SELECTED COUNTRIES: 1970 TO 1979

[In millions of dollars, except percent. For years ending Sept. 30 except as indicated. Military aid data include Military Assistance Program (MAP) grants, foreign military credit sales, International Military Education and Training, and excess defense articles]

REGION AND COUNTRY	1970-1979 ¹		1977, total	1978, total	1979, total	REGION AND COUNTRY	1970-1979 ¹		1977, total	1978, total	1979, total
	Total	Per-cent grants					Total	Per-cent grants			
Total.....	38,812	63.5	2,190	2,353	6,725	Latin America ²	925.0	22.3	49.5	79.2	30.9
Near East and So. Asia ²	17,139.1	38.7	1,438.0	1,480.8	6,007.5	Argentina.....	137.9	6.5	7	-	-
Greece.....	1,241.8	33.0	156.0	175.0	172.3	Bolivia.....	56.1	58.6	3.1	.8	6.7
Iran.....	18.6	100.0	-	-	-	Brazil.....	213.8	6.4	.1	-	-
Israel.....	11,665.2	40.7	1,000.0	1,000.0	4,000.0	Chile.....	50.6	16.2	-	-	-
Jordan.....	826.5	55.8	130.9	127.4	109.6	Colombia.....	121.4	13.3	.7	52.2	13.0
Lebanon.....	94.6	7.6	25.0	.6	43.1	Dominican Republic.....	14.9	79.9	1.5	.7	1.0
Saudi Arabia.....	15.1	12.9	-	-	-	Ecuador.....	40.1	12.7	15.4	10.7	.4
Turkey.....	1,764.6	55.5	125.0	175.4	180.3	El Salvador.....	10.4	86.3	.5	(2)	(2)
East Asia ²	18,866.1	89.3	352.9	452.1	345.0	Guatemala.....	22.2	53.2	.5	(2)	(2)
China.....	-	-	-	-	-	Honduras.....	19.6	36.2	3.1	3.2	2.3
Taiwan.....	1,009.5	54.1	35.5	24.1	(2)	Mexico.....	7.2	100.0	.1	.1	.2
Kam-puchea.....	1,181.9	100.0	-	-	-	Nicaragua.....	20.4	60.8	3.1	.4	(2)
Indonesia.....	335.2	62.2	40.8	58.1	34.8	Panama.....	11.7	70.1	3.1	.5	1.4
Korea.....	3,452.0	68.6	155.0	276.9	238.4	Paraguay.....	18.3	97.8	.7	.6	(2)
Laos.....	1,007.8	100.0	-	-	-	Peru.....	86.6	9.4	10.9	8.9	5.5
Malaysia.....	126.2	3.9	36.3	17.1	8.0	Uruguay.....	38.1	52.8	-	-	-
Philippines.....	332.0	71.7	38.1	37.3	31.7	Venezuela.....	49.2	18.7	.1	.1	-
Thailand.....	692.6	80.6	47.2	38.6	32.1	Africa ²	707.9	18.5	115.4	125.4	96.7
Vietnam.....	10,726.7	100.0	-	-	-	Ethiopia.....	120.5	70.1	2.8	-	-
Europe ²	789.6	54.4	170.5	165.0	192.7	Kenya.....	88.9	2.1	15.4	27.4	10.4
Italy.....	11.6	100.0	-	-	-	Liberia.....	10.4	26.0	.6	.7	1.5
Portugal.....	104.8	100.0	33.5	27.9	28.2	Morocco.....	212.8	3.8	30.8	44.2	46.1
Spain.....	672.4	46.5	137.0	137.0	164.4	Tunisia.....	125.4	16.7	25.4	26.1	21.1
						Zaire.....	121.3	8.6	30.4	19.5	9.8
						Oceania.....	2.8	100.0	-	-	(2)
						Interregional.....	380.9	100.0	63.7	50.9	52.3

- Represents zero. Z. Less than \$50,000. ¹ From 1970 to 1976, years ended June 30. Includes transition quarter, July 1, 1976 to Sept. 30, 1976. ² Includes amounts not shown separately. Regional totals include aid to entire regions or sub-regions.

Source: U.S. Agency for International Development, *U.S. Overseas Loans and Grants and Assistance from International Organizations*, annual.

No. 1534. U.S. FOREIGN AID—COMMITMENTS FOR ECONOMIC ASSISTANCE, BY REGIONS AND COUNTRIES: 1970 TO 1979

[In millions of dollars, except percent. Falls under economic portion of the Foreign Assistance Act. Data cover commitments for economic and technical assistance by AID and predecessor agencies. For years ending Sept. 30, except as indicated. See text, pp. 857 and 858]

REGION AND COUNTRY	GROSS CUMULATIVE TOTAL, 1970-1979 ¹		1977, total	1978, total	1979, total	REGION AND COUNTRY	GROSS CUMULATIVE TOTAL, 1970-1979 ¹		1977, total	1978, total	1979, total
	Total	Per-cent loan					Total	Per-cent loan			
Economic assistance.....	26,910	37.2	3,181	4,086	3,848	East Asia	4,401	27.1	105	150	173
Near East and South Asia²	10,888	51.4	1,838	1,997	2,170	Kampuchea.....	322	-	-	-	-
Afghanistan.....	116	34.7	20	5	3	Indonesia.....	772	85.1	42	74	95
Bangladesh.....	676	24.3	62	95	90	Korea.....	207	85.0	(2)	-	-
Cyprus.....	103	-	18	15	15	Laos.....	256	-	-	-	-
Egypt.....	3,344	67.0	699	751	835	Philippines.....	430	62.8	35	53	44
Greece.....	65	100.0	-	-	-	Thailand.....	157	22.3	13	8	22
India.....	639	92.2	-	60	91	Vietnam.....	2,032	2.5	-	1	-
Israel.....	3,575	28.4	735	785	785	East Asia Regional..	229	2.2	15	15	12
Jordan.....	3,555	28.9	70	93	93	Africa²	2,094	36.1	232	363	339
Nepal.....	57	12.3	7	10	12	Cameroon.....	24	33.3	3	12	8
Pakistan.....	680	87.8	71	20	9	Chad.....	27	-	7	11	3
Sri Lanka.....	92	88.0	21	23	29	Ethiopia.....	129	62.0	1	5	3
Syria.....	439	91.6	80	90	90	Ghana.....	102	58.5	5	7	3
Turkey.....	247	84.6	-	1	70	Guinea.....	7	-	1	2	8
Yemen Arab Rep.....	53	1.9	16	7	17	Kenya.....	132	64.4	30	30	17
Regional.....	115	-	20	21	33	Liberia.....	97	42.3	19	5	15
Latin America.....	2,871	70.0	190	228	255	Mali.....	54	-	10	10	17
Bolivia.....	262	83.2	36	34	29	Morocco.....	77	64.9	2	10	4
Brazil.....	230	77.8	1	-	-	Niger.....	37	-	7	11	-
Chile.....	81	86.4	1	(2)	(2)	Nigeria.....	120	32.5	-	-	-
Colombia.....	406	93.6	1	-	(2)	Sierra Leone.....	41	-	9	9	15
Costa Rica.....	75	82.7	6	7	16	Tanzania.....	17	-	1	3	11
Dominican Rep.....	30	83.3	1	1	26	Somali Rep.....	90	18.9	7	1	21
Ecuador.....	55	54.5	-	1	1	Tunisia.....	101	51.5	11	20	15
El Salvador.....	50	58.0	3	8	7	Upper Volta.....	36	-	3	11	16
Guatemala.....	147	68.7	14	5	17	Zaire.....	93	69.9	20	10	12
Guyana.....	59	83.1	6	25	6	Regional:					
Haiti.....	86	26.7	21	9	9	Central and					
Honduras.....	131	71.0	8	13	22	West Africa.....	190	38.9	9	10	8
Jamaica.....	77	79.2	18	12	6	East Africa.....	12	-	1	1	-
Nicaragua.....	135	77.8	1	13	10	South Africa.....	164	39.6	43	39	16
Panama.....	154	82.5	14	21	20	Africa.....	279	15.8	35	39	37
Paraguay.....	50	82.3	2	2	7	Europe²	618	64.4	88	352	21
Peru.....	162	75.3	17	22	34	Italy.....	50	-	3	23	4
Uruguay.....	40	75.0	1	-	-	Malta.....	79	6.3	10	10	-
ROCAP ³	137	80.3	3	2	3	Portugal.....	435	90.3	65	300	-
East Caribbean						Spain.....	33	-	10	7	7
Regional.....	117	80.3	7	24	27	Non-Regional.....	6,038	(2)	728	997	890
Regional.....	327	7.3	30	31	14						

- Represents zero. Z Less than \$500,000 or .05 percent. ¹ From 1970 to 1976, years ended June 30. Includes transition quarter, July 1 to Sept. 30, 1976. ² Includes countries not shown separately. ³ Regional programs covering Costa Rica, El Salvador, Guatemala, Honduras, Nicaragua, and Panama.

Sources: U.S. Agency for International Development, *U.S. Overseas Loans and Grants and Assistance from International Organizations*, annual; and unpublished data.

No. 1535. EXPORTS FINANCED BY FOREIGN AND AGRICULTURAL AID: 1960 TO 1979

[In millions of dollars, except percent. See headnote, table 1532]

ITEM	1960	1965	1970	1973	1974	1975	1976	1977	1978	1979
Exports financed by aid ¹	2,685	3,242	2,543	1,929	1,991	2,351	1,939	1,938	2,217	2,033
Percent of total exports ²	13.0	11.8	5.9	2.7	2.0	2.2	1.7	1.6	1.5	1.1
Loans and grants (AID).....	432	1,140	957	657	570	665	671	802	988	709
Military grant-aid.....	949	779	565	516	599	461	190	62	85	165
Agricultural aid (P.L. 480).....	¹ 304	³ 1,323	1,021	755	822	1,225	1,078	1,074	1,144	1,159
Sales for foreign currencies.....	1,014	899	276	4	-	-	-	-	-	-
Donations.....	173	253	255	209	315	302	307	368	350	341
Long-term dollar and convertible foreign currency credit sales.....	-	152	490	542	507	924	771	706	794	818

- Represents zero. ¹ Foreign Assistance Act and Public Law 480; see table 1249. ² For total exports, see table 1536. ³ Includes barter for strategic materials.

Sources: U.S. Dept. of Commerce, International Trade Administration, *Overseas Business Reports*, *U.S. Foreign Trade*, annual.

No. 1536. EXPORTS AND IMPORTS OF MERCHANDISE: 1960 TO 1979

[In billions of dollars, except per capita and percent. Beginning 1970, includes silver ore and bullion. Beginning 1977, includes shipments of nonmonetary gold. For basis of dollar values, see text, pp. 858 and 859. "Special Category" commodities are grouped separately for security reasons. See also *Historical Statistics, Colonial Times to 1970*, series U 190-195 and U 207-212]

ITEM	1960	1965	1970	1972	1973	1974	1975	1976	1977	1978	1979
Total exports ¹	20.6	27.5	43.2	49.8	71.3	98.5	107.6	115.0	121.2	143.7	181.8
Domestic	20.4	27.1	42.6	49.0	70.2	97.1	106.1	113.3	119.0	141.2	178.6
Per capita ² (dol.)	113	140	208	235	334	458	497	527	549	646	810
Annual percent change ³	16.8	3.7	13.7	12.6	43.4	38.3	9.2	6.8	5.0	18.6	26.5
Foreign (initially imports)	2	3	6	8	1.1	1.4	1.5	1.7	2.2	2.2	3.2
Total, excluding Special Category	19.7	26.2	41.9	48.6	69.8	96.4	104.6	112.4	117.9	139.2	178.8
Special Category	0.8	1.2	1.4	1.2	1.5	2.1	3.0	2.6	3.2	4.5	3.0
Total, excluding M.A.P. ⁴	19.6	26.7	42.7	49.2	70.8	97.9	107.1	114.8	121.2	143.6	181.6
M.A.P. ⁴ Grant-Aid ⁵	.9	.8	.6	.6	.5	.6	.5	.2	.6	.9	.2
General imports ⁶	14.7	21.4	40.0	55.6	69.5	101.0	96.9	120.7	147.7	172.0	206.3
Per capita ² (dol.)	81	110	195	266	330	477	454	561	681	787	935
Annual percent change ³	-3.6	14.4	10.8	21.9	25.0	45.4	-4.1	25.7	22.4	16.5	20.0
Merchandise trade balance ⁷	5.0	5.3	2.7	-6.3	1.3	-3.1	10.2	-5.9	-26.5	-28.5	-24.7
Imports for consumption ⁸	14.7	21.3	39.8	55.3	69.0	100.1	96.5	121.1	147.1	172.9	205.9
Per capita ² (dol.)	81	110	194	265	326	472	452	563	678	791	933
Free	5.8	7.4	13.9	18.9	28.3	52.1	31.0	37.2	43.6	51.8	103.3
Percent of total	39	35	35	34	41	52	32	31	30	30	50
Dutiable	8.9	13.8	25.9	36.4	40.8	48.1	65.5	83.9	103.4	121.1	102.6
Duties calculated	1.1	1.6	2.6	3.1	3.6	3.8	3.8	4.7	5.5	7.2	7.2
Percent of imports	7.5	7.5	6.5	5.6	5.2	3.8	3.9	3.9	3.7	4.2	3.5

¹ Includes "Special Category" items. ² Based on estimated population including Armed Forces abroad as of July 1, except 1970 as of April 1. ³ From previous year. (For 1960, from 1959, 1965 from 1964, etc.) ⁴ M.A.P. = Military Assistance Program. ⁵ Represents shipments only from U.S. and may differ from U.S. Dept. of Defense figures because of differences in statistical definitions. ⁶ Prior to 1976, customs value basis; thereafter, f.a.s. value basis. ⁷ For figures adjusted to balance of payments basis, see table 1521. Total domestic and foreign exports excluding M.A.P. Grant-Aid shipments, minus general imports. ⁸ Customs value basis.

Source: U.S. Bureau of the Census. For 1960, *Foreign Commerce and Navigation of the United States*; thereafter, *Highlights of U.S. Export and Import Trade*, FT 990, monthly; *U.S. Imports, General and Consumption, Schedule A Commodity and Country*, FT 135, monthly; *U.S. Exports, Schedule B Commodity and Country*, FT 410, monthly; and unpublished data.

No. 1537. EXPORTS AND IMPORTS FOR THE WORLD AND SELECTED COUNTRIES: 1970 TO 1979

[In billions of U.S. dollars. Excludes Communist countries]

AREA AND COUNTRY	1970	1971	1972	1973	1974	1975	1976	1977	1978	1979
Exports (f.o.b.¹), ² world total	283.4	317.3	376.9	524.3	774.1	796.7	906.9	1,030.5	1,193.4	1,507.4
Developed countries	220.3	246.9	293.5	400.4	533.3	588.5	632.9	718.5	861.6	1,056.7
United States	43.2	44.1	49.8	71.3	98.5	107.6	115.0	121.2	143.7	181.8
Canada	16.8	18.4	21.2	26.4	34.5	34.1	40.6	43.5	48.4	58.2
Japan	19.3	24.1	29.1	37.1	55.6	55.7	67.3	81.1	98.3	102.3
European Community ²	113.0	129.3	155.5	212.4	277.0	298.4	328.8	382.3	462.3	577.6
France	18.1	20.8	26.5	36.7	46.3	53.1	57.2	65.0	79.4	100.7
Germany, Fed. Rep. of	34.2	39.1	46.7	67.6	89.4	90.2	102.2	118.1	142.5	171.9
Italy	13.2	15.1	18.6	22.2	30.5	34.8	37.3	45.3	56.1	72.2
United Kingdom	19.6	22.6	24.7	31.0	39.4	44.5	46.7	58.2	71.7	91.0
Other developed countries	28.0	31.0	37.9	53.2	67.7	72.7	81.2	90.3	109.0	136.7
Developing countries	61.7	68.4	80.5	119.5	235.3	222.9	265.9	302.6	319.2	434.6
Oil exporting countries	17.3	22.0	24.8	39.0	119.3	109.8	133.0	146.0	141.8	207.5
Other	44.4	46.5	55.6	80.5	116.0	113.1	133.0	156.7	178.0	226.4
Imports (c.i.f.³), ² world total	296.7	331.7	389.3	536.4	785.3	813.9	922.7	1,061.1	1,229.4	1,544.1
Developed countries	227.0	252.6	300.9	413.9	588.0	587.8	678.4	769.7	890.7	1,141.6
United States	42.4	48.4	58.9	73.6	108.0	103.4	129.6	157.6	183.1	218.9
Canada	14.3	16.5	20.0	24.7	34.4	36.2	40.4	42.3	46.5	56.8
Japan	18.9	19.8	23.9	38.5	62.1	57.8	64.9	71.3	79.9	109.8
European Community ²	116.9	130.9	155.1	216.9	296.0	302.0	345.5	390.2	463.0	604.5
France	19.1	21.3	27.0	37.7	52.9	54.0	64.4	70.5	81.8	107.0
Germany, Fed. Rep. of	30.0	34.5	40.4	54.9	69.7	74.9	88.4	101.5	121.8	159.7
Italy	15.0	16.0	19.3	27.8	41.1	38.4	43.4	48.1	56.5	78.0
United Kingdom	22.0	24.3	28.2	39.4	55.0	54.2	56.6	64.5	78.6	103.0
Other developed countries	34.5	37.0	43.1	60.2	87.5	88.5	98.0	108.4	118.2	151.4
Developing countries	68.2	77.2	85.8	118.7	190.4	220.2	236.7	282.9	327.7	387.7
Oil exporting countries	9.6	11.1	13.8	20.1	32.1	51.3	62.2	83.8	94.9	100.3
Other	58.6	66.0	72.1	98.6	158.2	168.7	174.2	198.6	232.4	287.9

¹ Free-on-board value. ² Includes countries not shown separately. ³ Cost, insurance, and freight value.

Source: International Monetary Fund, Washington, D.C. *International Financial Statistics*, monthly.

NO. 1538. EXPORT AND IMPORT UNIT VALUE INDEXES—SELECTED COUNTRIES: 1960 TO 1979

[Indexes in U.S. dollars, 1975=100. A unit value is an implicit price derived from value and quantity data]

COUNTRY AND ITEM	1960	1965	1968	1969	1970	1971	1972	1973	1974	1976	1977	1978	1979
Exports: U.S.	46	49	52	54	57	59	60	70	89	104	108	115	135
Japan	57	49	50	52	55	58	65	78	100	99	109	134	141
France	43	46	47	48	49	52	58	72	84	98	105	120	139
Germany	36	40	40	41	48	52	58	73	88	102	112	129	145
Italy	48	48	47	49	51	54	60	70	88	94	107	119	143
United Kingdom	47	51	50	51	57	61	66	72	86	98	112	135	166
Canada	49	47	51	52	56	58	61	69	94	106	104	106	124
Imports: U.S.	40	40	42	43	46	49	52	62	93	103	112	121	142
Japan	38	38	38	37	40	41	44	56	95	103	110	116	144
France	46	46	46	46	48	50	55	67	91	99	108	118	139
Germany	40	42	41	43	48	50	55	70	93	103	114	127	153
Italy	37	38	39	40	41	43	48	61	95	98	108	118	143
United Kingdom	42	43	43	44	57	58	62	74	93	99	111	126	153
Canada	53	54	56	58	61	64	67	71	90	104	108	114	126

Source: International Monetary Fund, *International Financial Statistics*, monthly.

NO. 1539. EXPORTS AND IMPORTS—INDEXES OF TOTAL VALUE, UNIT VALUE (AVERAGE PRICE), AND QUANTITY: 1970 TO 1979

[1967 average = 100. See headnote, table 1538. See also *Historical Statistics, Colonial Times to 1970*, series U 225-248]

ECONOMIC CLASS	INDEX OF EXPORTS OF U.S. MERCHANDISE						INDEX OF GENERAL IMPORTS					
	1970-1974, avg.	1975	1976	1977	1978	1979	1970-1974, avg.	1975	1976	1977	1978	1979
Total value	196	345	369	385	460	582	232	360	453	542	644	770
Foods: Crude	218	455	440	364	490	608	155	184	264	357	366	388
Manufactured	175	265	299	336	417	475	189	236	249	268	323	382
Materials, crude	202	331	359	424	475	610	225	634	864	1,099	1,082	1,511
Manufactures: Semi	188	286	311	315	421	690	219	310	367	448	522	613
Finished	195	353	381	402	467	557	259	355	441	505	677	760
Unit value	131	195	202	210	225	256	145	241	249	270	291	347
Foods: Crude	142	243	219	189	205	238	138	168	230	365	341	353
Manufactured	145	201	184	201	218	239	143	216	187	177	198	237
Materials, crude	148	251	256	284	285	328	162	365	394	424	496	584
Manufactures: Semi	125	199	188	197	210	263	154	280	276	305	325	433
Finished	127	176	192	202	218	241	140	211	216	228	256	281
Quantity	145	177	183	183	205	228	157	149	182	201	221	222
Foods: Crude	144	188	201	192	239	256	112	109	115	98	107	110
Manufactured	120	132	162	167	191	199	132	109	133	152	163	161
Materials, crude	133	132	140	150	167	186	131	174	219	259	248	259
Manufactures: Semi	147	144	165	160	201	262	141	111	133	147	161	142
Finished	150	200	199	199	214	231	182	168	205	221	264	271

Source: U.S. Bureau of the Census, *Indexes of U.S. Exports and Imports by Economic Class, 1919-1971*, and unpublished data.

NO. 1540. EXPORTS AND IMPORTS—VALUE, BY BROAD END-USE CLASS: 1967 TO 1979

[Data are adjusted to balance of payments basis, excluding military; for details, see source. Exports include re-exports. See also *Historical Statistics, Colonial Times to 1970*, series U 249-263]

END-USE CLASS	TOTAL (bil. dol.)								PERCENT			
	1967	1970	1974	1975	1976	1977	1978	1979 ¹	1967	1970	1975	1979 ¹
Exports, total²	30.7	42.5	98.3	107.1	114.7	120.8	142.0	182.1	100	100	100	100
Foods, feeds, and beverages	10.0	5.9	18.6	19.2	19.8	19.7	25.2	29.8	16	14	18	16
Industrial supplies and materials	5.0	13.8	30.1	29.9	32.1	34.5	39.2	57.7	33	32	28	32
Capital goods, except automotive	9.9	14.6	30.9	36.6	39.1	39.8	46.5	58.1	32	34	34	32
Automotive vehicles and parts ³	2.8	3.9	8.6	10.6	12.1	13.4	15.6	17.4	9	9	10	10
Consumer goods (nonfood) ⁴	2.1	2.8	6.4	6.6	8.0	8.9	10.4	12.6	7	7	6	7
General imports, total²	26.9	39.1	103.6	98.0	124.0	151.7	175.8	211.5	100	100	100	100
Foods, feeds, and beverages	4.6	6.1	10.8	9.6	11.5	14.0	15.4	17.4	17	15	10	8
Industrial supplies and materials	12.0	15.3	54.4	51.0	64.3	80.7	84.8	109.9	45	38	52	52
Capital goods, except automotive	2.5	4.0	9.9	10.2	12.3	14.0	19.2	24.6	9	10	10	12
Automotive vehicles and parts ³	2.4	5.5	12.0	11.7	16.2	18.6	24.2	25.6	9	14	12	12
Consumer goods (nonfood) ⁴	4.2	7.4	14.4	13.2	17.2	21.8	28.9	30.6	16	19	14	14

¹ Preliminary. ² Includes other end use items, not shown separately.³ Includes engines.⁴ Excludes automotive.Source: U.S. Bureau of Economic Analysis, *Survey of Current Business*, June and September 1980.

NO. 1541. EXPORTS AND IMPORTS OF MERCHANDISE, BY CONTINENTS, AREAS, AND COUNTRIES: 1965 TO 1979

[In millions of dollars, except percent. Beginning 1970, includes silver ore and bullion. See *Historical Statistics, Colonial Times to 1970*, series U 317-352, for selected countries]

CONTINENT, AREA, AND COUNTRY	EXPORTS, DOMESTIC AND FOREIGN ¹										GENERAL IMPORTS ²					
	1965	1970	1974	1975	1976	1977	1978	1979	1985	1970	1974	1975	1976	1977	1978	1979
Total ³	27,478	43,224	98,507	107,592	114,992	121,212	143,663	181,802	21,366	39,952	100,997	96,902	120,678	147,571	171,978	206,327
Developed countries ⁵	18,315	29,877	63,020	64,780	70,595	74,891	85,585	110,566	14,067	29,259	60,475	56,700	66,996	78,620	98,909	111,514
Percent of total	66.7	69.1	64.0	60.2	61.4	61.7	59.6	60.8	65.8	73.2	59.9	58.5	55.5	53.2	57.5	54.0
Developing countries ⁵	9,023	12,993	32,695	39,215	40,364	43,307	52,995	62,982	7,145	10,442	39,500	39,311	52,628	67,703	71,230	92,345
Percent of total	32.8	30.0	33.4	36.2	35.0	35.7	36.8	34.8	33.2	26.5	39.0	39.4	43.1	46.3	39.5	46.0
Communist areas, total	140	354	2,240	3,092	3,640	2,716	4,503	7,408	142	227	1,007	891	1,059	1,336	1,831	2,461
Percent of total	0.5	0.8	2.3	2.8	3.1	2.2	3.1	4.1	0.7	0.2	1.0	0.9	0.9	0.9	1.1	1.2
Africa	1,229	1,580	3,659	4,949	5,206	5,546	5,687	6,292	878	1,113	6,621	8,299	12,644	17,024	16,898	24,377
Percent of total	4.5	3.6	3.7	4.6	4.5	4.6	3.9	3.5	4.1	2.8	15.5	8.6	10.4	11.6	10.4	12.1
Asia	6,012	10,027	25,785	26,223	29,729	31,436	39,530	48,771	4,528	9,621	27,522	27,252	39,367	49,312	58,264	66,740
Percent of total	21.9	23.2	26.1	23.2	25.8	25.9	27.5	26.9	19.3	24.3	27.3	28.5	32.4	33.2	32.4	33.2
Oceania	956	1,189	2,697	2,340	2,690	2,677	3,464	4,319	453	871	1,505	1,508	1,171	1,728	2,350	3,072
Percent of total	3.5	2.7	2.7	2.1	2.3	2.2	2.4	2.4	0.2	0.2	1.5	1.6	1.0	1.2	1.6	2.1
Europe	9,364	14,817	30,070	32,732	35,901	37,304	39,329	54,331	6,292	11,395	24,625	21,629	23,640	28,802	36,483	41,684
Percent of total	34.1	34.5	34.1	30.0	31.2	30.8	27.7	29.7	29.7	28.7	24.6	22.2	19.6	19.5	24.8	28.4
North America	7,742	12,367	27,889	30,040	32,479	34,407	39,400	47,983	9,579	13,970	51,735	50,976	59,594	69,062	84,173	95,410
Percent of total	28.9	26.8	28.3	28.0	30.2	28.4	27.5	26.7	45.0	35.3	51.4	52.3	49.3	47.0	48.1	45.1
South America	2,175	3,244	7,856	8,803	8,595	9,272	10,990	13,569	2,624	2,958	8,975	7,232	7,761	9,343	10,308	13,172
Percent of total	7.9	7.5	8.0	8.2	7.5	7.6	7.2	7.5	12.5	7.5	9.0	7.5	6.4	6.5	7.5	9.4
Western Hemisphere	9,917	15,612	35,745	38,843	41,074	43,751	50,394	61,553	9,203	16,928	40,710	38,209	43,356	50,697	56,473	69,583
Canada	5,643	9,079	19,936	21,744	24,106	25,788	28,374	33,956	4,832	11,092	22,286	22,151	26,237	29,599	33,525	38,099
Percent of total	20.5	21.2	20.5	19.8	20.9	19.6	19.7	18.7	22.6	29.8	22.6	22.8	22.6	20.1	21.2	22.8
20 Latin American countries	3,788	5,695	14,501	15,655	15,481	16,371	20,185	26,257	3,675	4,779	13,679	11,847	13,228	16,450	18,556	24,782
Percent of total	13.8	13.2	14.7	14.5	13.4	13.8	14.0	14.5	17.3	12.0	13.7	12.7	11.0	11.2	13.1	16.4
Other Western Hemisphere	487	837	1,309	1,444	1,487	1,592	1,835	2,200	696	1,057	4,745	4,210	3,891	4,648	4,392	5,701
Percent of total	1.8	1.9	1.3	1.3	1.3	1.3	1.3	1.2	3.2	2.7	4.7	4.3	3.2	3.2	3.1	4.0
Central American Common Market	341	425	1,032	968	1,153	1,478	1,571	1,653	279	416	788	810	1,208	1,681	1,478	1,895
Percent of total	1.2	1.0	1.0	0.9	1.0	1.2	1.1	1.0	1.3	1.1	0.8	0.8	0.9	1.2	1.0	1.3
Costa Rica	61	95	232	212	255	323	335	413	57	117	700	179	233	285	293	389
Percent of total	0.2	0.2	0.2	0.2	0.2	0.3	0.2	0.2	0.3	0.1	0.7	0.2	0.2	0.2	0.3	0.4
El Salvador	61	95	202	194	232	314	366	352	48	161	170	182	287	450	293	444
Percent of total	0.2	0.2	0.2	0.2	0.2	0.3	0.3	0.2	0.2	0.1	0.2	0.2	0.3	0.3	0.3	0.5
Guatemala	96	100	240	255	334	377	398	467	67	87	211	173	293	405	342	413
Percent of total	0.3	0.2	0.2	0.2	0.3	0.3	0.3	0.3	0.3	0.1	0.2	0.2	0.3	0.4	0.3	0.4
Honduras	54	89	159	151	162	240	288	324	72	103	150	145	216	358	339	415
Percent of total	0.2	0.2	0.2	0.1	0.1	0.2	0.2	0.2	0.3	0.1	0.1	0.1	0.2	0.4	0.3	0.5
Nicaragua	69	77	199	156	169	223	184	100	36	61	97	131	181	183	211	234
Percent of total	0.2	0.2	0.2	0.1	0.1	0.2	0.1	0.1	0.2	0.0	0.1	0.1	0.2	0.2	0.2	0.3
Latin American Free Trade Association	3,224	4,885	12,569	13,773	13,395	13,920	17,499	23,221	3,205	4,071	12,200	10,100	11,208	13,906	16,195	21,807
Argentina	268	441	597	628	544	731	842	1,890	122	171	381	215	308	392	563	813
Percent of total	1.2	1.1	1.2	0.6	0.5	0.6	0.5	0.8	0.6	0.4	0.3	0.2	0.3	0.3	0.6	0.8
Bolivia	42	46	105	138	133	214	208	146	31	25	102	89	114	157	169	222
Percent of total	0.1	0.1	0.1	0.1	0.1	0.2	0.1	0.1	0.1	0.0	0.1	0.1	0.1	0.1	0.2	0.2
Brazil	348	840	3,088	3,056	2,809	2,981	2,981	3,442	512	670	1,705	1,467	1,737	2,241	2,826	3,119
Percent of total	1.3	1.9	3.4	2.8	2.4	2.4	2.1	1.9	2.4	1.7	1.7	1.5	1.4	1.5	3.1	3.4
Chile	237	300	452	533	508	520	725	886	209	157	311	138	222	273	385	440
Percent of total	0.9	0.7	0.5	0.5	0.4	0.4	0.5	0.5	0.9	0.4	0.3	0.1	0.2	0.2	0.4	0.5
Colombia	198	395	659	643	703	782	1,046	1,409	277	269	517	596	655	819	1,044	1,209
Percent of total	0.7	0.9	0.7	0.6	0.6	0.6	0.7	0.8	1.3	0.7	0.5	0.6	0.5	0.6	0.9	1.1
Ecuador	80	127	326	410	415	565	609	696	108	109	473	463	539	621	741	816
Percent of total	0.3	0.3	0.3	0.4	0.4	0.5	0.4	0.4	0.5	0.3	0.4	0.5	0.4	0.4	0.8	0.9
Mexico	1,106	1,704	4,855	5,141	4,990	4,822	6,680	9,847	638	1,219	3,386	3,065	3,598	4,694	6,094	8,813
Percent of total	4.0	3.9	4.3	4.7	4.3	4.0	4.6	5.4	3.0	3.0	3.4	3.2	3.0	3.2	3.5	4.1
Paraguay	16	18	30	33	38	51	90	128	23	31	21	19	20	24	51	164
Percent of total	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1
Peru	282	214	647	896	573	500	501	720	143	341	609	397	379	513	654	813
Percent of total	1.0	0.5	0.7	0.8	0.5	0.4	0.4	0.4	0.7	0.8	0.6	0.4	0.3	0.3	0.7	0.9
Uruguay	20	41	42	51	54	74	90	127	36	19	16	24	35	62	123	191
Percent of total	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.2
Venezuela	626	759	1,768	2,243	2,626	3,172	3,728	3,931	1,018	1,082	4,679	3,625	3,574	4,084	3,565	5,166
Percent of total	2.3	1.8	1.8	2.0	2.3	2.6	2.6	2.2	4.7	2.8	4.7	3.8	3.0	2.8	3.9	5.1
Other Latin America	222	385	900	914	940	973	1,116	1,381	191	232	691	937	812	984	883	1,080
Cuba	(2)	(2)	(2)	(2)	(2)	1	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)
Dominican Republic	76	143	410	453	432	424	473	610	111	184	471	634	523	637	537	667
Percent of total	0.3	0.3	0.9	1.0	0.9	0.9	0.3	0.3	0.5	0.5	0.4	0.7	0.4	0.7	0.6	0.7
Haiti	21	34	125	144	150	203	204	243	20	32	112	107	148	166	183	222
Percent of total	0.1	0.1	0.1	0.1	0.1	0.2	0.2	0.1	0.0	0.0	0.1	0.1	0.1	0.1	0.2	0.2
Panama	125	208	364	317	358	346	438	528	60	76	108	196	142	159	153	191
Percent of total	0.4	0.5	0.4	0.3	0.3	0.3	0.3	0.3	0.3	0.2	0.1	0.2	0.1	0.1	0.2	0.2

	487	837	1,309	1,444	1,481	1,592	1,835	2,200	696	1,057	4,745	4,210	3,891	4,648	4,392	5,701
Other W. Hemisphere																
Bahamas.....	107	173	253	208	199	224	284	334	24	82	961	880	670	1,058	977	1,589
Barbados.....	9	22	38	36	49	59	79	120	5	9	32	34	30	32	38	57
Belize.....	8	11	19	26	23	31	41	67	7	7	30	34	13	20	29	31
Bermuda.....	44	92	63	63	79	87	109	121	1	1	2	3	4	5	14	10
French West Indies.....	11	15	33	26	32	34	47	59	7	9	1	1	5	4	4	6
Greenland.....	(2)	1	6	8	4	3	1	1	4	2	4	7	8	17	20	20
Guyana.....	20	25	66	89	95	62	54	74	21	43	83	87	62	54	61	66
Jamaica.....	87	218	337	381	285	271	289	292	125	187	233	307	312	345	385	375
Leeward and Windward Islands.....	13	32	34	41	38	65	79	98	2	6	27	15	19	9	25	33
Netherlands Antilles.....	75	126	183	228	248	304	377	412	319	416	2,018	1,559	1,174	1,292	1,262	1,830
Surinam.....	36	35	73	79	93	119	115	114	33	56	73	108	87	119	137	106
Trinidad and Tobago.....	75	84	192	256	309	306	330	462	142	232	1,273	1,171	1,500	1,677	1,425	1,560
Other.....	1	4	4	3	24	27	30	46	5	8	8	4	8	16	13	18
Western Europe	9,224	14,463	28,637	29,945	32,396	34,760	39,929	54,331	6,155	11,169	23,734	20,892	22,789	27,669	36,483	41,684
OECD^a	9,066	14,279	28,267	29,575	32,048	34,346	39,405	53,502	6,091	11,070	23,460	20,627	22,398	27,310	36,072	41,275
European Economic Com. ¹	7,145	11,298	22,069	22,865	25,409	27,092	32,048	42,582	4,932	9,222	19,206	16,733	17,844	22,209	29,006	33,295
Belgium and Luxembourg.....	650	1,195	2,284	2,417	2,993	3,138	3,653	5,186	494	696	1,683	1,189	1,119	1,453	1,782	1,741
Denmark ¹	203	227	360	445	444	532	585	732	147	284	477	464	560	583	684	707
France.....	971	1,483	2,942	3,031	3,446	3,503	4,166	5,587	615	942	2,305	2,164	2,509	3,032	4,051	4,771
Germany, Fed. Rep. of.....	1,650	2,741	4,985	5,194	5,731	5,989	6,957	8,462	1,341	3,127	6,429	5,410	5,592	7,238	9,962	10,955
Ireland ¹	69	112	193	190	280	378	527	695	58	135	247	178	201	236	320	323
Italy.....	891	1,353	2,752	2,867	3,071	2,790	3,361	4,359	620	1,316	2,593	2,457	2,530	3,037	4,102	4,918
Netherlands.....	1,098	1,651	3,979	4,193	4,643	4,812	5,983	6,907	251	528	1,449	1,089	1,080	1,488	1,602	1,852
Triste, Free Territory of.....	2	(x)	(x)	(x)	(x)	(x)	(x)	(x)	1	(x)	(x)	(x)	(x)	(x)	(x)	(x)
United Kingdom ¹	1,615	2,536	4,574	4,527	4,801	5,951	7,116	10,635	1,405	2,194	4,023	3,773	4,254	5,141	6,514	8,029
Other OECD ^a	1,921	2,981	6,199	6,710	6,639	7,254	7,357	10,920	1,159	1,848	4,255	3,894	4,553	5,102	7,066	7,980
Austria ^a	58	74	148	181	197	245	260	312	66	120	457	243	237	281	407	380
Finland ^a	76	99	201	261	243	195	215	337	84	114	212	149	199	280	368	449
Greece.....	172	203	488	450	591	539	699	812	44	52	158	110	146	174	167	183
Iceland.....	18	13	38	32	35	36	39	48	20	47	75	85	124	159	174	225
Norway.....	140	196	498	510	500	541	558	688	124	142	311	403	651	786	1,190	1,265
Portugal.....	75	126	407	427	400	551	525	691	56	92	241	157	128	146	180	244
Spain.....	472	712	1,899	2,164	2,020	1,875	1,884	2,507	133	353	899	836	914	971	1,257	1,304
Sweden ^a	336	543	908	925	1,029	1,101	1,091	1,513	243	399	858	887	918	998	1,328	1,652
Switzerland ^a	369	700	1,150	1,153	1,173	1,749	1,728	3,660	306	459	902	879	1,025	1,180	1,820	2,076
Turkey.....	205	315	463	608	451	424	358	354	83	70	142	145	222	148	175	201
Special category ^a	(x)	(x)	(x)	(x)	(x)	(x)	(x)	(x)	(x)	(x)	(x)	(x)	(x)	(x)	(x)	(x)
Other Western Europe	158	183	370	369	348	414	524	829	65	99	274	265	392	359	411	409
Yugoslavia.....	149	168	310	328	298	557	475	757	61	96	268	261	385	347	395	399
Other Special Category ^a	9	15	60	41	51	57	49	72	3	3	6	4	6	12	16	20

See footnotes at end of table.

NO. 1541. EXPORTS AND IMPORTS OF MERCHANDISE, BY CONTINENTS, AREAS, AND COUNTRIES: 1965 TO 1979—Continued
 [In millions of dollars, except percent. See headnote, p. 874]

CONTINENT, AREA, AND COUNTRY	EXPORTS, DOMESTIC AND FOREIGN ¹								GENERAL IMPORTS ²							
	1965	1970	1974	1975	1976	1977	1978	1979	1965	1970	1974	1975	1976	1977	1978	1979
Communist areas in Europe.....	140	354	1,433	2,787	3,504	2,544	3,679	5,683	137	226	891	731	856	1,132	1,502	1,855
Bulgaria.....	4	15	22	30	43	24	48	57	2	2	2	8	20	27	18	19
Czechoslovakia.....	28	33	49	53	149	75	106	281	17	24	46	31	37	37	58	35
German Dem. Rep.....	12	33	22	17	65	36	170	356	7	9	14	11	14	17	35	36
Hungary.....	35	70	396	76	63	81	99	78	2	6	75	35	48	46	68	110
Poland.....	9	28	36	163	63	48	680	793	66	98	266	243	310	324	434	423
Romania.....	6	66	278	191	250	319	680	501	2	13	131	133	197	232	345	328
Soviet Union.....	45	119	608	1,835	2,310	1,628	2,252	3,607	43	72	350	255	220	453	539	872
Other.....	(Z)	(Z)	1	2	1	1	5	10	(Z)	(Z)	1	3	3	5	(Z)	(Z)
Asia.....	6,012	10,027	25,785	28,223	29,729	31,436	39,630	48,771	4,528	9,621	27,522	27,252	39,367	49,312	58,264	66,740
Japan.....	2,080	4,652	10,679	9,563	10,145	10,529	12,885	17,579	2,414	5,875	12,456	11,425	15,504	18,550	24,458	26,243
Communist areas.....	(Z)	(Z)	807	305	136	176	824	1,725	4	1	116	160	203	204	329	596
Other Asia.....	3,932	5,375	14,300	18,356	19,448	20,736	25,921	29,467	2,110	3,745	14,950	15,667	23,660	30,558	33,478	39,902
Near East Asia.....	831	1,946	5,102	8,263	9,234	10,038	12,412	11,030	376	348	4,671	5,401	9,011	12,849	11,813	14,988
Bahrain.....	10	12	80	30	250	203	157	169	12	6	6	100	30	72	29	11
Iran.....	195	326	1,734	3,514	2,782	2,731	3,657	1,412	86	67	2,136	1,398	1,480	2,802	2,677	2,784
Iraq.....	49	52	1,265	1,551	1,382	2,111	3,817	1,412	20	3	1	19	110	381	243	618
Israel.....	224	582	1,206	1,551	1,309	1,417	1,925	1,857	62	150	280	314	423	572	720	749
Jordan.....	27	63	105	195	234	302	235	334	(Z)	(Z)	(Z)	1	3	3	1	4
Kuwait.....	66	62	209	366	472	548	745	765	47	25	13	111	38	215	50	87
Lebanon.....	75	64	287	368	49	124	142	227	6	13	30	33	5	42	15	15
Saudi Arabia.....	137	141	835	1,502	2,774	3,575	4,370	4,875	106	20	1,670	2,623	5,213	6,347	5,307	7,983
Syria.....	13	11	40	128	273	134	143	229	2	2	2	7	10	16	37	165
Other.....	35	52	322	508	590	762	693	1,122	41	61	478	796	1,702	2,395	2,535	2,573
East and South Asia.....	3,100	4,030	9,198	10,095	10,213	10,697	13,509	18,418	1,735	3,397	10,279	10,267	14,649	17,710	21,665	24,914
Afghanistan ¹⁰	14	10	10	19	13	13	29	66	12	4	4	8	12	15	12	13
Burma ¹⁰	14	11	5	10	13	13	17	32	1	1	2	1	2	2	4	4
China: Taiwan.....	234	527	1,427	1,659	1,635	1,798	2,342	3,271	93	549	2,107	1,946	2,989	3,671	5,170	5,901
Hong Kong.....	191	406	882	808	1,117	1,292	1,625	2,083	343	944	1,637	1,573	2,413	2,894	3,474	4,006
India ¹⁰	928	572	760	1,290	1,136	779	948	1,167	348	298	561	549	708	776	979	1,038
Indonesia.....	42	266	531	810	1,035	763	751	982	165	192	1,693	2,222	3,004	3,475	3,607	3,621
Kampuchea.....	2	2	180	66	(Z)	(Z)	(Z)	(Z)	2	1	1	1	(Z)	(Z)	(Z)	(Z)
Korea, Republic of.....	274	643	1,546	1,762	2,015	2,371	3,160	4,191	54	370	1,460	1,442	2,404	2,883	3,746	4,047
Laos ¹⁰	9	8	19	4	(Z)	(Z)	1	2	(Z)	(Z)	(Z)	1	1	1	1	1
Malaysia.....	91	67	377	393	536	561	728	932	212	270	775	772	940	1,318	1,519	2,146
Pakistan ¹⁰	336	325	396	372	394	293	496	529	45	80	61	49	70	56	84	120

Trade Destination and Origin

877

East and South Asia—Con.													
	349	373	747	832	818	876	1,041	1,570	369	472	1,091	756	883
	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)
Philippines.....	1,489	1,467	1,207	1,110	1,207	1,489	1,467	1,207	1,110	1,207	1,489	1,467	1,207
Singapore.....	1,489	1,467	1,207	1,110	1,207	1,489	1,467	1,207	1,110	1,207	1,489	1,467	1,207
Sri Lanka ¹⁰	100	100	61	61	100	100	61	61	100	100	61	61	100
Thailand ¹⁰	600	600	439	439	600	600	439	439	600	600	439	439	600
Vietnam.....	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)
Other and Special Category ⁹	352	295	214	295	352	295	214	295	352	295	214	295	352
Oceania.....	3,072	3,072	2,350	1,728	3,072	2,350	1,728	3,072	2,350	1,728	3,072	2,350	1,728
Australia.....	2,164	2,164	1,559	1,147	2,164	1,559	1,147	2,164	1,559	1,147	2,164	1,559	1,147
New Zealand and W. Samoa.....	710	710	528	357	710	528	357	710	528	357	710	528	357
Other.....	198	198	166	130	198	166	130	198	166	130	198	166	130
Africa.....	16,998	16,998	12,644	8,299	16,998	12,644	8,299	16,998	12,644	8,299	16,998	12,644	8,299
Algeria.....	4,940	4,940	3,482	2,209	4,940	3,482	2,209	4,940	3,482	2,209	4,940	3,482	2,209
Angola.....	326	326	227	227	326	227	227	326	227	227	326	227	227
Cameroun.....	202	202	77	38	202	77	38	202	77	38	202	77	38
Central African Republic.....	5	5	7	4	5	7	4	5	7	4	5	7	4
Egypt.....	381	381	170	93	381	170	93	381	170	93	381	170	93
Ethiopia.....	109	109	94	94	109	94	94	109	94	94	109	94	94
Gabon.....	320	320	194	190	320	194	190	320	194	190	320	194	190
Ghana.....	225	225	215	214	225	215	214	225	215	214	225	215	214
Ivory Coast.....	363	363	415	300	363	415	300	363	415	300	363	415	300
Kenya.....	50	50	51	92	50	51	92	50	51	92	50	51	92
Liberia.....	136	136	133	99	136	133	99	136	133	99	136	133	99
Libya.....	5,256	5,256	3,779	2,243	5,256	3,779	2,243	5,256	3,779	2,243	5,256	3,779	2,243
Madagascar.....	69	69	106	60	69	106	60	69	106	60	69	106	60
Mauritania.....	(2)	(2)	1	(2)	(2)	1	(2)	(2)	1	(2)	(2)	1	(2)
Morocco.....	40	40	44	22	40	44	22	40	44	22	40	44	22
Mozambique.....	50	50	39	66	50	39	66	50	39	66	50	39	66
Nigeria.....	8,162	8,162	4,709	3,281	8,162	4,709	3,281	8,162	4,709	3,281	8,162	4,709	3,281
South Africa.....	2,617	2,617	2,259	1,261	2,617	2,259	1,261	2,617	2,259	1,261	2,617	2,259	1,261
Sudan.....	16	16	14	18	16	14	18	16	14	18	16	14	18
Tanzania.....	95	95	21	56	95	21	56	95	21	56	95	21	56
Tunisia.....	82	82	107	246	82	107	246	82	107	246	82	107	246
Uganda.....	286	286	173	193	286	173	193	286	173	193	286	173	193
Zaire.....	121	121	116	102	121	116	102	121	116	102	121	116	102
Zambia.....	480	480	430	396	480	430	396	480	430	396	480	430	396
Other.....	24,377	24,377	16,998	17,121	24,377	16,998	17,121	24,377	16,998	17,121	24,377	16,998	17,121

- Represents zero. X Not applicable. Z Less than \$500,000. ¹ For 1965, reflects declassification of Special Category commodities as authorized January 5, 1968; area and country totals reflect relaxation of security restrictions as authorized July 17, 1969. ² 1965-1975, customs value basis; thereafter, f.a.s. value basis. ³ Includes estimates for low-valued shipments from countries which could not be identified because of illegible reporting on import entries. ⁴ Includes unidentified countries, not shown separately. ⁵ Developed countries include Canada, Europe, Japan, Australia, New Zealand, and South Africa; developing countries include rest of the world excluding Communist areas in 1973, United Kingdom, Denmark, and Ireland; became members made by United Nations. (See table 1573.) ⁶ OECD—Organization for Economic Cooperation and Development. ⁷ As of January 1, 1973. ⁸ Prior to 1974, security regulations required that information on exports of EEC. For consistency, data for all years are shown on same basis. ⁹ Includes special category exports, if any. ¹⁰ Excludes Special Category exports, if any.

Source: U.S. Bureau of the Census, *Foreign Commerce and Navigation of the United States: Highlights of U.S. Export and Import Trade*, FT 980, monthly; and unpublished data.

NO. 1542. EXPORTS AND IMPORTS OF LEADING COMMODITIES—VALUE, BY AREAS: 1978 AND 1979

[In millions of dollars, except percent. Includes nonmonetary gold. F.a.s. (free alongside ship) transaction value basis]

COMMODITY	1978					1979				
	Total ¹	Canada	American Republics	Western Europe ²	Far East ³	Total ¹	Canada	American Republics	Western Europe ²	Far East ³
Exports, total	143,663	28,374	20,185	39,937	27,218	181,802	33,096	26,257	54,331	37,741
Percent	100.0	19.8	14.1	27.8	18.9	100.0	18.2	14.4	29.9	20.8
Agricultural commodities:										
Grains and preparations ⁴	11,634	101	1,478	2,152	3,411	14,450	132	1,684	2,489	4,176
Fruits, nuts, vegetables ⁴	1,889	590	107	552	453	2,130	599	150	631	503
Tobacco, unmanufactured.....	1,358	4	36	766	407	1,184	6	48	557	457
Soybeans.....	5,210	97	232	2,928	1,369	5,708	79	176	2,960	1,592
Cotton, excl. linters, waste.....	1,740	65	7	205	1,395	2,196	80	22	266	1,724
Nonagricultural: ⁵										
Ores and scrap, metal.....	1,839	285	110	624	748	3,325	388	246	1,464	1,126
Coal, coke, and briquettes.....	2,123	751	150	539	635	3,496	958	260	1,193	994
Petroleum products.....	1,564	533	210	410	197	1,914	575	286	561	268
Chemicals.....	12,623	1,739	2,679	4,275	1,487	17,306	1,994	3,814	5,596	3,981
Machinery ⁶ ⁷	38,022	7,707	6,710	10,521	5,490	45,816	8,785	8,494	13,095	7,534
Agricultural machines, tractors, parts ⁸	3,239	1,095	679	625	212	3,800	1,369	755	747	268
Road motor vehicles ⁸ ⁷	12,016	7,456	1,726	718	402	13,784	8,450	1,901	1,042	582
Automotive parts ⁸	5,682	3,978	957	279	128	6,148	4,023	1,179	366	166
Aircraft, civilian, and parts for all aircraft.....	5,907	366	576	2,140	1,253	8,824	688	936	3,003	2,552
Pulp, paper, and manufactures.....	2,808	440	473	862	638	3,401	470	644	1,133	736
Metals and manufactures.....	6,101	1,772	1,103	1,158	642	7,926	1,961	1,558	1,902	1,245
Iron and steelmill products ⁹	1,646	433	464	207	187	2,227	550	653	260	405
Textile yarn, fabrics, and made-up articles.....	2,225	539	387	715	184	3,189	610	524	1,177	318
Other (incl. Special Category).....	36,807	5,909	4,201	11,372	7,506	47,151	7,321	5,512	17,262	9,953
General imports, total	171,978	33,525	18,566	36,482	46,122	206,326	38,099	24,782	41,684	51,156
Percent	100.0	19.5	10.8	21.2	26.8	100.0	18.5	12.0	20.2	24.8
Imports for consumption	171,650	33,329	18,530	36,310	45,925	205,115	37,879	24,584	41,361	50,844
Meat and preparations.....	1,856	109	383	278	11	2,539	169	522	218	10
Fruits, nuts, and vegetables.....	1,838	71	1,098	210	330	2,061	71	1,208	228	400
Coffee.....	3,728	(2)	2,660	4	239	3,820	(2)	2,911	8	283
Sugar.....	723	23	393	19	174	974	26	679	1	63
Alcoholic beverages.....	1,744	300	42	1,368	9	2,013	322	57	1,593	10
Pulp, paper, and manufactures.....	4,090	3,232	52	170	63	4,903	4,310	110	337	100
Ores and scrap metal.....	2,812	932	459	91	69	3,247	1,116	589	139	123
Petroleum, crude and partly refined.....	32,134	1,246	3,004	1,390	2,951	46,100	1,888	5,852	2,113	2,838
Petroleum products.....	6,970	489	2,302	454	409	9,946	592	2,969	957	606
Chemicals.....	6,430	1,805	312	3,227	687	7,485	2,362	405	3,448	764
Machinery ⁶	24,752	3,505	1,644	7,646	11,750	28,530	4,001	2,124	9,156	12,964
Transport equipment ⁷	22,838	8,773	295	5,187	8,514	25,148	8,572	350	6,221	9,852
Automobiles, new.....	13,646	4,122	(2)	3,786	5,738	14,813	3,705	(2)	4,437	6,670
Iron and steelmill products ⁹	6,681	780	216	2,660	2,707	6,764	901	198	2,380	3,030
Nonferrous base metals.....	4,367	1,384	616	1,046	728	4,678	1,384	621	1,082	862
Textile yarn, fabrics, and made-up articles.....	2,200	53	220	685	1,093	2,216	54	235	662	1,074
Fish, including shellfish.....	2,212	519	533	400	480	2,639	595	792	390	550
Other imports.....	46,603	10,304	4,337	11,647	15,908	53,262	11,736	5,160	12,751	17,627

Z Less than \$500,000. ¹ Includes areas not shown separately. ² Includes Greece and Turkey. ³ Asia, excluding Near East and Communist areas. ⁴ Includes shipments for relief by individuals and private agencies. ⁵ Excludes "Special Category." ⁶ Includes parts for tractors. ⁷ Excludes parts for tractors. ⁸ Nonmilitary. ⁹ Excludes pig iron.

Source: U.S. Dept. of Commerce, International Trade Administration, *Overseas Business Reports, U.S. Trade with Major World Areas*, annual.

NO. 1543. PERCENT DISTRIBUTION OF DOMESTIC EXPORTS AND GENERAL IMPORTS, BY COMMODITY GROUPS: 1960 TO 1979

COMMODITY GROUP	1960	1965	1970	1973	1974	1975	1976	1977	1978	1979
Exports:										
Food and live animals.....	13.2	14.7	10.2	17.0	14.4	14.6	13.9	11.9	13.0	12.5
Beverages and tobacco.....	2.4	1.9	1.6	1.4	1.3	1.2	1.3	1.6	1.6	1.3
Crude materials, inedible ¹	13.7	10.5	10.8	11.9	11.3	9.2	9.6	11.0	11.0	11.6
Mineral fuels and related materials.....	4.1	3.5	3.7	2.4	3.5	4.2	3.7	3.5	2.8	3.1
Chemicals.....	8.7	8.8	9.0	8.2	9.1	8.2	8.8	9.1	8.9	9.7
Machinery and transport equip.....	34.3	37.3	42.0	39.7	39.3	43.0	43.7	42.2	42.0	39.5
Other manufactured goods.....	18.7	18.0	17.9	15.8	17.0	15.6	15.7	16.0	16.1	16.2
General imports:										
Food and live animals.....	19.0	16.1	13.5	11.5	9.4	8.8	8.5	8.5	7.9	7.4
Beverages and tobacco.....	2.6	2.6	2.1	1.8	1.3	1.5	1.3	1.1	1.3	1.2
Crude materials, inedible ¹	18.3	14.5	8.3	7.2	6.0	5.8	5.8	5.7	5.4	5.2
Mineral fuels and related materials.....	10.5	10.4	7.7	11.8	25.4	27.5	28.2	30.2	24.5	29.1
Chemicals.....	5.3	3.6	3.6	3.5	4.0	3.8	4.0	3.4	3.7	3.6
Machinery and transport equipment.....	9.7	13.8	28.0	30.3	24.0	24.4	24.7	24.7	27.7	26.0
Other manufactured goods.....	30.3	35.1	33.3	30.9	27.1	24.9	25.0	23.8	26.9	24.8

¹ Excludes fuels.

Source: U.S. Dept. of Commerce, International Trade Administration, *Overseas Business Reports, U.S. Foreign Trade*, annual. Also in U.S. Bureau of the Census, *Highlights of U.S. Export and Import Trade*, Report FT 990, monthly.

NO. 1544. DOMESTIC EXPORTS, BY SELECTED COMMODITY GROUPS: 1965 TO 1979

[In millions of dollars. Totals and subtotals include data for commodities not shown separately. Beginning 1973, exports include nonmonetary gold. Commodity data beginning 1978 are not strictly comparable with previous years due to changes in export classifications, see source for changes. For 1977, adjustments have been made to the subtotals and to certain commodities to provide greater comparability with later years. "N.e.c." means not elsewhere classified. See also *Historical Statistics, Colonial Times to 1970*, series U 274-294]

COMMODITY GROUP	1965	1970	1973	1974	1975	1976	1977	1978	1979
U.S. merchandise.....	27,178	42,590	70,296	97,234	106,561	113,666	119,005	141,126	178,578
Food and live animals.....	4,002	4,358	11,930	13,986	15,484	15,710	14,116	18,311	22,245
Meat and preparations.....	162	175	444	371	528	798	797	958	1,127
Meat, fresh, chilled, or frozen.....	136	147	405	336	491	759	750	894	1,057
Dairy products and eggs.....	191	137	56	67	134	128	189	190	161
Grains and preparations.....	2,637	2,596	8,496	10,331	11,642	10,911	8,755	11,634	14,450
Wheat, including wheat flour.....	1,184	1,112	4,154	4,589	5,293	4,040	2,883	4,532	5,491
Rice.....	244	314	539	852	858	629	730	929	850
Coarse grains.....	1,135	1,072	3,558	4,673	5,272	6,023	4,913	5,820	7,804
Corn.....	833	824	2,836	3,772	4,448	5,223	4,139	5,301	7,022
Grain sorghums.....	209	196	468	689	699	642	604	531	686
Fruits and nuts.....	339	406	662	757	871	976	1,080	1,335	1,525
Fruit, fresh.....	145	164	284	326	404	434	458	530	624
Vegetables.....	148	178	307	391	406	559	517	554	605
Feed for animals.....	278	497	1,266	1,287	987	1,358	1,572	1,921	2,317
Beverages and tobacco.....	517	702	1,008	1,247	1,308	1,524	1,847	2,293	2,337
Tobacco and manufactures.....	506	679	970	1,133	1,253	1,457	1,732	2,125	2,148
Leaf tobacco.....	378	481	681	832	852	922	1,094	1,358	1,184
Cigarettes.....	105	159	250	301	368	510	615	749	909
Crude materials, inedible, exc. fuels.....	2,855	4,605	8,380	10,934	9,784	10,891	13,086	15,555	20,755
Hides and skins, except fur skins.....	109	145	377	339	295	522	578	695	992
Soybeans.....	650	1,216	2,762	3,537	2,865	3,315	4,393	5,210	5,708
Synthetic rubber.....	161	176	196	290	261	329	327	369	578
Wood in the rough ¹	124	366	823	744	751	945	1,178	1,376	1,782
Wood shaped or simply worked.....	119	193	473	468	413	563	551	618	1,015
Lumber, softwood.....	94	162	422	399	342	471	444	452	778
Woodpulp.....	180	464	820	820	875	844	875	817	1,104
Textile fibers and wastes.....	617	543	1,313	1,782	1,345	1,426	1,899	2,302	3,046
Raw cotton, excluding linters.....	486	372	929	1,335	991	1,049	1,530	1,740	2,198
Ores and metal scrap.....	435	940	1,081	1,475	1,355	1,284	1,290	1,839	3,325
Iron and steel scrap.....	197	447	598	849	780	634	413	698	1,142
Ores and scrap, nonferrous base.....	154	397	427	522	461	499	600	893	1,920
Mineral fuels and related materials.....	947	1,595	1,671	3,444	4,470	4,226	4,184	3,881	5,616
Coal.....	477	962	1,014	2,437	3,259	2,910	2,655	2,046	3,328
Petroleum and products.....	418	488	518	792	908	998	1,280	1,564	1,914
Lubricating oils.....	185	175	174	298	275	292	305	467	639
Animal and vegetable oils and fats.....	472	493	684	1,423	944	978	1,309	1,521	1,845
Tallow, inedible.....	179	176	287	483	299	377	504	516	655
Soybean oil.....	162	192	150	519	266	238	440	560	776

See footnotes at end of table.

No. 1544. DOMESTIC EXPORTS, BY SELECTED COMMODITY GROUPS: 1965 TO 1979—Continued

[In millions of dollars. See headnote, p. 879. See also *Historical Statistics, Colonial Times to 1970*, series U 274-294]

COMMODITY GROUP	1965	1970	1973	1974	1975	1976	1977	1978	1979
Chemicals	2,403	3,826	5,749	8,819	8,691	9,959	10,812	12,623	17,306
Chemical elements and compounds.....	970	1,642	2,338	3,613	3,823	4,408	4,811	5,297	7,704
Dyeing, tanning, coloring materials.....	93	137	216	304	244	310	352	386	450
Medicinal, pharmaceutical products.....	256	420	626	800	866	997	1,081	1,404	1,591
Fertilizers, manufactured.....	153	178	407	815	1,083	613	704	1,091	1,404
Plastic materials and resins ²	425	653	1,028	1,618	1,166	1,672	1,838	2,088	3,241
Machinery and transport equipment	10,139	17,882	27,869	36,189	45,668	49,501	50,248	59,268	70,491
Machinery ³	6,935	11,685	17,508	24,318	29,215	32,113	32,638	38,105	45,914
Power generating machinery.....	841	1,405	2,218	2,882	3,551	3,662	3,819	4,797	6,839
Agricultural machinery.....	219	182	346	544	704	707	717	844	1,088
Tractors and parts.....	646	750	1,098	1,484	2,126	2,223	2,064	2,316	2,720
Electronic computers, parts and accessories.....	256	1,236	1,717	2,198	2,228	2,588	3,264	4,359	5,671
Other office machines ⁴	215	311	368	501	411	349	621	647	804
Metalworking machinery.....	332	396	489	639	922	953	730	1,186	1,391
Metalcutting machines.....	158	213	206	264	344	290	258	338	350
Textile, leather machinery.....	207	273	375	528	486	457	423	485	628
Construction, excavating, and maintenance equipment.....	324	434	568	868	1,277	1,381	1,352	1,318	1,234
Materials handling equipment.....	397	607	880	1,230	1,846	1,859	1,664	1,457	1,744
Air-conditioning and refrigerating equipment.....	210	397	580	858	928	1,055	1,245	1,562	1,468
Pumping equipment, incl. parts.....	143	241	327	433	543	606	630	729	893
Pipe valves and parts.....	111	196	250	335	458	518	548	610	657
Power machinery, switchgear.....	472	611	1,066	1,492	1,709	2,139	2,301	2,690	3,140
Generators, generating sets.....	149	117	286	421	548	800	889	569	487
Transforming, converting, transmission apparatus.....	120	156	232	343	417	487	518	609	553
Telecommunications apparatus.....	345	660	1,040	1,361	1,574	1,997	2,360	2,689	2,957
Radio, television apparatus.....	304	576	895	1,157	1,339	1,729	1,827	1,831	2,148
Domestic electrical equipment.....	116	119	223	378	359	463	523	610	666
Transport equipment ⁵	3,204	6,197	10,281	13,871	16,452	17,388	17,619	21,163	24,577
Railway vehicles.....	138	91	219	282	462	392	305	305	384
Road motor vehicles, parts ⁶	1,744	3,245	5,573	7,248	9,290	10,132	10,887	12,150	13,904
Automobiles, nonmilitary, new.....	393	822	1,790	2,303	2,852	3,228	3,568	3,573	4,611
Trucks and tractor trucks, commercial, new.....	279	452	715	1,140	1,712	1,509	1,513	1,504	1,583
Parts, accessories, commercial.....	875	1,603	2,616	3,193	3,620	4,213	4,673	5,682	6,147
Aircraft, parts, and accessories.....	1,130	2,656	4,119	5,766	6,136	6,104	5,874	8,204	9,719
Civilian aircraft.....	478	1,528	2,315	3,366	3,169	3,204	2,747	3,616	6,177
Other manufactured goods	4,690	7,636	11,112	16,515	16,592	17,781	19,091	22,644	28,879
Tires and tubes.....	166	186	308	544	544	491	338	280	353
Paper and manufactures.....	389	622	919	1,522	1,447	1,624	1,517	1,597	1,967
Paper and paperboard.....	325	526	738	1,232	1,131	1,291	1,162	1,187	1,430
Nonmetallic mineral mfrs., n.e.c.....	302	475	810	994	964	1,166	1,275	1,597	1,949
Metals and manufactures	1,787	2,978	3,468	5,725	5,661	5,180	5,149	6,101	7,926
Iron and steelmill products ⁶	607	1,188	1,258	2,500	2,382	1,833	1,608	1,646	2,227
Plates and sheets.....	184	335	382	687	327	338	272	402	567
Tubes, pipes, and fittings.....	160	226	345	852	1,412	778	677	798	1,077
Silver bullion, refined.....	51	31	20	28	104	33	39	55	238
Nonferrous base metals.....	539	893	950	1,301	1,090	1,088	1,058	1,048	1,745
Copper.....	293	358	384	415	333	282	196	310	425
Aluminum.....	159	358	346	478	433	469	480	555	899
Metal manufactures, n.e.c.....	553	744	1,111	1,665	1,891	2,089	2,399	3,103	3,431
Tools for hand or machine.....	141	204	288	406	480	498	558	603	693
Textiles, other than clothing.....	528	603	1,225	1,795	1,624	1,971	1,970	2,225	3,189
Textile yarn and thread.....	131	145	271	407	298	374	417	370	621
Cotton broad-woven fabrics.....	98	103	263	384	376	499	438	426	628
Textile fabrics, woven, exc. cotton.....	135	151	283	413	386	423	399	472	721
Clothing.....	143	198	278	400	403	510	608	677	931
Professional, scientific, and controlling instruments ⁷	480	857	1,214	1,662	1,792	1,951	3,241	3,904	4,289
Photographic supplies.....	130	250	417	548	606	703	813	1,073	1,227
Printed matter.....	226	327	393	486	548	607	668	812	956
Other transactions	954	1,496	1,892	2,676	3,621	3,097	4,314	5,030	9,103
Firearms of war and ammunition.....	644	682	633	852	1,361	1,261	1,617	1,951	1,854
Shipments of \$250 or less, est ⁸	245	692	1,091	1,563	1,572	1,190	1,244	1,487	1,796

¹ Beginning 1977, includes pulp wood chips, formerly classified in "Other manufactured goods" under "Wood and manufactures." ² Beginning 1977, includes rubber materials, formerly classified in "Other manufactured goods" under "Rubber manufactures." ³ Includes parts for tractors. ⁴ Beginning 1978, includes photocopy apparatus, formerly classified in "Other manufactured goods" under "Photographic and motion picture equipment." ⁵ Excludes parts for tractors. ⁶ Excludes pig iron. ⁷ Beginning 1977, electric measuring and controlling instruments are included in "Other manufactured goods" under "Professional, scientific, and controlling instruments"; formerly classified under "Machinery." ⁸ For 1965, data are estimates for shipments of \$100 or less.

Source: U.S. Dept. of Commerce, International Trade Administration, *Overseas Business Reports, U.S. Foreign Trade*, annual. Also in U.S. Bureau of the Census, *Highlights of U.S. Export and Import Trade*, Report FT 990, monthly.

General Imports

881

NO. 1545. GENERAL IMPORTS, BY SELECTED COMMODITY GROUPS (F.A.S. TRANSACTION VALUE BASIS): 1965 TO 1979

[In millions of dollars. Prior to 1974, imports are on the customs value basis. Totals and subtotals include commodities not shown separately. "F.a.s." means free alongside ship. "N.e.c." means not elsewhere classified. See also *Historical Statistics, Colonial Times to 1970*, series U 295-316]

COMMODITY	1965	1970	1973	1974	1975	1976	1977	1978	1979
General imports	21,427	39,952	69,832	100,468	96,573	121,009	147,685	171,978	206,326
<i>C.i.f. values</i>	(NA)	42,429	76,199	107,996	103,389	129,565	157,560	183,093	218,927
Food and live animals	3,460	5,375	8,014	9,386	8,503	10,267	12,558	13,522	15,171
Cattle, except for breeding	98	111	193	108	77	159	186	250	249
Meat and preparations	426	1,014	1,671	1,353	1,141	1,447	1,276	1,856	2,539
Meat, fresh or frozen	231	617	1,124	808	640	840	743	1,242	1,896
Ham, shoulders, and bacon ²	132	241	389	350	397	434	386	445	395
Fish	469	794	1,392	1,500	1,356	1,855	2,056	2,212	2,639
Fruits and nuts	339	447	578	627	638	760	957	1,126	1,324
Bananas	162	180	193	197	220	277	305	350	383
Vegetables	139	289	410	380	355	426	593	711	737
Sugar	443	725	925	2,247	1,865	1,154	1,076	723	974
Coffee, green	1,058	1,160	1,570	1,505	1,561	2,632	3,910	3,728	3,820
Cocoa or cacao beans	120	201	212	317	321	358	482	667	555
Tea	57	53	70	80	88	96	176	115	126
Beverages and tobacco	553	855	1,221	1,322	1,419	1,624	1,669	2,221	2,566
Alcoholic beverages	426	725	1,000	1,029	1,033	1,174	1,287	1,744	2,013
Tobacco, unmanufactured	121	111	191	254	343	392	322	396	436
Crude materials, inedible, except fuels	3,102	3,307	5,014	6,066	5,566	7,014	8,486	9,294	10,650
Hides and skins, except fur skins	80	51	85	78	78	89	97	106	139
Fur skins, undressed	113	59	78	79	79	101	122	142	183
Rubber, including latex	182	231	340	507	353	513	642	840	1,058
Lumber, softwood	318	439	1,372	1,007	797	1,355	1,972	2,595	2,727
Lumber, hardwood	57	61	122	134	69	97	124	141	183
Woodpulp	399	480	657	1,126	1,032	1,237	1,213	1,126	1,506
Textile fibers and wastes	435	202	237	225	174	249	222	248	231
Wool and other animal hair	282	116	123	74	73	123	117	147	134
Industrial diamonds	56	39	62	48	42	46	62	69	116
Asbestos, unmanufactured	70	75	99	131	117	149	152	162	144
Ores and metal scrap	971	1,149	1,304	1,855	1,978	2,251	2,742	2,813	3,247
Iron ore and concentrates	444	480	534	700	884	982	951	845	923
Silver ore and base bullion	56	49	102	164	98	75	84	106	166
Nonferrous base metals ³	421	522	518	696	783	895	1,382	1,558	1,672
Bauxite, crude	143	165	159	183	267	330	426	415	410
Mineral fuels and related materials	2,221	3,075	8,174	25,454	26,476	33,996	44,537	42,096	60,061
Petroleum and products	2,092	2,764	7,614	24,293	24,814	31,794	41,756	39,104	56,046
Petroleum, crude and partly refined	1,215	1,448	4,593	16,546	19,293	26,384	33,910	32,134	46,100
Petroleum products	877	1,316	3,021	7,748	5,521	5,411	7,845	6,970	9,946
Natural gas	105	258	346	505	1,081	1,619	1,941	2,000	2,765
Animal and vegetable oils and fats	116	160	259	544	554	464	531	511	740
Chemicals	768	1,450	2,463	4,018	3,696	4,772	4,970	6,430	7,485
Organic chemicals	160	355	639	1,363	1,027	1,193	1,438	1,735	2,159
Inorganic chemicals ⁴	158	371	529	740	835	937	1,171	1,827	2,059
Medicinal and pharmaceutical products	58	87	167	211	235	269	313	450	441
Fertilizers, manufactured	112	192	280	631	626	683	829	669	976
Machinery and transport equipment	2,948	11,172	21,076	24,060	23,457	29,824	36,407	47,590	53,678
Machinery	1,800	5,375	10,150	11,809	11,970	15,446	18,837	24,752	28,530
Engines and parts	195	762	1,478	1,501	1,615	1,934	2,137	2,886	3,004
Agricultural machinery	156	173	313	394	474	496	499	489	698
Tractors and parts	93	175	359	498	571	554	630	848	1,197
Office machines	136	505	915	1,007	1,052	1,341	1,568	2,254	2,500
Metalworking machinery	63	164	189	300	361	362	435	947	1,123
Textile and leather machinery	157	361	630	606	518	636	639	877	830
Power machinery and switchgear	67	247	461	567	550	758	970	1,291	1,708
Telecommunications apparatus	314	1,102	2,070	2,281	2,077	3,655	4,954	6,150	6,175
Electron tubes, transistors, semiconductor devices, and parts	63	224	704	1,033	899	1,223	1,490	1,942	2,719
Transport equipment	1,148	5,798	10,926	12,251	11,487	14,378	17,571	22,538	25,148
Automobiles and parts	810	5,069	9,252	10,264	9,921	13,104	15,844	20,631	22,053
Automobiles, new	658	3,722	6,517	7,298	7,124	8,928	10,633	13,646	14,813
Motorcycles	134	307	571	914	707	485	841	892	908
Aircraft and parts	140	274	563	508	519	434	603	602	1,078
Other manufactured goods	7,528	13,285	21,462	27,145	23,927	30,179	35,176	46,296	51,071
Leather manufactures and dressed furs	87	118	191	188	132	247	236	353	426
Rubber tires and tubes	45	205	546	491	475	738	851	923	1,136
Wood manufactures (excl. furniture)	270	409	771	685	573	827	1,032	1,240	1,391
Paper and manufactures	870	1,087	1,458	1,852	1,673	2,103	2,402	2,923	3,356
Newspprint	790	930	1,186	1,503	1,427	1,742	1,879	2,101	2,322
Construction materials ⁵	71	106	230	245	186	203	292	472	638
Glass, glassware, and pottery	168	338	522	535	531	653	785	1,047	1,097
Diamonds, excluding industrial	308	433	627	775	730	1,018	1,452	1,973	1,862

See footnotes at end of table.

NO. 1545. GENERAL IMPORTS, BY SELECTED COMMODITY GROUPS (F.A.S. TRANSACTION VALUE BASIS): 1965 TO 1979—Continued

[In millions of dollars. See headnote, p. 881]

COMMODITY	1965	1970	1973	1974	1975	1976	1977	1978	1979
Other manufactured goods—Con.									
Metals and manufactures.....	2,874	4,508	6,913	11,111	8,944	9,898	12,278	15,714	17,457
Pig iron and ferroalloys.....	94	78	242	394	558	538	528	573	702
Iron and steelmill products.....	1,140	1,952	2,775	4,756	4,037	3,809	5,302	6,681	6,764
Bars, rods, shapes, and pilings.....	377	486	764	1,507	930	848	1,126	1,365	1,524
Plates and sheets.....	475	906	1,330	2,059	1,680	1,795	2,708	3,329	3,071
Steel wire.....	79	119	165	299	225	211	283	341	320
Tubes, pipes, and fittings.....	144	349	396	736	1,008	792	971	1,376	1,543
Nonferrous base metals.....	1,198	1,502	2,002	3,038	2,063	2,941	3,380	4,367	4,678
Copper.....	425	532	678	1,189	419	777	855	1,069	984
Nickel.....	189	317	376	483	456	524	532	676	635
Aluminum.....	264	238	287	386	415	554	766	1,115	1,029
Lead.....	61	74	53	60	49	64	165	173	398
Tin.....	167	190	199	295	315	329	458	598	720
Silver, refined bullion.....	7	53	216	431	274	289	313	325	842
Platinum group metals.....	69	98	246	453	244	271	252	430	800
Metal manufactures, n.e.c.....	367	825	1,431	2,039	1,769	2,051	2,503	3,333	3,671
Textiles, other than clothing.....	800	1,135	1,580	1,615	1,219	1,635	1,736	2,200	2,216
Textile yarn and thread.....	66	223	262	190	128	192	225	246	167
Cotton fabrics, woven.....	134	173	310	356	219	390	345	427	380
Textile fabrics, woven, exc. cotton ⁵	423	499	608	528	433	521	569	719	775
Twine and cordage.....	48	35	62	185	123	82	76	78	112
Floor coverings.....	45	53	103	98	88	120	145	200	264
Clothing.....	541	1,269	2,168	2,331	2,562	3,634	4,100	5,657	5,876
Footwear.....	160	629	1,082	1,134	1,275	1,886	1,806	2,585	2,859
Professional, scientific, photographic, and controlling instruments ⁶	178	356	674	750	726	969	1,292	981	1,159
Clocks and watches.....	100	184	335	389	426	627	722	947	946
Musical instruments, sound recorders and reproducers, and parts ⁷	157	505	946	943	781	1,216	285	423	469
Printed matter.....	77	160	230	270	284	322	340	479	529
Articles of plastic and rubber, n.e.c.....	71	236	352	425	429	602	608	744	871
Toys, games, and sporting goods.....	155	427	657	724	633	903	1,156	1,374	1,591
Artworks and antiques.....	141	162	352	948	677	580	720	1,312	1,487
Other transactions.....	730	1,274	1,794	2,256	2,518	2,538	3,336	4,018	4,905

NA Not available. ¹ Value on a cost, insurance, and freight basis: cost (to the U.S. importer) of commodities at port of exportation plus insurance and freight to U.S. customs port of entry. 1970 and 1973 are estimated. ² Canned, cooked, and boned. ³ Prior to 1977, alumina is included under chemicals; thereafter, classified in crude materials. ⁴ Materials of lime, cement, and clay. ⁵ Excludes narrow or special fabrics. ⁶ Beginning 1977, electric measuring and controlling instruments are included in "Other manufactured goods" under "Professional, scientific, photographic, and controlling instruments"; prior to 1977, classified under "Machinery." ⁷ Beginning 1977, sound recorders included in "Machinery."

Source: U.S. Dept. of Commerce, International Trade Administration, *Overseas Business Reports*, *U.S. Foreign Trade*, annual. Also in U.S. Bureau of the Census, *Highlights of U.S. Export and Import Trade*, Report FT 990, monthly.

NO. 1546. IMPORTS—COFFEE, TEA, AND COCOA AND CHOCOLATE: 1960 TO 1979

[All coffee on green coffee basis; exports and reexports include roasted and soluble coffee. See also *Historical Statistics, Colonial Times to 1970*, series P 227 and U 296-299]

ITEM	Unit	1960	1965	1970	1972	1973	1974	1975	1976	1977	1978	1979
Coffee imports.....	Mil. lb.....	2,943	2,844	2,609	2,746	2,891	2,546	2,684	2,617	1,959	2,399	2,566
Value.....	Mil. dol.....	1,003	1,058	1,160	1,182	1,570	1,504	1,562	2,633	3,861	3,728	3,819
Net per capita ¹	Lb.....	15.92	14.95	13.72	13.87	13.67	12.84	12.37	12.30	9.5	11.0	11.6
Avg. price.....	Cents per lb.....	34.4	37.6	44.4	43.0	54.4	59.1	58.2	100.6	197.1	155.4	148.8
Tea, net imports.....	Mil. lb.....	114	130	137	151	175	178	159	181	203	152	175
Value.....	Mil. dol.....	55	57	53	63	70	79	88	95	175	114	125
Cocoa and chocolate:²												
Imports.....	Mil. lb.....	677	934	847	889	799	728	743	816	678	588	501
Value.....	Mil. dol.....	172	146	265	222	295	446	447	572	941	867	774

¹ Source: U.S. Dept. of Commerce, Bureau of Industrial Economics. Based on total population including Armed Forces abroad as estimated by Bureau of the Census. ² Includes prepared, except confectionery.

Source: Except as noted, U.S. Bureau of the Census, *Foreign Commerce and Navigation of the United States, Quarterly Summary of Foreign Commerce of the United States; U.S. Imports for Consumption and General Imports*, Report FT 246; and unpublished data.

**NO. 1547. EXPORTS AND IMPORTS OF MERCHANDISE FOR CONSUMPTION, BY CUSTOMS REGIONS:
1965 TO 1979**

[In millions of dollars. Exports include reexports; imports are on customs value basis. See *Historical Statistics, Colonial Times to 1970*, series U 264-273, for related data]

CUSTOMS REGIONS	1965	1970	1971	1972	1973	1974	1975	1976	1977	1978	1979
Exports, total ¹	27,346	43,226	44,137	49,676	71,339	98,507	107,592	114,992	121,212	143,663	181,802
Boston.....	156	3,297	3,964	4,478	5,713	7,713	7,809	8,667	9,613	10,275	12,361
New York.....	7,158	10,037	8,871	9,839	12,738	17,476	18,733	19,372	19,920	23,612	32,805
Baltimore.....	692	3,912	3,836	4,397	6,310	10,347	12,525	13,074	12,335	14,425	18,027
Miami.....	612	1,983	2,005	2,658	3,518	5,442	6,232	7,298	8,692	10,338	13,586
New Orleans.....	2,243	3,946	3,783	4,560	7,452	10,725	11,314	12,202	12,787	14,836	17,949
Houston.....	1,857	4,028	4,209	4,634	7,932	11,278	12,877	12,455	12,180	15,365	21,295
Los Angeles.....	781	2,508	2,206	2,408	4,059	5,878	6,446	7,136	7,274	9,211	13,029
San Francisco.....	1,115	4,936	5,114	5,622	8,782	11,666	11,465	13,088	13,375	17,115	23,518
Chicago.....	470	6,241	7,637	8,665	11,480	13,484	15,328	17,130	18,817	21,623	23,522
Imports, total ¹	21,366	39,963	45,602	55,555	69,024	100,140	96,516	121,121	147,939	172,912	205,923
Boston.....	684	5,678	6,529	7,491	8,997	11,037	9,946	12,376	14,681	17,870	19,958
New York.....	6,619	10,050	10,362	12,568	15,557	20,417	18,053	21,995	26,104	33,184	38,034
Baltimore.....	773	3,936	4,542	5,640	7,257	12,719	11,888	13,232	15,378	18,424	22,357
Miami.....	453	2,412	2,940	4,051	4,811	7,118	6,444	7,920	9,226	11,156	12,939
New Orleans.....	821	1,630	1,894	2,145	2,873	5,724	6,790	9,307	13,147	14,139	19,268
Houston.....	591	1,754	2,206	2,666	3,825	7,873	8,789	12,604	17,410	20,681	28,266
Los Angeles.....	1,192	3,268	3,652	4,916	6,531	9,049	8,569	11,078	13,611	16,288	18,847
San Francisco.....	704	3,569	4,052	5,074	6,394	10,497	10,599	13,333	15,983	17,842	21,051
Chicago.....	597	7,341	9,026	10,621	12,407	15,327	15,061	18,921	21,360	23,273	26,066

¹ Includes data on low-value shipments for exports and shipments valued under \$251 for imports, not distributed by customs region.

Source: U.S. Bureau of the Census, *Highlights of U.S. Export and Import Trade*, FT 990, monthly.

NO. 1548. IMPORTS FOR CONSUMPTION—VALUES AND DUTIES: 1946 TO 1979

[Imports are on customs value basis. Beginning 1965, includes uranium, thorium, and related products; beginning 1970, includes silver ores and bullion. For basis of dollar values and for area coverage, see text, p. 859. See also *Historical Statistics, Colonial Times to 1970*, series U 207-212]

YEARLY AVERAGE OR YEAR	VALUES				Duties calculated ¹ (mil. dol.)	RATIO OF DUTIES TO VALUES		Duties per capita ² (dollar)
	Total (mil. dol.)	Free (mil. dol.)	Dutiable (mil. dol.)	Percent free		Total imports (per cent)	Dutiable imports (per cent)	
1946-1950 avg.....	6,584	3,843	2,741	58	439	7	16	2.94
1951-1955 avg.....	10,784	5,975	4,809	55	582	5	12	3.58
1956-1960 avg.....	13,570	5,843	7,727	43	882	7	11	4.98
1961-1965 avg.....	17,557	6,571	10,986	37	1,300	7	12	6.78
1966-1970 avg.....	32,141	11,755	20,386	37	2,282	7	11	11.23
1971-1975 avg.....	73,297	29,108	44,189	39	3,412	5	8	16.20
1976-1979 avg.....	³ 161,758	58,982	102,786	35	6,131	4	6	28.12
1950.....	8,743	4,767	3,976	55	522	6	13	3.38
1955.....	11,337	6,037	5,300	53	633	6	12	3.76
1960.....	14,650	5,780	8,870	39	1,084	7	12	5.92
1965.....	21,283	7,434	13,849	35	1,643	8	12	8.35
1970.....	39,756	13,870	25,886	35	2,584	6	10	12.48
1971.....	45,516	15,286	30,230	34	2,767	6	9	13.36
1972.....	55,290	18,915	36,375	34	3,124	6	9	14.96
1973.....	69,024	28,258	40,766	41	3,620	5	8	17.20
1974.....	100,140	52,052	48,088	52	3,771	4	8	17.80
1975.....	96,516	31,030	65,486	32	3,780	4	6	17.70
1976.....	121,121	37,190	83,931	31	4,675	4	6	21.73
1977.....	³ 147,075	43,633	103,442	30	5,485	4	5	25.30
1978.....	³ 172,912	51,827	121,125	30	7,162	4	6	32.78
1979.....	205,923	103,278	102,645	50	7,202	3	7	32.65

¹ 1947-1959 data from U.S. Bureau of Customs. Customs duties (including import excise taxes) calculated on the basis of reports of quantity and value of imports of merchandise entered directly for consumption or withdrawn from bonded customs warehouses.

² Based on estimated population including Armed Forces abroad as of July 1, except 1970 as of April 1.

³ Total incorporates revised figures not carried to free and dutiable values for 1977 and 1978.

Source: U.S. Bureau of the Census, *Foreign Commerce and Navigation of the United States, Quarterly Summary of Foreign Commerce of the United States; Highlights of U.S. Export and Import Trade*, FT 990, monthly; and unpublished data.

**NO. 1549. DUTIABLE IMPORTS FOR CONSUMPTION, AND PERCENT FREE OF TOTAL IMPORTS,
FROM SELECTED AREAS AND COUNTRIES—VALUE: 1970 TO 1979**

[Includes imports of silver ore and bullion. For total value of general imports, see table 1536]

AREA AND COUNTRY OF ORIGIN	VALUE OF DUTIABLE IMPORTS (mil. dol.)					PERCENT OF TOTAL IMPORTS FREE FROM DUTY				
	1970	1975	1977	1978	1979	1970	1975	1977	1978	1979
Total imports ¹	25,890	65,486	103,442	121,125	102,645	35	32	30	30	50
Developed countries ²	19,503	35,826	50,141	65,372	69,805	33	36	36	35	37
Developing countries ²	6,202	29,049	52,448	54,560	31,619	40	26	22	23	66
Communist areas in Europe and Asia	162	600	842	1,186	1,214	25	31	24	35	50
Western Hemisphere ³	6,659	17,190	20,630	22,890	18,537	61	55	59	60	73
Canada	3,513	6,747	7,396	8,369	8,952	68	69	75	75	76
20 Latin American Republics ³	2,567	7,492	9,356	10,955	8,526	45	37	42	41	65
Central American Common Market ⁴	129	373	391	470	630	68	55	74	68	67
Latin American Free Trade Assn. ³	2,281	6,413	8,557	10,089	7,419	43	36	38	38	66
Argentina	136	170	234	305	341	21	19	39	46	41
Brazil	206	620	578	864	1,183	69	57	74	69	62
Chile	9	52	128	202	180	94	62	44	47	53
Colombia	67	214	174	218	168	75	64	79	79	86
Mexico	899	2,197	3,163	4,483	4,058	25	27	32	26	54
Peru	109	161	179	305	229	68	58	63	53	80
Venezuela	813	2,667	3,720	3,321	1,070	25	28	8	8	79
Dominican Republic	123	511	251	226	289	34	19	63	58	56
Jamaica	26	56	23	22	30	86	82	93	94	92
Trinidad and Tobago	153	987	1,604	1,350	297	34	17	3	5	81
Netherlands Antilles	305	1,110	1,204	1,174	392	26	30	7	7	78
Europe	9,835	17,686	24,000	32,204	33,984	13	18	16	16	23
Western Europe	9,673	17,178	23,303	31,255	33,153	13	17	16	15	21
OECD countries ⁵	9,581	16,954	23,107	31,027	32,957	13	17	15	15	21
European Economic Community	7,965	13,715	18,873	25,081	27,010	13	18	15	14	20
Belgium and Luxembourg	601	956	1,216	1,508	1,423	14	20	16	15	18
Denmark ⁶	266	391	473	569	598	6	15	19	19	16
France	786	1,722	2,532	3,450	4,019	15	19	17	16	16
Ireland ⁶	106	148	197	289	272	21	17	17	11	17
Italy	1,235	2,208	2,824	3,846	4,376	6	9	8	8	13
Netherlands	433	781	1,130	1,180	1,168	17	28	24	27	37
Germany, Fed. Rep. of	2,936	4,770	6,721	9,205	10,159	6	11	9	9	9
United Kingdom ⁶	1,601	2,738	3,781	5,035	4,994	27	27	26	22	38
Other OECD countries ⁵	1,616	3,239	4,234	5,946	5,947	15	16	16	16	26
Austria	117	193	273	373	362	2	21	5	9	5
Spain	324	753	868	1,155	1,171	8	10	10	8	11
Sweden	375	815	920	1,213	1,514	6	8	8	10	9
Switzerland	399	743	951	1,440	1,552	12	14	13	20	25
Other Western Europe	93	224	195	229	196	3	11	44	46	52
Yugoslavia	91	221	190	220	187	2	11	44	46	52
Communist areas in Europe ⁷	162	508	697	949	831	25	28	23	37	55
Asia	8,517	23,825	43,730	51,513	43,850	11	12	12	12	34
Japan	5,646	10,848	18,239	23,972	25,324	4	5	3	3	4
Near East Asia ³	270	4,458	12,364	11,334	3,178	22	17	3	4	79
Iran	41	1,146	2,711	2,766	312	39	18	3	4	89
Israel	128	257	366	434	369	14	17	36	39	51
Saudi Arabia	14	2,159	6,285	5,276	1,792	30	18	8	5	78
South Asia ³	274	358	427	649	687	33	49	56	47	50
India	202	309	363	566	535	32	43	53	42	49
Pakistan	67	38	41	60	92	16	24	28	28	22
Asia, not elsewhere classified ³	2,326	8,070	12,555	15,320	14,278	22	15	25	25	39
China: Taiwan	535	1,888	2,695	3,623	4,007	2	3	27	30	31
Indonesia	57	1,705	2,773	2,865	613	69	23	20	20	83
Malaysia	19	271	684	835	869	93	65	48	45	58
Philippines	379	683	889	1,004	1,192	23	8	16	15	18
Thailand	11	125	133	220	233	89	43	61	49	61
Communist areas in Asia ⁸	1	91	145	238	383	14	42	28	26	31
Oceania ³	601	884	880	1,307	1,869	30	40	48	44	38
Australia	433	694	647	923	1,322	28	38	45	44	38
New Zealand and Western Samoa	158	170	228	374	520	29	30	36	29	27
Africa ³	255	5,890	14,192	13,204	4,397	77	29	16	23	82
Congo	8	15	31	71	24	82	21	3	12	68
Ghana	4	69	124	115	141	91	51	42	46	38
Nigeria	42	2,785	6,016	4,601	1,590	42	15	12	2	80
South Africa	78	191	329	477	535	73	77	73	79	80
Egypt	22	23	159	82	71	6	15	6	16	81

¹ Includes unidentified countries.

² See footnote 5, table 1541.

³ Includes countries not shown separately.

⁴ Guatemala, El Salvador, Honduras, Nicaragua, and Costa Rica.

⁵ Organization for Economic Cooperation and Development.

⁶ As of Jan. 1, 1973, United Kingdom, Denmark and Ireland became members of EEC. For consistency, data for all years are shown on same basis.

⁷ German Dem. Rep., Czechoslovakia, Hungary, Poland, Soviet Union, Albania, Romania, and Bulgaria.

⁸ Vietnam, China (Mainland), Outer Mongolia, and Dem. People's Rep. of Korea.

Source: U.S. Bureau of the Census, *Highlights of U.S. Export and Import Trade*, FT 990, monthly.



Section 32

Outlying Areas Under Jurisdiction of the United States

This section presents summary economic and social statistics for the Commonwealth of Puerto Rico, the principal possessions of the United States (Virgin Islands, Guam, and American Samoa), the Canal Zone (see below), and, wherever possible, the Trust Territory of the Pacific Islands.

*Primary sources are the decennial censuses of population and housing, and the censuses of agriculture, business, and manufactures (taken every five years) conducted by the Bureau of the Census; the annual *Vital Statistics of the United States*, issued by the National Center for Health Statistics; and the annual *Ingreso y Producto* of the Puerto Rico Planning Board, San Juan.*

Jurisdiction.—The United States gained jurisdiction over these areas as follows:

The islands of *Puerto Rico* and *Guam*, surrendered by Spain to the United States in October 1898, were ceded to the United States by the Treaty of Paris, ratified in 1899. Puerto Rico became a commonwealth on July 25, 1952, thereby achieving a high degree of local autonomy under its own constitution. The *Virgin Islands*, comprising 50 islands and cays, were purchased by the United States from Denmark in 1917. *American Samoa*, a group of 7 islands, was acquired by the United States in accordance with a convention among the United States, Great Britain, and Germany, ratified in February 1900.

The use, occupation, and control of the *Canal Zone* granted in 1904 to the United States under the terms of a treaty with the Republic of Panama, was terminated in October 1979. Until 1999, however, the Panama Canal Commission, a U.S. Government agency, will provide for the management, operation, and maintenance of the Panama Canal. The *Trust Territory of the Pacific Islands* comprises 2,141 atolls and islands, about 96 of which are inhabited. By an agreement approved by the Security Council and the United States in 1947, this territory, formerly under Japanese mandate, has been administered by the United States since July 1947 under the United Nations trusteeship system.

For a brief summary of U.S. territorial development, see tables 7 and 353.

Censuses.—Because characteristics of the outlying areas differ, the presentation of census data for them is not uniform. The 1960 Census of Population covered all of the places listed above except the Trust Territory of the Pacific Islands (the census of which was conducted in April 1958 by the Office of the High Commissioner), whereas the 1960 Census of Housing also excluded the Canal Zone and American Samoa. The 1970 Census of Population and Housing covered all six areas. The 1959 and 1969 censuses of agriculture covered Puerto Rico, American Samoa, Guam, and the Virgin Islands; the 1964 and 1974 censuses covered the same areas except American Samoa; and the 1978 census covered the same areas including American Samoa and the Northern Mariana Islands. Beginning in 1967, Congress authorized the *economic censuses, covering business, manufactures, and, for Guam and the Virgin Islands, mineral industries*, to be taken at 5-year intervals, for years ending in 2 and 7. Prior economic censuses were conducted in Puerto Rico for 1954, 1958, and 1963, and in Guam and the Virgin Islands for 1958 and 1963. In 1972, the census of construction industries was added for the first time for these three areas.

Information in other sections.—In addition to the statistics presented in this section, other data are included as integral parts of many tables showing distribution by States in various sections of the *Abstract*. See "Outlying areas of United States" in the index. For definition and explanation of terms used, see section 1, Population; section 5, Education; section 24, Agriculture; section 28, Construction and Housing; section 29, Manufactures; and section 30, Domestic Trade and Services.

NO. 1550. ESTIMATED RESIDENT POPULATION, BY AREA: 1950 TO 1978

[In thousands. As of July 1. Includes estimates of Armed Forces stationed in area]

AREA	1950	1955	1960	1965	1970	1973	1974	1975	1976	1977	1978
Puerto Rico.....	2,218	2,250	2,362	2,594	2,718	2,945	3,030	3,123	3,217	3,321	3,358
American Samoa.....	19	20	20	25	27	29	29	30	30	31	31
Canal Zone.....	53	55	42	(NA)	44	41	41	41	40	(1)	(1)
Guam.....	60	69	66	74	87	109	105	107	108	111	114
Virgin Islands.....	27	28	32	43	64	84	90	94	96	93	96
Trust Territory of the Pacific Islands ²	57	66	77	86	101	114	117	120	123	125	128
No. Mariana Islands ²	(NA)	(NA)	(NA)	(NA)	12	14	15	15	16	16	17

NA Not available. ¹ U.S. jurisdiction over Canal Zone terminated in October 1979. Data not available. ² Data consistent with apportionment census of September 1973 which showed a total population of 14,333 for the Marianas and 114,982 for the Trust Territory. (Excludes 4,462 for Kwajalein Missile Range Facility and 269 with residence not specified.) The Federal census of 1970 showed a population of 90,940, with 3,860 for Kwajalein Island and 9,640 for the Marianas.

Source: U.S. Bureau of the Census, *Current Population Reports*, series P-25, Nos. 80, 336, and 872.

NO. 1551. ESTIMATES OF COMPONENTS OF POPULATION CHANGE, BY AREA: 1960 TO 1970 AND 1970 TO 1978

[In thousands, except percent. Resident population, including Armed Forces stationed in area. See table 7 for population totals. Minus sign (—) denotes decrease. For explanation of methodology, see source]

AREA	APRIL 1, 1960, TO APRIL 1, 1970					APRIL 1, 1970, TO JULY 1, 1978				
	Net increase		Births	Deaths	Net migration	Net change		Births	Deaths	Net migration
	Number	Per cent				Number	Per cent			
Puerto Rico.....	362.0	15.4	734.0	172.0	-200.0	646.0	23.8	607.0	157.0	196.0
American Samoa.....	7.1	35.4	10.1	1.3	-1.7	4.0	14.6	8.8	1.2	-3.6
Canal Zone.....	2.1	4.9	7.0	1.4	-3.6	(1)	(1)	(1)	(1)	(1)
Guam.....	18.0	26.8	25.6	3.4	-4.2	28.8	33.9	25.5	3.4	6.7
Virgin Islands.....	30.4	94.6	18.6	3.9	15.7	33.5	53.6	22.3	4.1	15.2
Trust Territory of the Pacific Islands ²	³ 20.3	28.6	30.9	4.8	-5.7	27.3	27.1	32.5	4.8	(4)
No. Mariana Islands ²	(NA)	(NA)	(NA)	(NA)	(NA)	4.5	36.9	4.4	.7	(4)

NA Not available. ¹ U.S. jurisdiction over Canal Zone terminated in October 1979. Data not available. ² See footnote 2, table 1550. ³ Census taken in 1958, not 1960. ⁴ Because part of the residual migration reflects underregistration of vital statistics, migration figures are not shown.

Source: U.S. Bureau of the Census, *Current Population Reports*, series P-25, Nos. 80, 336, and 872.

NO. 1552. POPULATION, BY AGE AND AREAS, 1960 AND 1970, AND BY SEX, 1970

[In thousands, except median age. As of April 1. For population totals, see table 7. For definition of median, see Guide to Tabular Presentation]

AREA, YEAR, AND SEX	Under 5 yr.	5-13 yr.	14-17 yr.	18-20 yr.	21-24 yr.	25-34 yr.	35-44 yr.	45-54 yr.	55-64 yr.	65 yr. and over	18 yr. and over	Median age (years)
Puerto Rico: 1960.....	354.4	588.7	220.8	123.6	134.1	262.9	238.0	180.8	123.9	122.2	1,185.6	18.5
1970, total.....	318.1	605.5	251.0	158.7	182.8	339.3	274.0	227.5	178.0	177.1	1,537.4	21.6
Male.....	161.3	307.0	126.0	75.1	84.6	158.2	129.7	112.5	89.8	85.7	735.7	20.9
Female.....	156.8	298.5	125.0	83.6	98.2	181.1	144.3	115.0	88.2	91.4	801.7	22.2
American Samoa:												
1960.....	3.7	5.7	2.1	1.0	1.1	2.3	1.8	1.2	.7	.5	8.6	15.2
1970, total.....	4.7	7.5	2.6	1.6	1.6	3.2	2.4	1.8	1.0	.7	12.3	16.1
Male.....	2.4	3.8	1.4	.8	.8	1.6	1.2	.9	.5	.3	6.2	16.1
Female.....	2.3	3.7	1.3	.8	.9	1.6	1.2	.9	.5	.4	6.1	16.1
Guam: 1960.....	10.8	15.2	3.8	4.3	5.0	12.2	8.6	4.4	1.9	1.1	37.4	20.8
1970, total.....	11.6	20.1	6.8	5.4	8.0	12.6	10.3	5.8	2.8	1.5	46.4	20.4
Male.....	6.0	10.4	3.4	3.2	5.1	7.1	6.3	3.5	1.6	.7	27.5	21.6
Female.....	5.7	9.7	3.4	2.2	2.9	5.5	4.0	2.3	1.2	.8	18.9	18.2
Virgin Islands: 1960.....	4.9	7.1	2.7	1.4	1.7	3.9	3.5	2.8	1.9	2.2	17.3	20.7
1970, total.....	8.3	12.8	4.4	3.2	4.9	11.4	7.1	5.0	3.0	2.4	37.0	23.0
Male.....	4.2	6.4	2.2	1.6	2.4	5.8	3.6	2.6	1.5	1.0	18.4	23.1
Female.....	4.1	6.4	2.3	1.6	2.5	5.6	3.5	2.4	1.5	1.4	18.5	23.0
Trust Territory of the Pacific Islands:												
1970, total.....	15.6	23.6	9.0	5.3	5.3	9.3	8.4	6.8	4.3	3.3	42.7	16.9
Male.....	7.8	12.0	4.5	2.7	2.7	4.8	4.4	3.6	2.4	1.7	22.2	17.2
Female.....	7.8	11.6	4.5	2.6	2.5	4.5	4.0	3.3	2.0	1.6	20.6	16.6

Source: U.S. Bureau of the Census, *Census of Population: 1960*, vol. I; and 1970, vol. I, *Characteristics of the Population*, parts 53-58.

NO. 1553. LAND AREA AND POPULATION CHARACTERISTICS, BY AREA: 1970

[As of April 1. See also table 353 for gross area (land and water). For definition of median, see Guide to Tabular Presentation]

ITEM	Puerto Rico	American Samoa	Canal Zone	Guam	Virgin Islands	Trust Territory of the Pacific Islands
Land area (sq. miles).....	3,421	76	362	209	132	717
Total resident population.....	2,712,033	27,159	44,198	84,996	62,468	90,940
Per square mile.....	793	357	122	407	473	127
Percent increase, 1960-1970.....	15.4	35.4	4.9	26.8	94.6	28.6
Urban.....	1,575,491	(x)	2,569	21,671	15,240	(x)
Rural.....	1,136,542	(x)	41,629	63,325	47,228	(x)
Male.....	1,329,958	13,682	24,254	47,362	31,157	46,482
Female.....	1,382,075	13,477	19,944	37,634	31,311	44,458
Males per 100 females.....	96.2	101.5	121.6	125.8	99.5	104.6
Median age (years).....	21.6	16.1	23.0	20.4	23.0	16.9
Male (years).....	20.9	16.1	23.1	21.6	23.1	17.2
Female (years).....	22.2	16.1	22.9	18.2	23.0	16.6
School years completed, persons 25 years old and over.....	1,196,692	9,022	19,855	32,976	28,996	32,155
No school years completed.....	172,653	631	205	1,006	456	10,969
Elementary: 1-8 years.....	569,597	4,397	4,069	10,288	13,362	14,796
High school:						
1-3 years.....	130,900	2,233	1,761	5,364	3,788	2,183
4 years or more.....	323,542	1,771	13,820	16,318	11,270	4,207
Median school years completed.....	6.9	8.4	12.5	11.9	9.5	4.1
Marital status, persons 14 years old and over.....	1,788,392	14,925	31,110	53,219	41,372	51,688
Single.....	591,765	5,855	10,847	17,152	14,752	17,705
Married ¹	1,037,901	8,216	18,974	33,611	23,780	30,077
Widowed or divorced.....	158,726	854	1,269	2,456	2,840	3,906
Households and families:						
Population in households.....	2,676,270	26,796	39,119	75,233	60,749	87,148
Number of households.....	632,348	3,858	10,054	15,569	17,761	15,214
Population per household.....	4.23	6.95	3.89	4.83	3.42	5.73
Families.....	563,448	3,666	8,803	14,315	13,135	12,980
Husband-wife families.....	443,907	2,870	8,297	12,012	9,750	10,167
Married couples ¹	(NA)	3,322	8,321	12,798	9,964	11,705

NA Not available. X Not applicable. ¹ Includes consensually married couples and separated couples.Source: U.S. Bureau of the Census, *Census of Population: 1970*, vol. I, *Characteristics of the Population*, parts 53-58.

NO. 1554. POPULATION, BY PLACE OF BIRTH, PERIOD OF IMMIGRATION OF FOREIGN-BORN, AND CITIZENSHIP STATUS—BY AREA: 1970

[As of April 1]

ITEM	American Samoa	Canal Zone	Guam	Virgin Islands	Trust Territory of the Pacific Islands
Total resident population.....	27,159	44,198	84,996	62,468	90,940
Native-born, total.....	21,286	33,813	71,512	41,140	89,891
Percent of total.....	78.4	76.5	84.1	65.9	98.8
Born in U.S.....	1,211	23,559	23,934	8,058	3,504
Born in a U.S. territory.....	20,067	9,076	47,472	29,068	86,385
Born in Puerto Rico.....	8	1,178	106	4,014	2
Foreign-born, total ¹	5,873	10,385	13,484	21,328	1,049
Percent of total.....	21.6	23.5	15.9	34.1	1.2
Europe.....	43	1,459	821	847	88
Asia.....	4,593	440	11,391	225	428
Americas, other than U.S.....	20	7,849	228	18,984	37
Other.....	1,021	97	120	94	79
By period of immigration:					
Before 1950.....	700	2,959	879	1,047	72
1950-1959.....	788	1,419	1,255	1,554	277
1960-1970.....	4,385	6,007	11,350	18,727	700
By citizenship status:					
Naturalized.....	149	1,338	3,491	2,165	412
Permanent alien.....	4,331	3,066	5,027	7,619	295
Temporary alien.....	1,336	3,944	4,045	11,309	243
Born abroad of American parents.....	57	2,037	921	235	99

¹ Includes foreign-born persons for whom country was not reported.Source: U.S. Bureau of the Census, *Census of Population: 1970*, vol. I, *Characteristics of the Population*, parts 54-58.

NO. 1555. VITAL STATISTICS—SPECIFIED AREAS: 1950 TO 1978

[Births, deaths, and infant deaths by place of residence; marriages and divorces by place of occurrence. Rates for 1950, 1960, and 1970 based on population enumerated as of April 1, for all other years, on population estimated as of July 1]

AREA AND YEAR	BIRTHS		DEATHS		INFANT DEATHS		MARRIAGES		DIVORCES ³	
	Num-ber	Rate ¹	Num-ber	Rate ¹	Num-ber	Rate ²	Num-ber	Rate ¹	Num-ber	Rate ¹
Puerto Rico:										
1950.....	86,038	38.9	21,895	9.9	5,807	67.5	20,532	9.3	3,591	1.6
1955.....	77,830	34.6	16,221	7.2	4,343	55.8	18,912	8.4	4,622	2.1
1960.....	76,314	32.5	15,791	6.7	3,307	43.3	* 20,212	* 8.6	5,218	2.2
1965.....	79,608	30.2	17,686	6.7	3,406	42.8	25,184	9.6	10,519	4.0
1970.....	67,628	24.8	18,080	6.7	1,930	28.6	29,905	11.0	9,888	3.6
1974.....	69,886	23.1	19,948	6.3	1,511	21.6	33,410	11.1	11,688	3.9
1975.....	69,702	22.5	17,805	5.8	1,335	19.2	32,731	10.6	12,985	4.2
1976.....	71,888	22.4	19,286	6.0	1,437	20.0	33,741	10.5	12,357	3.8
1977.....	75,191	22.6	19,778	6.0	1,514	20.1	34,541	10.4	12,085	3.6
1978.....	75,117	22.4	19,812	5.9	1,391	18.5	34,048	10.1	12,392	3.7
Guam:										
1965.....	2,523	32.8	336	4.4	82	32.5	471	6.2	53	.7
1970.....	2,842	28.8	355	5.8	62	21.6	874	9.9	84	1.0
1974.....	3,164	33.0	423	4.4	74	23.4	2,523	26.8	207	2.2
1975.....	3,156	32.0	427	4.3	65	20.6	1,861	19.8	196	2.1
1976.....	3,038	32.5	446	4.8	55	18.1	1,538	16.5	275	3.0
1977.....	2,989	27.0	361	3.3	45	15.1	(NA)	(NA)	(NA)	(NA)
1978.....	2,888	25.4	398	3.5	45	15.6	1,769	15.2	361	3.1
Virgin Islands:										
1950.....	894	33.5	374	14.0	51	57.0	138	5.2	271	10.2
1955.....	913	33.1	311	11.3	41	44.9	221	8.0	103	3.7
1960.....	1,180	36.8	332	10.3	42	35.6	359	11.1	135	4.2
1965.....	1,998	46.2	416	9.6	60	30.0	595	13.7	249	5.7
1970.....	2,898	46.8	469	7.9	72	24.6	1,149	18.4	270	4.3
1974.....	2,449	27.7	462	5.2	61	24.9	1,254	14.2	460	5.2
1975.....	2,372	24.9	477	5.0	62	26.1	1,064	11.2	353	3.7
1976.....	2,343	24.8	447	4.7	68	29.0	933	9.9	399	4.2
1977.....	2,373	25.5	380	4.1	55	23.2	919	9.9	442	4.7
1978.....	2,524	26.3	461	4.8	54	21.4	1,131	11.8	484	5.0

NA Not available. ¹ Per 1,000 population. ² Per 1,000 live births. ³ Includes reported annulments. ⁴ Data are incomplete.

Source: U.S. National Center for Health Statistics, *Vital Statistics of the United States*, annual; Statistical Office of the United Nations, New York, N.Y., *Demographic Yearbook*, 1969, 1974, and 1977 (copyright); and Department of Public Health and Social Services, Government of Guam, *Statistical Report—1978*.

NO. 1556. PUBLIC ELEMENTARY AND SECONDARY SCHOOLS, BY AREAS

ITEM	Puerto Rico	American Samoa	Guam	Virgin Islands	Commonwealth of the Northern Marianas
Enrollment, Fall 1978.....	721,419	9,291	26,570	25,138	4,513
Elementary (kindergarten-grade 8).....	534,421	7,022	16,943	19,163	3,353
Secondary (grades 9-12 and post graduates).....	186,998	2,269	11,625	5,975	1,160
High-school graduates, 1977-78.....	* 25,788	411	* 1,206	298	83
Average daily attendance, 1979.....	* 646,150	* 8,287	25,783	22,847	4,349
Percent of enrollment.....	* 93.8	* 89.2	* 92.1	90.9	96.4
Minimum days in session, 1978.....	188	(NA)	* 180	* 180	180
Average number of days attended per enrollee, 1974.....	(NA)	(NA)	148.5	168.2	(NA)
Professional staff, Fall 1978.....	31,445	608	* 1,469	1,869	305
Official/administrative.....	1,284	9	* 14	101	18
Professional/educational.....	* 30,161	526	* 1,335	1,638	273
Teachers.....	29,278	488	* 1,294	1,470	241
Professional/other.....	(⁶)	73	* 120	132	14
Average salary for classroom teachers, 1979 (dol.).....	* 8,100	* 5,100	12,684	12,331	5,403
Avg. salary for other professional educ. staff, 1979 (dol.).....	* 7,300	(NA)	12,995	15,586	7,518
Total estimated expenditures, 1979 (\$1,000).....	* 474,026	* 7,908	42,722	33,744	6,340
Current expenditures ⁷ (\$1,000).....	* 462,482	* 7,908	39,949	32,888	5,007
Per pupil ⁸ (dollars).....	* 694	* 954	1,549	1,439	1,151
Other current expenditures (\$1,000) ⁹	* 5,823	* 288	* 288	856	143
Capital outlay (\$1,000).....	* 5,721	-	2,773	* 15,800	1,190
Per pupil ⁸ (dollars).....	(NA)	-	108	* 664	33

- Represents zero. NA Not available. ¹ 1976 data. ² 1975-76 data. ³ 1977 data. ⁴ 1978 data. ⁵ Average length of term in days. 1974 data. ⁶ Professional/other included in Professional/educational. ⁷ Public elementary and secondary day schools. ⁸ Annual expenditures per pupil in average daily attendance. ⁹ Community services, summer schools, adult education, and community colleges.

Source: U.S. National Center for Education Statistics, *Statistics of Public Elementary and Secondary Day Schools, 1978-79*.

NO. 1557. SCHOOL ENROLLMENT AND EMPLOYMENT STATUS, 1970, AND PERCENT DISTRIBUTION OF FAMILY INCOME, 1969, BY AREA

ITEM	Puerto Rico	American Samoa	Canal Zone	Guam	Virgin Islands	Trust Territory of the Pacific Islands
SCHOOL ENROLLMENT, 1970						
Total enrolled, 3-34 years old.....	821,046	10,246	14,012	27,065	17,638	29,425
Elementary (grades 1-8), total ¹	589,670	8,079	9,757	19,886	13,799	24,713
Public.....	541,106	7,181	9,154	16,323	10,514	22,164
Private, total.....	48,564	898	603	3,563	3,285	2,549
Parochial.....	20,789	401	213	2,553	1,735	1,562
High school (4 years), total	168,047	2,089	3,242	5,741	3,258	4,276
Public.....	154,264	1,912	3,172	5,025	2,519	3,279
Private, total.....	13,783	177	70	716	739	997
Parochial.....	5,086	81	17	507	412	508
College, total	63,329	78	1,013	1,438	581	436
Public.....	44,500	72	498	1,346	360	390
EMPLOYMENT STATUS, 1970						
Total persons, 16 years old and over.....	1,654,712	13,597	29,184	49,548	39,034	46,970
In labor force.....	679,745	5,385	18,900	32,493	25,724	14,263
Percent of total.....	41.1	39.7	64.8	65.6	65.9	30.4
Armed Forces.....	7,330	10	8,569	9,997	32	128
Civilian labor force.....	672,415	5,385	10,331	22,496	25,692	14,135
Employed.....	634,961	5,094	9,776	22,112	24,501	13,377
Unemployed.....	37,454	291	555	384	1,191	758
Percent of civilian labor force.....	5.6	5.4	5.4	1.7	4.6	5.4
Not in labor force.....	974,967	8,192	10,284	17,055	13,310	32,707
FAMILY INCOME, 1969						
Families, 1970	564,751	3,666	8,803	14,315	13,135	12,980
Percent distribution, by income class.....	100.0	100.0	100.0	100.0	100.0	100.0
Less than \$1,000.....	21.4	23.7	1.3	4.5	6.4	53.5
\$1,000-\$1,999.....	13.8	13.0	.6	2.2	4.6	16.9
\$2,000-\$3,999.....	25.5	27.3	5.2	8.5	16.9	14.9
\$4,000-\$5,999.....	14.5	15.3	15.7	17.8	17.9	6.4
\$6,000-\$7,999.....	9.1	7.2	17.8	18.2	13.8	2.8
\$8,000-\$9,999.....	5.4	4.1	11.2	13.7	9.3	1.6
\$10,000-\$14,999.....	6.3	5.8	23.5	20.5	14.9	2.4
\$15,000-\$24,999.....	3.1	3.0	19.6	12.2	11.3	1.2
\$25,000 or more.....	.9	.7	5.1	2.6	4.9	.4
Median Income ² (dol.)	3,063	2,840	9,684	7,886	6,612	773

¹ Includes nursery and kindergarten. ² For definition of median, see Guide to Tabular Presentation.

Source: U.S. Bureau of the Census, *Census of Population: 1970*, vol. I, *Characteristics of the Population*, parts 53-58.

NO. 1558. PUERTO RICO—EMPLOYMENT STATUS, BY SEX: 1960 TO 1979

[In thousands of persons 14 years old and over except, beginning 1977, 16 years old and over. Annual averages of the civilian noninstitutional population]

EMPLOYMENT STATUS	1960, total	1965, total	1970, total	1975, total	1976, total	1977, total	1978			1979		
							Total	Male	Female	Total	Male	Female
Total	1,369	1,555	1,743	2,099	2,173	2,093	2,198	1,041	1,157	2,272	1,072	1,200
In the labor force.....	635	698	778	875	912	937	971	651	320	987	660	327
Employed.....	558	617	694	715	734	750	796	520	276	819	531	288
Working.....	525	585	658	667	678	693	748	492	256	789	503	286
35 hours or more ¹	406	470	570	487	446	521	581	394	187	591	395	196
Less than 35 hours ²	119	115	88	181	232	172	167	98	70	178	108	70
Not working.....	33	31	35	48	56	56	48	28	20	50	28	22
Unemployed.....	77	81	84	159	179	187	175	131	44	168	129	39
Percent.....	12.1	11.6	10.7	18.2	19.6	20.0	18.1	20.2	13.8	17.0	19.5	11.9
Not in labor force.....	734	856	965	1,224	1,261	1,156	1,227	390	837	1,285	412	873

¹ Prior to 1976, 30 hours or more. ² Prior to 1976, less than 30 hours.

Source: Puerto Rico Dept. of Labor, Bureau of Labor Statistics, San Juan, P.R., unpublished data.

No. 1559. PUERTO RICO—GROSS PRODUCT AND IMPORTS: 1960 TO 1979

(In millions of dollars. For years ending June 30)

ITEM	1960	1965	1970	1974	1975	1976	1977	1978	1979, prel.
Gross Commonwealth product	1,675	2,764	4,688	6,798	7,136	7,508	8,094	8,927	9,998
Average annual percent change ²	8.0	10.5	11.1	9.7	5.0	5.2	7.8	10.3	12.0
Sales of domestic production and imports.....	2,897	4,672	8,440	13,268	14,551	15,894	17,569	19,300	21,799
Goods and services to P.R. users.....	2,012	3,479	5,984	8,842	10,118	11,107	11,563	12,824	13,863
Consumers.....	1,397	2,251	3,747	5,590	6,390	7,361	8,167	9,043	9,901
Commonwealth and municipal govts.....	218	380	765	1,326	1,612	1,616	1,728	1,877	2,017
Construction.....	227	501	989	1,282	1,487	1,277	982	1,129	1,196
Producers durable equipment.....	128	219	413	396	426	489	532	601	681
Changes in inventories.....	42	128	50	148	203	365	154	175	68
Goods and services to rest of world.....	865	1,393	2,476	4,426	4,433	4,787	6,006	6,476	7,936
Less: Imports of goods and services.....	1,221	2,108	3,752	6,470	7,549	8,406	9,497	10,373	11,815

¹ Includes other investments by Puerto Rico Maritime Shipping Authority of \$133 million in 1975, \$21 million in 1976, \$22 million in 1977, \$4 million in 1978 and \$14 million in 1979, not included in breakdown. ² Change from previous year shown; for 1980, change from 1955. For explanation of average annual percent change, see *Guide to Tabular Presentation*.

Source: Puerto Rico Planning Board, San Juan, P.R., *Ingreso y Producto*, annual, and unpublished data.

No. 1560. PUERTO RICO—NET INCOME, BY INDUSTRIAL ORIGIN: 1960 TO 1979

(In millions of dollars. For years ending June 30)

INDUSTRY	1960	1965	1970	1973	1974	1975	1976	1977	1978	1979, prel.
All Industries	1,349	2,230	3,668	5,068	5,590	5,920	6,206	6,650	7,402	8,231
Agriculture.....	180	190	178	218	325	310	322	292	359	371
Manufacturing.....	289	553	958	1,543	1,869	1,941	2,383	2,813	3,268	3,805
Food and related products.....	67	125	161	209	244	274	303	315	418	413
Apparel and related products.....	51	89	172	200	216	205	245	266	317	332
Metal products and machinery.....	55	82	192	365	446	478	598	741	846	1,072
Other manufacturing.....	116	257	433	769	963	983	1,237	1,492	1,687	1,988
Mining.....	2	5	7	8	6	6	6	5	6	5
Contract construction.....	87	175	338	436	456	409	347	290	307	335
Transp. and other public utilities ¹	127	213	342	464	538	621	648	730	780	900
Trade.....	237	402	631	841	869	945	1,030	1,126	1,232	1,381
Finance, insurance, and real estate.....	141	253	504	683	722	700	727	804	916	1,081
Services.....	127	250	448	586	666	727	791	895	987	1,109
Commonwealth Government ²	175	307	610	1,029	1,091	1,334	1,390	1,450	1,573	1,694
Rest of the world.....	-18	-118	-347	-760	-961	-1,072	-1,438	-1,754	-2,026	-2,450

¹ Includes radio and television. ² Includes public enterprises, not elsewhere classified.

Source: Puerto Rico Planning Board, San Juan, P.R., *Ingreso y Producto*, annual.

No. 1561. PUERTO RICO—RECEIPTS AND EXPENDITURES OF THE CENTRAL GOVERNMENT, BY MAJOR ITEM: 1960 TO 1979

(In millions of dollars. For years ending June 30)

ITEM	1960	1965	1970	1973	1974	1975	1976	1977	1978	1979, prel.
Receipts	351	672	1,275	1,949	2,029	2,402	2,929	3,073	3,417	3,712
Taxes.....	237	408	735	1,085	1,102	1,294	1,605	1,723	1,809	1,957
Personal.....	40	88	188	296	330	397	462	533	486	558
Corporate.....	26	54	92	157	169	167	171	180	237	273
Indirect business.....	172	265	456	632	603	730	972	1,010	1,066	1,126
Contributions to social insurance.....	45	81	162	250	270	335	362	372	398	441
Profits from govt. business enterprises.....	6	11	6	-38	-14	-63	-78	-116	-50	-123
Interest and dividends.....	10	17	49	67	75	73	79	88	106	122
Sales of goods and services.....	9	37	67	93	97	112	138	145	151	164
Transfers from Federal Government.....	44	118	257	492	500	651	823	860	1,003	1,149
Transfers from private enterprises.....	-	-	-	1	(z)	(z)	(z)	(z)	(z)	(z)
Expenditures	287	548	1,105	1,797	1,957	2,416	2,617	2,778	2,986	3,165
Purchases of goods and services.....	227	417	831	1,325	1,422	1,725	1,754	1,873	2,028	2,181
Compensation of employees.....	174	307	610	1,029	1,091	1,334	1,390	1,450	1,573	1,694
Other purchases.....	103	197	390	561	585	671	675	698	772	813
Less: Capital expenditures.....	50	87	169	265	253	279	312	274	317	326
Interest.....	7	19	38	73	89	116	140	149	170	161
Subsidies.....	9	11	33	72	91	98	99	100	118	122
Transfer payments to persons.....	44	82	173	284	307	405	545	570	580	597
Transfer payments to Federal Government.....	(z)	19	30	44	47	71	80	86	91	105
Savings ¹	64	124	170	152	72	-13	311	295	432	547

- Represents zero. Z Less than \$500,000.

¹ Includes disbursements for land acquisition, equipment purchases, and other capital investments.

Source: Puerto Rico Planning Board, San Juan, P. R., *Ingreso y Producto*, annual.

NO. 1562. PUERTO RICO—BUSINESS SUMMARY: 1972 AND 1977

(Sales and payroll in millions of dollars; for discussion of coverage, see text pp. 837 and 838)

KIND OF BUSINESS (Based on 1972 Standard Industrial Classification System)	1972		1977			
	Estab- lish- ments	Sales	Estab- lish- ments	Sales	Pay- roll, en- tire year	Em- ploy- ees ¹
Wholesale trade²	2,160	2,559	2,208	4,395	260	27,788
Motor vehicles, automotive parts and supplies.....	141	163	126	164	16	1,662
Drugs, ³ and chemicals, allied products.....	172	222	154	373	35	3,497
Apparel, piece goods, and notions.....	168	116	159	136	8	946
Groceries and related products.....	500	780	486	1,420	51	6,208
Electrical goods.....	121	137	124	182	19	1,834
Machinery, equipment, supplies.....	297	259	342	358	50	4,773
Petroleum and petroleum products.....	34	207	71	567	11	896
Retail trade²	29,894	2,918	36,276	4,796	423	78,201
Bldg. materials, hware, garden supplies, mobile home dealers.....	943	216	1,347	346	33	5,309
Hardware stores.....	575	105	816	168	16	2,627
General merchandise group stores.....	1,357	330	1,061	479	62	10,461
Department stores.....	47	217	39	312	40	6,056
Food stores, eating and drinking places.....	18,839	904	22,477	1,593	121	25,622
Grocery stores, eating and drinking places.....	16,319	839	19,960	1,488	110	23,056
Automotive dealers, gasoline service stations ²	2,300	717	2,933	1,145	65	10,600
Motor vehicle dealers—new and used cars.....	308	456	284	607	31	4,028
Gasoline service stations.....	1,317	172	1,520	336	15	3,710
Apparel, accessory stores ²	2,360	295	2,796	498	60	11,527
Men's, boys' clothing and furnishing stores.....	529	86	529	117	13	2,255
Women's clothing, specialty stores.....	867	95	1,002	172	20	4,261
Family clothing stores.....	312	33	366	61	8	1,635
Furniture, home furnishings and equipment stores.....	1,420	212	1,522	270	28	4,927
Selected services industries^{2,3,4}	14,163	512	19,936	940	273	41,704
Hotels, motels, trailing parks, and camps.....	263	130	181	(d)	(d)	(d)
Personal services.....	2,982	51	3,160	72	16	3,574
Auto repairs, services, garages.....	1,438	63	2,295	(d)	(d)	(d)
Amusement, recreation services, motion pictures.....	7,822	87	9,753	133	19	3,743

D Withheld to avoid disclosure. ¹ For week including Mar. 12. ² Includes date not shown separately. ³ Includes drug proprietaries and druggists' sundries. ⁴ For 1972, excludes arrangement of passenger transportation; dental laboratories; legal services; engineering, architectural, and surveying services.

Source: U.S. Bureau of the Census, *Census of Outlying Areas, Wholesale Trade, Retail Trade, and Selected Service Industries, 1977, Puerto Rico*, series OAC77-1.

NO. 1563. PUERTO RICO—MANUFACTURES, BY INDUSTRY: 1972 AND 1977

INDUSTRY (Based on 1972 Standard Industrial Classification System)	1972			1977					
	Estab- lish- ments	All employ- ees ¹	Value added by manu- facture ² (mil. dol.)	Estab- lish- ments	All employees		Production workers		Value added by ship- ments ³ (mil. dol.)
					Num- ber ¹	Pay- roll (mil. dol.)	Num- ber ¹	Wages (mil. dol.)	
All Industries.....	2,340	149,748	1,915.4	2,297	146,861	997.0	126,236	738.8	10,137.1
Food and kindred products.....	321	27,739	343.4	324	21,407	149.0	17,249	103.3	1,456.6
Tobacco products.....	28	4,508	46.4	17	3,670	24.5	3,419	21.9	214.1
Textile mill products.....	81	7,819	67.1	63	6,001	29.5	5,743	26.5	183.0
Apparel and other textile products.....	473	39,624	252.5	386	35,294	151.8	33,086	131.1	593.3
Lumber and wood products.....	100	1,194	8.2	83	823	3.9	712	3.1	20.5
Furniture and fixtures.....	140	3,213	29.3	124	2,383	12.1	2,115	9.1	48.3
Paper and allied products.....	37	1,567	17.9	38	1,459	11.8	1,182	8.3	70.3
Printing and publishing.....	129	2,968	41.8	161	4,037	28.8	3,508	23.2	95.4
Chemicals and allied products.....	125	8,979	451.2	181	15,732	162.5	10,517	83.0	2,758.1
Petroleum and coal products.....	16	2,181	91.7	19	2,462	36.9	1,998	27.0	2,147.9
Rubber and misc. plastic products.....	56	3,494	27.4	77	5,962	43.4	5,514	35.9	236.8
Leather and leather products.....	57	6,811	39.3	47	6,165	29.3	5,805	26.3	125.2
Stone, clay, and glass products.....	189	6,250	73.1	175	4,967	39.8	3,857	28.3	229.9
Primary metal industries.....	16	956	14.3	35	1,567	12.7	1,194	8.7	91.5
Fabricated metal products.....	219	5,247	78.2	199	4,654	33.7	3,868	25.7	212.9
Machinery, exc. electrical.....	64	2,229	37.6	57	4,071	32.8	3,112	25.5	301.7
Electric and electronic equipment.....	105	14,671	169.6	131	14,785	106.9	13,485	84.7	716.4
Instruments and related products.....	25	712	6.8	69	6,789	52.1	6,061	39.1	409.0
Transportation equipment.....	44	6,066	84.2	26	1,127	8.2	952	6.7	47.4
Misc. manufacturing industries.....	115	3,720	35.3	85	3,487	27.3	2,879	21.6	178.9

¹ Average for year. ² See footnote 6, table 1434. ³ Represents net selling value, f.o.b. plant. Excludes freight charges and excise taxes. Includes extensive duplication arising from shipments between establishments in the same industry.

Source: U.S. Bureau of the Census, *Censuses of Outlying Areas, Manufactures, 1977, Puerto Rico*, series OAC77-4.

NO. 1564. PUERTO RICO—CONSTRUCTION SUMMARY: 1972 AND 1977

[Money figures in millions of dollars]

INDUSTRY (Based on 1972 Standard Industrial Classification System ¹)	1972		1977				
	Estab-lish-ments	Total re-ceipts	Estab-lish-ments	Total re-ceipts	Pay-roll, en-tire year	Em-ployees	Value added
Construction ²	1,516	1,129	1,692	931	216	36,154	401
General building contractors and operative builders.....	684	693	777	555	120	20,281	195
General contractors, residential buildings.....	441	425	576	(d)	49	8,847	(c)
Single-family houses.....	384	289	548	162	40	8,256	59
Operative builders.....	82	157	70	145	17	3,109	46
General contractors, nonresidential buildings.....	161	111	131	(d)	54	7,325	(d)
Heavy construction, general contractors.....	150	207	156	151	37	5,164	88
Special trade contractors ²	648	216	705	202	55	9,515	110
Plumbing, heating, air-conditioning.....	103	47	132	39	9	1,361	19
Painting, paperhanging, decorating.....	49	(d)	52	(d)	3	585	(d)
Electrical work.....	125	47	134	51	14	2,163	27
Masonry, plastering, and tile setting.....	85	13	67	(d)	8	1,607	(d)
Carpentering and flooring.....	43	³ 1	40	(d)	1	258	(d)
Concrete work.....	48	(d)	45	19	6	922	11

D Withheld to avoid disclosure. ¹ See text, pp. 837 and 838. ² Includes industries not shown separately.³ Flooring only.Source: U.S. Bureau of the Census, *Censuses of Outlying Areas, 1972, Construction Industries: Puerto Rico*, series OAC72-3; and *Censuses of Outlying Areas, 1977 Construction Industries, Puerto Rico*, series OAC77-3.

NO. 1565. PUERTO RICO—AGRICULTURE: 1969 AND 1978

[1 cuerda = .97 acre. Tons specified are short tons]

CROP	LAND HARVESTED (1,000 cuerdas)		PRODUCTION (millions)			Sales, 1978 (mil. dol.)	CROP	LAND HARVESTED (1,000 cuerdas)		PRODUCTION (millions)		
	1969	1978	Unit	1969	1978			1969	1978	Unit	1969	1978
Sugarcane.....	180.4	105.2	Tons.....	5.9	2.9	39.5	Plantains.....	8.3	(NA)	Number.....	95	76
Coffee.....	125.5	83.2	Lb.....	17.5	18.3	26.8	Bananas.....	14.1	(NA)	Number.....	332	229
Vegetables ¹	4.6	5.4	(X).....	(X)	(X)	2.4	Oranges.....	16.2	(NA)	Number.....	134	48.1
Pineapples.....	3.5	2.6	Tons.....	5	(Z)	5.6	Taniers.....	5.2	4.2	Lb.....	13.8	7.3
Tobacco.....	3.7	1.5	Lb.....	4.8	2.3	1.3	Pigeon peas..	6.2	8.5	Lb.....	4.0	9.2

NA Not available. X Not applicable. Z Less than 50 thousand. ¹ For sale.Source: U.S. Bureau of the Census, *Census of Agriculture: 1978*, vol. I.

NO. 1566. PUERTO RICO—MERCHANDISE IMPORTS AND EXPORTS: 1960 TO 1979

[In millions of dollars]

ITEM	1960	1965	1970	1972	1973	1974	1975	1976	1977	1978	1979
Imports	924	1,543	2,681	3,324	3,593	4,961	4,885	5,928	6,200	6,918	6,044
From U. S.....	771	1,275	2,070	2,434	2,623	2,945	3,029	3,677	3,552	4,391	3,046
From other.....	153	263	611	890	970	2,016	1,856	2,251	2,649	2,527	2,998
Exports	604	1,006	1,680	2,241	2,727	3,275	3,000	3,735	4,516	5,123	2,454
To U. S.....	588	969	1,563	2,070	2,479	2,871	2,633	3,298	4,009	4,499	1,635
To other.....	16	37	117	171	248	404	367	437	507	624	819

Source: U.S. Bureau of the Census, *Foreign Commerce and Navigation of the United States*, annual; *U.S. Trade with Puerto Rico and U.S. Possessions*, FT 800; and unpublished data.

NO. 1567. GUAM AND VIRGIN ISLANDS—ECONOMIC SUMMARY: 1977

KIND OF BUSINESS (Based on 1972 Standard Industrial Classification System ¹)	GUAM				VIRGIN ISLANDS			
	Estab-lish-ments	Sales and receipts (\$1,000)	Payroll (\$1,000)	Paid employ-ees ²	Estab-lish-ments	Sales or receipts (\$1,000)	Payroll (\$1,000)	Paid employ-ees ²
Total	900	606,202	74,256	10,405	2,211	(D)	119,804	15,069
Construction.....	74	85,467	19,965	2,533	150	44,321	13,615	1,508
Manufacturing.....	20	172,617	6,131	686	83	(D)	39,163	2,912
Wholesale trade.....	51	77,775	5,180	546	104	124,379	8,776	980
Retail trade.....	531	215,201	25,630	4,070	1,104	277,999	35,909	5,622
Selected services.....	224	55,142	17,350	2,570	770	75,763	22,342	4,047

D Withheld to avoid disclosing data for individual companies.

¹ See text, pp. 837 and 838.² Pay period includingMar. 12. ³ Value of shipments; figure contains duplication.Source: U.S. Bureau of the Census, *Censuses of Outlying Areas, 1977: Virgin Islands and Guam*, series OAC 77-5 and 77-6, respectively.

1980
101st EDITION

Section 33

Comparative International Statistics

This section presents statistics for the world as a whole and for many countries on a comparative basis with the United States. Selected data are shown for area and population, births and deaths, social and industrial indicators, finances, agriculture, transportation and communication, and military affairs.

The principal sources for these data are the United Nations *Statistical Yearbook* and the U.S. Bureau of the Census biennial publication *World Population*. Statistics of the individual nations may be found primarily in official national publications, generally in the form of yearbooks, issued by most of the nations at various intervals in their own national languages, expressed in their own or customary units of measure. For handier reference, especially for international comparisons, the Statistical Office of the United Nations compiles data as submitted by member countries and issues a number of international summary publications, generally in English and French. Among these are the *Statistical Yearbook*; the *Demographic Yearbook*; the *Yearbook of International Trade Statistics*; the *Yearbook of National Accounts Statistics*: vol. II, *International Tables*; *Population and Vital Statistics Reports* (quarterly); the *Monthly Bulletin of Statistics*; and *World Energy Supplies*.

The Bureau of the Census, in *Country Demographic Profiles*, series ISP-30, presents data on individual countries for both a recent census year and the current period; and in the biennial *World Population* series, estimates of basic demographic measures for countries and regions of the world. The *International Population Statistics Reports*, series P-90 and P-91, issued by the Bureau of the Census, also present population figures for many foreign countries. Other sources for foreign agricultural, labor, and education statistics are publications of specialized agencies of the United Nations, such as the *Production Yearbook* issued by the Food and Agriculture Organization, the *Yearbook of Labour Statistics* issued by the International Labour Office, and the *Statistical Yearbook* issued by the Educational, Scientific, and Cultural Organization.

The U.S. Arms Control and Disarmament Agency and the International Monetary Fund (IMF) also compile data on international statistics. In its *World Military Expenditures and Arms Transfers*, published annually, the Arms Control and Disarmament Agency presents data on various economic indicators, as well as basic military data. Among the topics presented have been military expenditures, GNP, public health and public education expenditures, physicians and teachers, imports and exports, and armed forces, by region and/or country. The IMF publishes a series of reports relating to financial data. These include *International Financial Statistics*, *Direction of Trade*, and *Balance of Payments Yearbook*, published in English, French, and Spanish.

Statistical coverage, country names, and classifications.—Problems of space and availability of data limit the number of countries and the extent of statistical coverage shown. The list of countries included is based almost entirely on a U.S. Department of State list of sovereign nations, dependencies, and areas of special sovereignty published biennially by the U.S. Department of State in *Status of the World's Nations*. Country names are shown here as specified in that publication. In the few cases where a lack of comparability exists between State Department and United Nations' terminology, the State Department's preferences are used.

The countries and regions in tables 1570, 1573, and 1574 are classified as either "more developed" or "less developed," according to a regional classification system used by the Census Bureau in its *World Population 1979*. The system is based on the assumption that, within regions, levels of such factors as industrial development, literacy rate, gross reproduction rate, per capita income, etc., are somewhat constant. "More developed" countries comprise Japan, Australia, New Zealand, the Soviet Union, and those countries in Northern America and Europe. All others are "less developed".

Economic associations.—The Organisation for European Economic Co-operation (OEEC), a regional grouping of Western European countries established in 1948 for the purpose of harmonizing national economic policies and conditions, was succeeded on September 30, 1961 by the Organisation for Economic Co-operation and Development (OECD). The member nations of the OECD are Australia, Austria, Belgium, Canada, Denmark, Finland, France, Federal Republic of Germany, Greece, Iceland, Ireland, Italy, Japan, Luxembourg, the Netherlands, New Zealand, Norway, Portugal, Spain, Sweden, Switzerland, Turkey, the United Kingdom, and the United States, plus Yugoslavia in special status category.

Quality and comparability of the data.—The quality and comparability of the data presented here are affected by a number of factors:

(1) The year for which data are presented may not be the same for all subjects for a particular country, or for a given subject for different countries, though the data shown are the most recent available. All such variations have been noted. The data shown are for calendar years except as otherwise specified.

(2) The bases, methods of estimating, methods of data collection, extent of coverage, precision of definition, scope of territory, and margins of error may vary for different items within a particular country, and for like items for different countries. Footnotes and headnotes to the tables give a few of the major time-period and coverage qualifications attached to the figures; considerably more detail is presented in the source publications. Many of the measures shown are, at best, merely rough indicators of magnitude.

It should be noted, for example, that in interpreting the absolute levels of GNP and per capita GNP, the market exchange rates used in converting national currencies to U.S. dollars do not necessarily reflect the relative purchasing power of the various currencies. In 1979, market exchange rates were strongly influenced by balance-of-payments disequilibria, which may be presumed to be temporary, and by market expectations of future changes in relative purchasing power.

In terms of actual 1979 purchasing power, the U.S. dollar was undervalued in comparison with the "strong" European currencies and the Japanese yen; the same was true of sterling and the Italian lira. The Swiss franc was overvalued in comparison with all currencies. As a consequence, it should not be concluded, for instance, that Switzerland's individual standard of living in 1979 was 44 percent higher than that of the U.S., or that the U.K.'s was 34 percent lower, as the statistics may imply. (See table 1579.)

(3) Figures shown in this section for the United States may not always agree with figures shown in the preceding sections. Disagreements may be attributable to the use of differing original sources, a difference in the definition of geographic limits (the 50 States, conterminous United States only, or the United States including certain outlying areas and possessions), or to possible adjustments made in the United States figures by the United Nations or other sources in order to make them more comparable with figures from other countries.

Conversion factors.—To facilitate comparison in terms of familiar units, some items shown in metric units in the source have been converted to U.S. equivalents by means of the abbreviated conversion factors shown below. Additional conversion factors appear on p. xvi.

Conversion Factors

<i>Metric units</i>	<i>U.S. equivalents</i>
1 square kilometer	0.3861 sq. mile
1 metric ton (1,000 kilograms).....	1.1023 short tons
1 hectolitre	26.4172 U.S. gallons
1 cubic meter.....	35.3147 cubic feet

NO. 1568. WORLD SUMMARY: 1960 TO 1977

[See text, p. 894, for general comments concerning quality of the data]

ITEM	Unit	1960	1965	1970	1973	1974	1975	1976	1977
Population	Millions	2,986	3,288	3,610	3,818	3,890	3,967	4,044	4,124
Farm products, wood, fish:									
Barley	Mill. sh. tons	100	117	154	186	189	173	203	195
Coffee	Mill. sh. tons	4.7	5.6	4.2	4.7	5.4	4.9	4.0	4.7
Corn	Mill. sh. tons	226	250	289	346	326	359	369	384
Cotton (lint)	Mill. sh. tons	11	13	13	15	15	14	13	15
Peanuts (groundnuts)	Mill. sh. tons	15	18	20	19	19	21	20	20
Potatoes	Mill. sh. tons	314	314	344	348	323	316	321	354
Rice	Mill. sh. tons	261	282	348	366	367	397	386	409
Soybeans	Mill. sh. tons	30	40	51	69	63	76	68	87
Tobacco	Mill. sh. tons	4.2	5.0	5.1	5.3	5.8	6.0	6.2	6.2
Wheat	Mill. sh. tons	269	295	351	415	397	391	461	425
Wool, greasy	Mill. sh. tons	2.8	2.9	3.1	2.7	2.9	2.9	2.8	2.8
Roundwood	Bil. cu. ft.	67	73	85	88	89	85	88	90
Fish catches	Mill. sh. tons	44	59	78	74	79	78	82	81
Industrial production:									
Electric energy	Bil. kWh	2,304	3,380	4,923	6,084	6,261	6,453	6,908	7,210
Energy (coal equivalent)	Mill. sh. tons	4,936	6,153	8,046	9,312	9,410	9,284	9,806	10,201
Coal	Mill. sh. tons	2,170	2,218	2,362	2,439	2,480	2,615	2,684	2,729
Lignite	Mill. sh. tons	700	816	874	910	928	951	984	994
Coke oven coke	Mill. sh. tons	274	346	385	401	411	407	409	399
Crude petroleum	Bil. bbl.	7.9	11.3	17.0	20.8	20.9	19.8	21.4	22.4
Iron ore	Mill. sh. tons	283	359	466	516	566	559	565	532
Nickel ore	1,000 sh. tons	371	483	727	763	827	821	883	883
Tin concentrate ¹	1,000 sh. tons	153	171	204	204	199	194	191	204
Meat	Mill. sh. tons	68	77	93	100	106	108	110	113
Wheat flour ¹	Mill. sh. tons	109	118	134	138	137	139	142	143
Sugar	Mill. sh. tons	58	72	80	86	87	90	95	101
Wine	Bil. gal.	6	8	8	10	9	8	8	8
Beer	Bil. gal.	11	13	17	19	20	21	21	21
Cigarettes ¹	Billions	1,899	2,296	2,688	2,944	3,111	3,112	3,252	3,322
Noncellulosic fibers	1,000 sh. tons	772	2,260	5,368	8,637	8,477	8,223	9,535	9,987
Sawnwood	Bil. cu. ft.	12	13	14	15	15	14	15	15
Woodpulp	Mill. sh. tons	65	87	115	128	132	114	123	128
Newsprint	Mill. sh. tons	15	19	24	24	25	23	24	25
Cement	Mill. sh. tons	349	477	626	766	771	764	807	837
Pig iron and ferroalloys	Mill. sh. tons	286	369	484	564	581	538	557	549
Crude steel	Mill. sh. tons	382	506	655	764	776	710	742	735
Magnesium	1,000 sh. tons	100	173	250	269	272	291	256	279
Tin ¹	1,000 sh. tons	163	166	202	204	197	193	198	197
Merchant vessels, launched ¹	Mill. gr. tons	8.4	12.2	21.7	31.5	34.6	35.9	31.0	24.2
Motor vehicles	Millions	16.5	24.3	29.3	38.6	34.3	33.0	38.2	42.7
External trade:									
Imports, c.i.f.	Bil. U.S. dol.	136	197	329	591	854	903	1,015	1,155
Exports, f.o.b.	Bil. U.S. dol.	128	186	314	577	842	874	991	1,125
Transport:									
Railway freight	Bil. sh. ton-mi.	2,286	2,873	3,438	3,948	4,097	4,104	4,179	4,253
Merchant shipping, freight ²	Mill. sh. tons	1,224	1,849	2,833	3,516	3,624	3,500	3,695	3,830
Civil aviation, miles flown ³	Millions	1,926	2,548	4,356	4,673	4,580	4,673	4,878	5,027

¹ Excludes People's Republic of China. Tin, tin concentrate, and merchant vessels exclude Soviet Union. For other exclusions, see source. ² Freight loaded. ³ Scheduled services of members of Int'l Civil Aviation Organization.

Source: Statistical Office of the United Nations, New York, N.Y., *Statistical Yearbook*. (Copyright.)

NO. 1569. WORLD POPULATION AND AREA, BY SIZE OF COUNTRY: 1970 AND 1979

[Covers only countries listed in table 1573. See headline, table 1573]

POPULATION CLASS	1970						1979					
	Countries		Population		Area		Countries		Population		Area	
	Total number	Percent of total	Total (mil.)	Percent of total	Total (1,000 sq. mi.)	Percent of total	Total number	Percent of total	Total (mil.)	Percent of total	Total (1,000 sq. mi.)	Percent of total
Total	169	100.0	3,726	100.0	51,460	100.0	169	100.0	4,406	100.0	51,460	100.0
Under 1 million	44	26.0	14	.4	1,062	2.1	43	25.4	17	.4	1,054	2.0
1-5 million	48	28.4	135	3.6	5,774	11.2	39	23.1	113	2.6	4,239	8.2
5-10 million	26	15.4	188	5.1	4,318	8.4	31	18.3	220	5.0	4,915	9.6
10-25 million	25	14.8	387	10.4	14,069	27.3	26	15.4	413	9.4	12,110	23.5
25-50 million	11	6.5	367	9.9	2,837	5.5	14	8.3	504	11.4	5,615	10.9
Over 50 million	15	8.9	2,635	70.7	23,400	45.5	16	9.5	3,139	71.2	23,526	45.7

Source: Compiled from data in U.S. Bureau of the Census, *World Population: 1979—Recent Demographic Estimates for the Countries and Regions of the World*, forthcoming, and U.S. Department of State, *Status of the World's Nations*, biennial.

No. 1570. WORLD POPULATION AND GROWTH, BY CONTINENT AND REGION: 1950 TO 1979

[For explanation of "more developed" and "less developed" categories, see text, p. 893]

CONTINENT AND REGION	MIDYEAR POPULATION (millions)							ANNUAL RATE OF GROWTH ¹ (percent)				
	1950	1955	1960	1965	1970	1975	1979	1950-1960	1960-1965	1965-1970	1970-1975	1975-1979
World total	2,527	2,773	3,059	3,358	3,727	4,109	4,406	1.9	1.9	2.1	1.9	1.7
More developed regions.....	832	887	945	1,002	1,049	1,093	1,123	1.3	1.2	.9	.8	.7
Less developed regions.....	1,695	1,886	2,114	2,355	2,679	3,016	3,283	2.2	2.2	2.6	2.4	2.1
Percent of world	67.1	68.0	69.1	70.1	71.9	73.4	74.5	(x)	(x)	(x)	(x)	(x)
Africa ²	220	245	275	312	356	409	458	2.3	2.5	2.6	2.7	2.9
Asia	1,392	1,540	1,715	1,891	2,140	2,393	2,583	1.2	1.0	1.1	2.2	1.9
More developed regions.....	84	90	94	99	104	112	116	1.2	1.0	1.1	1.3	.9
Less developed regions.....	1,308	1,450	1,620	1,792	2,036	2,282	2,467	2.1	2.0	2.5	2.3	2.0
East Asia ³	673	745	827	894	1,020	1,137	1,210	2.1	1.6	2.6	2.2	1.6
South Asia ³	719	795	888	997	1,120	1,257	1,373	2.1	2.3	2.3	2.3	2.2
Latin America ²	164	187	216	248	283	321	353	2.7	2.8	2.7	2.5	2.4
Middle America ^{2 3}	36	41	49	57	67	78	88	3.0	3.2	3.2	3.1	2.8
Caribbean ^{2 3}	17	18	20	23	25	28	30	2.0	2.2	1.9	2.1	1.8
South America ^{2 3}	112	128	147	168	191	215	235	2.7	2.7	2.6	2.4	2.3
Northern America ^{2 4}	166	182	199	214	226	236	244	1.8	1.5	1.1	.9	.8
Europe ⁴	392	408	425	444	460	474	482	.8	.9	.7	.6	.4
Soviet Union ⁴	180	196	214	231	243	254	263	1.7	1.5	1.0	.9	.9
Oceania.....	13	14	16	18	19	21	22	2.3	2.1	2.0	1.9	1.3
Australia and New Zealand ⁴	10	11	13	14	15	17	18	2.2	2.0	1.9	1.7	1.0
Less developed regions.....	2	3	3	3	4	4	5	2.6	2.7	2.6	2.5	2.4

X Not applicable. ¹ Computed by the exponential method. For explanation of average annual percent change, see Guide to Tabular Presentation. ² Less developed region. ³ For component countries, see table 1574. ⁴ More developed region.

Source: U.S. Bureau of the Census, *World Population 1979—Recent Demographic Estimates for the Countries and Regions of the World*, forthcoming.

No. 1571. WORLD POPULATION CHARACTERISTICS, 1975 AND 1979, AND PROJECTIONS TO 2000

[Source of data presents 3 levels or series of projections: Medium, high, and low. Figures shown here are for *medium series*. For explanation of "more developed" and "less developed" categories, see text, p. 893]

ITEM	Units	1975	1979	1980	1985	1990	1995	2000
World total.....	Millions.....	4,109	4,406	4,481	4,870	5,274	5,717	6,182
Population per sq. mi.....	Number.....	78	84	85	93	101	109	118
Males.....	Millions.....	2,056	2,207	2,245	2,442	2,647	2,871	3,106
Females.....	Millions.....	2,053	2,199	2,236	2,428	2,627	2,846	3,076
Under 5 years.....	Percent.....	13.5	12.5	12.3	11.9	11.5	11.5	11.2
5 to 14 years old.....	Percent.....	23.4	23.5	23.2	21.7	20.6	20.1	19.9
65 years old and over.....	Percent.....	5.3	5.4	5.5	5.5	5.7	6.0	6.2
Median age.....	Years.....	21.7	22.3	22.4	23.1	23.9	24.7	25.5
More developed regions.....	Millions.....	1,093	1,123	1,131	1,170	1,207	1,242	1,272
Less developed regions.....	Millions.....	3,016	3,283	3,350	3,700	4,067	4,475	4,910

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

No. 1572. WORLD VITAL STATISTICS AND LIFE EXPECTANCY, 1975, AND PROJECTIONS TO 2000

[1975, for calendar year; projections, for year ending June 30. See headnote, table 1571]

ITEM	Unit	1975	1980	1985	1990	1995	2000
World growth rate.....	Percent.....	1.8	1.8	1.8	1.8	1.8	1.6
Crude birth rate ¹	Per 1,000 population.....	30.4	29.0	28.5	27.9	27.0	25.6
Crude death rate ¹	Per 1,000 population.....	12.3	11.4	10.6	10.1	9.5	9.1
Total fertility rate ²	Number.....	4.3	3.9	3.7	3.5	3.4	3.3
Life expectancy at birth, both sexes.....	Years.....	58.8	60.4	62.0	63.3	64.4	65.5
Male.....	Years.....	56.9	58.6	60.1	61.3	62.5	63.6
Female.....	Years.....	60.8	62.3	63.9	65.2	66.4	67.5

¹ See headnote, table 1575. ² Total fertility rate: Average number of children that would be born per woman if all women lived to the end of their childbearing years and, at each year of age, they experienced the birth rates occurring in the specified year.

Source: U.S. Bureau of the Census, *Current Population Reports*, series P-23, No. 79.

NO. 1573. POPULATION AND AREA, BY REGION AND COUNTRY

[Population data generally are de facto figures for the present territory. See table 1574 for country components of regions. See text, p. 894, for general comments concerning the data. For details of methodology, coverage, and reliability, see source. Minus sign (—) denotes decrease]

REGION, COUNTRY, AND STATUS OF DEVELOPMENT	LATEST POPULATION CENSUS ¹		MIDYEAR POPULATION ESTIMATES				Popu- lation per sq. mile, 1979	AREA ³	
	Year	Number (1,000)	1970, number (1,000)	1979		Average annual percent change, 1970- 79 ²		Square miles	Rank
				Number (1,000)	Rank				
● = More developed ★ = Less developed									
World total	(x)	(x)	3,727,288	4,406,347	(x)	1.9	84	52,444,043	(x)
Africa	(x)	(x)	356,130	458,231	(x)	2.8	39	11,706,166	(x)
Northern America ⁴	(x)	(x)	226,309	244,391	(x)	.9	29	8,306,942	(x)
Latin America	(x)	(x)	282,895	352,821	(x)	2.5	44	7,940,533	(x)
Middle America	(x)	(x)	66,869	87,503	(x)	3.0	91	963,706	(x)
Caribbean	(x)	(x)	25,037	29,874	(x)	2.0	325	91,892	(x)
South America ⁵	(x)	(x)	190,989	235,444	(x)	2.3	34	6,884,935	(x)
East Asia	(x)	(x)	1,019,904	1,210,189	(x)	1.9	267	4,538,992	(x)
South Asia	(x)	(x)	1,120,090	1,372,672	(x)	2.3	225	6,110,033	(x)
Europe	(x)	(x)	459,784	482,187	(x)	.5	253	1,906,176	(x)
Soviet Union	(x)	(x)	242,757	263,400	(x)	.9	30	8,649,490	(x)
Oceania	(x)	(x)	19,420	22,457	(x)	1.6	7	3,285,711	(x)
COUNTRIES									
●United States	1970	204,335	204,878	220,584	4	.8	61	3,628,150	4
★Afghanistan	1979	15,540	12,059	14,699	44	2.2	59	251,000	39
●Albania	1979	2,595	2,136	2,626	110	2.3	237	11,100	124
★Algeria	1977	16,260	13,832	18,145	37	3.0	20	919,951	10
★Angola	1970	5,646	5,573	6,543	73	1.8	14	481,351	21
★Argentina	1970	23,362	23,758	27,210	29	1.5	25	1,072,067	8
●Australia	1976	13,548	12,660	14,417	48	1.4	5	2,967,909	6
●Austria	1971	7,456	7,426	7,506	69	.1	232	32,374	106
★Bahamas, The	1970	169	171	236	154	3.6	54	4,404	139
★Bahrain	1971	216	219	370	143	5.8	1,602	231	161
★Bangladesh	1974	71,479	69,727	88,092	8	2.6	1,598	55,126	88
★Barbados	1970	238	239	279	151	1.7	1,681	166	163
●Belgium	1970	9,651	9,656	9,849	57	.2	836	11,779	121
★Benin	S 1961	2,106	2,853	3,379	100	2.7	78	43,483	95
★Bhutan	1969	1,035	1,048	1,273	125	2.2	66	19,305	114
★Bolivia	1976	4,648	4,140	5,213	85	2.6	12	424,162	26
★Botswana	1971	609	630	764	132	2.1	3	222,000	44
★Brazil	1970	93,139	95,684	119,175	6	2.4	36	3,286,470	5
●Bulgaria	1975	8,728	8,490	8,827	62	.4	206	42,829	98
★Burma	1973	28,886	27,078	33,590	25	2.4	128	261,789	38
★Burundi	1979	4,110	3,589	4,192	93	1.7	390	10,739	126
★Cameroon	1976	7,132	6,727	8,323	65	2.4	45	183,568	48
●Canada	1976	22,993	21,324	23,688	31	1.2	8	3,851,809	2
★Cape Verde	1970	272	269	328	147	2.2	211	1,557	147
★Central African Republic	1975	2,086	1,855	2,284	114	2.3	9	241,313	41
★Chad	1964	3,254	3,707	4,528	92	2.2	9	495,752	19
★Chile	1970	8,885	9,369	10,848	54	1.6	38	286,396	37
China:									
★Mainland	1953	582,603	848,348	1,012,197	1	2.0	274	3,691,502	3
★Taiwan	1975	16,206	14,598	17,456	38	2.0	1,284	13,592	120
★Colombia	1973	21,147	21,430	26,205	30	2.2	58	455,355	25
★Comoros	1966	245	270	359	144	3.2	518	693	153
★Congo	1974	1,300	1,183	1,508	121	2.7	11	132,046	56
★Costa Rica	1973	1,872	1,736	2,184	116	2.6	111	19,653	113
★Cuba	1970	8,569	8,551	9,824	59	1.5	222	44,218	94
★Cyprus	1976	613	615	621	135	.1	174	3,572	143
●Czechoslovakia	1970	14,345	14,319	15,239	43	.7	309	49,371	91
●Denmark	1976	5,072	4,929	5,118	87	.4	308	16,615	116
★Djibouti	1960	81	160	386	142	9.8	43	8,996	129
★Dominican Republic	1970	4,009	4,343	5,551	81	2.7	297	18,704	115
★Ecuador	1974	6,522	5,958	7,763	67	2.9	73	105,686	67
★Egypt	1976	38,228	33,011	40,993	20	2.4	106	386,872	28
★El Salvador	1971	3,555	3,582	4,662	91	2.9	564	8,260	132
★Equatorial Guinea	1960	246	291	244	152	-2.0	23	10,932	125
★Ethiopia	(x)	(NA)	25,450	31,780	26	2.5	70	457,142	24
★Fiji	1976	588	521	618	136	1.9	68	7,055	135
●Finland	1975	4,718	4,606	4,764	90	.4	37	130,119	57
●France	1975	52,656	50,787	53,478	15	.6	251	212,973	45
★Gabon	1960	449	493	637	134	2.8	6	102,317	69

See footnotes at end of table.

No. 1573. POPULATION AND AREA, BY COUNTRY—Continued

[See headnote, p. 897]

COUNTRY AND STATUS OF DEVELOPMENT	LATEST POPULATION CENSUS ¹		MIDYEAR POPULATION ESTIMATES				Population per sq. mile, 1979	AREA ³	
	Year	Number (1,000)	1970, number (1,000)	1979		Average annual percent change, 1970-79 ²		Square miles	Rank
				Number (1,000)	Rank				
● = More developed ★ = Less developed									
★Gambia, The.....	1973	493	458	585	137	2.7	146	4,003	141
●German Dem. Rep.....	1971	17,068	17,070	16,758	41	-.2	412	40,646	100
●Germany, Fed. Rep. of.....	1970	60,651	60,714	61,302	12	.1	640	95,815	71
★Ghana.....	1970	8,559	8,789	11,742	53	3.2	127	92,100	74
●Greece.....	1971	8,769	8,793	9,444	60	.8	187	50,547	90
★Grenada.....	1970	94	95	105	169	1.1	789	133	165
★Guatemala.....	1973	5,160	5,262	6,849	71	2.9	163	42,042	99
★Guinea.....	(x)	(NA)	4,069	5,275	84	2.9	56	94,925	72
★Guinea-Bissau.....	1970	487	487	638	133	3.0	46	13,948	119
★Guyana.....	1970	702	715	832	131	1.7	10	83,000	78
★Haiti.....	1971	4,330	4,605	5,670	79	2.3	529	10,714	127
★Honduras.....	1974	2,657	2,683	3,645	96	3.4	84	43,277	96
●Hungary.....	1980	10,710	10,338	10,710	55	.4	298	35,919	104
●Iceland.....	R 1970	205	204	226	155	1.1	6	39,702	101
★India ⁶	1971	548,160	553,619	667,328	2	2.1	543	1,229,737	7
★Indonesia.....	1971	119,232	122,671	148,085	5	2.1	201	735,268	14
★Iran.....	1976	33,662	28,906	37,430	22	2.9	59	636,363	16
★Iraq.....	1977	12,171	9,466	12,908	52	3.4	75	172,000	51
●Ireland.....	1971	2,978	2,950	3,365	101	1.5	127	26,600	110
★Israel.....	1972	3,148	2,974	3,784	95	2.7	473	7,992	133
●Italy.....	1971	54,137	53,661	56,877	13	.6	489	116,303	63
★Ivory Coast.....	1975	6,710	5,424	7,761	68	4.0	62	124,503	61
★Jamaica.....	1970	1,849	1,944	2,215	115	1.5	502	4,411	138
●Japan.....	1975	111,940	104,345	115,880	7	1.2	807	143,574	55
★Jordan.....	A 1961	1,711	2,262	3,189	103	3.8	86	37,297	103
★Kampuchea.....	1962	5,729	7,060	5,767	78	-2.2	82	70,000	83
★Kenya.....	1979	15,322	11,256	15,778	42	3.8	70	224,960	43
★Korea, Dem. Peo. Rep. of.....	(x)	(NA)	14,185	18,717	35	3.1	400	46,768	92
★Korea, Republic of.....	1975	34,709	32,976	39,140	21	1.9	1,029	38,031	102
★Kuwait.....	1975	995	748	1,277	124	5.9	164	7,780	134
★Laos.....	(x)	(NA)	2,962	3,440	98	1.7	38	91,428	76
★Lebanon.....	S 1970	2,126	2,330	2,943	107	2.6	733	4,015	140
★Lesotho.....	1976	1,214	1,066	1,305	123	2.2	111	11,716	122
★Liberia.....	A 1974	1,503	1,335	1,788	119	3.2	42	43,000	97
★Libya.....	1973	2,249	1,956	2,920	108	4.5	4	679,536	15
●Luxembourg.....	1970	340	339	358	145	.6	358	999	150
★Madagascar.....	1975	7,569	6,759	8,349	64	2.3	36	230,035	42
★Malawi.....	1977	5,562	4,450	5,862	77	3.1	128	45,747	93
★Malaysia.....	1970	10,439	10,910	13,674	50	2.5	107	128,328	58
★Maldives.....	1978	143	115	150	161	3.0	1,304	115	167
★Mali.....	1976	6,035	5,143	6,464	74	2.5	14	464,873	23
●Malta.....	1967	316	326	347	146	.7	2,844	122	166
★Mauritania.....	1976	1,407	1,254	1,474	122	1.8	4	419,229	27
★Mauritius.....	1972	851	830	941	128	1.4	1,196	787	152
★Mexico.....	1970	48,225	50,078	65,770	11	3.0	86	761,601	13
★Mongolia.....	1979	1,595	1,248	1,616	120	2.9	3	604,247	17
★Morocco.....	1971	15,379	15,909	20,368	34	2.7	118	171,953	52
★Mozambique.....	1970	8,169	8,133	10,030	56	2.3	33	303,073	34
★Nepal.....	1971	11,556	11,919	14,608	45	2.3	269	54,362	89
●Netherlands.....	1971	13,060	13,032	14,029	49	.8	1,004	13,967	118
●New Zealand.....	1976	3,129	2,811	3,107	105	1.1	30	103,736	68
★Nicaragua.....	1971	1,878	1,908	2,365	112	2.4	41	57,143	87
★Niger.....	1977	5,098	4,128	5,346	83	2.9	11	489,206	20
★Nigeria.....	(x)	(NA)	56,346	74,595	10	3.1	209	356,699	30
●Norway.....	1970	3,874	3,877	4,074	94	.6	33	125,181	60
★Oman.....	(x)	(NA)	654	864	130	3.1	11	82,000	79
★Pakistan ⁷	1972	65,309	65,706	84,075	9	2.7	245	342,750	32
★Panama.....	1970	1,428	1,497	1,876	117	2.5	65	28,753	108
★Papua New Guinea.....	A 1971	2,490	2,418	3,067	106	2.6	17	183,540	49
★Paraguay.....	1972	2,358	2,477	3,117	104	2.6	20	157,047	53
★Peru.....	1972	13,538	13,504	17,164	40	2.7	35	496,222	18
★Philippines.....	1975	42,071	37,540	47,678	17	2.7	412	115,707	64
●Poland.....	1978	35,032	32,526	35,227	24	.9	293	120,359	62
●Portugal.....	1970	8,663	9,044	9,643	58	.9	279	35,340	105
★Qatar.....	1970	111	111	210	158	7.1	53	4,000	142
●Romania.....	1977	21,559	20,253	22,057	33	.9	241	91,699	75
★Rwanda.....	1978	4,819	3,786	4,955	88	3.0	487	10,169	128

See footnotes at end of table.

No. 1573. POPULATION AND AREA, BY COUNTRY—Continued

[See headnote, p. 897]

COUNTRY AND STATUS OF DEVELOPMENT	LATEST POPULATION CENSUS ¹		MIDYEAR POPULATION ESTIMATES				Population per sq. mile, 1979	AREA ³	
	Year	Number (1,000)	1970, number (1,000)	1979		Average annual percent change, 1970-79 ²		Square miles	Rank
				Number (1,000)	Rank				
● = More developed ★ = Less developed									
★Saudi Arabia.....	1974	7,013	6,174	9,292	61	4.5	11	873,000	12
★Senegal.....	1976	5,085	4,385	5,532	82	2.6	73	76,124	80
★Sierra Leone.....	1974	2,735	2,753	3,309	102	2.0	118	27,925	109
★Singapore.....	1970	2,075	2,075	2,363	113	1.4	10,502	225	162
★Somalia.....	(X)	(NA)	2,806	3,474	97	2.4	14	246,155	40
★South Africa.....	1970	21,794	22,465	27,799	28	2.4	59	471,819	22
●Soviet Union.....	1979	262,442	242,757	263,400	3	.9	30	8,649,490	1
●Spain.....	1970	33,956	33,779	37,077	23	1.0	190	194,863	47
★Sri Lanka.....	1971	12,690	12,532	14,584	46	1.7	576	25,322	111
★Sudan.....	1973	14,114	13,575	18,167	36	3.2	19	967,491	9
★Suriname.....	1971	380	373	404	141	.9	6	63,251	86
★Swaziland.....	1976	499	420	541	138	2.8	81	6,705	136
●Sweden.....	1975	8,209	8,043	8,296	66	.3	48	173,665	50
●Switzerland.....	1970	6,270	6,267	6,343	75	.1	398	15,941	117
★Syria.....	1976	7,726	6,258	8,506	63	3.4	119	71,498	82
★Tanzania.....	1967	12,313	13,286	17,364	39	3.0	48	362,820	29
★Thailand.....	1970	34,397	37,091	46,687	18	2.6	235	198,455	46
★Togo.....	1970	1,951	1,964	2,544	111	2.9	116	21,853	112
★Trinidad and Tobago.....	1970	941	1,027	1,150	126	1.3	581	1,980	146
★Tunisia.....	1975	5,572	5,085	6,312	76	2.4	100	63,378	85
★Turkey.....	1975	40,348	35,743	44,561	19	2.5	148	301,380	35
★Uganda.....	1969	9,549	9,806	13,225	51	3.3	145	91,134	77
★United Arab Emirates.....	1975	656	225	871	129	15.0	27	32,000	107
●United Kingdom.....	1971	55,515	55,522	55,901	14	.1	593	94,214	73
★Upper Volta.....	1975	6,144	5,465	6,661	72	2.2	63	105,869	66
★Uruguay.....	1975	2,782	2,824	2,910	109	.3	42	68,548	84
★Venezuela.....	1971	10,722	10,709	14,539	47	3.4	41	352,143	31
★Vietnam.....	1974	23,787	42,984	52,127	16	2.1	412	126,436	59
★Western Samoa.....	1976	152	142	155	159	1.0	137	1,133	149
★Yemen, Peo. Dem. Rep. of.....	1973	1,590	1,498	1,863	118	2.4	17	111,000	65
★Yemen Arab Republic.....	1975	4,520	4,357	5,126	86	1.8	68	75,290	81
●Yugoslavia.....	1971	20,523	20,371	22,174	32	.9	225	98,766	70
★Zaire.....	1974	24,327	21,638	28,090	27	2.9	31	905,063	11
★Zambia.....	1974	4,695	4,251	5,649	80	3.2	19	290,724	36
★Zimbabwe.....	1969	5,099	5,546	7,254	70	3.0	48	150,333	54
AREAS OF SPECIAL SOVEREIGNTY AND DEPENDENCIES									
★Belize.....	1970	120	122	152	160	2.4	17	8,866	130
★Brunei.....	1971	136	128	213	157	5.7	96	2,226	145
●Channel Islands.....	1971	123	122	130	165	.7	1,733	75	168
★French Polynesia.....	1977	137	116	144	162	2.4	93	1,544	148
★Gaza Strip.....	1967	356	329	420	140	2.7	2,876	146	164
★Guadeloupe.....	1974	325	320	312	148	— .3	455	686	155
★Hong Kong.....	1976	4,420	3,959	4,900	89	2.4	12,312	398	157
★Macao.....	1970	249	245	282	150	1.6	47,000	6	169
★Martinique.....	1974	325	325	310	149	— .5	719	431	156
★Namibia.....	1970	762	766	994	127	2.9	3	318,261	33
★Netherlands Antilles.....	1971	218	218	240	153	1.1	757	317	158
★New Caledonia.....	1976	133	111	136	163	2.3	16	8,548	131
★New Hebrides.....	1979	113	85	114	167	3.3	20	5,700	137
★Pacific Is., Tr. Terr. of.....	1973	115	102	131	164	2.8	191	687	154
★Puerto Rico.....	1970	2,712	2,718	3,395	99	2.5	988	3,435	144
★Reunion.....	1974	477	445	503	139	1.4	519	970	151
★Saint Lucia.....	1970	101	103	121	166	1.8	508	238	160
★Saint Vincent and the Grenadines.....	1970	87	88	111	168	2.6	444	250	159
★Solomon Islands.....	1976	197	163	222	156	3.4	19	11,500	123

NA Not available. X Not applicable. ¹ For countries in which no recent census has been taken, survey or national registry data (identified respectively as "S" and "R") are shown. For countries in which the unadjusted census returns are not reported, adjusted census returns (identified as "A") are shown. ² Computed by the exponential method. For explanation of average annual percent change, see Guide to Tabular Presentation. ³ Includes inland waters. Source: U.S. Department of State, *Status of the World's Nations*, biennial. ⁴ Includes Bermuda, Canada, Greenland, St. Pierre and Miquelon, and United States. ⁵ Comprises both temperate and tropical South American countries. ⁶ Includes the Indian-held part of Jammu and Kashmir. ⁷ Excludes the Pakistani-held part of Jammu and Kashmir. ⁸ Data for North Vietnam only. 1976 census for South Vietnam reported 23,614,653 persons.

Source: Except as noted, U.S. Bureau of the Census, *World Population 1979—Recent Demographic Estimates for the Countries and Regions of the World*.

NO. 1574. POPULATION PROJECTIONS, BY REGION AND FOR SELECTED COUNTRIES: 1978 TO 2000

[In millions. Source of data presents 3 series of projections. Figures shown here are for *medium series*]

REGION AND COUNTRY	1978	1985	1990	2000	REGION AND COUNTRY	1978	1985	1990	2000
World, total	4,258.7	4,829.8	5,275.3	6,198.6	Other East Asia ²	60.2	68.9	75.3	87.4
More developed ¹	1,115.9	1,168.9	1,205.8	1,272.3	Hong Kong.....	4.7	5.2	5.7	6.3
Less developed ¹	3,142.7	3,660.9	4,069.5	4,926.4	Korea, Dem. Peo. Rep. of.....	17.1	20.2	22.5	27.4
Africa	442.5	544.5	630.4	828.1	Korea, Republic of.....	36.6	41.3	44.7	50.8
Eastern Africa ²	125.8	155.7	181.4	242.8	South Asia.....	1,352.8	1,606.1	1,802.6	2,205.3
Burundi.....	4.3	5.2	6.0	7.8	Eastern So. Asia ²	350.0	414.9	464.0	559.4
Ethiopia.....	31.0	37.3	42.6	55.3	Burma.....	33.6	39.9	44.7	55.1
Kenya.....	15.2	19.9	23.9	33.6	Indonesia ³	145.1	169.7	187.7	221.6
Madagascar.....	8.3	10.0	11.5	15.1	Kampuchea.....	8.6	9.8	11.0	13.4
Malawi.....	5.8	7.3	8.6	11.9	Laos.....	3.5	4.2	4.7	5.7
Mozambique.....	9.9	12.0	13.8	18.1	Malaysia.....	13.0	15.4	17.1	20.2
Rwanda.....	4.5	5.6	6.6	9.0	Philippines.....	48.0	58.8	67.1	83.4
Somalia.....	3.4	4.2	4.8	6.3	Singapore.....	2.4	2.6	2.8	3.1
Uganda.....	12.4	15.5	18.1	24.6	Thailand.....	45.1	54.7	62.1	76.1
Tanzania.....	16.9	21.1	24.8	33.8	Vietnam.....	49.9	58.7	65.6	79.4
Zambia.....	5.3	6.6	7.8	10.4	Middle So. Asia ²	910.0	1,078.4	1,209.4	1,481.8
Zimbabwe.....	6.9	8.7	10.3	14.0	Afghanistan.....	20.9	25.2	28.7	36.7
Middle Africa ²	50.4	60.5	68.8	86.3	Bangladesh.....	83.5	102.8	118.7	153.3
Angola.....	6.7	8.1	9.2	11.9	India.....	663.1	775.7	881.6	1,036.7
Cameroon.....	8.1	9.5	10.7	13.1	Iran.....	35.8	44.3	51.1	65.4
Chad.....	4.3	5.1	5.8	7.4	Nepal.....	13.6	16.0	17.9	22.4
Zaire.....	26.8	32.5	37.0	46.4	Pakistan.....	77.3	96.5	112.1	145.0
Northern Africa ²	102.6	125.5	144.0	183.7	Sri Lanka.....	14.3	16.2	17.6	20.1
Algeria.....	17.4	22.2	26.5	36.0	Western So. Asia ²	92.8	112.9	129.1	164.1
Egypt.....	39.9	47.3	52.6	64.7	Iraq.....	12.2	15.5	18.2	24.3
Libya.....	2.7	3.6	4.3	5.8	Israel ⁴	3.8	4.4	4.8	5.6
Morocco.....	19.0	23.9	27.8	36.1	Jordan.....	3.0	3.8	4.4	5.9
Sudan.....	17.4	21.2	24.3	31.3	Lebanon.....	3.0	3.6	4.0	4.9
Tunisia.....	6.0	7.2	8.0	9.6	Saudi Arabia.....	7.9	9.8	11.5	15.6
Southern Africa ²	31.2	37.8	43.0	54.0	Syria.....	8.1	10.2	12.0	16.3
South Africa.....	27.7	33.6	38.1	47.8	Turkey.....	43.2	51.2	57.5	69.4
Western Africa ²	132.5	165.1	193.3	261.4	Yemen ⁵	5.6	8.9	10.2	13.3
Benin.....	3.3	4.1	4.8	6.5	Europe (excl. Soviet Union).....	480.2	492.4	501.2	520.2
Ghana.....	11.0	13.7	15.9	21.2	Eastern Europe.....	108.5	113.5	116.5	121.8
Guinea.....	4.8	5.7	6.5	8.2	Bulgaria.....	8.9	9.2	9.4	9.7
Ivory Coast.....	7.5	9.3	10.7	14.0	Czechoslovakia.....	15.1	15.8	16.2	17.2
Mali.....	6.3	7.6	8.8	11.6	German Dem. Rep.....	16.8	16.9	16.9	16.7
Niger.....	5.0	6.2	7.2	9.7	Hungary.....	10.7	10.9	11.0	11.3
Nigeria.....	72.2	91.2	107.8	148.9	Poland.....	35.1	37.6	39.0	41.2
Senegal.....	5.4	6.5	7.4	9.7	Romania.....	21.9	23.2	24.0	25.7
Togo.....	2.5	3.2	3.7	5.0	Northern Europe ²	81.8	82.2	82.8	84.5
Upper Volta.....	6.6	7.9	9.1	11.8	Denmark.....	5.1	5.1	5.2	5.3
Latin America.....	349.4	420.6	478.4	608.1	Finland.....	4.8	4.9	5.0	5.1
Caribbean ²	29.5	33.5	36.5	43.1	Ireland.....	3.2	3.5	3.7	4.0
Cuba.....	9.7	10.7	11.4	12.7	Norway.....	4.1	4.1	4.2	4.4
Dominican Rep.....	5.7	6.7	7.5	9.3	Sweden.....	8.2	8.3	8.9	8.5
Haiti.....	5.5	6.6	7.5	9.9	United Kingdom.....	56.0	55.8	55.9	56.7
Jamaica.....	2.1	2.4	2.5	2.9	Southern Europe ²	137.2	143.7	148.1	156.3
Middle America ²	86.9	109.2	128.1	172.4	Albania.....	2.6	3.1	3.4	3.9
El Salvador.....	4.5	5.6	6.5	8.7	Greece.....	9.2	9.6	9.9	10.4
Guatemala.....	6.8	8.4	9.7	12.7	Italy.....	56.6	58.0	59.0	61.0
Honduras.....	3.4	4.4	5.1	7.0	Portugal.....	9.7	10.3	10.7	11.5
Mexico.....	65.4	82.8	97.6	132.3	Spain.....	36.7	39.0	40.5	43.4
Nicaragua.....	2.6	3.2	3.8	5.2	Yugoslavia.....	21.9	23.3	24.1	25.6
Temperate South America.....	40.0	43.8	46.4	51.2	Western Europe ²	152.7	153.0	153.8	157.6
Argentina.....	26.4	28.7	30.2	32.9	Austria.....	7.5	7.5	7.5	7.6
Chile.....	10.7	12.1	13.1	14.9	Belgium.....	9.9	10.1	10.3	10.8
Uruguay.....	2.9	3.0	3.2	3.5	France.....	53.2	54.3	55.2	57.3
Tropical South America ²	192.8	234.1	267.4	341.4	Germany, Fed. Rep. of.....	61.4	60.0	59.4	59.5
Bolivia.....	5.3	6.3	7.2	9.3	Netherlands.....	13.9	14.4	14.7	15.5
Brazil.....	119.5	145.1	165.7	212.5	Switzerland.....	6.4	6.3	6.3	6.4
Colombia.....	25.6	30.4	34.3	42.5	Soviet Union.....	261.6	279.6	291.6	311.8
Ecuador.....	7.5	9.4	11.0	14.6	Oceania ²	22.1	24.4	26.2	29.6
Paraguay.....	2.9	3.5	4.1	5.3	Australia.....	14.2	15.3	16.1	17.8
Peru.....	16.8	20.4	23.2	29.5	New Zealand.....	3.2	3.5	3.7	4.0
Venezuela.....	14.0	17.5	20.2	25.7	Papua New Guinea.....	2.9	3.5	4.0	5.0
Northern America.....	242.2	258.5	270.5	289.5					
Canada.....	23.5	25.5	26.8	29.0					
United States.....	218.5	232.9	243.5	260.4					
East Asia.....	1,107.9	1,203.6	1,274.5	1,405.9					
China: Mainland.....	933.0	1,015.0	1,076.4	1,189.6					
Japan.....	114.7	119.7	122.8	128.9					

¹ Regions. ² Includes countries not shown separately. ³ Includes West Iran. ⁴ Includes Jerusalem and Israeli residents in Gaza Strip and West Bank. ⁵ Covers Peo. Dem. Rep. of Yemen and Yemen Arab Rep.

**NO. 1575. POPULATION UNDER AGE 15, GROWTH, BIRTH, DEATH, AND INFANT MORTALITY
RATES, AND LIFE EXPECTANCY, FOR THE 75 MOST POPULOUS COUNTRIES**

[Growth rate: Annual increase (or decrease) to the population resulting from a surplus or deficit of births over deaths and a surplus or deficit of migrants into or out of the country, expressed as a percentage of the base population. Crude birth rate: Number of births during 1 year per 1,000 persons (based on midyear population). Crude death rate: Number of deaths during 1 year per 1,000 persons (based on midyear population). Infant mortality rate: Number of deaths of children under 1 year of age per 1,000 live births in a calendar year. Life expectancy at birth: Number of years to be lived by persons born in a certain year if mortality rates for each age group remain constant in the future. Minus sign (—) denotes decrease]

COUNTRY	POPULATION UNDER 15 YEARS		Growth rate of population, 1978 (per- cent)	Crude birth rate, 1978	Crude death rate, 1978	INFANT MORTALITY		EXPECTATION OF LIFE AT BIRTH	
	Year or period	Per- cent of total popu- lation				Year or period	Rate	Year or period	Both sexes (yr.)
United States	1970	28	.8	15	9	1977	14	1977	73
Alghanistan.....	1972-73	45	1.8-2.5	50-53	28-32	1972-73	217-235	1972-73	35-39
Algeria.....	1977	48	3.2	46	14	1977	127	1977	55
Angola.....	1960	42	1.2-1.4	46-48	23	(x)	(NA)	(x)	(NA)
Argentina.....	1970	29	1.6	26	9	1977	45	1969-70	66
Australia.....	1977	27	1.2	16	8	1977	12	1977	73
Austria.....	1978	22	—1	11	13	1978	15	1977	72
Bangladesh.....	1974	46	2.5-3.0	44-48	17-20	1969-74	153	1969-74	46
Belgium.....	1978	21	—	12	12	1978	12	1968-72	71
Brazil.....	1970	44	2.2-2.4	31-33	8-9	1974-75	84	1974-75	60
Bulgaria.....	1978	22	—2	15	10	1978	22	1974-76	71
Burma.....	1973	40	2.3-2.5	38-39	14	(x)	(NA)	(x)	(NA)
Cameroon.....	1960-65	41-42	2.5-2.6	45-46	20	1976	157	1976	44
Canada.....	1976	26	.9	15	7	1977	12	1971	73
Chile.....	1970	38	1.4-1.6	21-23	7	1975	61	1969-70	62
China:									
Mainland.....	1953	36	1.4-1.7	21-26	7-9	(x)	(NA)	(x)	(NA)
Taiwan.....	1975	36	2.0	25	5	1977	25	1977	70
Colombia.....	1973	45	2.1	31	8	1973	77	1973	59
Cuba.....	1975	37	1.2	18	6	1977	25	1970	70
Czechoslovakia.....	1978	24	.7	18	12	1978	19	1977	70
Ecuador.....	1974	44	3.0-3.1	41-42	10	1965-70	115	1965-70	61
Egypt.....	1976	40	2.7	39	11	1975	90	1965-67	53
Ethiopia.....	1971	45	2.2-2.6	43-52	20-26	1964-70	155-200	1964-70	36-44
France.....	1979	23	.4	14	10	1978	11	1976	73
German Dem. Rep.....	1978	20	—	14	14	1978	13	1976	72
Germany, Fed. Rep. of.....	1978	20	—1	9	12	1978	15	1975-77	72
Ghana.....	1970	46	3.1-3.4	44-48	13-14	1970	115	1970	49
Greece.....	1978	23	1.1	16	9	1978	20	1970	72
Guatemala.....	1973	44	3.0-3.2	41-42	10-11	1976	76	1970-72	53
Hungary.....	1979	21	.3	16	13	1978	24	1977	70
India.....	1971	41	1.9	33-34	15	1969	134	1969	47
Indonesia.....	1971	43	2.0-2.1	34-36	15	1975	114	1975	46
Iran.....	1976	44	2.8	41	11	1973-76	112	1973-76	57
Iraq.....	1976	48	3.3-3.4	46-48	12-14	(x)	(NA)	(x)	(NA)
Italy.....	1979	23	.4	13	10	1978	17	1970-72	72
Ivory Coast.....	1955-58	43	3.3-3.5	46-48	18	(x)	(NA)	(x)	(NA)
Japan.....	1980	24	.9	15	6	1977	9	1977	76
Kenya.....	1969	48	4.0	53-54	14	1977	83	1977	53
Korea, Dem. Peo. Rep. of.....	(x)	(NA)	3.2	43	11	(x)	(NA)	(x)	(NA)
Korea, Rep. of.....	1975	39	1.5-1.7	22-24	6	1970	47	1970	64
Madagascar.....	1975	44	2.5-2.6	47-48	22	(x)	(NA)	(x)	(NA)
Malaysia.....	1970	45	2.4-2.5	31-33	8	(x)	(NA)	1970	60
Mali.....	1960-61	44	2.6-3.1	49-55	23-24	1960-61	210	1960-61	35
Mexico.....	1970	48	2.7	36	8	1972-74	70	1969-71	60
Morocco.....	1971	46	2.8-3.0	42-44	13-14	1972	162	1972	51
Mozambique.....	1970	45	2.7-3.4	41-47	18-19	(x)	(NA)	(x)	(NA)
Nepal.....	1971	40	2.4-2.5	44-45	20	1974-76	133	1974-76	43
Netherlands.....	1978	24	.6	13	8	1978	9	1977	75
Nigeria.....	1953	44	2.9-3.4	49-51	17-20	1965-66	178	1970-73	41
Pakistan.....	1972	44	2.8-2.9	44-45	16-17	1971	142	1962-65	48
Peru.....	1972	44	2.5-2.7	36-39	12	1970-75	130	1970-75	55
Philippines.....	1970	46	2.2-2.6	32-37	10	1970	80	1970	58
Poland.....	1977	24	.9	19	9	1978	22	1975-76	71
Portugal.....	1978	26	.5	16	10	1975	39	1975	70
Romania.....	1978	26	.9	19	10	1977	31	1975-77	70
Saudi Arabia.....	(x)	(NA)	4.4-6.7	49	18	(x)	(NA)	(x)	(NA)
South Africa.....	1970	42	2.1	35-37	12-13	1970	93-101	1965-70	57

See footnotes at end of table.

NO. 1575. POPULATION UNDER AGE 15, GROWTH, BIRTH, DEATH, AND INFANT MORTALITY RATES, AND LIFE EXPECTANCY, FOR THE 75 MOST POPULOUS COUNTRIES—Continued

[See headnote p. 901]

COUNTRY	POPULATION UNDER 15 YEARS		Growth rate of population, 1978 (per-cent)	Crude birth rate, 1978	Crude death rate, 1978	INFANT MORTALITY		EXPECTATION OF LIFE AT BIRTH	
	Year or period	Per-cent of total population				Year or period	Rate	Year or period	Both sexes (yr.)
Soviet Union.....	1978	25	.9	18	10	1974	28	1971-72	70
Spain.....	1976	27	1.1	17	8	1978	15	1970	72
Sri Lanka.....	1971	39	1.7	28	7	1974	53	1970-72	64
Sudan.....	1973	43	3.6-3.8	48-49	17-18	1968-73	141	1968-73	45
Sweden.....	1978	20	.2	11	11	1978	8	1977	75
Switzerland.....	1978	21	.1	11	9	1978	9	1976-77	75
Syria.....	1970	49	3.4	41-44	9	1974	81	1974-78	62
Tanzania.....	1967	44	2.7-3.0	45-49	16-18	1973	120-130	1973	45-49
Thailand.....	1970	44	2.1-2.5	28-34	7-9	1974-75	76	1974-75	61
Turkey.....	1975	40	2.3-2.4	34-36	11-12	1974-75	119	1974-75	58
Uganda.....	1969	46	3.0-3.4	46-50	15-18	1969	120	1969	46
United Kingdom.....	1978	22	-	12	12	1977	14	1974-76	73
Upper Volta.....	1975	46	2.3	50	27	1960-61	190-243	1960-61	32
Venezuela.....	1971	45	3.3	36	6	1975-77	45	1971	65
Vietnam.....	(x)	(NA)	¹ 2.1-3.0	¹ 40-44	¹ 15-19	(x)	(NA)	(x)	(NA)
Yugoslavia.....	1979	25	.9	17	9	1978	34	1974-75	69
Zaire.....	1955-58	39-42	3.1-3.9	43-48	17-19	1955-58	165-177	1955-58	37-40
Zimbabwe.....	1969	46	2.2	47-50	15-16	(x)	(NA)	(x)	(NA)

- Represents zero. NA Not available. X Not applicable. ¹ 1976 data.

Source: U.S. Bureau of the Census, *World Population: 1979—Recent Demographic Estimates for the Countries and Regions of the World*, forthcoming; and unpublished data.

NO. 1576. ESTIMATED NET MIGRATION FOR SELECTED COUNTRIES OF NORTH AMERICA, EUROPE, AND OCEANIA: 1950 TO 1974

[Except as noted, net migration was calculated by subtracting natural increase (number of births minus number of deaths) from total population change during the period. Minus sign (-) denotes net out-migration]

COUNTRY	NUMBER (1,000)			AVERAGE ANNUAL RATE PER 1,000 POPULATION		
	1950-1960	1960-1970	1970-1974	1950-1960	1960-1970	1970-1974
United States.....	2,981	3,832	1,406	1.8	2.0	1.7
Australia.....	831	881	236	9.0	7.7	4.6
Austria.....	-141	38	67	-2.0	.5	2.2
Belgium.....	59	152	67	.7	1.6	1.7
Bulgaria.....	-163	-15	-32	-2.2	-.2	-.9
Canada.....	1,105	697	389	6.9	3.6	4.4
Czechoslovakia.....	-	-174	-9	-	-1.2	-.2
Denmark.....	-52	20	22	-1.2	.4	1.1
Finland.....	-73	-164	13	-1.7	-3.6	.7
France.....	1,080	2,177	505	2.5	4.5	2.4
German Dem. Rep.....	-2,056	-433	-21	-11.6	-2.5	-.3
Germany, Fed. Rep. of.....	2,546	2,047	1,439	4.8	3.5	5.9
Greece.....	-196	-364	-91	-2.5	-4.3	-2.6
Hungary.....	-164	9	-	-1.7	.1	-
Ireland.....	-397	-161	-12	-13.7	-5.6	-1.0
Italy.....	-1,166	-792	-44	-2.4	-1.5	(-2)
Netherlands.....	-142	92	104	-1.3	.8	2.0
New Zealand.....	102	43	65	4.8	1.7	5.6
Norway.....	-14	4	12	-.4	.1	.8
Poland.....	-220	-306	-57	-.8	-1.0	-.4
Portugal.....	-562	-1,234	-273	-7.7	-14.0	-7.8
Romania.....	-138	-112	-39	-.8	-.6	-.2
Spain.....	-826	-551	-316	-2.8	-1.7	-2.3
Sweden.....	93	204	7	1.3	2.6	.2
Switzerland.....	296	398	37	5.9	6.8	1.5
United Kingdom.....	-57	-181	-125	-.2	-.3	-.6
Yugoslavia.....	-582	-700	-350	-3.3	-3.6	-4.3

- Represents zero. Z Less than .05

Source: United Nations, Dept. of Economic and Social Affairs, *World Population Trends and Policies, 1977 Monitoring Report*, vol. 1, 1979.

NO. 1577. ILLITERATE POPULATION 15 YEARS OLD AND OVER, BY REGION: 1970 AND PROJECTIONS TO 1980 AND 1990

[In millions, except percent. Illiteracy is defined as the inability both to read and write. See text, p. 884, for general comments concerning the data. See table 1574 for country components of regions]

REGION	1970			1980			1990		
	Total adults	Illiterate adults		Total adults	Illiterate adults		Total adults	Illiterate adults	
		Number	Percent		Number	Percent		Number	Percent
World ^{1 2}	1,753	569	32.5	2,165	627	28.9	2,660	683	25.7
Africa	197	139	70.6	257	156	60.6	341	168	49.1
Latin America	162	46	28.1	218	44	20.3	291	40	13.7
Northern America	162	2	1.0	190	1	.5	207	1	.5
East Asia ¹	101	3	3.4	118	3	2.4	135	2	1.8
South Asia ²	600	358	59.6	789	402	51.0	1,048	451	43.0
Europe	345	15	4.3	375	12	3.1	398	10	2.5
Soviet Union	173	1	.5	203	1	.5	220	1	.5
Oceania	13	1	9.9	16	1	8.3	19	2	8.3

¹ Excludes People's Republic of China and Democratic People's Republic of Korea. ² Excludes Vietnam.

Source: United Nations Educational, Scientific, and Cultural Organization, Paris, France, *Estimates and Projections of Illiteracy*, CSR-E-29, 1978.

NO. 1578. EDUCATION AND ILLITERACY, BY COUNTRY

[Teachers and students: Data cover both public and private schools for school year beginning in year stated and exclude adult education and correspondence schools. Expenditures: Include both capital and current expenditures on public education and subsidized private education converted to U.S. dollars at par values of exchange rates then in effect. Illiteracy: Defined as inability both to read and write in any, or a specified, language. See text, p. 884, for general comments concerning the data. For additional qualifications for individual countries, see source]

COUNTRY	Year	1ST LEVEL ¹		2D LEVEL ²		PUBLIC EXPENDITURE FOR EDUCATION				Illiterate population, 1980: Percent of population, 15 years old and over
		Teachers (1,000)	Students enrolled (1,000)	Teachers (1,000)	Students enrolled (1,000)	Year	Total (mil. dol.)	Percent of—		
								Total public expenditure	Gross national product	
United States	1976	^a 1,293	^a 25,928	^a 1,116	^a 20,355	1976	110,700	17.7	6.0	.5
Afghanistan	1976	20	748	⁴ 7	195	1974	33	(NA)	1.3	88.7
Algeria	1976	⁵ 70	2,785	⁶ 23	615	1976	⁷ 673	⁷ 11.0	⁷ 4.4	58.2
Angola	1972	13	516	5	79	1972	^a 48	^a 11.9	^a 2.2	(NA)
Argentina	1977	202	3,620	175	1,326	1976	^b 797	^b 7.7	^b 1.6	6.7
Australia	1976	¹⁰ 82	1,611	77	1,114	1975	5,735	14.4	6.3	.5
Austria	1976	¹¹ 62	493	(¹²)	771	1976	2,300	8.3	5.7	.5
Bangladesh	1976	172	9,483	¹³ 99	2,317	1975	106	11.7	1.4	58.6
Belgium	1976	48	924	(NA)	850	1976	^b 4,272	^b 20.5	^b 6.2	.5
Brazil	1974	887	19,287	156	1,682	1976	3,152	(NA)	2.3	24.5
Bulgaria	1976	49	981	27	337	1976	845	(NA)	¹⁴ 5.4	5.6
Burma	1976	¹⁵ 74	3,476	¹¹ 23	¹¹ 890	1976	66	14.4	1.7	30.3
Cameroon	1977	(NA)	1,193	(NA)	182	1976	101	(NA)	4.6	44.8
Canada	1976	¹² 256	2,373	(¹²)	¹³ 2,582	1976	14,757	(NA)	7.8	.5
Chile	1978	¹⁶ 66	2,233	¹⁶ 30	511	1975	^a 165	^a 12.0	^a 3.7	7.5
China: Mainland	1977	(NA)	140,000	(NA)	60,000	1980	3,200	(NA)	(NA)	(NA)
Colombia	1977	128	4,161	80	1,616	1976	^b 299	^b 21.0	^b 1.9	13.7
Cuba	1976	81	1,748	56	716	1974	890	(NA)	9.9	(NA)
Czechoslovakia	1976	93	1,882	25	329	1976	3,165	(NA)	¹⁴ 4.5	(NA)
Ecuador	1977	¹⁷ 37	1,298	¹⁷ 29	¹⁷ 473	1971	52	19.8	3.3	18.7
Egypt	1975	118	4,121	79	2,108	1976	780	(NA)	5.4	45.7
Ethiopia	1974	¹⁸ 19	959	¹⁸ 7	¹⁸ 192	1975	^a 81	(NA)	^a 2.3	95.2
France	1976	258	4,566	331	4,946	1976	20,224	(NA)	¹⁹ 5.8	.5
German Dem. Rep.	1977	¹² 20 161	2,481	(¹²)	500	1974	^a 4,254	^a 7.6	^a 14.5	(NA)
Germany, Fed. Rep. of	1977	¹⁶ 269	6,014	¹⁶ 314	¹³ 3,493	1975	21,682	10.6	5.2	.5
Ghana	1976	⁶ 41	⁶ 1,213	⁶ 27	⁶ 577	1976	^b 330	(NA)	^b 4.2	55.2
Greece	1975	¹⁷ 31	¹⁷ 937	¹³ 17 19	¹⁷ 678	1974	^c 343	^c 8.0	^c 1.8	12.0
Guatemala	1975	18	627	¹⁷ 18 6	¹⁷ 122	1976	73	13.2	1.7	47.3
Hungary	1976	68	1,072	23	366	1976	2,370	(NA)	¹⁴ 4.6	4.7

See footnotes at end of table.

No. 1578. EDUCATION AND ILLITERACY, BY COUNTRY—Continued

[See headnote, p. 903]

COUNTRY	Year	1ST LEVEL ¹		2D LEVEL ²		PUBLIC EXPENDITURE FOR EDUCATION			Illiterate population, 1980: Percent of population, 15 years old and over	
		Teachers (1,000)	Students enrolled (1,000)	Teachers (1,000)	Students enrolled (1,000)	Year	Total (mil. dol.)	Percent of—		
								Total public expenditure		Gross national product
India	1977	1,354	70,150	¹³ 1,506	¹³ 26,344	1975	2,355	(NA)	2.7	59.7
Indonesia	1977	²⁰ 619	19,783	²⁰ 238	²⁰ 3,833	1976	²¹ 601	²¹ 8.9	²¹ 1.4	33.1
Iran	1976	167	4,769	96	2,357	1976	3,702	14.1	5.4	53.4
Iraq	1976	71	1,952	22	600	1976	692	6.9	4.3	56.2
Italy	1976	¹⁶ 253	4,742	(NA)	5,058	1975	8,684	11.7	5.0	5.2
Ivory Coast	1975	15	673	²² 3	119	1975	264	35.3	7.4	58.8
Japan	1977	¹⁶ 417	10,820	519	9,528	1975	27,468	22.6	5.5	.5
Kenya	1976	89	2,895	12	289	1974	⁹ 157	⁹ 20.5	⁹ 5.7	50.4
Korea, Dem. Peo. Rep. of	1976	(NA)	2,562	(NA)	(NA)	(X)	(NA)	(NA)	(NA)	(NA)
Korea, Rep. of	1977	113	5,514	91	3,546	1976	⁹ 839	(NA)	(NA)	7.3
Madagascar	1978	24	1,311	¹³ ¹⁶ 5	¹³ ¹⁶ 132	1975	58	(NA)	3.1	(NA)
Malaysia	1977	⁶ ²³ 51	⁵ ²³ 1,609	²⁴ 31	²⁴ 853	1976	575	(NA)	(NA)	27.9
Mali	1975	6	252	¹³ 3	55	1975	27	26.9	4.7	89.9
Mexico	1976	275	12,148	193	3,241	1976	3,300	(NA)	4.3	16.1
Morocco	1976	⁶ 40	1,668	²⁶ 22	529	1976	518	14.4	6.0	74.4
Mozambique	1972	8	578	3	55	1972	⁹ 26	6.6	(NA)	72.5
Nepal	1977	23	769	12	309	1975	21	12.0	1.5	82.7
Netherlands	1976	53	1,448	¹³ ¹⁶ 48	1,331	1975	7,172	(NA)	8.7	.5
Nigeria	1973	(NA)	4,890	(NA)	568	1974	956	(NA)	4.3	70.1
Pakistan	1975	131	5,294	109	2,032	1976	282	5.1	2.1	67.5
Peru	1977	75	3,020	35	969	1976	498	16.3	3.6	18.5
Philippines	1976	¹⁶ 262	7,854	¹⁶ 73	2,436	1976	²¹ 248	²¹ 8.0	²¹ 1.4	11.3
Poland	1977	²⁰ 202	4,137	¹³ ²⁰ 32	1,677	1975	⁹ 15,185	7.6	(NA)	.6
Portugal	1976	¹⁶ 39	¹⁶ 922	55	785	1975	581	(NA)	3.7	19.9
Romania	1975	145	¹⁷ 3,020	49	1,091	1976	3,366	(NA)	(NA)	4.0
Saudi Arabia	1975	35	¹⁷ 686	16	223	1976	3,960	10.6	9.9	83.8
South Africa	1972	²⁶ 120	²⁶ 4,653	(¹³)	(²⁶)	1968	⁹ 103	⁹ 5.1	(NA)	20.7
Soviet Union	1976	¹² 2,500	34,333	(¹³)	10,951	1976	38,658	12.7	¹⁴ 7.5	.5
Spain	1976	²⁷ 198	3,624	¹⁶ ²⁸ 38	3,382	1974	²¹ 1,440	²¹ 11.0	²¹ 1.7	7.2
Sri Lanka	1977	⁶ 51	⁹ 1,492	²² 63	²² 970	1976	96	9.8	3.1	(NA)
Sudan	1976	34	1,218	⁴ 13	307	1974	²⁰ 196	²⁰ 14.8	²⁰ 5.5	78.4
Sweden	1976	38	698	¹¹ 55	¹¹ 532	1976	5,718	13.3	7.7	.5
Switzerland	1977	(NA)	502	(NA)	444	1976	3,063	18.6	5.2	.5
Syria	1976	40	1,316	³⁰ 2	512	1976	371	8.7	5.8	45.0
Tanzania	1976	⁵ 38	⁵ 1,956	4	68	1976	117	15.5	4.4	52.5
Thailand	1976	(NA)	6,811	¹³ 34	1,259	1976	646	20.8	4.1	14.2
Turkey	1974	160	5,378	¹⁸ 57	¹⁸ 1,517	1972	869	(NA)	5.3	34.8
Uganda	1976	⁵ 30	⁵ 1,037	⁵ 3	⁵ 67	1975	⁹ 69	⁹ 17.0	⁹ 3.0	52.1
United Kingdom	1975	³¹ 286	5,725	¹³ 309	5,154	1974	12,882	14.0	6.2	.5
Upper Volta	1976	3	149	(NA)	18	1976	⁹ 15	22.0	(NA)	95.4
Venezuela	1976	³¹ 94	2,204	47	710	1975	1,453	(NA)	5.4	17.7
Vietnam	1976	217	7,723	128	3,201	(X)	(NA)	(NA)	(NA)	(NA)
Yugoslavia	1976	³ 61	³ 1,461	³ ³² 1	³ 2,312	1976	1,923	(NA)	5.4	13.0
Zaire	1974	(NA)	3,429	(NA)	446	1973	⁹ 154	20.3	5.5	42.1
Zimbabwe	1976	22	863	¹³ 4	81	1973	⁹ 92	15.8	3.5	29.2

NA Not available. X Not applicable. ¹ Schools providing basic instruction in the tools of learning; length of this education may vary from 4 to 9 years among countries. Excludes nursery school and kindergarten. ² Middle, secondary, or high schools providing general or specialized instruction more advanced than primary level. ³ Includes special education. ⁴ Covers general and vocational education only. ⁵ Public and aided schools only. ⁶ Covers public education only. ⁷ Ministry of Education expenditure for 1st and 2d level. ⁸ Current expenditure only. ⁹ Ministry of Education expenditure only. ¹⁰ Includes preprimary classes, upgraded, special, and correspondence courses. ¹¹ For 1974. ¹² Data on general education at 2d level are included with 1st level. ¹³ Covers general education only. ¹⁴ Percent of net material product. ¹⁵ For 1972. ¹⁶ For 1975. ¹⁷ Includes evening schools. ¹⁸ For 1973. ¹⁹ Percent of gross domestic product. ²⁰ For 1976. ²¹ Central or Federal Government expenditure only. ²² Covers public general education only. ²³ Covers West Malaysia only. ²⁴ Covers vocational and public general education only. ²⁵ Covers teacher-training and public general education only. ²⁶ Data on 2d level are included with 1st level. ²⁷ Some data for 2d level are included with 1st level. ²⁸ Covers vocational education only. ²⁹ Includes private expenditures. ³⁰ Covers teacher-training and vocational education only. ³¹ Includes preprimary education. ³² Covers teacher-training education only.

Source: Statistical Office of the United Nations, New York, N.Y., *Statistical Yearbook* (copyright); and United Nations Educational, Scientific, and Cultural Organization, Paris, France, "Estimates and Projections of Illiteracy", CSR-E-29.

No. 1579. HOUSING AND HEALTH, BY COUNTRY

[Housing: Data generally intended to refer to conventional (permanent) dwellings only. For some countries, however, data include nonpermanent structures, improvised shelters, and mobile trailers, or, as noted, refer to housing units and to household accommodation (the space occupied by a private household) rather than to dwellings. Health: Hospital data refer to hospitals and other medical establishments with beds but exclude old people's homes and establishments for custodial or preventive care only; personnel data refer to persons fully qualified from medical or dental schools and working within the country. See text, p. 894, for general comments concerning the data. For additional qualifications of data for individual countries, see source.]

COUNTRY	Year	DWELLINGS			Year	HEALTH					
		Occupied (1,000)	Percent with 1—			Number	Beds (1,000)	Popu- lation per bed	Physicians, number	Per- sons per phy- sician (1,000)	Dentists, number
			Piped water ²	Electric lighting							
United States ^a	1970	63,450	⁴ 97.5	(NA)	1976	7,271	1,381.3	155	⁵ 348,443	.6	⁶ 112,000
Algeria ⁷	1966	1,792	22.7	33.7	1976	(NA)	44.6	387	3,475	4.9	643
Australia ⁸	1971	3,671	(NA)	98.4	1972	2,297	160.6	81	17,972	.7	(NA)
Austria ⁹	1972	2,460	87.8	(NA)	1976	(NA)	84.9	88	⁸ 16,941	.4	⁸ 1,412
Belgium	1970	3,223	88.0	100.0	1976	(NA)	87.7	111	⁹ 19,872	.5	⁹ 2,463
Brazil	1973	19,402	33.8	55.6	1974	4,741	391.1	264	¹⁰ 62,473	1.6	(NA)
Canada	1976	7,009	98.5	(NA)	1975 ¹¹	1,371	208.9	108	40,130	.6	9,487
Chile	1970	(NA)	¹² 59.6	(NA)	1976	287	37.7	277	4,750	2.2	1,391
China: Tai- wan ¹³	1975	2,671	(NA)	(NA)	1978	9,310	36.6	464	¹⁴ 12,485	1.4	¹⁵ 1,772
Costa Rica	1973	⁷ 315	81.0	68.8	1975	43	7.5	261	1,293	1.5	360
Czechoslova- kia	1970	4,239	78.1	99.7	1976	416	150.5	99	¹⁶ 36,858	.4	¹⁶ 6,532
Denmark	1970	1,801	⁴ 98.7	(NA)	1970 ¹¹	296	47.7	103	9,900	.5	4,412
Finland	1970	1,419	72.1	95.6	1976	(NA)	72.4	65	¹⁴ 7,068	(NA)	¹⁴ 3,471
France	1975	17,494	¹⁶ 97.3	¹⁷ 98.8	1976 ¹⁸	3,539	540.8	97	¹⁸ 77,882	¹⁹ 7	¹⁹ 25,272
German Dem. Rep.	1971	²⁰ 5,933	82.1	100.0	1976	571	180.5	93	32,097	.5	8,108
Germany, F. R.	1972	20,966	99.2	99.9	1976	3,436	726.8	84	122,075	.5	31,858
Greece	1971	2,483	²¹ 65.0	²¹ 88.3	1976	724	58.6	156	19,340	.5	6,160
Guatemala ¹⁶	1973	935	25.4	28.5	1973 ²²	159	12.1	457	1,208	4.3	244
Hungary	1973	3,209	44.0	94.3	1976	213	92.4	114	24,053	.4	2,979
India ²³	1971	92,494	(NA)	(NA)	1973 ¹¹	15,265	392.0	1,465	154,000	4.0	9,400
Indonesia ²⁴	1971	¹⁶ 22,471	¹⁶ 2.2	63.5	1975	1,115	83.7	1,625	8,279	16.4	2,100
Iran	1966	(NA)	²⁰ 13.1	²⁰ 25.4	1974 ²⁵	535	49.2	650	11,373	2.8	1,846
Israel	1974	817	(NA)	(NA)	1976 ²⁶	86	19.8	178	¹⁴ 9,143	.4	¹⁴ 1,789
Italy	1971	15,301	86.1	99.0	1974	2,073	583.6	94	¹⁴ 114,244	(NA)	(NA)
Jamaica	1970	420	21.6	(NA)	1974	34	²⁶ 7.8	257	570	3.5	107
Japan	1968	24,198	94.9	(NA)	1976	²⁷ 8,379	²⁷ 1,184.7	95	133,416	.8	43,336
Korea, Rep. of	1975	4,636	²⁸ 35.2	²⁸ 49.9	1976	187	25.5	1,406	¹⁴ 17,848	(NA)	¹⁴ 2,744
Mexico ²⁹	1970	8,286	38.7	58.9	1974	1,575	67.4	863	¹⁰ 31,571	(NA)	¹⁰ 1,879
Morocco	1971	²⁹ 880	²⁹ 64.8	²⁹ 81.5	1976	132	24.1	739	1,806	11.1	145
Netherlands	1971	3,660	⁴ 96.9	(NA)	1976	(NA)	138.9	99	22,913	.6	4,068
New Zealand	1976	939	(NA)	(NA)	1977 ¹¹	333	31.8	97	4,090	.8	1,073
Nicaragua ³	1971	305	27.9	40.9	1976	67	4.7	474	1,356	1.6	237
Norway ³	1970	1,297	97.5	(NA)	1976	885	58.7	68	7,126	.6	3,930
Panama	1970	277	26.1	52.4	1976 ¹⁸	69	6.4	268	1,251	1.3	222
Philippines	1967	(NA)	³² 34.4	³² 22.9	1973 ¹⁸	813	62.9	639	13,480	3.2	4,241
Poland	1970	8,081	47.3	96.2	1976	1,188	264.6	129	55,772	.6	15,436
Romania	1966	5,250	12.3	48.6	1976	(NA)	198.4	108	28,588	.8	6,519
Soviet Union	1965	²⁰ 31,000	(NA)	(NA)	1976	(NA)	3,076.0	83	³⁰ 864,600	.3	³⁰
Spain	1970	9,542	77.6	(NA)	1974 ¹¹	1,261	185.2	190	¹⁴ 64,597	.5	¹⁴ 3,703
Sri Lanka ³	1971	2,217	4.4	9.0	1976 ³¹	461	41.1	334	3,251	4.0	280
Sweden	1975	3,320	98.3	(NA)	1975	699	123.7	66	14,050	.6	7,060
Switzerland	1970	2,012	(NA)	(NA)	1976	474	72.4	87	12,118	.5	3,600
Turkey	1970	(NA)	⁴ 35.9	41.1	1976	881	86.2	476	23,388	1.8	5,379
United King- dom ³²	1971	16,455	(NA)	(NA)	1974	(NA)	²⁶ 420.9	117	64,600	.8	³³ 14,200
Venezuela	1971	²⁰ 1,844	³⁴ 53.3	³⁴ 76.8	1976	386	36.1	342	14,211	.9	3,674
Yugoslavia	1971	4,935	⁷ 34.0	87.9	1975 ¹¹	490	127.6	167	27,150	.8	⁹ 5,588

NA. Not available. ¹ Computed on basis of occupied dwellings where available; otherwise on total dwellings.

² Inside only. ³ Housing data refer to housing units. ⁴ Either inside or outside. ⁵ Excludes osteopaths. ⁶ 1975 data. ⁷ Housing data exclude semi permanent dwellings. ⁸ Stomatologists and odontologists included with physicians. ⁹ Includes non-university level dentists. ¹⁰ Personnel in hospitals only. ¹¹ Personnel data are for 1976. ¹² Data refer to households. ¹³ Source: U.S. Bureau of the Census. Data from Republic of China, *Statistical Yearbook of the Republic of China*. ¹⁴ Registered personnel. Data for Taiwan includes Chinese herb doctors. ¹⁵ Includes assistants. ¹⁶ Housing data refer to households in housing units. ¹⁷ 1968 data. ¹⁸ Personnel data are for 1975. ¹⁹ Includes overseas departments. ²⁰ Data refer to living quarters. ²¹ Households in dwellings. ²² Personnel data are for 1971. ²³ Housing data include Indian-held part of Jammu and Kashmir. ²⁴ Housing data exclude rural population of Western Iran. ²⁵ Personnel data are for 1973. ²⁶ Government establishments only. ²⁷ Incomplete data. ²⁸ 1970 data. ²⁹ Urban areas only. ³⁰ Dentists included with physicians. ³¹ Personnel data are for 1972. ³² England and Wales. ³³ Personnel in government service. ³⁴ Housing units, excluding units not intended for habitation but in use for that purpose.

Source: Except as noted, Statistical Office of the United Nations, New York, N.Y., *Statistical Yearbook*. (Copyright.)

NO. 1580. SUICIDE RATES, PERSONS 15 YEARS OLD AND OVER, FOR SELECTED COUNTRIES, BY SEX AND AGE GROUP: 1978

[Rate per 100,000 population. Includes deaths resulting indirectly from self-inflicted injuries]

COUNTRY	MALES					FEMALES				
	Total	15-24 yr.	25-44 yr.	45-64 yr.	65 and over	Total	15-24 yr.	25-44 yr.	45-64 yr.	65 and over
United States	25.0	20.0	24.0	25.3	38.0	8.1	4.7	8.9	10.5	7.5
Austria	47.2	31.4	40.7	55.3	71.3	17.8	9.1	12.0	21.6	27.6
Belgium ¹	28.4	11.4	19.0	33.3	65.6	14.4	3.8	10.6	19.9	22.2
Denmark	36.0	12.2	31.7	50.5	50.3	23.7	6.0	19.7	35.4	30.3
France ¹	29.8	13.5	22.6	35.4	61.3	11.5	4.6	8.4	13.8	19.7
Germany, Fed. Rep.	37.7	23.8	34.9	42.0	56.6	18.4	9.6	13.6	22.6	26.6
Ireland ²	9.7	8.2	11.4	10.9	6.5	4.1	1.2	5.4	5.9	2.7
Japan	29.2	19.2	26.7	30.4	54.2	17.3	9.9	12.6	16.2	45.5
Netherlands	14.5	8.1	12.5	17.1	27.3	10.7	3.1	9.8	15.2	15.0
Norway	22.7	18.1	20.6	27.5	24.5	7.7	6.3	8.2	10.3	4.8
Portugal ²	18.9	5.2	12.9	27.9	41.5	5.5	3.4	3.4	6.8	10.6
Sweden	33.1	19.2	30.1	38.4	43.8	14.7	8.2	13.7	17.7	16.8
Switzerland	43.5	32.6	37.3	51.1	61.3	17.8	11.3	14.9	22.0	23.0
United Kingdom ³	12.9	6.3	12.3	15.2	18.4	7.9	3.7	5.6	10.8	10.8

¹ 1976 data. ² For 1975. ³ For 1977. England and Wales only. Excludes Northern Ireland and Scotland.

Source: World Health Organization, Geneva, Switzerland, *World Health Statistics*, annual.

NO. 1581. GROSS DOMESTIC PRODUCT OF SELECTED COUNTRIES AS PERCENT OF UNITED STATES: 1950 TO 1978

[Comparisons are based on constant (1975) dollar data converted to U.S. dollars using 1975 exchange rates. See text, p. 435]

COUNTRY	GROSS DOMESTIC PRODUCT								PER CAPITA GROSS DOMESTIC PRODUCT							
	1950	1960	1965	1970	1975	1976	1977	1978	1950	1960	1965	1970	1975	1976	1977	1978
United States	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
Canada	7	8	9	11	11	10	10	80	84	86	91	101	100	98	97	97
France	15	17	18	20	22	22	21	55	69	73	83	90	90	88	88	88
Germany, F.R.	16	26	26	28	28	27	27	26	52	84	87	94	95	96	95	94
Italy	18	10	11	13	13	13	12	12	127	38	40	48	48	48	47	46
Japan	² 10	15	19	29	33	33	33	34	² 18	28	37	57	63	63	63	64
United Kingdom	18	17	16	15	15	15	14	14	53	58	56	56	57	57	55	55

¹ Based on 1951 data. ² Based on 1952 data.

Source: U.S. Bureau of Economic Analysis. Adapted from *Long Term Economic Growth, 1860-1970*, using data from the Organization for Economic Cooperation and Development.

NO. 1582. TAX REVENUES—SELECTED COUNTRIES: 1970 TO 1977

[Covers national and local taxes and social security contributions. GDP=Gross domestic product; see text, p. 435]

COUNTRY	TAX REVENUE (bil. dol.)				AS PERCENT OF GDP				TAX REVENUE PER CAPITA (dol.)			
	1970	1975	1976	1977	1970	1975	1976	1977	1970	1975	1976	1977
United States	287.7	436.3	473.0	556.0	30.1	30.2	29.3	30.3	1,404	2,043	2,199	2,564
Australia	9.5	27.7	30.1	29.7	25.9	29.7	30.0	29.7	763	2,014	2,165	2,110
Austria	5.2	14.8	15.8	18.9	36.1	39.3	38.5	39.3	698	1,962	2,078	2,507
Belgium	9.1	25.8	28.2	34.0	35.3	41.2	41.6	42.9	945	2,635	2,876	3,456
Canada	27.1	55.6	66.0	66.0	32.0	33.1	32.5	32.0	1,269	2,480	2,864	2,831
Denmark	6.4	15.4	17.3	19.5	40.3	40.6	41.7	42.0	1,296	3,050	3,403	3,822
Finland	3.4	10.0	11.9	12.4	33.1	37.6	41.7	41.2	744	2,120	2,515	2,625
France	50.4	126.8	138.2	151.0	35.4	37.5	39.5	39.6	988	2,406	2,613	2,845
Germany, F.R.	61.0	149.9	163.7	196.2	32.8	35.8	36.8	38.2	1,006	2,425	2,660	3,196
Greece	2.4	5.0	6.2	7.4	24.0	24.2	27.6	28.1	272	557	678	794
Italy	28.0	55.7	61.2	73.6	30.3	31.8	35.4	37.6	521	997	1,089	1,304
Japan	41.4	108.1	126.3	158.5	19.6	20.9	21.8	22.2	385	969	1,120	1,392
Netherlands	12.6	37.9	41.3	49.3	39.8	45.9	45.9	46.3	968	2,778	2,998	3,557
New Zealand	1.7	4.2	4.2	4.9	27.8	31.7	31.8	34.5	615	1,376	1,340	1,560
Norway	4.4	12.8	14.5	17.0	39.3	44.9	45.2	47.5	1,132	3,186	3,594	4,204
Portugal	1.4	3.7	4.2	4.4	23.1	24.8	27.1	27.2	160	379	430	453
Spain	6.4	20.5	21.2	26.0	17.2	20.0	20.3	22.5	188	574	585	710
Sweden	13.3	32.0	37.8	41.8	40.5	46.3	50.9	53.4	1,656	3,899	4,595	5,061
Switzerland	5.0	16.1	17.8	19.1	23.8	29.7	31.3	31.5	799	2,510	2,802	3,018
United Kingdom	46.0	84.1	80.5	89.4	37.9	37.0	36.6	36.6	829	1,500	1,437	1,599

Source: Organisation for Economic Co-operation and Development, Paris, France, *Revenue Statistics of OECD Member Countries*, annual.

Gross National Product

907

NO. 1583. GROSS NATIONAL PRODUCT, IN CURRENT AND CONSTANT (1977) DOLLARS AND PER CAPITA: 1970 TO 1978

[In billions of dollars, except as indicated. For explanation of conversion to U.S. dollars, see headnote, table 1599. For explanation of gross national product (GNP), see text, p. 435]

COUNTRY	CURRENT DOLLARS						CONSTANT (1977) dollars					
	1970	1974	1975	1976	1977	1978	1970	1975	1978	Per capita (dol.)		
										1970	1975	1978
United States	985.8	1,419.8	1,537.0	1,709.4	1,896.1	2,117.7	1,522.7	1,711.4	1,971.5	7,426	7,997	9,002
Afghanistan	1.6	2.2	2.6	2.8	3.1	3.5	2.4	2.8	3.3	198	210	226
Algeria	8.7	13.2	15.0	17.0	19.2	21.9	13.4	16.7	20.4	969	1,042	1,157
Argentina	25.9	40.1	43.3	44.7	50.3	51.9	40.1	48.2	48.4	1,683	1,891	1,804
Austria	23.2	36.1	38.9	43.4	47.5	51.8	35.8	43.3	48.2	4,833	5,772	6,430
Bangladesh	(x)	4.3	4.9	5.8	6.2	7.2	(x)	5.5	6.7	(x)	69	78
Belgium	40.2	62.7	67.3	75.0	80.3	88.1	62.0	74.9	82.0	6,396	7,646	8,371
Brazil	55.5	112.2	129.2	147.8	163.5	186.8	85.7	143.9	173.9	895	1,325	1,493
Bulgaria	10.8	16.0	19.0	20.7	21.7	24.0	16.7	21.1	22.3	1,970	2,425	2,533
Burma	2.1	2.9	3.4	3.7	4.2	4.8	3.2	3.7	4.4	119	122	135
Canada	91.8	146.6	162.6	180.8	196.1	217.7	141.9	181.1	202.6	6,660	7,976	8,623
Chile	8.5	12.0	11.6	12.6	14.6	16.5	13.2	12.9	15.4	1,402	1,263	1,438
China:												
Mainland	157.7	262.5	308.0	323.6	370.2	444.2	243.6	343.0	413.5	287	359	412
Taiwan	7.3	13.1	14.6	17.2	19.7	23.8	11.3	16.3	22.2	775	1,013	1,297
Colombia	8.3	13.8	15.6	17.2	19.1	22.2	12.8	17.4	20.6	597	721	803
Cuba	4.7	6.0	6.3	(NA)	(NA)	(NA)	7.2	7.0	(NA)	837	756	(NA)
Czechoslovakia	33.0	48.0	54.2	57.8	64.1	69.8	50.9	60.3	65.0	3,562	4,074	4,303
Egypt	5.0	7.0	8.5	11.0	13.4	16.0	7.8	9.5	14.9	235	257	373
Ethiopia	1.7	2.5	2.8	3.0	3.3	3.7	2.7	3.1	3.4	105	107	109
France	188.7	289.5	317.9	350.3	382.1	422.9	291.4	354.0	393.7	5,736	6,177	7,385
German Dem. Rep.	37.4	54.3	61.7	66.4	72.7	80.0	57.8	68.7	74.5	3,381	4,067	4,432
Germany, F.R.	290.1	414.3	445.0	494.8	537.1	596.4	448.1	495.5	555.2	7,381	8,017	9,056
Ghana	8.7	12.8	13.4	13.3	14.3	15.5	13.5	14.9	14.5	1,529	1,447	1,269
Greece	12.4	19.0	22.0	24.6	27.0	30.8	19.1	24.5	28.7	2,173	2,722	3,049
Hungary	15.5	22.2	24.9	26.2	29.4	32.5	24.0	27.7	30.2	3,226	2,641	2,823
India	52.4	70.2	84.0	89.8	101.5	114.1	81.0	93.5	106.2	146	151	162
Indonesia	17.2	29.5	34.0	39.1	44.4	50.8	26.5	37.9	47.3	215	276	326
Iran	26.1	53.4	60.3	70.5	75.3	74.4	40.4	67.1	69.3	1,396	2,016	1,898
Iraq	6.4	10.8	14.7	16.7	19.2	23.6	9.9	16.4	22.0	1,040	1,460	1,757
Italy	105.2	154.5	163.0	181.5	195.4	214.1	162.4	181.5	199.3	3,024	3,252	3,515
Japan	312.1	498.4	554.0	620.2	692.0	785.0	482.2	616.9	730.8	4,622	5,527	6,360
Kampuchea .....	.7	.6	.6	(NA)	(NA)	(NA)	1.0	.7	(NA)	144	90	(NA)
Kenya	1.9	3.0	3.4	3.7	4.3	4.8	3.0	3.8	4.4	265	278	292
Korea, Dem. Rep.	3.7	7.1	8.4	8.5	9.0	10.4	5.7	9.3	9.7	398	563	534
Korea, Rep. of	11.6	20.9	24.5	29.4	34.4	41.6	17.9	27.3	38.7	543	742	1,005
Madagascar	1.1	1.4	1.6	1.6	1.8	1.9	1.8	1.8	1.8	257	230	223
Malaysia	4.8	8.5	9.6	11.1	12.6	14.6	7.5	10.6	13.6	686	858	1,020
Mexico	34.4	54.7	62.1	66.1	72.2	80.8	53.1	69.1	75.2	1,060	1,177	1,172
Morocco	4.4	6.9	8.3	9.7	10.8	12.2	6.8	9.2	11.4	425	505	573
Mozambique	(x)	(x)	1.8	1.9	2.0	2.1	(x)	2.0	1.9	(x)	224	195
Nepal .....	.8	1.0	1.2	1.3	1.4	1.5	1.2	1.3	1.4	99	98	100
Netherlands	53.3	79.9	86.0	94.8	102.8	112.7	82.4	95.7	104.9	6,337	6,988	7,550
Nigeria	15.6	27.4	30.1	35.3	39.5	44.5	24.1	33.5	41.4	428	510	573
Pakistan	7.8	11.1	13.0	14.1	15.2	17.7	12.0	14.5	16.5	182	193	201
Peru	6.2	9.9	11.3	11.9	12.1	13.1	9.6	12.5	12.2	708	808	731
Philippines	8.6	14.2	16.4	18.3	20.6	23.5	13.3	18.3	21.9	355	424	470
Poland	43.2	71.8	82.4	90.2	98.2	109.6	66.8	91.7	102.0	2,054	2,697	2,923
Portugal	8.3	13.6	14.0	15.4	17.2	19.1	12.8	15.5	17.8	1,420	1,653	1,816
Romania	24.4	41.0	46.9	55.7	61.1	69.4	37.7	52.3	64.6	1,856	2,464	2,951
South Africa	19.3	29.9	33.5	35.8	37.9	41.3	29.8	37.3	38.4	1,325	1,482	1,412
Soviet Union	553.2	835.9	943.5	1,029.9	1,123.4	1,256.5	854.5	1,050.5	1,169.7	3,516	4,135	4,481
Spain	54.6	90.3	99.3	106.3	115.1	125.6	84.3	110.5	116.9	2,495	3,121	3,185
Sri Lanka	1.2	1.7	2.0	2.1	2.3	2.8	1.9	2.2	2.6	154	159	181
Sudan	2.7	4.4	4.9	5.3	5.9	5.8	4.2	5.5	5.4	308	346	305
Sweden	46.7	64.5	71.1	75.6	77.8	85.4	72.1	79.2	79.5	9,012	9,657	9,575
Switzerland	38.7	55.2	55.6	58.0	63.1	68.5	59.8	62.0	63.8	9,490	9,687	10,121
Syria	2.4	4.5	5.6	6.3	6.7	7.5	3.7	6.2	7.0	592	840	851
Tanzania	1.5	2.4	2.7	3.0	3.4	3.8	2.4	3.0	3.6	179	193	212
Thailand	7.5	12.4	14.6	16.6	18.7	21.8	11.6	16.2	20.3	313	383	448
Turkey	19.3	32.8	38.8	43.9	48.3	53.7	29.8	43.2	50.0	833	1,063	1,144
Uganda	2.3	3.1	3.2	3.4	4.0	4.4	3.6	3.6	4.1	367	312	318
United Kingdom	140.1	197.2	210.8	230.3	245.3	271.4	216.5	234.7	252.7	3,900	4,190	4,519
Venezuela	15.0	23.6	27.9	31.7	35.8	41.0	23.2	31.0	38.2	2,170	2,449	2,710
Vietnam ¹	1.4	1.3	1.3	7.2	(NA)	(NA)	2.2	1.4	(NA)	98	58	(NA)
Yugoslavia	21.1	33.9	38.6	42.3	48.2	55.3	32.6	43.0	51.5	1,597	2,008	2,340
Zaire	2.9	4.5	4.7	4.7	4.8	5.0	4.5	5.2	4.7	206	208	172

NA Not available. X Not applicable. ¹ Beginning 1976, includes former Republic of South Vietnam.Source: U.S. Arms Control and Disarmament Agency, *World Military Expenditures and Arms Transfers*, annual. Data from International Bank for Reconstruction and Development and U.S. Central Intelligence Agency.

NO. 1584. GROSS DOMESTIC PRODUCT—PERCENT DISTRIBUTION BY TYPE OF EXPENDITURE AND KIND OF ECONOMIC ACTIVITY

[In percent. In general, "Agriculture" includes forestry, hunting, and fishing; "Industrial activity" covers mining, manufacturing, electricity, gas and water; and "Other" comprises financing, insurance, real estate, and business services; community, social, and personal services; and public administration and defense. Data by kind of economic activity do not add to 100 percent for some countries because import duties are excluded in the reported industrial groups. Unless otherwise stated, data are calculated on the former System of National Accounts (see Yearbook of National Account Statistics)]

COUNTRY	Year	TYPE OF EXPENDITURE				KIND OF ECONOMIC ACTIVITY							
		Final consumption expenditure		Increase in stocks ¹	Gross fixed capital formation	Exports	Less imports	Agriculture	Industrial activity	Construction	Wholesale and retail trade	Transport and communications	Other
		Govt.	Private										
United States ²	1977	18	65	1	17	8	10	3	29	5	18	6	37
Algerianistan	1977 ³	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	49	17	8	12	3	1
Algeria	1976	14	46	1	46	33	40	8	39	13	11	7	15
Argentina	1975	10	71	(2)	21	7	10	12	36	4	10	8	23
Australia ²	1976 ⁴	16	58	1	23	16	16	5	25	7	13	5	30
Australia ²	1977	17	57	2	27	35	39	5	33	9	16	5	22
Bangladesh	1976 ⁴	9	80	(2)	19	6	13	54	8	5	9	6	17
Belgium	1977	17	62	(2)	21	47	48	2	30	8	12	8	34
Bolivia ²	1975	11	70	6	18	21	26	18	25	4	19	8	26
Brazil	1977	9	69	8	22	8	8	10	26	5	13	4	25
Bulgaria	1977	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	18	51	9	10	9	3
Burma	1977 ⁷	91	2	2	8	5	6	47	10	1	29	3	10
Canada ²	1977	20	57	(2)	23	24	24	4	25	6	10	7	37
Chile	1977	12	80	9	9	17	19	10	27	2	29	4	28
Colombia	1975	7	75	-1	18	15	15	27	24	5	18	5	21
Czechoslovakia	1977	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	10	61	12	14	3	(2)
Denmark ²	1977 ⁹	24	56	(2)	23	29	33	6	21	10	15	8	26
Dominican Republic	1977	9	77	3	20	21	25	21	23	7	17	6	26
Ecuador ²	1977	21	64	3	26	26	28	20	29	6	13	5	22
Egypt	1977	21	61	4	24	20	31	24	23	4	11	7	20
Ethiopia	1975 ¹⁰	13	80	10	10	12	16	44	11	4	9	5	19
France ²	1977	15	62	1	23	21	22	5	30	7	13	5	31
German Dem. Rep.	1977	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	10	61	8	15	6	32
Germany, Fed. Rep. of ²	1977	20	56	1	12	20	23	3	41	7	9	4	16
Ghana ²	1974	12	77	1	21	21	23	51	14	5	13	7	26
Greece	1977	16	67	1	23	16	25	15	20	8	12	7	12
Guatemala	1977 ¹¹	6	74	2	20	24	26	28	14	2	32	4	21
Haiti ²	1976 ⁷	95	(2)	(2)	12	18	25	41	15	4	10	2	27
Hungary	1977	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	16	47	12	18	6	2
India ²	1976 ¹²	10	71	3	19	11	(NA)	36	18	5	11	5	14
Indonesia	1977	11	67	19	19	22	19	31	30	5	(13)	4	13
Iran	1976 ³	21	38	(2)	30	11	11	9	48	9	5	3	23
Iraq	1975	51	27	9	27	58	45	7	63	2	5	4	17
Italy ²	1976	14	64	3	20	27	28	8	35	14	7	6	26
Ivory Coast ²	1977	13	54	2	25	42	36	23	13	7	(NA)	7	(NA)
Japan ²	1976	10	58	1	31	14	13	5	32	8	16	7	30

	1966	17	70	3	16	8	13	41	17	28
Kampuchea	1966	17	58	(z)	21	35	32	34	13	4
Kenya ²	1977	17	52	1	26	36	36	21	10	15
Korea, Republic of	1977	12	68	1	26	36	36	21	6	18
Madagascar	1974	16	74	2	18	22	22	15	3	11
Malawi	1973	13	74	4	19	25	34	49	4	12
Malaysia ²	1977 ¹⁴	17	52	1	23	50	42	28	23	4
Mexico ²	1976	13	65	2	22	10	9	9	6	13
Morocco	1975	16	71	(z)	26	27	41	24	24	31
Nepal	1975 ¹⁵	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	67	1	19
Netherlands ²	1977 ⁹	18	58	2	21	50	49	32	7	5
Nigeria	1975 ¹²	13	52		31	35	32	26	38	13
Pakistan	1976 ⁴	11	78	1	18	10	17	31	11	6
Peru ²	1977 ¹⁶	14	74	1	15	16	20	13	5	13
Philippines	1977	11	64	6	24	19	23	28	7	15
Poland	1977	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	16	12	4
Portugal	1976	14	81	2	17	17	30	13	34	2
Romania	1977	(NA)	(NA)	1	30	70	36	1	61	13
Saudi Arabia ²	1976	25	13	-1	30	70	36	1	11	(13)
South Africa ² ¹⁷	1977	15	56	-1	26	30	24	8	38	6
Soviet Union	1977	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	17	52	13
Spain ²	1977 ⁵	10	69	23	15	15	17	9	30	19
Sri Lanka ²	1977	11	72	-1	15	24	21	39	14	16
Sudan ²	1974 ⁴	14	77	3	14	12	21	39	11	13
Sweden ²	1977	28	54	-1	20	30	30	4	27	18
Switzerland	1977	13	64	(z)	21	37	34	(NA)	7	9
Syria	1977	20	62	(NA)	40	22	44	19	(NA)	(NA)
Thailand	1977	11	68	1	25	22	22	26	22	24
Turkey ²	1973 ¹⁶	14	69	1	18	9	11	27	21	5
Uganda ²	1971	88		(z)	16	19	23	53	10	13
United Kingdom ²	1977 ¹⁶	21	59	1	18	31	30	3	6	9
Upper Volta ²	1974	9	81	5	26	15	37	42	12	8
Venezuela ²	1977	15	51	3	36	29	35	6	39	15
Vietnam ¹⁸	1976	25	80	9	9	13	30	29	7	10
Yemen Arab. Rep. ²	1972	13	92	8	27	7	47	35	6	18
Yugoslavia	1976	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	17	40	22
Zaire ²	1975	25	61	-6	26	28	40	19	22	10
Zambia ²	1976	25	43	-6	32	42	36	13	35	6
Zimbabwe	1977	17	62	3	17	2	15	29	3	11

NA Not available. Z Less than .5 percent. Minus sign (—) denotes decrease.
 Year 1. Economic activity data for 1975. Economic activity data for 1977. Year ending Sept. 30. Gas and water included in other. Economic activity data for 1970. Year beginning ending July 7. Economic activity data for 1973. Year beginning April 1. Wholesale and retail trade included in other. Economic activity data for 1971. Year ending July 15. Economic activity data for 1976. Data are for former Republic of South Vietnam.
 Source: Statistical Office of the United Nations, New York, N.Y., *Statistical Yearbook* (Copyright).

NO. 1585. ORGANIZATION FOR ECONOMIC COOPERATION AND DEVELOPMENT (OECD)—GROSS NATIONAL PRODUCT, 1975 TO 1979, AND CHANGE, 1974-1979 AND 1978-1979

COUNTRY	GROSS NATIONAL PRODUCT (GNP)					GNP PER CAPITA					Inflation rate, ³ 1978-1979 (per cent)
	Total in constant (1979) dollars (bil.) ¹			Annual percent change ²		In constant (1979) dollars ¹			Annual percent change ²		
	1975	1978	1979	1974-1979	1978-1979	1975	1978	1979	1974-1979	1978-1979	
United States	1,989.0	2,315.5	2,368.8	3.3	2.3	9,336	10,619	10,739	2.4	1.1	8.8
OECD Europe ⁴	2,706.6	2,981.8	3,071.9	2.3	2.3	7,051	7,646	7,830	1.8	2.4	10.2
Belgium	99.3	108.9	112.2	2.1	3.0	10,133	11,067	11,391	1.9	2.9	4.5
Luxembourg ⁵	3.6	3.9	4.0	2	2.5	9,917	10,694	10,972	2	2.6	4.5
Denmark	57.2	62.9	64.5	2.4	2.5	11,304	12,333	12,598	2.1	2.2	9.0
France	496.7	553.3	569.9	2.8	3.0	9,409	10,385	10,656	2.4	2.6	10.3
Germany, F.R.	648.3	728.5	759.8	2.8	4.3	10,485	11,882	12,387	3.0	4.3	3.8
Ireland	12.5	14.4	14.9	3.8	3.3	3,931	4,351	4,421	2.3	1.6	11.5
Italy	278.0	306.6	318.9	2.1	4.0	4,979	5,407	5,604	1.5	3.6	15.5
Netherlands	132.9	147.3	152.1	2.5	3.3	9,736	10,567	10,841	1.8	2.6	4.5
United Kingdom	361.6	392.4	394.3	1.6	.5	6,470	7,030	7,054	1.6	.3	14.3
Austria	58.6	64.9	68.4	2.7	5.3	7,793	8,642	9,108	2.8	5.4	4.0
Finland	37.3	38.1	40.8	2.0	7.3	7,919	8,021	8,554	1.7	6.7	8.5
Greece	31.7	37.0	38.3	5.1	3.5	3,503	3,953	4,057	4.1	2.6	16.0
Iceland	2.0	2.3	2.3	2.9	2.5	9,182	10,364	10,174	2.0	-1.8	40.0
Norway	37.7	43.0	44.2	4.1	2.8	9,402	10,591	10,860	3.7	2.5	6.5
Portugal	16.7	19.3	19.9	2.7	3.0	1,771	1,969	2,016	1.1	2.4	23.0
Spain	179.6	193.6	196.5	2.0	1.5	5,045	5,264	5,294	.9	.6	15.8
Sweden	97.1	98.4	102.4	1.2	4.0	11,856	11,884	12,337	.9	3.8	8.0
Switzerland	96.5	97.7	98.0	-1.1	.3	15,055	15,410	15,457	-7	.3	3.5
Turkey	59.3	69.3	70.5	5.3	1.7	1,470	1,604	1,591	2.7	-8	68.0
Australia	105.8	113.7	119.1	2.9	4.8	7,683	7,979	8,259	1.7	3.5	6.0
Canada	190.1	213.3	219.3	3.1	2.8	8,363	9,077	9,257	2.0	2.0	8.5
Japan	823.8	971.9	1,030.2	5.1	6.0	7,384	8,459	8,891	4.0	5.1	3.3
New Zealand	20.3	19.4	19.5	-5	.3	6,612	6,238	6,290	-1.0	.8	16.5

¹ National currency values converted into dollars by the average 1979 Par Rate/Market Rate, as published by the International Monetary Fund, Washington, D.C. ² Minus sign (-) denotes decrease. ³ GNP or GDP (Gross Domestic Product) implicit price deflators; totals weighted by 1978 (base year) GNP data, in 1978 prices. ⁴ See text, p. 894.

⁵ Gross domestic product. ⁶ Estimate.

Source: U.S. Department of State, Bureau of Intelligence and Research, *Economic Growth of OECD Countries, 1969-1979*, Report No. 1330, 1980, and unpublished data.

NO. 1586. ORGANISATION FOR ECONOMIC CO-OPERATION AND DEVELOPMENT (OECD)—

SELECTED DATA: 1975 TO 1979

[Base for index, 1975=100. Imports c.i.f., except as noted; exports f.o.b. See text, pp. 883 and 884]

COUNTRY	INDUSTRIAL PRODUCTION INDEX				AVERAGE MONTHLY IMPORTS (mil. dol.)				AVERAGE MONTHLY EXPORTS (mil. dol.)			
	1976	1977	1978	1979	1975	1977	1978	1979	1975	1977	1978	1979
United States	111	117	124	129	8,078	12,321	14,441	17,261	8,971	10,014	11,972	15,150
OECD	109	113	118	124	48,948	63,828	73,886	(NA)	47,317	59,592	71,487	(NA)
Australia	105	104	105	112	1,832	1,020	1,168	1,378	992	1,105	1,197	1,554
Austria	106	110	112	120	783	1,184	1,331	1,682	627	816	1,011	1,286
Belgium	109	109	111	116	2,559	3,354	2,430	(NA)	2,401	3,124	3,734	(NA)
Canada	106	109	115	120	2,830	3,295	3,630	4,460	2,692	3,463	3,846	4,661
Denmark	(NA)	(NA)	(NA)	(NA)	861	1,105	1,230	1,538	726	839	987	1,218
Finland	102	102	105	114	635	635	654	942	459	640	713	929
France	109	110	113	(NA)	4,520	5,874	6,807	8,906	4,351	5,293	6,372	8,165
Germany, F.R.	107	110	113	119	6,184	8,392	10,056	13,146	7,502	9,828	11,841	14,293
Greece	111	113	121	128	443	565	630	(NA)	191	227	278	(NA)
Iceland	(NA)	(NA)	(NA)	(NA)	41	51	57	69	26	43	54	66
Ireland	109	118	129	(NA)	317	449	584	820	268	366	474	598
Italy	112	112	114	121	3,197	3,963	4,697	6,410	2,902	3,753	4,663	6,011
Japan	111	116	123	133	4,822	5,901	6,612	9,150	4,646	6,708	8,129	8,530
Luxembourg	106	107	108	(NA)	(²)	(²)	(²)	(NA)	(²)	(²)	(²)	(NA)
Netherlands	106	107	108	111	2,929	3,800	4,406	5,601	2,870	3,640	4,168	5,302
Norway	108	105	116	115	806	1,073	952	1,144	800	726	837	1,121
Portugal	103	117	125	(NA)	319	413	431	(NA)	162	169	203	(NA)
Spain	108	119	122	(NA)	1,355	1,481	1,556	2,115	640	850	1,089	1,516
Sweden	99	94	93	100	1,504	1,676	1,708	2,378	1,451	1,590	1,810	2,294
Switzerland	101	106	106	109	1,109	1,492	1,971	2,442	1,080	1,462	1,947	2,206
Turkey	(NA)	(NA)	(NA)	(NA)	387	477	379	474	117	145	190	206
United Kingdom	103	108	111	115	4,438	5,308	6,549	8,569	3,646	4,793	5,973	7,568
Yugoslavia	(NA)	(NA)	(NA)	(NA)	641	746	815	(NA)	339	407	463	(NA)

NA Not available. ¹ Imports f.o.b. ² Luxembourg included with Belgium.

Source: Organisation for Economic Co-operation and Development, Paris, France, *Main Economic Indicators*, monthly, and *Statistics of Foreign Trade* (series A), March 1980.

NO. 1587. WHOLESALE AND CONSUMER PRICES AND MONEY SUPPLY—INDEXES AND ANNUAL PERCENT CHANGES, BY COUNTRY

[1970=100, except as noted. See text, p. 894, for general comments concerning the data. Money supply as shown here is composed of currency plus demand deposits (M-1). For additional qualifications of the data for individual countries, see source. Minus sign (—) denotes decrease]

COUNTRY	Whole-sale prices, 1977	CONSUMER PRICES						MONEY SUPPLY			
		1977 ¹		Avg. annual percent change				Avg. annual percent change			
		Total	Food	1970-1975	1975-1979	1977-1978	1978-1979	1970-1975	1975-1979	1977-1978	1978-1979
United States	176	156	167	6.8	7.8	7.5	11.3	6.0	6.4	7.3	5.8
Argentina	19,412	18,050	² 4,506	72.2	238.6	175.5	159.5	62.6	211.4	142.8	125.4
Australia	³ 217	208	193	10.3	10.7	7.9	9.1	11.4	11.9	8.8	16.3
Austria	171	161	154	7.3	5.0	3.6	3.7	11.4	5.4	4.6	-2.9
Belgium	151	175	169	8.4	6.3	4.5	4.4	10.7	7.2	6.9	3.8
Bolivia	(NA)	288	316	22.5	10.7	10.4	19.7	26.4	19.5	13.5	13.8
Brazil	538	⁴ 357	⁴ 372	21.2	44.3	38.7	52.7	35.4	42.2	38.6	51.6
Burma	(NA)	274	291	18.4	5.2	-6.0	5.6	17.7	(NA)	6.9	(NA)
Canada	195	165	182	7.3	8.4	9.0	9.2	9.8	6.9	8.9	5.0
Chile	481,255	166,166	208,672	266.1	94.3	40.1	33.4	203.0	128.4	80.6	60.6
Colombia	448	365	448	17.9	24.0	17.8	24.6	19.2	29.9	28.0	25.0
Cyprus	⁴ 175	⁶ 148	⁶ 164	7.7	7.0	7.4	9.4	9.4	16.9	11.4	27.5
Denmark	189	189	202	9.3	10.0	10.1	9.6	9.7	12.0	10.6	13.4
Dominican Republic	187	⁷ 196	⁷ 185	11.0	8.4	3.5	9.2	18.5	8.8	15.9	11.6
Ecuador	(NA)	235	283	13.6	11.4	11.7	10.2	27.0	21.5	13.3	20.3
Egypt	⁸ 156	166	199	6.0	11.0	11.1	9.9	17.1	25.0	24.3	23.9
El Salvador	307	181	179	8.9	12.0	13.2	15.9	15.7	18.1	-1	12.0
Finland	233	227	248	11.8	10.5	7.5	7.5	20.7	12.5	11.3	16.5
France	⁹ 170	183	196	8.9	9.7	9.1	10.7	11.9	11.5	11.3	12.3
Germany, Fed. Rep. of	⁹ 144	146	144	6.1	3.7	2.8	4.1	10.3	10.0	13.8	7.5
Ghana	⁶ 10 278	¹⁰ 629	¹⁰ 876	17.1	75.0	73.1	54.4	23.6	50.5	74.5	29.8
Greece	250	227	246	12.6	14.3	12.5	19.0	18.7	19.1	19.4	19.7
Guatemala	198	¹¹ 124	¹¹ 122	8.7	10.7	7.9	11.5	15.5	23.6	11.1	14.1
Honduras	(NA)	154	171	6.4	7.1	6.2	9.0	9.1	21.6	14.1	17.3
India	185	174	172	11.9	2.4	2.5	6.3	12.9	16.7	20.1	13.0
Indonesia	⁷ 323	324	374	20.3	15.2	7.8	21.9	38.7	27.4	18.9	31.4
Iran	¹² 204	222	204	9.5	15.2	11.6	10.5	28.3	36.8	(NA)	48.1
Iraq	¹⁰ 157	¹³ 145	¹³ 145	6.3	(NA)	4.6	(NA)	21.2	(NA)	(NA)	(NA)
Ireland	140	250	264	13.3	13.1	7.6	13.2	11.6	21.1	24.2	24.0
Israel	561	522	570	24.8	48.7	50.6	78.3	25.7	32.3	37.5	34.0
Italy	278	237	240	11.5	15.2	12.1	14.7	17.4	22.0	23.8	23.9
Japan	168	204	209	11.7	6.2	3.8	3.6	19.4	10.5	10.8	9.9
Korea, Republic of	291	259	306	15.6	14.5	14.4	18.3	30.5	28.9	28.2	18.0
Libya	(NA)	138	107	4.2	(NA)	29.3	(NA)	30.0	27.3	23.5	24.4
Luxembourg	(NA)	166	167	7.2	6.1	3.1	4.6	(NA)	(NA)	(NA)	(NA)
Malaysia	(NA)	¹⁴ 153	¹⁴ 171	7.4	4.0	4.9	3.6	16.9	17.2	17.9	18.0
Mexico	289	264	267	12.3	20.1	17.4	18.2	17.0	(NA)	31.9	(NA)
Morocco	192	² 132	² 135	7.2	9.8	9.7	8.4	16.9	17.7	12.9	17.1
Netherlands	¹⁵ 180	176	163	8.7	5.9	4.1	4.2	12.7	8.6	5.3	3.0
New Zealand	230	218	217	10.3	14.3	11.9	13.8	15.2	9.3	8.0	14.1
Nicaragua	(NA)	² 123	² 125	(NA)	16.7	4.6	47.9	18.1	(NA)	1.6	(NA)
Norway	172	178	181	8.4	7.8	8.0	4.9	13.7	13.4	9.2	8.7
Pakistan	⁸ 255	⁷ 234	⁷ 247	17.2	8.4	6.7	9.5	13.2	21.9	18.5	23.1
Panama	217	¹¹ 109	¹¹ 104	7.3	5.2	4.2	7.9	13.9	14.5	15.5	18.5
Paraguay	(NA)	197	222	11.8	13.2	10.8	28.1	20.0	30.9	34.1	32.2
Peru	³ 16 106	³ 334	³ 369	12.8	49.0	57.8	66.7	28.7	34.3	34.2	59.6
Philippines	¹⁰ 193	⁴ 200	⁴ 196	18.1	10.1	7.6	18.8	18.6	16.2	16.5	11.9
Portugal	268	302	345	15.2	23.0	22.5	23.8	16.6	14.2	10.2	18.4
South Africa	230	¹⁷ 194	¹⁷ 203	9.3	11.5	10.2	13.2	13.8	7.6	6.0	15.3
Spain	223	259	260	12.1	18.8	19.8	15.6	20.1	18.6	18.9	13.8
Sri Lanka	² 146	147	149	7.5	6.3	12.1	10.7	9.0	23.1	19.8	17.8
Sweden	¹⁸ 188	180	193	8.0	9.7	9.9	7.3	12.1	12.0	14.7	13.9
Switzerland	132	149	141	7.7	2.0	.8	3.7	6.3	8.0	12.6	7.7
Syria	208	218	234	11.4	8.3	4.8	4.6	24.2	23.8	27.3	19.8
Thailand	194	173	193	10.1	7.4	7.9	9.9	13.1	14.2	15.0	16.6
Tunisia	162	145	148	5.2	6.5	6.2	7.8	18.3	13.0	15.1	15.0
Turkey	338	323	362	15.6	37.1	45.3	58.7	27.1	(NA)	35.7	(NA)
United Kingdom	¹⁹ 358	249	294	13.2	13.5	8.3	13.4	11.7	15.2	20.3	12.2
Uruguay	3,429	3,299	3,491	71.2	55.0	44.5	66.8	55.2	67.5	55.9	93.1
Venezuela	180	153	185	5.7	8.7	7.2	12.3	26.7	20.0	18.8	7.6
Yugoslavia	²⁰ 265	312	330	19.3	15.2	13.6	21.4	28.9	30.0	21.1	17.4
Zambia	184	²¹ 199	²¹ 208	7.2	16.2	16.2	9.9	8.4	12.3	-1.9	11.9

NA Not available. ¹ Source: Statistical Office of the United Nations, New York, N.Y. *Statistical Yearbook*, (copyright).
² 1974=100. ³ Building materials. ⁴ 1972=100. ⁵ Excludes exported goods. ⁶ For 1976. ⁷ 1971=100.
⁸ Year ending in June. ⁹ Industrial products. ¹⁰ Averages of less than 12 months. ¹¹ 1975=100. ¹² Year beginning March 21. ¹³ 1973=100. ¹⁴ Data refer to West Malaysia only. ¹⁵ Raw materials, including semiconductor goods. ¹⁶ For 1975. ¹⁷ White population. ¹⁸ Producers' goods. ¹⁹ Basic materials. ²⁰ Producers' prices of industrial products. ²¹ Low income group.

Source: Except as noted, International Monetary Fund, Washington, D.C., *International Financial Statistics*, monthly, with annual supplement.

NO. 1588. CONSUMER PRICE INDEXES FOR SELECTED ITEMS—SELECTED COUNTRIES: 1970 TO 1979

[1967 = 100. For percent increases in consumer prices, see table 809]

COUNTRY	TOTAL			FOOD ¹		CLOTHING		HOUSING ²		TRANSPORTATION	
	1970	1975	1979	1975	1979	1975	1979	1975	1979	1975	1979
United States.....	116.3	161.2	217.4	175.4	234.5	142.3	166.6	166.8	227.6	150.6	212.0
Australia.....	109.8	178.7	268.3	165.8	258.4	184.1	282.3	199.6	295.8	(NA)	(NA)
Austria.....	110.6	157.2	191.2	149.4	178.4	141.7	166.7	174.4	215.7	161.4	202.4
Canada.....	112.4	160.1	221.0	180.1	261.8	136.9	174.9	160.7	224.6	150.3	206.7
France.....	117.1	178.9	259.1	182.8	268.7	166.2	240.0	180.6	263.7	192.0	291.5
Germany, F.R.....	107.0	144.1	169.9	135.0	153.9	143.2	168.6	153.7	181.4	151.0	174.3
Italy.....	109.2	186.9	³ 332.7	185.2	³ 330.8	194.6	³ 359.6	173.6	³ 298.7	207.5	³ 384.5
Japan.....	119.3	204.5	261.5	220.9	271.9	217.5	269.1	174.3	212.9	170.2	287.3
Netherlands.....	115.5	175.3	³ 222.3	155.9	³ 187.8	190.6	³ 245.5	173.9	³ 225.3	167.8	³ 204.9
Sweden.....	112.0	164.3	238.0	189.5	253.0	141.9	183.8	177.0	261.1	(NA)	(NA)
United Kingdom.....	117.4	215.5	359.0	243.8	417.5	187.5	279.2	208.7	341.5	224.4	379.2

NA Not available. ¹ Restaurant meals, alcohol, and tobacco are included for some countries; excluded for others. ² Includes shelter, utilities, and household furnishings and operations. However, actual coverage and measurement methods vary significantly from country to country. ³ Preliminary.

NO. 1589. LABOR FORCE AND UNEMPLOYMENT—INTERNATIONAL COMPARISONS: 1970 TO 1979

[Data on basis of U.S. labor force definitions adopted in 1967 (see text, p. 392) except that minimum age for population base varies as follows: United States, France, Sweden, and, beginning 1973, Great Britain, 16 years; Australia, Canada, Japan, Germany, and, for 1970, Great Britain, 15 years; Italy, 14 years]

COUNTRY	CIVILIAN LABOR FORCE (millions)								PERCENT UNEMPLOYED							
	1970	1973	1974	1975	1976	1977	1978	1979	1970	1973	1974	1975	1976	1977	1978	1979
United States.....	82.7	88.7	91.0	92.6	94.8	97.4	100.4	102.9	4.9	4.9	5.6	8.5	7.7	7.0	6.0	5.8
Australia.....	5.5	5.9	6.0	6.2	6.2	6.4	6.4	6.5	1.6	2.3	2.7	4.9	4.8	5.6	6.3	6.2
Canada.....	8.9	9.3	9.7	10.0	10.2	10.5	10.9	11.2	5.7	5.5	5.3	6.9	7.1	8.1	8.4	7.5
France.....	20.8	21.4	21.6	21.6	21.8	22.0	22.1	22.4	2.6	2.8	3.0	4.3	4.7	5.0	5.5	6.1
Germany, F.R. ²	26.3	26.4	26.1	25.7	25.4	25.4	25.4	25.5	8	1.7	3.6	3.6	3.6	3.4	3.4	3.0
Great Britain.....	24.3	24.5	24.5	24.6	25.0	25.3	25.4	25.4	3.1	2.9	2.9	4.1	5.5	6.2	6.1	5.8
Italy.....	20.0	19.8	20.1	20.3	20.5	20.6	20.9	21.0	3.1	3.4	2.8	3.2	3.6	3.4	3.7	3.9
Japan.....	50.7	52.6	52.4	52.5	53.1	53.8	54.6	55.2	1.2	1.3	1.4	1.9	2.0	2.0	2.3	2.1
Sweden.....	3.9	4.0	4.0	4.1	4.1	4.2	4.2	4.3	1.5	2.5	2.0	1.6	1.6	1.8	2.2	2.1

¹ Preliminary estimates based on incomplete data. ² Federal Republic of Germany. Includes West Berlin.

Source of tables 1588 and 1589: U.S. Bureau of Labor Statistics, *Handbook of Labor Statistics*, annual.

NO. 1590. LABOR FORCE PARTICIPATION RATES, BY SEX, AND FEMALES AS PERCENT OF TOTAL LABOR FORCE FOR SELECTED COUNTRIES: 1960 TO 1980

COUNTRY	LABOR FORCE PARTICIPATION RATES ¹								FEMALES AS PERCENT OF TOTAL LABOR FORCE			
	Female				Male							
	1960	1970	1975	1980 ²	1960	1970	1975	1980 ²	1960	1970	1975	1980 ²
United States.....	42.6	48.9	53.1	59.1	91.7	87.1	85.3	85.4	32.3	36.7	39.1	41.6
Australia.....	33.1	45.1	49.3	³ 53.3	97.6	92.5	90.2	³ 89.2	24.4	31.9	34.5	36.7
Belgium.....	36.2	40.0	43.9	46.9	88.5	86.0	83.9	83.5	29.5	32.0	34.3	35.3
Canada.....	32.0	43.1	50.0	50.4	91.7	85.5	86.2	85.4	25.4	33.3	36.5	36.9
Denmark.....	43.5	58.0	63.5	67.5	99.5	91.8	89.8	88.5	30.9	38.6	41.2	42.8
France.....	46.4	48.2	50.5	52.6	93.8	87.2	84.4	83.0	33.4	35.4	37.1	38.4
Germany, Fed. Rep. of.....	49.2	48.1	48.5	49.2	94.4	92.5	85.7	84.6	37.3	35.9	37.2	37.2
Italy.....	37.1	29.6	30.7	32.0	92.2	83.1	81.2	80.1	29.5	26.8	28.0	28.9
Japan.....	60.0	55.3	51.7	51.6	92.2	89.3	89.6	90.3	40.7	39.3	37.3	37.1
Netherlands.....	26.3	30.3	32.0	33.7	93.2	87.3	81.9	79.5	22.0	25.5	27.7	29.2
Spain.....	23.6	28.9	32.5	36.3	98.7	92.8	87.6	85.3	20.1	24.4	27.2	30.3
Sweden.....	55.0	59.4	67.6	73.8	93.6	88.8	89.2	88.0	36.9	39.5	42.5	45.0
Turkey.....	70.7	60.8	53.2	60.0	99.9	98.3	92.8	91.3	40.8	38.4	35.2	39.1
United Kingdom.....	46.1	50.5	55.3	58.2	98.0	94.8	91.5	90.9	32.7	35.3	37.7	38.9
Yugoslavia.....	48.9	46.9	46.4	45.4	95.9	86.7	85.4	82.6	35.2	36.1	36.0	36.0

¹ Labor force of all ages as percent of population, 15-64 years old. ² Projected. Except as noted, data include estimates for net migration. ³ Excludes estimates for net migration. ⁴ Estimated.

Source: Organisation for Economic Co-operation and Development, Paris, France, *Demographic Trends 1950-1990*, 1979. (Copyright.)

NO. 1591. SELECTED INDEXES OF MANUFACTURING ACTIVITY—SELECTED COUNTRIES: 1970 TO 1979

[1967 = 100]

ITEM	United States	Canada	Belgium	Denmark ¹	France	Germany, F.R. ²	Italy	Japan	Netherlands	Sweden	United Kingdom
Output per hour:											
1970.....	105.0	114.7	129.5	129.3	121.2	116.1	121.7	146.5	134.0	123.5	110.0
1973.....	118.9	135.0	167.7	159.8	142.5	136.6	151.7	181.2	170.2	148.9	128.5
1974.....	113.0	137.2	176.9	165.1	146.6	145.0	159.7	181.7	184.3	153.9	128.1
1975.....	118.8	133.7	186.9	178.0	150.7	151.3	152.9	174.6	181.1	151.9	125.3
1976.....	124.0	140.4	204.4	191.4	163.6	160.3	165.9	188.7	199.1	152.9	129.2
1977.....	127.7	148.1	215.8	195.4	171.7	169.0	167.8	197.3	206.7	149.8	128.6
1978.....	128.2	155.0	228.1	203.2	180.2	174.7	172.9	212.9	217.3	158.9	130.1
1979 ³	129.2	156.3	(NA)	205.5	189.9	183.8	188.0	230.5	(NA)	172.0	133.0
Compensation per hour, national currency:⁴											
1970.....	122.3	124.0	131.2	145.0	131.6	133.5	145.7	164.0	146.2	130.2	132.3
1973.....	146.5	158.0	200.4	203.4	188.0	192.2	243.9	264.5	228.4	183.1	188.3
1974.....	161.7	181.9	243.2	244.9	226.0	221.8	303.9	347.1	272.2	213.5	232.4
1975.....	180.1	208.8	293.0	291.2	270.4	250.2	391.7	407.4	311.3	258.7	306.4
1976.....	198.1	238.3	325.6	324.5	309.6	268.5	469.2	440.6	348.7	310.5	359.0
1977.....	212.7	266.2	361.9	357.5	355.1	294.7	557.6	476.6	378.4	350.9	399.3
1978.....	229.9	285.4	385.8	394.3	399.8	316.8	638.8	500.8	406.4	392.0	461.8
1979 ³	250.8	312.8	(NA)	438.5	454.0	337.4	770.3	533.5	(NA)	424.5	530.4
Real hourly compensation:^{4 5}											
1970.....	105.2	110.4	118.5	121.8	116.7	125.1	133.2	137.5	125.6	115.2	112.0
1973.....	110.1	121.3	153.8	138.5	138.7	152.4	181.9	178.1	156.7	129.9	124.0
1974.....	109.5	125.9	165.6	144.7	146.6	146.6	189.8	189.7	170.3	138.1	131.9
1975.....	112.3	130.4	177.0	157.0	156.9	175.0	208.7	199.2	176.8	152.6	140.3
1976.....	115.0	138.5	180.2	160.5	163.9	180.0	214.6	196.9	182.0	165.4	140.9
1977.....	117.2	143.2	187.0	159.1	171.9	190.8	213.7	187.0	185.1	165.5	134.3
1978.....	117.6	140.9	190.8	159.4	177.4	200.1	216.7	198.6	191.0	172.7	143.1
1979 ³	115.3	141.5	(NA)	161.8	182.1	205.2	226.9	204.0	(NA)	175.3	145.0
Unit labor costs, national currency:											
1970.....	116.5	108.1	101.3	112.2	108.6	115.0	119.8	112.0	109.1	105.5	120.3
1973.....	123.2	117.0	119.4	127.3	131.9	140.7	160.8	146.0	134.2	123.0	146.6
1974.....	143.1	132.5	137.5	148.4	154.2	153.0	190.4	191.0	147.7	138.7	181.4
1975.....	152.4	156.2	156.8	163.6	179.4	165.4	256.2	233.4	171.9	170.4	244.6
1976.....	158.2	169.7	159.3	169.5	189.3	167.5	282.7	233.5	175.1	203.1	278.0
1977.....	166.6	179.8	167.7	182.9	206.8	174.3	332.3	241.6	183.1	234.2	310.5
1978.....	179.4	184.1	169.2	194.0	221.9	181.3	369.5	235.2	187.0	246.7	354.9
1979 ³	194.1	200.2	(NA)	213.4	239.1	183.6	409.7	231.5	(NA)	246.9	398.9
Unit labor costs, U.S. dollar basis:⁶											
1970.....	116.5	111.7	101.4	104.4	96.7	125.7	119.2	113.2	108.7	105.0	104.8
1973.....	123.2	126.2	152.9	147.6	146.3	211.7	172.5	195.2	174.0	145.8	130.7
1974.....	143.1	146.2	175.6	170.3	157.8	236.2	182.6	237.3	198.3	161.5	154.4
1975.....	152.4	165.6	212.3	199.2	206.2	288.5	245.1	284.8	245.4	212.3	197.6
1976.....	158.2	185.7	205.2	195.8	195.1	285.4	212.5	285.3	238.8	240.7	182.4
1977.....	166.6	182.5	232.5	212.7	207.0	299.4	234.9	326.7	268.7	270.6	197.0
1978.....	179.4	174.3	267.4	245.9	242.6	360.5	271.7	408.7	311.8	282.0	247.5
1979 ³	194.1	184.4	(NA)	283.2	276.5	399.3	307.8	384.2	(NA)	297.2	307.9
Employment:											
1970.....	99.6	98.9	104.4	105.7	103.7	111.1	108.2	107.7	101.7	102.2	101.6
1973.....	103.6	105.6	105.2	107.5	109.5	108.6	111.3	114.5	95.3	99.7	96.4
1974.....	103.2	107.7	106.3	104.0	110.9	105.7	114.2	114.9	94.9	102.0	98.2
1975.....	94.3	105.1	99.8	94.1	107.8	98.6	113.7	109.2	91.8	102.6	94.5
1976.....	97.8	105.2	95.7	94.7	106.9	96.2	114.0	108.9	88.3	102.2	93.3
1977.....	101.4	102.8	92.0	94.8	106.4	95.4	114.1	108.0	86.0	99.2	94.3
1978.....	105.5	104.5	88.0	94.3	104.6	95.0	113.0	105.6	83.5	96.2	95.8
1979 ³	108.1	108.5	(NA)	95.4	103.1	95.4	113.5	104.8	(NA)	95.8	92.5
Hours:											
1970.....	97.7	98.2	101.4	98.8	102.0	113.4	103.3	104.4	96.4	98.1	101.5
1973.....	103.6	103.8	96.1	92.7	104.9	106.7	95.8	107.8	86.5	90.0	95.8
1974.....	101.7	106.0	95.1	91.5	104.6	100.9	97.1	103.3	83.3	91.2	94.9
1975.....	91.8	101.9	84.2	80.1	99.4	91.2	91.8	95.7	79.1	90.3	90.5
1976.....	96.4	102.5	82.8	80.9	98.5	91.9	95.2	98.4	75.9	88.6	89.4
1977.....	100.4	99.9	78.2	80.3	97.0	89.7	96.2	98.0	73.7	84.8	91.3
1978.....	104.8	102.9	74.9	79.0	94.8	88.1	95.0	96.5	71.3	80.3	90.5
1979 ³	107.0	105.5	(NA)	80.8	92.9	87.9	93.5	96.6	(NA)	79.1	89.1

NA Not available. ¹ Excludes handicraft industries. ² Federal Republic of Germany. Includes West Berlin.
³ Preliminary. ⁴ Compensation includes, but real hourly compensation excludes, adjustments for payroll and employment taxes that are not compensation to employees, but are labor costs to employers. ⁵ Index of hourly compensation divided by the index of consumer prices to adjust for changes in purchasing power. ⁶ Indexes in national currency adjusted for changes in prevailing exchange rates.

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

NO. 1592. LABOR FORCE, MANUFACTURING, STEEL, IRON ORE, CEMENT, COTTON YARN, AND FISH, BY COUNTRY: 1977

[See text, p. 884, for general comments about the data. For additional data qualifications for countries, see source]

COUNTRY	Eco- nomically active popula- tion ¹ (1,000)	Persons engaged in manufactur- ing ² (1,000)	STEEL			PRODUCTION			Fish catches ⁸ (1,000 metric tons)
			Produc- tion ³ (mil. metric tons)	Consumption ⁴		Iron ore ⁵ (iron con- tent) (mil. metric tons)	Ce- ment ⁶ (mil. metric tons)	Cotton yarn ⁷ (1,000 metric tons)	
				Total (mil. metric tons)	Per capita (kilo- grams)				
World, total.....	(NA)	(NA)	667.0	(NA)	(NA)	482.8	759.0	(NA)	73,500
United States.....	⁹ 82,897	(NA)	¹⁰ 113.7	133.9	618	¹¹ 35.0	72.6	1,145	3,102
Algeria.....	2,565	(NA)	.2	2.0	110	1.7	1.8	¹² 9	44
Argentina.....	9,011	(NA)	2.7	3.6	140	.3	6.0	¹³ 95	393
Australia.....	5,330	¹⁴ 15 1,175	¹⁵ 7.5	5.1	365	¹⁴ 60.2	5.0	¹³ 14 20	¹⁴ 128
Austria.....	3,098	¹² 10 17 677	4.1	2.5	335	1.1	6.0	20	3
Belgium.....	3,638	(NA)	11.3	¹⁸ 4.0	¹⁸ 388	(Z)	7.8	41	45
Brazil.....	29,557	¹⁶ 19 20 3,638	11.2	12.0	107	²¹ 56.6	20.5	²² 23 70	²⁴ 790
Bulgaria.....	4,268	²⁵ 1,180	2.6	2.4	276	.7	4.7	86	138
Canada.....	²⁸ 8,162	²² 1,748	13.6	12.8	550	²⁷ 31.8	9.9	²² 63	1,280
Chile.....	2,607	¹² 28 236	²⁹ .5	.6	60	4.9	1.1	¹³ 30 23	1,285
China: Mainland.....	(NA)	(NA)	²¹ 27.0	32.5	38	²¹ 32.5	²¹ 40.0	¹³ 1,450	²⁴ 6,880
Taiwan ³¹ 32.....	6,323	1,901	1.3	4.8	293	(NA)	11.5	286	885
Colombia.....	5,134	¹² 16 38 457	.2	.8	31	.5	3.3	¹⁹ 28	²⁴ 75
Cuba.....	2,633	(NA)	.3	.5	53	(NA)	2.7	¹³ 24	185
Czechoslovakia.....	6,996	²⁵ 2,489	15.1	10.5	700	.6	9.8	126	18
Denmark.....	2,313	²² 34 380	.7	1.8	356	(Z)	2.3	2	1,807
Dominican Republic.....	856	(NA)	(NA)	.1	28	(NA)	²¹ 6	²² 35 (Z)	5
Ecuador.....	1,443	¹² 16 36 75	(NA)	.4	46	(NA)	²⁰ 6	²² 1	476
Egypt.....	7,782	³⁰ 37 693	²¹ 3	1.0	26	.7	3.2	¹³ 210	105
El Salvador.....	1,315	¹² 16 38 51	(NA)	.1	21	(NA)	.3	¹³ 6	8
Finland.....	2,129	²⁰ 498	2.2	1.5	326	.8	1.7	²² 18	117
France.....	20,439	³⁹ 5,760	22.1	19.5	368	11.1	29.0	238	760
German Dem. Rep.....	8,214	⁴⁰ 3,112	6.9	9.9	591	(Z)	12.1	⁴¹ 135	209
Germany, F.R. of.....	26,494	⁴² 6,915	39.0	33.0	538	.9	32.2	⁴¹ 178	432
Ghana.....	3,332	⁴³ 44 45 61	(NA)	.1	11	(NA)	²² 7	(NA)	383
Greece.....	⁴⁶ 3,388	¹² 573	²¹ 5	1.6	176	.9	10.6	¹³ 22 87	²⁴ 106
Guatemala.....	1,364	¹³ 20 69	(NA)	.2	26	(NA)	.5	(NA)	3
Hong Kong.....	1,655	755	(NA)	1.2	262	-	1.0	200	158
Hungary.....	4,989	⁴⁰ 1,331	3.7	3.7	343	.1	4.6	⁴⁷ 60	35
India.....	180,373	²² 48 49 5,662	²⁹ 9.8	10.2	16	26.5	19.2	⁵⁰ 1,034	2,540
Indonesia.....	40,100	¹² 61 759	(NA)	1.2	8	(NA)	2.9	³⁰ 54	1,545
Iran.....	7,584	¹² 33 52 396	(NA)	4.7	137	²¹ 53 7	²² 6.0	²² 35 65	²⁴ 2
Iraq.....	(NA)	¹² 54 134	(NA)	.7	60	(NA)	²¹ 2.5	¹² 13 1	26
Ireland.....	1,120	³⁰ 55 203	²¹ (Z)	.5	150	(NA)	1.6	⁵⁶ 4	96
Israel.....	956	²⁰ 43 255	²¹ 1	.7	195	(NA)	2.0	26	24
Italy.....	18,750	¹³ 57 3,624	23.3	20.8	368	.2	38.2	212	427
Japan.....	53,321	¹⁶ 22 58 11,212	102.4	58.2	512	⁵⁹ 5	73.1	441	10,733
Korea, Dem. Peo. Rep.....	(NA)	(NA)	²¹ 3.1	3.2	190	²¹ 3.8	²¹ 7.0	(NA)	²⁴ 1,600
Korea, Rep. of.....	10,378	²⁰ 22 44 1,717	²⁹ 2.7	6.8	186	.4	14.2	189	2,419
Lebanon.....	(NA)	(NA)	(NA)	.2	79	(NA)	²¹ 1.4	¹³ 30 5	²⁴ 3
Liberia.....	412	(NA)	(NA)	(Z)	19	12.0	²¹ 1	(NA)	²⁴ 16
Luxembourg.....	131	¹² 57 45	4.3	(¹⁸)	(¹⁸)	.5	.3	(NA)	(NA)
Malaysia.....	3,430	¹⁸ 19 60 261	(NA)	6	50	.2	⁶¹ 1.8	¹³ 61 18	619
Mexico.....	12,910	(NA)	5.5	6.5	100	3.6	13.3	¹² 13 158	670
Morocco.....	3,981	(NA)	¹² 62 (Z)	.8	44	.2	2.6	¹⁹ 14	261
Netherlands.....	4,169	⁶³ 64 1,022	4.9	4.5	322	(NA)	3.9	28	313
New Zealand.....	⁹ 1,026	²² 48 65 299	(NA)	.9	280	-	.9	(NA)	111
Nigeria.....	18,036	¹⁹ 44 54 186	(NA)	1.8	27	(NA)	1.3	¹² 13 5	506
Norway.....	1,469	²⁰ 22 367	.7	1.6	405	2.4	2.3	1	3,562
Pakistan.....	39,591	(NA)	(NA)	.7	9	(NA)	¹⁴ 3.1	¹³ 14 50 283	249
Peru.....	3,872	²⁰ 30 258	²¹ 4	.6	37	4.0	²¹ 2.0	(NA)	2,530
Philippines.....	11,355	¹⁰ 20 532	(NA)	1.4	31	-	4.1	¹³ 47 31	1,511
Poland.....	16,944	⁶⁶ 4,284	17.3	18.7	540	⁶⁷ 2	21.3	⁴¹ 219	665
Portugal.....	3,424	¹⁸ 22 60 829	.4	1.5	156	(Z)	4.3	¹⁹ 85	310
Romania.....	10,362	⁶⁸ 1,635	11.5	¹² 9.8	¹² 464	.6	13.1	⁴¹ 47 171	151
South Africa.....	7,986	⁵⁸ 69 1,315	²⁹ 70 7.2	⁷¹ 4.9	⁷¹ 161	16.6	6.6	67	603

See footnotes at end of table.

NO. 1592. LABOR FORCE, MANUFACTURING, STEEL, IRON ORE, CEMENT, COTTON YARN, AND FISH, BY COUNTRY: 1977—Continued

(See headnote, page 914)

COUNTRY	Eco- nomic- ally active popula- tion ¹ (1,000)	Persons engaged in manufac- turing ² (1,000)	STEEL			PRODUCTION			Fish catches ⁸ (1,000 metric tons)
			Produc- tion ³ (mil. metric tons)	Consumption ⁴		Iron ore ⁵ (iron con- tent) (mil. metric tons)	Ce- ment ⁶ (mil. metric tons)	Cotton yarn ⁷ (1,000 metric tons)	
				Total (mil. metric tons)	Per capita (kilo- grams)				
Soviet Union	115,204	30,562	146.7	²² 145.6	²² 567	131.4	127.1	1,597	9,352
Spain	11,865	^{16 22 72} 2,279	10.9	9.1	249	4.2	28.0	66	1,455
Sri Lanka	3,459	(NA)	(NA)	(Z)	2	(NA)	.4	^{13 5} 139	139
Sweden	3,413	925	4.0	3.8	463	16.1	2.5	^{22 7} 192	192
Switzerland	3,005	^{16 73} 675	^{74 7} 4.0	2.3	356	(NA)	3.6	45	4
Syria	1,525	176	(NA)	.6	76	(NA)	1.4	^{13 28} 2	2
Thailand	16,850	(NA)	^{21 3} 2.3	^{14 31} 1.4	31	(Z)	5.1	^{13 22 47 73} 1,778	1,778
Tunisia	1,094	^{16 22 76 84} 84	^{62 2} .2	.4	63	.2	.6	^{13 32 7} 38	38
Turkey	15,829	^{22 33} 738	1.5	4.7	112	1.4	13.4	^{22 50} 167	^{24 155} 155
United Kingdom	⁷⁰ 22,754	^{12 7} 4,72	20.4	19.5	349	.9	15.5	126	1,004
Uruguay	1,012	239	(Z)	(Z)	16	-	^{21 7} .7	(NA)	48
Venezuela	3,015	^{13 324} 324	^{21 8} .8	3.6	285	8.5	3.3	^{43 16} 16	152
Vietnam	⁷⁷ 5,742	(NA)	(NA)	.3	7	(NA)	^{21 7} .7	^{13 30 77 10} 10	^{24 77} 1,014
Yugoslavia	8,890	^{22 78} 1,811	2.4	5.2	239	1.5	8.2	121	61
Zimbabwe	110	(NA)	^{21 3} .3	.5	74	^{21 3} .3	.5	(NA)	^{24 2} 2

- Represents zero. NA Not available. Z Less than 50,000 metric tons; except cotton, less than 500 metric tons.

¹ Comprises all persons engaged in or actively seeking productive work in some branch of the economy during a specified period of time. Generally, data are for a specific date in the 1960's and 1970's. ² Comprises average number of employees, working proprietors, and unpaid family workers engaged in production of manufactured goods, including assembly of component parts and, except in the case of consumer goods, repair services. Except as noted, excludes gas manufacture and electricity. ³ Total production of crude steel, both ingots and steel for castings. Excludes wrought (puddled) iron. ⁴ Data represent apparent consumption (i.e. production plus imports minus exports) and do not take into account changes in stocks. ⁵ Refers generally to iron content of marketable ores mined, including manganiferous iron ores but excluding pyrites. Some data are rough estimates obtained by applying a fixed percentage to figures for crude ore production. ⁶ Covers, as far as possible, all hydraulic cements used for construction (portland, metallurgic, aluminous, natural, etc.). ⁷ Covers pure and mixed yarn, including yarn spun from cotton waste, and excludes tire cord yarn, except as noted. ⁸ Covers both sea and inland fisheries, in terms of live weight, includes shellfish; excludes whales, dolphins, etc. ⁹ Excludes Armed Forces abroad. ¹⁰ Excludes steel for castings made in foundries operated by companies not producing ingots. ¹¹ Includes iron content of byproduct ore. ¹² For 1975. ¹³ Pure cotton yarn only. ¹⁴ Year ending June 30. ¹⁵ All establishments except single-establishment enterprises with fewer than 4 employees. ¹⁶ For one period of the year indicated. ¹⁷ Establishments with 20 or more employees. ¹⁸ Luxembourg included with Belgium. ¹⁹ For 1974. ²⁰ Establishments with 5 or more engaged. ²¹ Data from U. S. Bureau of Mines. ²² For 1976. ²³ Production in the State of São Paulo only. ²⁴ FAO estimate. ²⁵ All enterprises in socialist sector except publishing. ²⁶ Excludes armed services. ²⁷ Shipments from mines. ²⁸ Establishments with 50 or more engaged. ²⁹ Ingots only. ³⁰ For 1973. ³¹ Source: U.S. Bureau of the Census. Data from Republic of China publications. ³² For 1978. ³³ Establishments with 10 or more engaged. ³⁴ Establishments with 6 or more employees. ³⁵ Mixed yarn only. ³⁶ Establishments with 7 or more engaged. ³⁷ Private establishments with 10 or more engaged and all public establishments. ³⁸ Establishments with 5 or more employees. ³⁹ Total mining and manufacturing. ⁴⁰ All enterprises. ⁴¹ Includes tire cord yarn. ⁴² Establishments with 20 or more engaged. ⁴³ For 1972. ⁴⁴ Includes homeworkers. ⁴⁵ Establishments with 30 or more engaged. ⁴⁶ Includes Armed Forces abroad. ⁴⁷ Excludes yarn made from waste. ⁴⁸ Year ending March 31. ⁴⁹ Establishments with 10 or more engaged using power, or with 20 or more engaged not using power. ⁵⁰ Mill production only. ⁵¹ Establishments with 20 or more workers. ⁵² Year ending March 20. ⁵³ Year beginning March 21. ⁵⁴ Establishments with 10 or more employees. ⁵⁵ Establishments with 3 or more engaged. ⁵⁶ Data from International Cotton Advisory Committee. ⁵⁷ Enterprises with 20 or more engaged. ⁵⁸ All private establishments. ⁵⁹ Includes iron content of iron sand and pyrites. ⁶⁰ Establishments in selected industries. ⁶¹ West Malaysia only. ⁶² Crude steel for casting only. ⁶³ Work-years. ⁶⁴ All kind-of-activity units in mining and manufacturing. ⁶⁵ Establishments with 2 or more engaged. ⁶⁶ All establishments in the socialist sector, except publishing. ⁶⁷ Includes iron content of iron pyrites. ⁶⁸ State enterprises under direction of central government. ⁶⁹ For one period of year ending June 30, 1976. ⁷⁰ Includes cast steel billets. ⁷¹ Includes data for Botswana, Lesotho, Namibia, and Swaziland. ⁷² All establishments, but certain industries not covered. ⁷³ Establishments subject to labor laws. ⁷⁴ Data from UN Economic Commission for Europe. ⁷⁵ All units with 5 or more employees. ⁷⁶ For England and Wales only. ⁷⁷ Data for former Republic of South Vietnam only. ⁷⁸ All enterprises in the socialist sector, except licensed handicrafts.

Source: Except as noted, Statistical Office of the United Nations, New York, N.Y., *Statistical Yearbook and Demographic Yearbook*. (Copyright.)

NO. 1593. PRIMARY ENERGY PRODUCTION BY SOURCE OF ENERGY AND REGION: 1960 TO 1978

[In millions of metric tons of coal equivalent. See text, p. 884, for general comments concerning the data]

SOURCE OF ENERGY AND YEAR	World total	Africa	United States	Other Western Hemisphere	Middle East	Other Asia	Western Europe	Eastern Europe	Soviet Union	Oceania
Total primary energy:										
1960.....	4,478	65	1,435	393	392	612	566	306	679	31
1965.....	5,582	215	1,712	532	625	545	577	366	969	42
1970.....	7,299	499	2,157	673	1,058	660	539	417	1,223	73
1975.....	8,422	454	2,049	687	1,500	926	631	467	1,593	115
1977.....	9,254	564	2,065	711	1,711	1,110	696	493	1,774	130
1978.....	9,332	549	2,020	720	1,629	1,196	727	502	1,854	134
Coal and lignite:										
1960.....	2,191	43	392	16	4	547	499	268	393	29
1965.....	2,269	54	476	18	6	453	480	312	430	39
1970.....	2,356	60	553	24	7	501	365	342	450	55
1975.....	2,577	75	586	38	8	623	312	374	490	72
1977.....	2,763	91	616	43	8	710	306	393	515	82
1978.....	2,784	94	544	44	8	782	304	402	521	85
Crude petroleum: ¹										
1960.....	1,605	20	565	327	384	47	23	21	217	-
1965.....	2,304	157	634	424	612	63	31	24	357	-
1970.....	3,477	432	790	506	1,029	122	29	27	529	13
1975.....	4,053	361	696	460	1,449	240	43	30	741	32
1977.....	4,569	448	685	464	1,655	325	102	31	826	34
1978.....	4,557	422	710	467	1,562	335	129	31	866	34
Natural gas:										
1960.....	597	-	460	33	3	7	16	18	62	-
1965.....	893	3	577	70	6	11	26	28	172	-
1970.....	1,312	4	780	115	21	17	98	47	228	2
1975.....	1,568	13	707	149	41	34	213	60	344	7
1977.....	1,671	19	705	154	45	45	215	66	411	11
1978.....	1,735	27	710	154	58	46	221	64	443	11
Hydro and nuclear electricity: ²										
1960.....	85	1	18	17	-	11	29	1	6	1
1965.....	116	2	25	20	-	16	39	1	10	2
1970.....	154	3	34	30	1	21	47	1	16	3
1975.....	224	5	59	43	1	29	62	3	18	4
1977.....	250	6	59	50	2	31	72	5	22	4
1978.....	257	6	57	54	2	33	72	4	24	4

- Represents zero. ¹ Includes natural gas liquids. ² Includes geothermal.Source: Statistical Office of the United Nations, New York, N.Y., *World Energy Supplies*, Statistical Papers, series J, vol. 22; periodic, and unpublished data. (Copyright.)

NO. 1594. ENERGY, PETROLEUM, AND COAL, BY COUNTRY: 1970 AND 1978

[Metric ton = 1.1023 short tons. See text, p. 894, for general comments about the data. For additional data qualifications for countries, see source]

COUNTRY	ENERGY CONSUMED ¹ (coal equiv.)				ELECTRIC ENERGY PRODUCTION ² (bil. kWh)		CRUDE PETROLEUM PRODUCTION ³ (mil. metric tons)		COAL PRODUCTION ⁴ (mil. metric tons)	
	Total (mil. metric tons)		Per capita (kilograms)		1970	1978	1970	1978	1970	1978
	1970	1978	1970	1978						
World, total.....	6,820.1	8,755.2	1,892	2,074	4,923	7,617	2,277	2,986	2,143	2,538
United States.....	2,269.5	2,502.1	11,077	11,374	^a 1,640	^a 2,328	475.3	425.0	550.4	530.0
Algeria.....	6.6	12.7	460	687	2.0	4.7	49.0	54.0	(z)	(z)
Argentina.....	39.2	49.4	1,691	1,873	21.7	34.2	20.0	22.7	.6	.4
Australia.....	67.2	94.4	5,375	6,622	^a 53.9	^a 86.0	^a 8.5	20.9	45.2	73.0
Austria.....	25.3	30.4	3,424	4,048	30.0	38.2	2.8	1.8	-	(NA)
Bahrain.....	1.0	3.6	4,720	10,302	^a 2	1.2	3.8	2.7	(NA)	(NA)
Belgium.....	59.3	59.8	5,923	6,078	30.5	49.0	(NA)	(NA)	11.4	6.6
Brazil.....	44.6	91.7	478	794	^a 45.5	^a 110.6	8.0	8.1	2.4	^a 4.3
Bulgaria.....	33.4	44.2	3,937	5,020	19.5	29.7	.3	.1	.4	.3
Canada.....	201.1	233.3	9,393	9,930	^a 204.7	^a 327.1	60.4	63.6	11.6	25.0
Chile.....	12.5	10.8	1,287	997	7.6	10.2	1.5	.8	1.4	1.1
China: Mainland.....	391.2	766.3	515	837	(NA)	225.0	23.9	104.1	^{10 11} 360.0	618.0
Taiwan ¹²	15.3	37.7	1,055	2,202	14.0	35.7	¹² 1	¹² 2	4.5	2.9
Colombia.....	12.7	18.1	601	700	8.8	15.5	11.3	6.8	2.3	4.0
Cuba.....	9.4	11.8	1,109	1,168	4.9	7.8	.2	.1	(NA)	(NA)
Czechoslovakia.....	93.3	114.0	6,510	7,531	45.2	68.9	.2	.1	28.2	28.5

See footnotes at end of table.

No. 1594. ENERGY, PETROLEUM, AND COAL, BY COUNTRY: 1970 AND 1978—Continued

[Metric ton = 1.1023 short tons. See text, p. 884, for general comments about the data. For additional data qualifications for countries, see source]

COUNTRY	ENERGY CONSUMED ¹ (coal equiv.)				ELECTRIC ENERGY PRODUCTION ² (bil. kWh)		CRUDE PETROLEUM PRODUCTION ³ (mil. metric tons)		COAL PRODUCTION ⁴ (mil. metric tons)	
	Total (mil. metric tons)		Per capita (kilograms)		1970	1978	1970	1978	1970	1978
	1970	1978	1970	1978						
Denmark.....	28.8	27.7	5,838	5,423	20.0	22.2	-	.4	(NA)	(NA)
Ecuador.....	1.8	3.9	293	505	.9	2.4	.2	9.8	(NA)	(NA)
Egypt.....	8.8	18.3	265	463	7.6	13.5	16.4	21.0	-	(NA)
Finland.....	19.2	¹⁴ 24.7	4,159	¹⁴ 5,205	⁵ 21.2	⁵ 33.4	(NA)	(NA)	(NA)	(NA)
France.....	192.6	232.7	3,794	4,368	147.0	218.2	2.3	1.9	⁹ 37.8	⁹ 21.5
German Dem. Rep.....	102.1	119.3	5,984	7,121	67.7	96.0	.1	.1	1.0	3.3
Germany, Fed. Rep.....	317.8	368.8	5,239	6,015	242.6	352.1	7.5	5.1	¹⁵ 116.3	90.1
Greece.....	11.2	18.1	1,274	1,925	9.8	19.1	-	-	(NA)	(NA)
Hong Kong.....	4.0	7.6	1,010	1,657	⁸ 5.1	⁸ 9.1	(NA)	(NA)	(NA)	(NA)
Hungary.....	32.9	36.9	3,185	3,451	14.5	25.4	1.9	2.3	⁹ 4.2	⁹ 3.0
India.....	96.8	113.6	179	178	¹⁶ 61.2	¹⁶ 107.1	6.8	11.2	73.7	100.8
Indonesia.....	13.3	40.8	112	278	⁸ 2.1	4.7	42.6	90.0	2	3
Iran.....	27.1	63.7	945	1,808	7.0	18.5	191.3	261.0	¹⁰ 15.7	17.9
Iraq.....	5.8	7.8	617	633	⁸ 1.9	7.0	76.5	129.0	(NA)	(NA)
Ireland.....	¹⁴ 9.0	¹⁴ 10.6	¹⁴ 3,064	¹⁴ 3,292	¹⁶ 6.1	¹⁶ 10.0	(NA)	(NA)	2	1
Israel.....	7.4	8.7	2,524	2,362	6.9	11.2	¹⁶ 5.0	(Z)	(NA)	(NA)
Italy.....	144.1	183.1	2,689	3,230	117.4	173.4	1.4	1.4	.3	(NA)
Jamaica.....	2.6	3.9	1,377	1,823	1.5	2.1	(NA)	(NA)	(NA)	(NA)
Japan.....	332.4	439.5	3,215	3,825	¹⁶ 359.5	¹⁶ 565.1	.8	.5	¹⁹ 39.7	19.0
Korea, Dem. Peo. Rep.....	28.2	46.1	2,027	2,702	(NA)	(NA)	(NA)	(NA)	¹⁰ 21.8	35.0
Korea, Republic of.....	25.4	50.3	819	1,359	9.6	31.2	(NA)	(NA)	12.4	17.8
Kuwait.....	10.0	8.1	13,352	6,771	⁸ 2.2	7.0	²⁰ 150.6	²⁰ 105.2	(NA)	(NA)
Libya.....	1.1	4.7	577	1,889	⁸ 4	⁸ 1.6	159.8	95.3	(NA)	(NA)
Malaysia.....	²¹ 4.3	9.5	²¹ 468	716	²¹ 3.3	7.9	.9	9.7	(NA)	(NA)
Mexico.....	60.7	92.6	1,241	1,384	⁵ 28.7	⁵ 53.6	21.5	56.5	3.0	7.1
Netherlands.....	66.0	74.2	5,066	5,327	40.9	61.5	1.9	1.4	4.3	(NA)
New Zealand.....	8.0	11.8	2,835	3,790	⁸ 16.13	⁸ 21.6	⁷ 1	.7	2.2	1.9
Nigeria.....	2.5	7.3	45	106	1.6	3.5	54.2	89.0	.1	.3
Norway.....	18.7	22.6	4,822	5,571	57.6	78.6	-	17.3	.5	.5
Pakistan.....	²² 12.2	13.2	²² 93	172	⁶ 22.8	⁶ 11.1	.5	.5	⁶ 11.3	⁶ 1.1
Peru.....	8.6	10.9	633	649	5.5	8.9	3.6	7.0	2	(NA)
Philippines.....	10.8	15.7	292	339	8.7	17.0	(NA)	(NA)	(Z)	.2
Poland.....	138.9	195.8	4,270	5,596	64.5	114.8	.4	.3	140.1	192.6
Portugal.....	6.1	10.1	702	1,030	7.5	13.2	(NA)	(NA)	.3	.2
Romania.....	58.4	87.7	2,883	4,042	35.1	61.6	13.4	14.6	⁹ 6.4	7.2
Saudi Arabia.....	6.3	12.8	808	1,306	⁸ 7	3.5	²⁰ 188.4	²⁰ 410.3	(NA)	(NA)
Singapore.....	1.7	5.7	808	2,461	⁸ 2.2	5.8	(NA)	(NA)	(NA)	(NA)
South Africa.....	²³ 63.2	²³ 96.4	²³ 2,618	²³ 3,178	50.8	84.9	(NA)	(NA)	54.6	88.9
Soviet Union.....	¹⁴ 1,054.7	¹⁴ 1,445.4	¹⁴ 4,345	¹⁴ 5,500	740.9	1,190.6	⁷ 353.0	⁷ 572.5	432.7	504.3
Spain.....	²⁴ 50.2	68.3	²⁴ 1,485	2,405	56.5	100.3	.2	.9	⁹ 10.8	⁹ 12.2
Sweden.....	49.7	49.3	6,183	5,954	60.6	89.0	(NA)	(Z)	(Z)	(Z)
Switzerland.....	21.6	23.4	3,475	3,690	⁵ 25.33	⁵ 43.5	(NA)	(NA)	(NA)	(NA)
Syria.....	2.9	7.8	457	968	.9	2.1	4.2	10.0	(NA)	(NA)
Thailand.....	8.8	14.7	256	327	4.5	12.5	¹⁰ (Z)	(Z)	(NA)	(NA)
Trinidad and Tobago.....	4.7	5.6	4,542	4,965	1.2	1.6	7.2	12.0	(NA)	(NA)
Tunisia.....	1.3	3.3	257	543	.8	1.7	4.2	4.3	(NA)	(NA)
Turkey.....	16.9	34.3	480	793	8.6	21.2	3.5	2.5	4.6	4.3
United Arab Emirates.....	1.4	4.5	7,446	18,548	²⁶ 1	.8	37.7	90.0	(NA)	(NA)
United Kingdom.....	300.2	290.9	5,377	5,212	249.0	288.9	.1	51.0	⁹ 147.1	⁹ 123.2
Uruguay.....	2.6	3.0	913	1,054	2.2	3.3	(NA)	(NA)	(NA)	(NA)
Venezuela.....	25.6	39.2	2,457	2,989	12.7	24.3	194.3	109.4	(Z)	.1
Vietnam.....	²⁷ 5.5	6.1	²⁷ 302	125	²⁷ 1.2	3.5	(NA)	(NA)	⁹ 28.3	6.0
Yugoslavia.....	29.3	44.6	1,438	2,035	26.0	50.5	2.9	4.1	.6	.5
Zaire.....	1.8	1.9	81	69	3.2	4.1	-	1.1	.1	.1
Zambia.....	2.1	2.6	494	474	⁸ 9	⁸ 8.7	(NA)	(NA)	.6	.7

- Represents zero. NA Not available. Z Less than 50,000 metric tons. ¹ Based on apparent consumption of coal, lignite, petroleum products, natural gas, and hydro and nuclear electricity. ² Comprises production by utilities generating primarily for public use, and production by industrial establishments generating primarily for own use. Relates to production at generating centers, including station use and transmission losses. ³ Includes shale oil, but excludes natural gasoline. ⁴ Excludes lignite and brown coal, except as noted. ⁵ Net production, i.e. excluding station use. ⁶ Year ending June 30. ⁷ Includes gas condensates. ⁸ Excludes production by industrial establishments for own use. ⁹ Includes slurries. ¹⁰ Data from U.S. Bureau of Mines. ¹¹ Includes lignite and brown coal. ¹² Source: U.S. Bureau of the Census. Data from Republic of China publications. ¹³ In million kiloliters. ¹⁴ Includes peat. ¹⁵ Includes low grade coal at its hard-coal equivalent. ¹⁶ Year beginning April. ¹⁷ Year beginning March 21. ¹⁸ Includes estimated production in the occupied Sinai Peninsula (1970, 4.9 million metric tons). ¹⁹ Includes brown coal. ²⁰ Includes share of production and consumption in the Neutral Zone. ²¹ West Malaysia only. ²² Includes Bangladesh. ²³ Includes data for Botswana, Lesotho, Namibia, and Swaziland. ²⁴ Includes Canary Islands and Ceuta. ²⁵ Year ending Sept. 30. ²⁶ Abu Dhabi only. ²⁷ Data for former Republic of South Vietnam only. ²⁸ Data for former Democratic Republic of Vietnam only.

Source: Except as noted, Statistical Office of the United Nations, New York, N.Y., *Statistical Yearbook* (copyright); and *World Energy Supplies 1973-1978*, Statistical Papers, series J, vol. 22; periodic. (Copyright.)

NO. 1595. WHEAT AND RICE—PRODUCTION, BY COUNTRY: 1971 TO 1979

[In thousands of metric tons. Rice data cover rough and paddy, except as noted. Data for each country pertain to the calendar year in which all or most of the crop was harvested. See text, p. 884, for general comments concerning quality of the data]

COUNTRY	WHEAT					RICE				
	1971-1975, average	1976	1977	1978	1979	1971-1975, average	1976	1977	1978	1979
World, total	358,794	424,744	390,697	450,059	425,478	329,180	350,456	369,729	386,303	379,814
United States	47,792	58,307	55,420	48,922	58,289	4,579	5,246	4,501	6,040	6,199
Afghanistan	2,533	2,936	2,652	2,813	2,200	405	448	400	428	450
Argentina	6,936	11,000	5,300	8,100	7,800	302	309	320	310	326
Australia	10,104	11,825	9,370	18,250	16,100	331	417	530	490	692
Austria	965	1,234	1,072	1,195	850	(1)	(1)	(1)	(1)	(1)
Bangladesh	109	218	259	348	494	16,793	17,628	19,441	19,273	19,355
Belgium	² 939	² 939	² 795	² 1,022	² 1,010	(1)	(1)	(1)	(1)	(1)
Brazil	1,934	3,216	2,066	2,677	2,924	7,012	9,757	8,994	7,242	7,589
Bulgaria	3,123	3,152	3,028	3,466	³ 3,000	63	41	68	61	³ 65
Burma	39	56	75	92	41	8,386	9,319	9,462	10,500	10,000
Canada	15,092	23,587	19,862	21,146	17,746	(1)	(1)	(1)	(1)	(1)
Chile	1,050	866	1,219	893	995	64	98	120	105	181
China:										
Mainland ³	36,601	50,001	45,001	52,002	60,003	121,532	129,054	129,470	138,202	143,400
Taiwan ⁴	2	1	1	2	(NA)	⁵ 2,397	⁵ 2,713	⁵ 2,649	⁵ 2,444	(NA)
Colombia	58	45	29	38	38	1,231	1,560	1,307	1,715	1,932
Cuba	(1)	(1)	(1)	(1)	(1)	375	451	459	458	500
Czechoslovakia	4,360	4,807	5,214	5,601	³ 4,400	(1)	(1)	(1)	(1)	(1)
Denmark	566	593	606	642	573	(1)	(1)	(1)	(1)	(1)
Ecuador	57	65	40	29	19	241	368	328	233	303
Egypt	1,821	1,962	1,699	1,942	1,856	2,396	2,300	2,275	2,351	2,507
Ethiopia	648	532	605	429	449	(1)	(1)	(1)	(1)	(1)
Finland	516	654	295	241	208	(1)	(1)	(1)	(1)	(1)
France	17,022	16,126	17,350	20,970	19,393	56	32	23	45	³ 45
German Dem. Rep.	2,797	2,715	2,914	3,147	3,226	(1)	(1)	(1)	(1)	(1)
Germany, Fed. Rep.	7,132	6,702	7,235	8,118	7,971	(1)	(1)	(1)	(1)	(1)
Greece	1,934	2,376	1,766	2,734	2,411	87	69	94	93	³ 94
Hungary	4,299	5,148	5,319	5,677	3,706	64	32	35	27	³ 48
India	24,172	28,846	29,010	31,749	34,982	64,510	63,052	79,006	80,743	69,000
Indonesia	(1)	(1)	(1)	(1)	(1)	21,151	23,301	23,356	25,781	26,350
Iran	4,644	6,044	5,517	5,700	5,000	1,265	1,566	1,400	1,280	1,212
Iraq	1,318	1,302	696	910	1,492	172	163	199	172	284
Ireland	264	200	250	247	260	(1)	(1)	(1)	(1)	(1)
Israel	252	206	220	167	128	(1)	(1)	(1)	(1)	(1)
Italy	9,528	9,516	6,347	9,332	9,140	950	907	693	979	1,014
Japan	280	222	236	367	440	15,689	15,292	17,000	16,354	15,600
Kampuchea	(1)	(1)	(1)	(1)	(1)	³ 1,569	³ 1,800	³ 1,800	³ 1,500	³ 1,000
Korea, Dem. Peo. Rep.	³ 292	³ 340	³ 310	³ 350	³ 370	³ 3,195	³ 4,150	³ 4,610	³ 4,500	³ 4,800
Korea, Republic of	123	82	45	36	42	5,915	7,202	8,291	8,342	8,051
Laos	(1)	(1)	(1)	(1)	(1)	865	858	847	796	³ 900
Madagascar	(1)	(1)	(1)	(1)	(1)	1,855	2,043	2,154	1,914	2,327
Malaysia	(1)	(1)	(1)	(1)	(1)	1,942	1,995	1,922	1,527	2,161
Mexico	2,264	3,363	2,456	2,654	2,272	476	463	567	397	489
Nepal	275	387	362	411	415	2,365	2,386	2,282	2,339	¹ 2,500
Netherlands	676	710	661	792	836	(1)	(1)	(1)	(1)	(1)
New Zealand	297	388	354	329	327	(1)	(1)	(1)	(1)	(1)
Pakistan	7,222	8,691	9,144	8,367	9,944	3,593	4,106	4,424	4,908	4,953
Panama	(1)	(1)	(1)	(1)	(1)	157	144	186	162	200
Peru	124	127	120	113	95	516	570	587	468	545
Philippines	(1)	(1)	(1)	(1)	(1)	5,386	6,461	6,895	7,318	³ 7,000
Poland	5,605	5,745	5,308	6,029	4,220	(1)	(1)	(1)	(1)	(1)
Portugal	624	694	229	255	233	151	97	112	135	135
Romania	5,399	6,724	6,463	6,243	4,684	57	37	47	58	55
South Africa	1,735	2,239	1,860	1,690	2,220	3	3	3	3	3
Soviet Union	88,935	96,882	92,165	120,824	90,100	1,753	2,001	2,217	2,096	2,400
Spain	4,564	4,436	4,064	4,806	4,118	368	406	379	401	427
Sri Lanka	(1)	(1)	(1)	(1)	(1)	1,355	1,253	1,677	1,890	1,806
Sweden	1,352	1,765	1,522	1,290	1,113	(1)	(1)	(1)	(1)	(1)
Switzerland	386	400	323	406	417	(1)	(1)	(1)	(1)	(1)
Syria	1,249	1,790	1,217	1,651	1,319	(1)	(1)	(1)	(1)	(1)
Thailand	(1)	(1)	(1)	(1)	(1)	13,948	15,068	13,921	17,530	15,640
Turkey	12,372	16,578	16,720	16,769	17,631	248	251	270	305	224
United Kingdom	5,045	4,740	5,274	6,613	7,140	(1)	(1)	(1)	(1)	(1)
Uruguay	354	505	173	174	380	148	217	228	226	248
Venezuela	1	1	1	1	1	256	206	496	544	653
Vietnam	(1)	(1)	(1)	(1)	(1)	10,732	12,076	10,885	10,040	³ 10,500
Yugoslavia	5,177	5,979	5,595	5,355	4,512	33	23	36	34	34

NA Not available. ¹ None or negligible. ² Includes Luxembourg. ³ FAO estimate. ⁴ Source: U.S. Bureau of the Census. Data from Republic of China publications. ⁵ Brown rice.

Source: Except as noted, Statistical Office of the United Nations, New York, N.Y., *Statistical Yearbook*. (Copyright.)

No. 1596. CORN, MEAT, AND SUGAR—PRODUCTION, BY COUNTRY: 1971 TO 1979

[In thousands of metric tons. Data for each country pertain to the calendar year in which all or most of the crop was harvested. See text, p. 894, for general comments concerning the data]

COUNTRY	CORN			MEAT ¹			SUGAR ²		
	1972- 1977, aver- age	1978	1979	1971- 1976, aver- age	1977	1978	1971- 1975, aver- age	1976	1977
World, total	318,245	363,927	394,231	93,407	102,494	104,360	77,610	86,573	91,826
United States.....	145,940	180,008	197,208	16,936	18,013	17,605	5,409	6,163	5,523
Argentina.....	7,885	9,700	8,700	2,683	3,269	3,540	1,364	1,559	1,666
Australia.....	145	130	168	^a 2,268	^a 2,722	^a 2,843	2,810	3,395	3,452
Austria.....	938	1,166	1,347	460	492	^a 504	396	426	506
Belgium ⁵	28	37	37	855	872	921	723	721	757
Brazil.....	16,449	13,533	16,309	2,909	3,343	3,148	6,323	7,236	8,759
Bulgaria.....	2,589	2,236	^a 3,300	387	453	^a 466	225	230	240
Canada.....	3,251	4,032	4,963	1,578	1,687	1,635	122	156	155
Chile.....	313	257	489	247	253	248	152	240	120
China:									
Mainland.....	^a 29,018	^a 31,607	^a 40,620	^a 13,899	^a 16,536	^a 17,017	3,480	4,000	3,800
Taiwan ⁶	^a 114	107	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	1,325
Colombia.....	783	862	870	^a 518	^a 531	^a 547	849	935	853
Cuba.....	^a 92	^a 95	^a 95	^a 200	^a 202	^a 208	5,675	6,151	6,953
Czechoslovakia.....	664	619	^a 600	1,053	1,136	^a 1,214	752	620	924
Denmark.....	(NA)	(NA)	(NA)	962	997	1,031	372	432	472
Dominican Republic.....	47	40	15	55	59	62	1,177	1,287	1,258
Egypt.....	2,687	3,117	2,938	273	^a 284	^a 292	549	576	657
El Salvador.....	360	507	521	^a 41	^a 47	^a 48	216	261	364
Ethiopia.....	977	962	1,067	337	^a 338	^a 343	131	136	137
France.....	8,332	9,531	10,293	3,362	3,414	^a 3,507	2,859	2,721	3,908
German Dem. Rep.....	8	2	^a 2	1,395	1,608	^a 1,616	561	609	700
Germany, Fed. Rep. of.....	541	617	655	3,651	3,856	^a 3,999	2,435	2,844	(NA)
Ghana.....	359	340	380	^a 32	^a 27	^a 29	8	12	25
Greece.....	520	513	627	306	343	341	187	386	294
Guatemala.....	725	760	850	77	83	93	299	517	487
Hungary.....	6,014	6,655	7,400	894	1,002	^a 1,031	307	395	476
India.....	6,224	6,219	^a 5,000	^a 620	^a 642	^a 646	4,238	5,033	5,019
Indonesia.....	2,929	4,029	3,200	301	^a 326	^a 328	907	1,380	1,100
Iran.....	44	60	57	^a 331	^a 358	^a 366	603	650	752
Ireland.....	(NA)	(NA)	(NA)	469	551	556	^a 176	(NA)	(NA)
Italy.....	5,337	6,221	6,260	1,812	2,000	^a 2,075	1,196	1,758	(NA)
Japan.....	14	7	5	1,288	1,526	^a 1,590	600	506	566
Kenya.....	^a 2,404	2,169	1,800	^a 161	^a 164	^a 181	149	182	185
Malaysia.....	^a 21	^a 30	^a 30	^a 62	^a 63	^a 62	19	50	60
Mexico.....	8,672	10,909	9,255	899	1,028	1,033	2,672	2,710	2,790
Morocco.....	337	390	312	159	133	135	246	250	260
Netherlands.....	8	5	5	1,221	1,369	1,444	822	947	(NA)
Nigeria.....	^a 1,123	^a 1,480	^a 1,500	^a 314	^a 330	^a 339	34	30	40
Pakistan.....	768	798	846	424	559	^a 570	^a 506	677	764
Peru.....	657	623	600	190	182	186	^a 918	930	900
Philippines.....	2,418	2,860	3,300	484	518	535	2,338	2,984	2,624
Poland.....	97	119	187	2,261	2,279	2,601	1,774	1,774	1,810
Portugal.....	506	500	456	224	249	252	^a 13	12	10
Romania.....	9,265	10,208	12,380	978	1,165	^a 1,108	577	561	590
South Africa.....	8,505	9,930	8,240	683	708	^a 744	1,944	2,113	2,369
Soviet Union.....	10,599	8,951	8,400	12,558	12,732	^a 13,085	8,880	8,500	8,885
Spain.....	1,864	1,969	2,237	1,106	1,310	1,358	847	1,162	1,282
Sweden.....	(NA)	(NA)	(NA)	417	455	459	280	301	339
Switzerland.....	117	105	101	374	413	^a 417	71	83	85
Thailand.....	2,237	2,791	3,300	^a 365	^a 352	^a 363	^a 1,101	1,757	2,361
Turkey.....	1,184	1,300	1,358	563	616	^a 624	810	1,090	1,158
Uganda.....	516	^a 660	^a 500	84	^a 93	^a 94	86	20	20
United Kingdom.....	4	2	1	2,186	2,133	2,005	930	657	978
Uruguay.....	181	172	71	393	404	405	82	120	120
Venezuela.....	560	804	848	313	372	384	523	510	445
Vietnam.....	^a 325	485	^a 520	^a 470	^a 511	^a 550	(z)	(z)	80
Yugoslavia.....	8,763	7,585	10,082	850	1,048	^a 1,057	448	580	647
Zaire.....	483	500	^a 350	^a 55	^a 59	^a 60	55	65	65
Zimbabwe.....	1,327	1,400	^a 1,000	^a 163	^a 189	^a 171	227	220	200

NA Not available. Z Less than 500 metric tons. ¹ Beef and veal (incl. buffalo meat), pork (incl. bacon and ham), and mutton and lamb (incl. goat meat). Refers to meat from animals slaughtered within the national boundaries irrespective of origin of animals, and relates to commercial and farm slaughter. In terms of carcass weight. Excludes lard, tallow, and edible offals, except as noted. ² Beet and cane. Data generally in terms of raw sugar. ³ Year ending June 30. ⁴ FAO estimate. ⁵ Includes Luxembourg for corn and meat. ⁶ Source: U.S. Bureau of the Census. Data from Republic of China publications. ⁷ Data for 1974-1977. ⁸ Excludes data for 1971. ⁹ Excludes data for 1975. ¹⁰ West Malaysia only. ¹¹ 1971 data for Bangladesh included with Pakistan. ¹² Data for 1975 only. ¹³ Data for 1974 and 1975.

Source: Except as noted, Statistical Office of the United Nations, New York, N.Y., *Statistical Yearbook*. (Copyright.)

NO. 1597. FOREIGN TRADE AND TRANSPORTATION—SHIPPING, RAILWAYS, AVIATION, AND MOTOR VEHICLES, BY COUNTRY

[See text, p. 894, for general comments about the data. Statistical coverage of all these items varies considerably among countries; for details, see source]

COUNTRY	FOREIGN TRADE, ¹ 1977		SHIPPING		RAIL TRAFFIC, ⁴ 1977		Civil aviation, kilometers flown, ⁵ 1977 (mil.)	Motor vehicles in use, ⁶ 1977 (1,000)	
	Imports (mil. dol.)	Exports (mil. dol.)	Merchant shipping fleets, ² 1978 (1,000 gross tons)	Freight, ³ 1977 (mil. metric tons)		Passenger-kilometers (mil.)			Freight, net-ton kilometers (mil.)
				Loaded	Unloaded				
World, total...	⁷ 1,154,600	⁷ 1,124,500	406,002	(NA)	(NA)	(NA)	(NA)	8,090	362,070
United States.....	156,758	119,042	⁹ 16,188	¹⁰ 11 250.2	¹⁰ 11 568.1	¹² 16,565	¹² 1,206,366	3,892.0	¹³ 135,155
Algeria.....	7,126	5,809	1,152	¹³ 46.3	¹³ 9.7	1,506	1,940	24.0	¹⁴ 441
Angola.....	¹⁵ 625	¹⁵ 1,227	(NA)	¹⁵ 10.0	¹⁵ 4.0	418	5,461	(NA)	¹⁶ 163
Argentina.....	4,162	5,650	2,001	¹⁷ 23.8	¹⁷ 10.6	12,011	11,567	73.0	¹⁵ 2,907
Australia.....	¹⁸ 12,175	13,002	1,532	¹⁹ 166.2	¹⁹ 25.4	(NA)	¹⁹ 32,028	186.7	6,880
Austria.....	14,243	9,808	(NA)	(NA)	(NA)	¹³ 6,712	¹³ 10,685	17.7	2,337
Belgium.....	²⁰ 40,142	²⁰ 37,457	304	38.7	57.8	7,667	6,468	48.2	3,168
Brazil.....	13,230	12,055	3,702	¹⁷ 81.9	¹³ 17 61.7	11,699	60,721	171.3	¹³ 7,314
Bulgaria.....	¹⁸ 6,329	6,329	1,082	2.9	19.1	7,343	17,080	10.6	(NA)
Canada.....	¹⁸ 39,561	41,452	⁹ 2,954	¹¹ 119.8	¹¹ 58.9	2,966	212,416	282.3	¹³ 11,333
Chile.....	2,035	2,190	466	¹⁶ 17 9.9	¹⁷ 21 6.2	2,382	2,207	21.5	479
China:									
Mainland.....	(NA)	(NA)	6,788	(NA)	(NA)	(NA)	²² 301,000	(NA)	(NA)
Taiwan ²³ ²⁴	11,027	12,687	1,603	10.1	44.1	8,004	2,647	34.1	432
Colombia.....	1,563	2,302	272	¹⁷ 1.5	¹⁷ 3.7	¹³ 511	1,215	45.8	²⁵ 558
Cuba.....	¹³ 4,066	¹³ 3,573	779	¹³ 6.1	¹³ 13.1	¹³ 767	¹³ 1,848	11.1	¹³ 120
Czechoslovakia.....	¹⁸ 11,149	10,818	151	(NA)	(NA)	19,172	71,550	28.6	2,118
Denmark.....	13,239	10,117	5,530	7.1	33.2	²⁸ 3,466	²⁶ 1,921	38.4	1,656
Dominican Republic.....	¹⁸ 848	794	(NA)	2.4	3.4	(NA)	(NA)	(NA)	¹³ 117
Ecuador.....	¹³ 993	1,218	201	¹⁷ 9.4	¹⁷ 3.8	¹⁴ 65	¹⁴ 46	14.2	¹⁴ 129
Egypt.....	²⁷ 4,808	1,726	456	6.4	10.8	¹³ 8,748	¹³ 2,201	23.1	347
Finland.....	7,603	7,670	2,359	14.1	25.6	2,977	6,399	28.3	1,220
France.....	70,498	63,560	12,197	34.8	183.9	51,804	66,228	270.0	19,340
German Dem. Rep....	⁸ ¹⁸ 14,344	⁸ 12,024	1,540	3.5	11.9	22,350	58,228	(NA)	2,807
Germany, Fed. Rep. of.....	100,672	117,895	9,737	32.4	104.2	36,543	35,712	181.5	21,410
Ghana.....	¹³ 862	¹³ 811	186	¹³ 2.3	¹³ 3.1	²¹ 431	²¹ 305	3.5	²⁵ 122
Greece.....	6,778	2,724	33,956	14.6	24.1	1,623	²⁸ 855	39.2	895
Hong Kong.....	10,457	9,626	875	6.5	19.1	279	49	(NA)	182
Hungary.....	5,522	5,832	(NA)	(NA)	(NA)	13,024	23,557	12.4	974
India.....	6,593	6,222	5,759	¹³ 26 36.2	¹³ 26 29.0	¹³ 26 163,836	¹³ 26 144,030	80.1	1,496
Indonesia.....	6,230	10,853	1,272	¹⁷ 95.3	¹⁷ 13.9	3,809	853	72.3	806
Iran.....	13,750	24,245	1,195	¹³ 29 191.2	¹³ 29 13.6	¹³ 3,511	¹³ 4,827	44.0	1,137
Iraq.....	3,898	9,664	1,306	36.0	4.1	²⁶ 797	²⁶ 2,254	13.9	225
Ireland.....	5,378	4,396	212	(NA)	(NA)	873	596	20.0	636
Israel.....	4,663	2,959	421	³⁰ 4.7	³⁰ 5.0	¹³ 280	535	33.7	420
Italy.....	47,580	45,063	7,038	36.4	210.6	38,361	17,100	137.9	¹³ 17,607
Ivory Coast.....	1,752	2,156	157	³¹ 3.1	³¹ 4.7	1,172	551	2.6	¹³ 128
Jamaica.....	861	856	(NA)	¹³ 31 7.6	¹³ 31 2.6	83	186	13.3	(NA)
Japan.....	70,660	80,470	39,182	78.6	582.3	311,859	41,317	296.6	31,379
Korea, Rep. of.....	10,811	10,047	2,975	16.8	51.5	¹³ 14,305	¹³ 9,728	42.3	271
Kuwait.....	4,484	³² 9,798	2,240	¹³ 32 103.4	¹³ 32 1.9	(NA)	(NA)	15.7	381
Lebanon.....	¹⁶ 1,224	¹⁶ 497	278	¹⁵ 25.8	¹⁵ 4.4	¹⁵ 2	¹⁵ 42	42.6	¹⁵ 244
Liberia.....	464	447	80,191	¹³ 20.5	¹³ 1.3	(NA)	(NA)	(NA)	¹⁵ 22
Libya.....	¹⁸ 3,212	10,113	885	92.9	14.9	(NA)	(NA)	10.4	¹⁴ 394
Malaysia.....	³³ ³⁴ 4,024	³³ ³⁴ 4,565	552	³¹ 33 8.3	³¹ 33 11.5	³³ ³⁵ 1,273	³³ ³⁵ 1,210	29.9	³³ 658
Mexico.....	5,489	³⁶ 4,066	727	19.6	9.4	5,040	36,232	105.8	3,760
Morocco.....	3,194	1,300	341	18.4	8.2	835	3,474	24.0	¹³ 493
Netherlands.....	45,616	43,703	5,180	77.0	248.1	8,013	2,805	99.4	4,206
New Zealand.....	3,363	3,142	211	³⁷ 9.2	³⁷ 10.2	³⁸ 497	³⁸ 3,723	48.1	¹³ 1,402
Nigeria.....	11,306	11,823	324	¹³ 101.2	¹³ 5.0	¹⁵ 26 785	¹⁵ 26 972	17.6	¹⁶ 232

See footnotes at end of table.

NO. 1597. FOREIGN TRADE AND TRANSPORTATION—SHIPPING, RAILWAYS, AVIATION, AND MOTOR VEHICLES, BY COUNTRY—Continued

[See text, p. 894, for general comments about the data. Statistical coverage of all these items varies considerably among countries; for details, see source]

COUNTRY	FOREIGN TRADE, ¹ 1977		SHIPPING			RAIL TRAFFIC, ⁴ 1977		Civil aviation, kilometers flown, ⁵ 1977 (mil.)	Motor vehicles in use, ⁶ 1977 (1,000)
	Imports (mil. dol.)	Exports (mil. dol.)	Merchant shipping fleets, ² 1978 (1,000 gross tons)	Freight, ³ 1977 (mil. metric tons)		Passenger-kilometers (mil.)	Freight, net-ton kilometers (mil.)		
				Loaded	Unloaded				
Norway	12,877	8,717	26,128	¹⁷ 29.8	¹⁷ 21.8	2,004	2,567	53.9	1,269
Pakistan	2,447	1,149	442	¹⁹ 2.4	¹⁰ 7.2	³⁹ 12,993	¹³ ³⁹ 8,677	39.1	¹⁴ 288
Panama	¹³ 840	¹³ 237	20,749	1.2	3.4	(NA)	(NA)	8.1	¹⁴ 86
Peru	1,614	1,433	575	¹⁷ 10.4	¹⁷ 5.8	¹³ 528	612	23.9	467
Philippines.....	4,270	3,151	1,265	2.4	7.2	692	49	43.5	¹³ 667
Poland	¹⁸ 4,674	12,336	3,491	37.8	24.0	44,312	135,406	29.4	2,116
Portugal	4,963	2,023	1,240	4.3	15.7	4,151	885	34.6	¹³ 1,322
Romania.....	¹³ ¹⁸ 6,095	¹³ 6,138	1,428	³⁰ ⁴⁰ 4.3	⁴⁰ 4.9	²⁸ 23,206	70,035	19.4	⁴⁰ ⁴¹ 45
Saudi Arabia	14,651	³² 43,465	1,246	¹³ ³² 410.0	¹³ ³² 9.3	¹⁵ 72	¹⁵ 66	56.1	¹⁵ 112
Singapore.....	10,471	8,241	7,489	24.7	40.5	(³⁵)	(³⁵)	46.8	197
South Africa	¹⁸ 5,893	6,158	661	30.3	³⁰ 8.0	(NA)	²⁶ ⁴² 69,330	57.1	2,985
Soviet Union	¹⁸ 40,817	45,161	22,262	¹⁷ 154.0	¹⁷ 33.1	322,205	3,330,902	(NA)	(NA)
Spain	17,846	10,230	8,056	23.8	84.2	¹³ 16,686	¹³ 9,842	139.6	7,103
Sri Lanka	695	763	93	1.2	3.6	⁴³ 2,792	⁴³ 214	6.6	¹³ 143
Sweden	19,566	18,823	6,508	30.8	52.8	5,563	14,782	62.5	¹³ 3,043
Switzerland.....	17,979	17,682	231	(NA)	(NA)	9,240	6,324	89.3	2,087
Syria	2,657	1,063	(NA)	8.8	7.7	269	426	11.4	¹³ 119
Thailand	4,635	3,484	335	11.8	14.4	¹³ 5,628	¹³ 2,505	31.8	¹⁴ 533
Trinidad and Tobago	1,809	2,180	(NA)	20.8	14.9	(NA)	(NA)	13.7	150
Tunisia	1,825	921	(NA)	4.4	6.6	²⁸ 709	1,331	11.5	¹⁴ 170
Turkey	5,684	1,753	1,359	6.7	20.5	5,087	6,353	23.1	¹³ 702
United Kingdom...	63,677	57,547	30,897	77.6	158.2	⁴⁴ 29,290	⁴⁴ 22,728	334.6	¹³ 16,460
Uruguay	730	608	174	.5	2.4	389	307	3.6	¹³ 231
Venezuela	¹³ ¹⁸ 6,023	¹³ 9,299	824	¹⁶ ¹⁷ 189.9	¹⁴ ¹⁷ 6.7	²² 42	²² 15	43.6	¹⁴ 1,325
Yugoslavia	9,634	5,254	2,366	4.7	16.5	10,459	22,225	31.9	2,123
Zaire	609	981	110	¹³ .5	¹³ .7	¹³ 467	¹³ 2,203	11.8	¹⁵ 161
Zambia	¹⁸ 670	897	(NA)	(NA)	(NA)	(NA)	(NA)	8.6	¹³ ²⁵ 172

NA Not available. ¹ Covers merchandise, including silver (except current coin); excludes gold and issued paper currency. Imports generally valued c.i.f. (cost, insurance, and freight); exports, f.o.b. (free on board). Generally includes government trade (including foreign aid, war reparations, and military goods), trade of foreign concessionaires, and postal trade. See source for "general trade" or "special trade" distinctions. Roughly half the countries shown fall into each category, thus affecting comparability. ² As of June 30. Represents gross registered tons (see text, p. 664). Excludes vessels without mechanical means of propulsion; includes sailing vessels with auxiliary power. ³ Represents weight of all goods (including their packing) in external trade loaded to and unloaded from seagoing vessels of all flags at ports of country specified. For most countries, excludes bunkers, ships' stores, ballast, and transshipment (goods transhipped from an importing vessel to an exporting vessel). ⁴ Relates to domestic and international traffic on all railway lines within each country shown, excluding railways entirely within an urban unit and plantation, industrial mining, funicular, and cable railways. In general, passenger-kilometers include all passengers except military, government, and railway personnel when carried without revenue; ton-kilometers relate to freight net ton-kilometers and include all goods whether carried by fast or ordinary trains except service traffic, mail, baggage, and nonrevenue governmental stores. ⁵ Covers both domestic and international scheduled services operated by companies registered in each country. Includes supplementary services occasioned by overflow traffic on regularly scheduled trips and preparatory flights for new scheduled services. ⁶ Represents officially estimated number of vehicles in use. Includes passenger cars and commercial vehicles. For most countries shown, excludes 2- and 3-wheeled cycles and motorcycles, trams, trolley buses, ambulances, hearses, military vehicles, police and special purpose or government security vehicles, trailers, and farm tractors. ⁷ Excludes trade among each of the following countries: People's Republic of China, Mongolia, and Dem. People's Rep. of Korea. ⁸ Includes trade between the Federal Republic of Germany and German Democratic Republic. ⁹ Includes the Great Lakes. ¹⁰ Excludes traffic with U.S. Virgin Islands. ¹¹ Includes Great Lakes and St. Lawrence River international traffic. ¹² Class I railways only. ¹³ For 1976. ¹⁴ For 1975. ¹⁵ For 1974. ¹⁶ For 1973. ¹⁷ Excludes transit traffic and packing. ¹⁸ Imports f.o.b. ¹⁹ Year ending June 30. ²⁰ Includes Luxembourg. ²¹ For 1972. ²² For 1971. ²³ Source: U.S. Bureau of the Census. Data from Republic of China publications. ²⁴ For 1978. ²⁵ Includes vehicles no longer in circulation. ²⁶ Year beginning Apr. 1. ²⁷ Excludes crude petroleum imported without stated value. ²⁸ Includes military traffic. ²⁹ Year beginning Mar. 21. ³⁰ Excludes petroleum. ³¹ Includes coastwise traffic. ³² Includes petroleum from neutral zone. ³³ West Malaysia only. ³⁴ Includes intertrade between Malaysian States. ³⁵ Data for Singapore included in Malaysia. ³⁶ Excludes silver. ³⁷ Million manifest tons. ³⁸ Year ending Mar. 31. ³⁹ Year beginning July 1. ⁴⁰ For 1970. ⁴¹ Commercial vehicles only. ⁴² Includes Namibia. ⁴³ Year ending Sept. 30. ⁴⁴ Excludes Northern Ireland.

Source: Except as noted, Statistical Office of the United Nations, New York, N.Y., *Statistical Yearbook*, (Copyright.)

NO. 1598. COMMUNICATIONS—TELEPHONES, MAIL, NEWSPAPERS, RADIO, AND TELEVISION, BY COUNTRY

[See text, p. 894, for general comments about the data. For additional data qualifications for countries, see source]

COUNTRY	Tele- phones in use, ¹ 1977 (1,000)	Tele- phones per 100 popu- lation, 1977	Pieces of mail sent, domestic, ² 1977 (millions)	DAILY NEWSPAPERS, ³ 1975		RECEIVING SETS, 1976		
				Number	Circulation		Radios per 1,000 popula- tion ⁴	Televi- sion sets per 1,000 popula- tion ⁵
					Total (1,000)	Copies per 1,000 popu- lation		
World, total	423,082	10.4	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
United States	162,072	74.4	⁶ 7 8 86,970	1,812	61,222	287	⁷ 1,882	⁷ 57
Algeria	298	1.6	218	4	285	17	173	30
Argentina	2,342	9.0	⁹ 620	164	¹⁰ 2,773	(NA)	⁷ 838	⁷ 180
Australia	¹¹ 5,685	¹¹ 40.4	¹² 2,069	70	5,320	394	¹³ 770	¹³ 351
Austria	2,443	32.5	1,618	30	2,405	320	¹³ 291	¹³ 236
Bangladesh	98	.1	251	30	¹⁴ 356	(NA)	(NA)	(NA)
Belgium	3,100	31.5	2,581	30	2,340	239	¹³ 409	¹³ 268
Bolivia	¹⁵ 49	¹⁵ .9	3	14	199	35	74	(NA)
Brazil	4,836	4.1	2,178	¹⁵ 280	¹⁵ 4,050	¹⁵ 39	⁷ 158	¹³ 96
Bulgaria	946	10.7	(NA)	13	2,023	232	¹³ 314	¹³ 176
Burma	32	.1	⁷ 75	7	319	10	¹³ 22	-
Canada	14,488	61.8	¹⁶ 17 5,638	121	¹⁸ 4,872	(NA)	1,011	428
Chile	467	4.8	⁸ 68	47	(NA)	(NA)	172	68
China:								
Mainland	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	¹⁹ 16	¹⁵ 1
Taiwan ²⁰	²¹ 2,099	²¹ 12.2	²¹ 734	²¹ 31	(NA)	(NA)	90	²² 78
Colombia	1,396	5.6	²³ 119	40	²⁴ 1,248	(NA)	117	70
Costa Rica	151	7.2	9	6	174	88	74	77
Cuba	321	3.3	² 42	15	²⁵ 53	(NA)	222	69
Cyprus	83	13.5	14	12	²⁶ 78	(NA)	¹³ 313	¹³ 89
Czechoslovakia	2,863	19.0	¹⁵ 27 2,218	29	4,436	300	¹³ 263	¹³ 254
Denmark	²⁸ 2,718	²⁸ 53.4	¹⁶ 1,268	49	1,723	341	¹³ 365	¹³ 323
Dominican Republic	⁹ 127	⁹ 2.6	⁷ 6	10	197	42	41	33
Ecuador	221	2.9	7	29	331	49	¹⁹ 279	41
Egypt	²³ 503	²³ 1.4	206	²³ 14	²³ 773	²³ 21	138	⁷ 17
El Salvador	72	1.9	²⁹ 21	12	³⁰ 234	(NA)	340	33
Ethiopia	79	.3	¹⁵ 21	8	70	3	7	1
Finland	2,032	42.9	⁸ 676	60	(NA)	(NA)	¹³ 461	¹³ 363
France	17,519	32.9	⁹ 11,382	98	11,341	214	¹³ 330	¹³ 274
German Dem. Rep	2,860	17.1	968	40	7,946	472	¹³ 367	¹³ 309
Germany, Fed. Rep. of	22,932	37.4	12,368	334	19,298	312	¹³ 329	⁷ 13 311
Ghana	67	.7	¹⁶ 58	4	500	51	105	3
Greece	2,320	25.0	283	106	(NA)	(NA)	300	127
Guatemala	¹⁵ 53	¹⁵ 1.0	⁹ 27	11	³¹ 165	(NA)	42	19
Honduras	⁹ 19	⁹ .7	21	8	³² 99	(NA)	57	17
Hong Kong	⁹ 1,132	⁹ 25.5	¹⁰ 157	82	(NA)	(NA)	527	¹³ 191
Hungary	1,104	10.3	⁸ 1,611	27	2,454	233	⁷ 13 241	¹³ 236
Iceland	95	42.9	⁸ 18	5	94	431	¹³ 291	241
India	2,096	.3	¹⁰ 7,421	835	9,383	16	¹⁹ 24	¹³ 1
Indonesia	347	.3	189	172	³³ 2,171	(NA)	¹⁹ 37	2
Iran	⁹ 782	⁹ 2.3	³⁴ 858	20	484	15	63	51
Iraq	⁹ 320	⁹ 2.8	⁹ 33	7	³⁵ 192	(NA)	⁷ 113	37
Ireland	519	16.1	⁸ 16 320	7	693	222	¹³ 300	¹³ 207
Israel	³⁶ 993	³⁸ 27.1	¹⁶ 316	23	³⁷ 1,337	(NA)	189	137
Italy	16,125	28.5	⁹ 3,031	78	6,296	113	¹³ 232	¹³ 220
Jamaica	⁹ 109	⁹ 5.4	⁹ 77	9	³³ 131	(NA)	270	54
Japan	³⁶ 48,646	³⁸ 42.4	⁹ 16 12,186	²³ 108	²³ 57,820	²³ 526	530	⁷ 239
Kampuchea	⁷ 71	⁷ 11.2	¹⁵ 1	18	(NA)	(NA)	⁷ 14	4
Kenya	144	1.0	106	9	134	10	37	4
Korea, Republic of	1,976	5.4	720	36	6,010	173	139	¹³ 64
Kuwait	155	13.8	¹⁶ 5	²³ 6	²³ 80	²³ 86	487	⁷ 183
Lebanon	¹⁹ 192	¹⁹ 6.8	³⁸ 26	33	³⁹ 283	(NA)	540	144
Luxembourg	166	52.3	46	7	⁴⁰ 161	(NA)	575	293
Madagascar	⁹ 32	⁹ .4	⁷ 22	²³ 9	²³ 59	²³ 9	74	1
Malaysia	375	3.0	⁸ 41 330	31	1,038	87	118	45
Mexico	3,712	5.9	⁹ 1,068	256	(NA)	(NA)	⁷ 301	⁷ 64
Morocco	210	1.2	101	9	360	21	84	¹³ 29
Netherlands	5,846	41.8	3,737	¹⁹ 95	¹⁹ 4,100	¹⁹ 315	¹³ 290	¹³ 274
New Zealand	⁴² 1,674	⁴² 53.3	⁸ 16 17 578	39	(NA)	(NA)	865	¹³ 259
Nigeria	⁹ 121	⁹ .2	959	12	²⁶ 613	(NA)	79	2

See footnotes at end of table.

NO. 1598. COMMUNICATIONS—TELEPHONES, MAIL, NEWSPAPERS, RADIO, AND TELEVISION, BY COUNTRY—Continued

[See text, p. 894, for general comments about the data. For additional data qualifications for countries, see source]

COUNTRY	Tele- phones in use, ¹ 1977 (1,000)	Tele- phones per 100 popu- lation, 1977	Pieces of mail sent, domestic, ² 1977 (millions)	DAILY NEWSPAPERS, ³ 1975			RECEIVING SETS, 1976	
				Number	Circulation		Radios per 1,000 popula- tion ⁴	Televi- sion sets per 1,000 popula- tion ⁵
					Total (1,000)	Copies per 1,000 popu- lation		
Norway.....	1,563	38.6	¹² 1,008	80	1,657	412	¹³ 320	¹³ 270
Pakistan.....	⁹ 259	⁹ .3	⁹ 502	102	⁴³ 358	(NA)	¹³ 17	5
Panama.....	⁹ 155	⁹ 0.0	¹⁵ 7	6	131	79	157	108
Paraguay.....	⁹ 40	⁹ 1.4	(NA)	8	³² 73	(NA)	66	20
Peru.....	403	2.6	(NA)	35	(NA)	(NA)	129	37
Philippines.....	567	1.3	³⁸ 630	15	⁴⁴ 686	(NA)	43	18
Poland.....	2,925	8.4	⁸ ⁹ 1,730	44	8,429	248	¹³ 239	¹³ 198
Portugal.....	1,175	12.0	462	30	612	70	¹³ 161	¹³ 76
Puerto Rico.....	⁹ 515	⁹ 16.0	(NA)	²³ 5	²³ 405	²³ 132	549	196
Romania.....	⁷ 1,196	⁷ 5.6	⁷ 686	²³ 20	²³ 2,716	²³ 129	¹³ 145	¹³ 138
Saudi Arabia.....	⁹ 160	⁹ 2.1	52	²³ 11	²³ 96	²³ 11	28	14
Singapore.....	³⁸ 395	³⁸ 17.1	116	²³ 10	(NA)	(NA)	¹³ 156	¹³ 129
South Africa.....	2,191	8.3	1,383	24	1,776	70	96	(NA)
Soviet Union.....	⁴⁶ 19,600	⁴⁶ 7.5	5,069	691	100,928	397	⁷ 481	⁷ 217
Spain.....	9,528	26.1	3,578	115	3,491	98	259	185
Sri Lanka.....	⁷ 72	⁷ .5	¹⁶ 580	18	(NA)	(NA)	58	-
Sudan.....	62	.3	⁸ 32	4	(NA)	(NA)	⁷ 13 77	⁷ 6
Sweden.....	5,930	71.7	⁶ 2,551	135	4,678	572	¹³ 390	¹³ 363
Switzerland.....	4,145	65.7	2,929	95	2,573	402	¹³ 332	¹³ 285
Syria.....	193	2.5	¹⁵ 23	6	(NA)	(NA)	¹³ 224	30
Thailand.....	367	.8	184	56	(NA)	(NA)	⁷ 131	18
Trinidad and Tobago.....	⁹ 70	⁹ 6.5	⁴² 21	3	²⁵ 100	(NA)	253	103
Tunisia.....	144	2.5	70	4	190	33	141	36
Turkey.....	⁹ 1,131	⁹ 2.8	608	¹⁹ 437	(NA)	(NA)	¹³ 105	44
United Kingdom.....	23,182	41.5	⁸ ¹⁶ ¹⁷ ²⁰ 8,840	111	21,700	368	¹³ 706	¹³ 317
Uruguay.....	268	9.5	17	30	³⁹ 637	(NA)	516	114
Venezuela.....	⁷ 742	⁷ 6.0	²³ 202	49	¹⁷ 1,067	(NA)	407	116
Vietnam ⁴⁸	¹⁵ 47	¹⁵ .3	¹⁵ ²⁹ 59	(NA)	(NA)	(NA)	¹³ 24	-
Yugoslavia.....	1,556	7.1	644	26	1,896	89	¹³ 210	¹³ 161
Zimbabwe.....	⁹ 190	⁹ 2.9	112	3	116	18	39	11

- Represents zero. NA Not available. ¹ Comprises public and private telephones installed which can be connected to a central exchange. ² Items mailed for distribution within national territories. Comprises letters, postcards, printed matter, merchandise samples, small packets, and phonopost packets. Includes mail carried without charge, but excludes ordinary packages, and insured letters and boxes. ³ Publications containing general news and appearing at least 4 times a week; may range in size from a single sheet to 50 or more pages. Circulation data refer to average circulation per issue or number of printed copies per issue and include copies sold outside the country. ⁴ Data cover estimated number of receivers in use, except as noted, and apply to all types of receivers for radio broadcasts to the public, including receivers connected to a radio "redistribution system" but excluding television sets. ⁵ Estimated number of sets in use, except as noted. ⁶ Includes ordinary packages as well as insured letters and boxes. ⁷ For 1975. ⁸ Excludes small packets. ⁹ For 1976. ¹⁰ 147 dailies. ¹¹ Year ending June 30. ¹² Year beginning July 1. ¹³ Number of licenses issued. ¹⁴ 27 dailies. ¹⁵ For 1973. ¹⁶ Year beginning April 1. ¹⁷ Excludes printed matter. ¹⁸ 117 dailies. ¹⁹ For 1970. ²⁰ Source: U.S. Bureau of the Census. Data from Republic of China publications. ²¹ For 1978. ²² For 1977. ²³ For 1974. ²⁴ 34 dailies. ²⁵ 2 dailies. ²⁶ 10 or more dailies. ²⁷ Domestic and foreign. ²⁸ Includes Faeroe Islands and Greenland. ²⁹ Excludes postcards. ³⁰ 8 dailies. ³¹ 7 dailies. ³² 4 dailies. ³³ 55 dailies. ³⁴ For 1971. ³⁵ 5 dailies. ³⁶ As of March 31 of the following year. ³⁷ 19 dailies. ³⁸ For 1969. ³⁹ 17 dailies. ⁴⁰ 6 dailies. ⁴¹ Data refer to West Malaysia only. ⁴² Year ending March 31. ⁴³ 18 dailies. ⁴⁴ 12 dailies. ⁴⁵ For 1972. ⁴⁶ Excludes telephone systems of the military forces. ⁴⁷ 30 dailies. ⁴⁸ Data are for former Rep. of South Vietnam.

Source: Except as noted, Statistical Office of the United Nations, New York, N.Y., *Statistical Yearbook*. (Copyright.)

NO. 1599. MILITARY EXPENDITURES, IN CURRENT AND CONSTANT (1977) DOLLARS: 1970 TO 1978

[In millions of dollars, except as indicated. See also table 598. Data for expenditures and for GNP were based on local currencies which were deflated to constant 1977 local currency values before conversion to U.S. dollar equivalents. In general, the rates used for conversion are the 1977 average par/market exchange rates as supplied by IBRD (International Bank for Reconstruction and Development). Data by country exclude countries with 1978 military expenditures less than 500 million dollars. See also headnote, table 1600]

COUNTRY	CURRENT DOLLARS					CONSTANT (1977) DOLLARS						
	1970	1975	1976	1977	1978	1970	1975	1978	Per capita (dollars)		Percent of GNP ¹	
									1970	1978	1970	1978
World total ²	247.5	383.0	411.5	439.1	479.9	382.3	426.5	446.7	105	103	6.3	5.4
Europe ²	122.3	202.0	219.9	233.6	256.6	189.0	224.9	238.9	256	304	6.7	6.5
North America ^{2,3}	80.1	94.0	94.4	104.8	112.8	123.7	104.7	105.0	546	432	7.4	4.8
Latin America ²	3.3	6.7	5.9	6.6	7.4	5.1	7.5	6.9	18	20	1.8	1.6
Middle East ^{2,4}	7.5	25.6	30.3	29.4	32.6	11.5	28.5	30.3	115	245	10.5	13.4
East Asia ²	27.6	43.4	47.9	50.8	55.4	42.6	48.3	51.6	32	33	5.1	3.9
South Asia ²	2.1	3.7	3.9	4.1	4.8	3.2	4.2	4.5	4	5	3.2	3.3
Africa ^{2,4}	2.8	5.1	6.4	6.9	7.1	4.3	5.7	6.6	14	16	2.8	3.1
Oceania ²	1.9	2.4	2.7	2.9	3.2	2.9	2.7	3.0	180	142	3.2	2.5
United States.....	77,854	90,948	91,013	100,928	108,357	120,260	101,265	100,875	586	460	7.9	5.1
Argentina.....	467	1,012	1,081	1,026	1,567	722	1,127	1,459	30	54	1.8	3.0
Australia.....	1,712	2,208	2,455	2,598	2,893	2,645	2,459	2,694	208	189	3.4	2.6
Austria.....	256	450	497	543	649	395	502	604	53	80	1.1	1.3
Belgium.....	1,162	2,014	2,294	2,496	2,847	1,795	2,243	2,650	185	270	2.9	3.2
Brazil.....	1,273	2,525	1,671	1,668	1,743	1,967	2,812	1,623	20	13	2.3	.9
Bulgaria.....	1,107	1,995	2,165	2,312	2,346	1,710	2,221	2,184	201	248	10.2	9.8
Canada.....	2,225	3,097	3,414	3,877	4,411	3,437	3,448	4,106	161	174	2.4	2.0
China:												
Mainland.....	21,364	30,593	34,024	35,000	37,596	33,000	34,063	35,000	38	34	13.5	8.5
Taiwan.....	775	1,113	1,242	1,597	1,967	1,198	1,240	1,831	82	107	10.6	8.3
Cuba.....	228	393	(NA)	(NA)	987	352	437	918	41	94	4.9	(NA)
Czechoslovakia.....	2,075	3,424	3,503	3,722	4,053	3,205	3,812	3,773	224	249	6.3	5.8
Denmark.....	561	930	989	1,051	1,193	867	1,035	1,110	177	217	2.3	2.4
Egypt.....	645	924	1,148	1,359	1,354	996	1,028	1,261	30	31	12.8	8.5
France.....	7,832	12,209	13,362	14,865	16,587	12,099	13,594	15,442	238	289	4.2	3.9
German Dem. Rep.....	2,493	4,182	4,478	4,780	5,257	3,850	4,656	4,894	225	291	6.7	6.6
Germany, Fed. Rep.....	9,643	16,193	17,073	18,005	19,921	14,896	18,030	18,545	245	302	3.3	3.3
Greece.....	577	1,398	1,289	1,212	1,453	892	1,556	1,352	101	143	4.7	4.7
Hungary.....	1,116	1,612	1,576	1,606	1,793	1,723	1,794	1,669	167	156	7.2	5.5
India.....	1,564	2,819	2,896	3,076	3,645	2,416	3,139	3,394	4	5	3.0	3.2
Indonesia.....	561	1,292	1,354	1,465	1,580	867	1,439	1,480	7	10	3.3	3.1
Iran.....	2,045	8,646	9,521	8,747	10,598	3,160	9,627	9,866	109	270	7.8	14.2
Iraq.....	822	1,738	1,837	2,007	2,136	1,270	1,935	1,988	133	159	12.9	9.1
Israel.....	1,663	4,111	4,424	4,312	3,914	2,569	4,577	3,643	856	984	25.1	24.3
Italy.....	2,823	4,417	4,570	5,137	5,694	4,360	4,918	5,300	81	93	2.7	2.7
Japan.....	2,507	5,159	5,633	6,294	7,069	3,873	5,744	6,581	37	55	.8	.9
Korea, Dem. Peo. Rep.....	576	1,800	2,001	2,112	(NA)	890	2,004	(NA)	62	(NA)	15.7	(NA)
Korea, Rep. of.....	435	1,112	1,568	1,906	2,269	672	1,238	2,112	20	54	3.7	5.5
Kuwait.....	203	721	1,073	1,115	1,028	313	803	957	392	797	2.9	5.7
Malaysia.....	156	465	460	511	661	241	518	615	22	46	3.2	4.5
Netherlands.....	1,838	2,976	3,110	3,637	3,735	2,840	3,314	3,477	218	250	3.4	3.3
Nigeria.....	917	1,323	1,733	1,932	1,871	1,417	1,473	1,742	25	24	5.9	4.2
Norway.....	579	931	1,017	1,114	1,281	894	1,037	1,192	229	290	3.5	3.3
Oman.....	127	668	781	686	799	197	744	744	281	930	15.9	36.0
Pakistan.....	446	802	860	817	907	689	893	844	10	10	5.8	5.1
Peru.....	202	525	613	921	751	313	584	699	23	41	3.3	5.7
Philippines.....	94	509	567	583	655	146	567	610	3	13	1.1	2.8
Poland.....	3,213	5,672	6,446	6,486	6,874	4,963	6,315	6,399	152	183	7.4	6.3
Portugal.....	536	690	590	576	631	828	768	587	92	59	6.5	3.3
Romania.....	1,741	2,788	3,059	3,198	3,455	2,689	3,104	3,216	132	146	7.1	5.0
Saudi Arabia.....	1,481	7,105	9,288	8,952	10,284	2,288	7,911	9,574	369	1,088	11.9	16.1
South Africa.....	451	1,372	1,766	1,957	1,738	696	1,528	1,618	31	59	2.3	4.2
Soviet Union.....	72,000	119,200	131,100	139,600	153,600	111,217	132,721	142,994	457	547	13.0	12.2
Spain.....	1,673	2,721	2,688	2,087	2,265	2,585	3,029	2,109	76	57	3.1	1.8
Sweden.....	1,681	2,424	2,532	2,668	2,932	2,597	2,699	2,730	324	328	3.6	3.4
Switzerland.....	829	1,083	1,199	1,293	1,357	1,281	1,205	1,263	203	200	2.1	2.0
Syria.....	282	924	965	1,047	1,176	436	1,029	1,095	69	133	11.7	15.7
Thailand.....	229	385	480	611	720	355	429	670	9	14	3.0	3.3
Turkey.....	815	1,715	2,398	2,577	2,576	1,259	1,909	2,398	35	54	4.2	4.8
United Arab Em.....	(NA)	86	594	657	686	(NA)	96	639	(NA)	799	(NA)	5.8
United Kingdom.....	6,655	10,544	11,457	11,907	12,951	10,281	11,740	12,057	185	215	4.7	4.8
Venezuela.....	281	557	566	636	652	435	620	607	40	43	1.9	1.6
Yugoslavia.....	741	1,645	1,791	1,928	2,330	1,145	1,831	2,169	56	98	3.5	4.2

NA Not available. ¹ Military expenditure as percent of gross national product. ² In billions of dollars, except per capita and percent. World and regional totals include countries not listed. ³ U.S. and Canada only. ⁴ Egypt assigned to Middle East rather than to Africa.

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

NO. 1600. ARMED FORCES PERSONNEL—TOTAL AND PER 1,000 PERSONS, BY COUNTRY: 1970 TO 1978

[Personnel data as of July. Armed Forces refer to active-duty military personnel, including paramilitary forces where those forces resemble regular units in their organization, equipment, training, or mission. Reserve forces are not included. Countries which became independent during period shown are normally included beginning with first year in which they were independent for more than six months]

COUNTRY	ARMED FORCES PERSONNEL (1,000)						ARMED FORCES PER 1,000 POPULATION					
	1970	1974	1975	1976	1977	1978	1970	1974	1975	1976	1977	1978
World total.....	24,916	27,287	26,447	26,297	26,259	26,639	6.9	6.8	6.5	6.3	6.2	6.2
Europe.....	9,596	9,957	9,925	9,710	9,712	9,730	13.0	13.1	12.9	12.5	12.5	12.4
North America ¹	3,165	2,250	2,207	2,178	2,180	2,180	14.0	9.6	9.3	9.2	9.1	9.0
Latin America.....	1,117	1,248	1,297	1,328	1,436	1,500	4.0	4.1	4.1	4.1	4.3	4.4
Middle East ²	978	1,406	1,684	1,751	1,494	1,469	9.8	12.6	14.6	14.8	12.3	11.9
East Asia.....	7,128	8,988	7,801	7,795	7,850	8,234	5.5	6.3	5.4	5.2	5.2	5.4
South Asia.....	2,070	2,400	2,452	2,362	2,182	2,102	3.2	3.0	3.0	2.8	2.6	2.4
Africa ²	762	957	998	1,087	1,317	1,335	2.5	2.8	2.7	2.9	3.4	3.3
Oceania.....	100	81	83	86	87	87	6.3	4.7	4.7	4.2	4.2	4.2
NATO.....	6,311	5,486	5,253	5,028	4,978	4,926	11.8	10.0	9.5	9.0	8.9	8.7
Warsaw Pact.....	5,570	5,816	5,978	5,980	6,099	6,162	16.1	16.3	16.6	16.4	16.6	16.7
United States.....	3,070	2,170	2,130	2,100	2,100	2,100	15.0	10.2	10.0	9.8	9.7	9.6
Argentina.....	140	150	160	155	155	155	5.9	6.0	6.3	6.0	5.9	5.8
Australia.....	86	68	70	71	70	70	6.8	5.0	5.1	5.1	5.0	4.9
Austria.....	55	60	50	40	37	40	7.4	8.0	6.7	5.3	5.0	5.3
Belgium.....	110	100	87	87	85	90	11.3	10.2	8.9	8.9	8.7	9.2
Brazil.....	375	435	455	450	450	450	3.9	4.1	4.2	4.1	4.0	3.9
Bulgaria.....	175	174	175	177	177	164	20.6	20.0	20.1	20.1	20.1	18.6
Canada.....	95	80	77	78	80	80	4.5	3.6	3.4	3.4	3.4	3.4
China:												
Mainland.....	2,850	4,300	4,300	4,300	4,300	4,500	3.4	4.6	4.5	4.4	4.4	4.5
Taiwan.....	522	493	504	475	460	471	35.8	31.2	31.3	28.8	27.4	27.5
Cuba.....	140	140	120	125	200	210	16.3	15.2	12.9	13.2	20.8	21.6
Czechoslovakia.....	222	218	210	210	206	212	15.5	14.8	14.2	14.1	13.7	14.0
Denmark.....	45	35	35	35	34	34	9.2	7.0	6.9	6.9	6.8	6.8
Egypt.....	255	410	400	400	350	350	7.7	11.4	10.8	10.6	9.0	8.8
France.....	570	580	575	585	502	502	11.2	11.0	10.9	11.1	9.5	9.4
German Dem. Rep.....	202	215	220	220	222	228	11.8	12.7	13.0	13.1	13.2	13.6
Germany, Fed. Rep.....	510	505	495	495	469	489	8.4	8.1	8.0	8.0	8.0	8.0
Greece.....	180	180	191	200	280	184	20.5	20.0	21.2	21.7	31.2	19.6
Hungary.....	146	125	118	118	144	110	14.2	11.9	11.2	11.1	13.6	10.3
India.....	1,550	1,620	1,670	1,440	1,270	1,300	2.8	2.7	2.7	2.3	2.0	2.0
Indonesia.....	358	270	260	257	260	250	2.9	2.0	1.9	1.8	1.8	1.7
Iran.....	245	310	385	420	350	350	8.5	9.6	11.6	12.2	9.9	9.6
Iraq.....	95	110	155	190	140	140	10.0	10.1	13.8	16.4	11.7	11.2
Israel.....	105	160	190	190	165	165	35.0	47.1	54.3	54.3	45.8	44.6
Italy.....	435	500	500	432	330	365	8.1	9.0	9.0	7.7	5.9	6.4
Japan.....	236	237	237	236	236	239	2.3	2.2	2.1	2.1	2.1	2.1
Korea, Dem. People's Rep. of.....	438	470	470	500	520	632	30.8	29.4	28.5	29.4	29.5	34.9
Korea, Rep. of.....	645	634	630	610	600	600	19.5	17.6	17.2	16.4	15.8	15.6
Kuwait.....	10	15	25	25	10	10	12.5	16.7	25.0	22.7	9.1	8.3
Malaysia.....	58	75	76	80	79	82	5.3	6.2	6.1	6.3	6.1	6.2
Netherlands.....	115	105	112	112	109	100	8.8	7.8	8.2	8.1	7.9	7.2
Nigeria.....	200	300	270	270	300	204	3.6	4.7	4.1	4.0	4.3	2.8
Norway.....	35	35	35	39	39	39	9.0	8.8	8.8	9.8	9.8	9.5
Oman.....	4	10	12	18	12	12	5.7	14.3	15.0	22.5	15.0	15.0
Pakistan.....	390	500	502	604	588	518	5.9	6.8	6.7	7.8	7.4	6.3
Peru.....	80	90	95	100	125	125	5.9	6.0	6.1	6.3	7.7	7.5
Philippines.....	59	90	120	140	155	156	1.6	2.1	2.8	3.2	3.4	3.4
Poland.....	314	366	435	435	430	430	9.7	10.9	12.8	12.7	12.4	12.3
Portugal.....	230	310	217	60	58	58	25.6	34.1	23.1	6.2	6.1	5.9
Romania.....	211	218	220	220	220	218	10.4	10.4	10.4	10.3	10.1	10.0
Saudi Arabia.....	65	80	95	95	60	50	10.5	11.4	13.0	12.3	7.3	5.7
South Africa.....	40	45	50	59	67	78	1.8	1.8	2.0	2.3	2.5	2.9
Spain.....	365	375	375	368	309	321	10.8	10.7	10.6	10.3	8.5	8.7
Sweden.....	75	75	75	66	68	68	9.4	9.1	9.1	8.0	8.3	8.3
Switzerland.....	25	25	25	25	18	18	4.0	3.9	3.9	4.0	2.9	2.9
Syria.....	75	130	230	230	225	225	11.9	18.1	31.1	29.9	26.5	27.4
Thailand.....	175	221	227	228	230	250	4.7	5.4	5.4	5.3	5.2	5.5
Turkey.....	540	535	453	460	540	566	15.1	13.5	11.2	11.1	12.6	13.0
U.S.S.R.....	4,300	4,500	4,600	4,600	4,700	4,800	17.7	17.9	18.1	17.9	18.1	18.1
United Arab Emirates.....	(NA)	19	21	27	25	25	(NA)	38.0	35.0	38.6	31.3	31.3
United Kingdom.....	375	350	345	344	318	318	6.8	6.3	6.2	6.1	5.7	5.7
Venezuela.....	45	50	55	55	55	55	4.2	4.1	4.3	4.2	4.0	3.9
Vietnam ³	452	665	643	637	615	660	20.5	27.8	26.5	13.1	12.3	12.9
Yugoslavia.....	257	262	270	275	270	260	12.6	12.4	12.6	12.7	12.4	11.8

¹ U.S. and Canada only.

² See footnote 4, table 1599.

³ 1970-1975 cover Socialist Republic of Vietnam only.

No. 1601. MILITARY SHIPS OF SELECTED COUNTRIES, BY TYPE: 1975 TO 1980

[Includes vessels in reserve and ships under construction. Figures for oilers, supply ships, miscellaneous craft, and therefore total craft are based on different criteria from country to country and from year to year]

COUNTRY AND YEAR	Total	Air- craft carriers	Sub- marines	Cruis- ers	De- stroyers and frigates	Cor- vettes, fast attack, and patrol craft	Mine- war- fare forces	Am- phibious forces	Oilers and supply ships	Mis- cella- neous
U.S.: 1975.....	1,039	25	150	39	185	29	37	201	264	109
1979.....	1,888	20	156	32	200	15	25	258	6	1,176
1980.....	1,947	23	155	30	204	6	25	231	90	1,183
China: Mainland: 1975.....	1,983	-	64	-	20	865	28	515	41	450
1979.....	2,050	-	87	-	29	956	17	517	44	400
1980.....	2,207	-	92	-	29	997	97	538	54	400
France: 1975.....	458	3	29	2	62	59	60	32	38	173
1979.....	428	2	31	2	50	32	63	73	12	163
1980.....	404	2	29	2	57	23	50	71	12	158
Soviet Union: 1975.....	2,390	2	403	37	217	566	412	153	259	341
1979.....	2,596	4	456	43	227	519	421	416	56	454
1980.....	3,025	5	490	50	240	639	389	378	58	776
United Kingdom: 1975.....	615	3	36	14	73	15	48	63	54	309
1979.....	479	4	34	8	66	21	46	87	30	183
1980.....	527	5	35	8	74	19	51	86	31	218
1980:										
Albania.....	102	-	3	-	-	58	17	-	4	20
Argentina.....	154	1	10	1	22	47	6	34	3	30
Australia.....	122	1	6	-	13	27	5	12	2	56
Belgium.....	65	-	-	-	4	8	36	2	2	13
Brazil.....	209	1	8	-	19	42	6	66	4	63
Bulgaria.....	118	-	4	-	2	23	18	30	3	38
Canada.....	86	-	3	-	20	13	-	5	5	40
Chile.....	75	-	3	3	11	22	-	18	4	14
China: Taiwan.....	193	2	2	-	33	28	22	56	7	43
Colombia.....	61	-	4	-	5	26	-	3	1	22
Cuba.....	129	-	2	-	1	80	3	19	-	24
Denmark.....	126	-	6	-	10	81	15	-	2	12
Ecuador.....	43	-	2	-	2	20	-	5	1	13
Egypt.....	147	-	12	-	8	75	14	17	-	21
Finland.....	91	-	-	-	2	27	16	13	-	33
German Dem. Republic.....	265	-	-	-	2	104	50	47	8	59
Germany, Fed. Rep. of.....	327	-	25	-	29	56	60	37	21	94
Greece.....	235	-	11	-	16	37	16	114	8	33
India.....	135	1	8	1	29	28	13	25	7	23
Indonesia.....	162	-	6	-	11	43	5	79	6	12
Iran.....	101	-	-	-	7	63	5	9	4	13
Iraq.....	74	-	-	-	4	61	5	3	1	-
Israel.....	88	-	3	-	-	68	-	12	-	5
Italy.....	332	2	12	2	27	21	47	69	3	149
Japan.....	230	-	16	-	61	26	43	20	4	60
Korea, Dem. People's Rep. of.....	587	-	16	-	4	392	-	70	-	105
Korea, Rep. of.....	122	-	-	-	21	50	9	31	8	3
Libya.....	59	-	6	-	1	41	-	7	-	4
Malaysia.....	79	-	-	-	2	36	5	5	-	31
Mexico.....	114	-	-	-	8	81	-	5	2	18
Netherlands.....	162	-	8	-	26	11	46	16	2	53
New Zealand.....	20	-	-	-	4	4	-	4	-	8
Nigeria.....	107	-	-	-	2	38	-	5	-	62
Norway.....	115	-	15	-	5	57	13	9	-	16
Pakistan.....	61	-	12	1	7	24	7	1	2	7
Peru.....	91	-	12	3	9	33	-	8	7	19
Philippines.....	245	-	-	-	10	99	-	106	2	28
Poland.....	233	-	4	-	1	63	44	40	6	75
Portugal.....	78	-	3	-	17	27	4	21	2	4
Romania.....	146	-	-	-	-	112	28	-	-	6
Saudi Arabia.....	147	-	-	-	-	136	4	4	-	3
South Africa.....	48	-	3	-	3	17	10	3	1	11
Spain.....	341	2	12	-	35	88	15	103	17	69
Sweden.....	379	-	18	-	8	77	75	150	2	49
Syria.....	29	-	-	-	2	23	3	-	-	1
Thailand.....	142	-	-	-	9	48	16	56	2	11
Turkey.....	290	-	15	-	17	85	41	85	8	39
Venezuela.....	74	-	6	-	14	27	-	9	-	16
Yugoslavia.....	189	-	8	-	1	61	43	46	6	24

- Represents zero.

Source: Jane's Publishing, Inc., New York, *Jane's Fighting Ships*, annual. (Copyright by Jane's Publishing Company Ltd, London, England.)

NO. 1602. FOREIGN EXCHANGE RATES: 1965 TO 1979

[In U.S. cents per unit of foreign currency]

COUNTRY	Currency unit	1965	1970	1973	1974	1975	1976	1977	1978	1979
Australia	Dollar	222.78	111.36	141.94	143.89	130.77	122.15	110.82	114.82	111.77
Austria	Schilling	3.87	3.87	5.16	5.36	5.75	5.57	6.05	6.90	7.48
Belgium	Franc	2.01	2.01	2.58	2.57	2.73	2.59	2.79	3.18	3.41
Canada	Dollar	92.74	95.80	99.98	102.26	98.30	101.41	94.11	87.73	85.39
Denmark	Krone	14.46	13.33	16.60	16.44	17.44	16.55	16.65	18.16	19.01
France	Franc	20.40	18.09	22.54	20.80	23.35	20.94	20.34	22.22	23.50
Germany, Fed. Rep.	Deutsche mark	25.04	27.42	37.76	38.72	40.73	39.74	43.09	49.87	54.56
India	Rupee	20.94	13.23	12.07	12.46	11.93	11.15	11.41	12.21	12.27
Ireland	Pound	279.59	239.59	245.10	234.03	222.16	180.48	174.49	191.64	204.65
Italy	Lira .....	.16	.16	.17	.15	.15	.12	.11	.12	.12
Japan	Yen .....	.28	.28	.37	.34	.34	.34	.37	.48	.46
Mexico	Peso	8.01	8.01	8.00	8.00	8.00	6.92	4.42	4.39	4.38
Netherlands	Guilder	27.77	27.65	35.98	37.37	39.63	37.85	40.75	46.28	49.64
Norway	Krone	13.98	13.98	17.41	18.12	18.18	18.33	18.79	19.08	19.75
Portugal	Escudo	3.48	3.50	4.11	3.95	3.93	3.32	2.62	2.28	2.04
South Africa	Rand	139.27	139.24	143.88	146.98	136.47	114.85	114.99	115.01	118.72
Spain	Peseta	1.67	1.43	1.72	1.73	1.74	1.50	1.33	1.31	1.49
Sweden	Krona	19.39	19.28	22.97	22.56	24.14	22.92	22.38	22.14	23.32
Switzerland	Franc	23.11	23.20	31.70	33.69	38.74	40.01	41.71	56.28	60.12
United Kingdom	Pound	279.59	239.59	245.10	234.03	222.16	180.48	174.49	191.64	212.24

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

NO. 1603. FOREIGN EXCHANGE RATES, BY COUNTRY: 1977 TO 1979

[National currency units per U.S. dollar. As of December 31. Represents mid-point market quotations to extent available. For countries with fixed relationships to a third currency, represents exchange rates of the third currency, times the fixed relationships. For currencies not quoted in exchange markets, represents official rates. For countries with multiple exchange rate systems, represents rate applicable to principal trade transactions]

COUNTRY	Currency unit	EXCHANGE RATE			COUNTRY	Currency unit	EXCHANGE RATE		
		1977	1978	1979			1977	1978	1979
Algeria	Dinar	4.04	3.83	3.76	Kenya	Shilling	7.95	7.40	7.34
Argentina	Peso	597.5	1,004	1,619	Korea, Rep. of	Won	484	484	484
Australia	Dollar .....	.876	.869	.905	Kuwait	Dinar	280	272	273
Austria	Schilling	15.1	13.4	12.4	Liberia	Dollar	1.00	1.00	1.00
Belgium	Franc	32.9	28.8	26.0	Libya	Dinar	296	296	296
Bolivia	Peso	20.0	20.0	24.5	Malaysia	Ringgit	2.37	2.21	2.19
Brazil ¹	Cruzireiro	16.1	20.9	42.5	Mexico	Peso	22.7	22.7	22.8
Canada	Dollar	1.09	1.19	1.17	Netherlands	Guilder	2.28	1.97	1.91
Chile	Peso	28.0	34.0	39.0	New Zealand	NZ Dollar .....	.981	.938	1.01
Colombia ¹	Peso	38.1	41.0	44.0	Nicaragua	Cordoba	7.03	7.03	10.00
Costa Rica	Colon	8.57	8.57	8.57	Nigeria	Naira .....	.651	.648	.561
Denmark	Krone	5.78	5.09	5.37	Norway	Krone	5.14	5.02	4.93
Egypt ²	Pound .....	.391	.391	.700	Pakistan	Rupee	9.90	9.90	9.90
Finland	Markka	4.02	3.93	3.71	Peru	Sol	130.4	196.2	250.1
France	Franc	4.71	4.18	4.02	Philippines	Peso	7.38	7.38	7.42
Germany, Fed. Rep. of ..	D. Mark	2.11	1.83	1.73	Portugal	Escudo	39.9	46.0	49.8
Ghana	New Cedi	1.15	2.75	2.75	Saudi Arabia	Riyal	3.51	3.32	3.37
Greece	Drachma	35.5	36.0	38.3	Singapore	Dollar	2.34	2.16	2.16
Honduras	Lempira	2.00	2.00	2.00	South Africa	Rand .....	.870	.870	.827
India	Rupee	8.21	8.19	7.91	Spain	Peseta	80.9	70.1	66.1
Indonesia	Rupiah	415	625	627	Sri Lanka	Rupee	15.56	15.51	15.45
Iran	Rial	70.5	70.5	70.5	Sweden	Krona	4.67	4.30	4.15
Iraq	Dinar .....	.295	.295	.295	Switzerland ³	Franc	2.00	1.62	1.58
Ireland	Pound .....	.523	.492	.471	Tanzania	Shilling	7.96	7.41	8.22
Israel	Shekel	1,539	1,902	3,535	Thailand	Baht	20.4	20.4	20.4
Italy	Lira	872	830	804	Turkey	Lira	19.4	25.3	35.4
Ivory Coast	CFA Franc	235	209	201	United Kingdom	Pound .....	.525	.492	.450
Jamaica	Dollar .....	.909	1.895	1.782	Uruguay ¹	New Peso	5.41	7.05	8.46
Japan	Yen	240	195	240	Venezuela ¹	Bolivar	4.29	4.29	4.29
Jordan	Dinar .....	.315	.293	.295	Yugoslavia	Dinar	18.4	18.6	19.2
					Zaire .....	.....	.831	1,007	2,025
					Zambia	Kwacha .....	.780	.787	.779

¹ Selling rates: The rates at which monetary authorities (or commercial banks) sell foreign exchange for national currency to those making payments abroad. ² Represents official rates. ³ Buying rates: The rates at which the monetary authorities (or the commercial banks) buy foreign exchange for national currency from recipients of foreign exchange.

Source: International Monetary Fund, *International Financial Statistics*, monthly.

NO. 1604. TOTAL RESERVE ASSETS, AND CURRENT ACCOUNT BALANCES: 1970 TO 1979

[In millions of U.S. dollars. Assets include holdings of convertible foreign currencies, special drawing rights, and reserve position in International Monetary Fund and exclude gold holdings. Minus sign (-) denotes debits]

COUNTRY	TOTAL RESERVE ASSETS					CURRENT ACCOUNT BALANCES			
	1970	1975	1978	1979		1970	1975	1978	1979
				Total	Currency holdings ¹				
All countries²	56,251	185,299	317,613	355,620	323,690	(NA)	-6,342	-10,333	-22,412
United States.....	3,415	4,627	6,979	7,756	3,779	2,320	18,358	-14,548	-685
Algeria.....	148	1,128	1,981	2,659	2,518	(NA)	-1,860	-3,598	-1,730
Argentina.....	533	288	4,967	9,388	8,858	(NA)	-1,287	1,868	-426
Australia.....	1,454	2,954	2,062	1,424	1,176	-849	-608	-3,935	-1,932
Austria.....	1,044	3,583	5,047	4,075	3,565	(NA)	-330	-1,411	-1,782
Bahrain.....	63	290	493	614	603	(NA)	(NA)	(NA)	(NA)
Belgium.....	1,377	4,069	3,966	5,414	4,097	(NA)	259	-886	-3,810
Brazil.....	1,142	3,980	11,826	9,966	8,342	-837	-7,007	-7,035	-10,465
Canada.....	3,888	4,426	3,560	2,864	1,888	1,078	-4,671	-4,412	-4,358
Chile.....	342	56	1,090	1,938	1,861	-91	-565	-870	-876
China: Taiwan.....	540	1,074	1,406	1,467	1,392	(NA)	(NA)	(NA)	(NA)
Colombia.....	189	475	2,366	3,844	3,652	-293	-109	133	526
Denmark.....	419	803	3,129	3,236	2,953	-544	-501	-1,499	-2,735
Ecuador.....	64	270	670	767	729	-114	-221	-701	-584
Egypt.....	74	194	492	529	529	-	-1,371	-929	-1,517
Ethiopia.....	63	277	153	173	172	-34	-46	-109	-96
Finland.....	425	433	1,223	1,540	1,365	-239	-2,155	605	-284
France.....	1,428	8,457	9,278	17,579	16,100	-285	-42	3,766	1,535
Germany, Fed. Rep. of.....	9,630	26,216	48,474	52,549	47,348	740	3,727	8,551	-6,357
Greece.....	194	783	999	951	907	-405	-877	-972	-1,891
Guatemala.....	61	284	742	696	654	-10	-69	-267	-207
India.....	763	1,089	6,426	7,432	6,731	-394	-130	2,835	3,499
Indonesia.....	156	584	2,626	4,062	3,795	-310	-1,109	-1,477	939
Iran.....	77	6,744	11,977	15,208	14,561	-507	4,707	5,783	6,302
Iraq.....	319	2,559	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Ireland.....	681	1,513	2,668	2,212	2,039	-188	-36	-312	-1,769
Israel.....	405	1,137	2,625	3,063	3,016	-562	-2,122	-954	-1,472
Italy.....	2,465	1,394	11,109	18,162	17,259	-747	-571	6,351	5,110
Japan.....	4,308	11,950	32,407	18,522	16,357	(NA)	-619	17,528	-8,695
Jordan.....	228	459	886	1,140	1,112	-17	66	-278	-10
Korea, Republic of.....	606	781	2,764	2,959	2,910	-623	-1,860	-1,059	-4,152
Kuwait.....	117	1,492	2,500	2,871	2,357	(NA)	5,891	6,192	14,218
Lebanon.....	98	1,202	1,835	1,532	1,527	(NA)	(NA)	(NA)	(NA)
Libya.....	1,505	2,095	4,105	6,344	6,248	(NA)	392	2,120	7,364
Malaysia.....	616	1,456	3,243	3,915	3,711	8	-444	235	1,375
Malta.....	148	486	925	1,013	983	-4	66	80	53
Mexico.....	568	1,384	1,842	2,033	1,832	-1,068	-4,054	-2,594	-4,545
Morocco.....	119	352	618	557	537	-124	-526	-1,340	-1,521
Netherlands.....	1,454	4,884	5,088	7,591	6,469	-487	1,990	-1,386	-2,348
New Zealand.....	257	427	451	451	439	-29	-1,400	387	545
Nigeria.....	202	5,566	1,887	5,548	5,017	-368	42	-3,771	1,225
Norway.....	788	2,197	2,861	4,215	3,783	-242	-2,489	-2,079	-1,156
Oman.....	126	238	387	577	556	(NA)	(NA)	(NA)	(NA)
Pakistan.....	136	340	408	213	168	(NA)	-1,051	-706	-1,200
Peru.....	296	426	390	1,520	1,413	202	-1,541	-198	618
Philippines.....	195	1,315	1,763	2,250	2,216	-48	-923	-1,158	-1,565
Portugal.....	602	398	871	933	932	(NA)	-758	-475	138
Saudi Arabia.....	543	23,193	19,200	19,273	17,378	71	13,931	-1,027	10,857
Singapore.....	1,012	3,007	5,303	5,819	5,774	-572	-605	-756	-1,177
South Africa.....	346	489	423	434	401	-1,180	-2,442	1,534	3,557
Spain.....	1,319	5,506	10,112	13,224	12,777	111	-4,107	1,704	5,985
Sweden.....	561	2,839	4,124	3,304	2,838	-266	-365	-275	-2,619
Switzerland.....	2,401	7,019	17,763	16,435	16,162	72	2,591	4,436	2,434
Syria.....	27	702	380	(NA)	(NA)	-69	93	-452	87
Thailand.....	824	1,679	2,009	1,843	1,794	-250	-606	-1,149	-2,090
Trinidad and Tobago.....	43	751	1,805	2,138	2,047	-107	273	99	288
Tunisia.....	55	380	443	579	545	-53	-170	-501	-287
Turkey.....	304	918	833	767	767	-70	-1,848	-1,221	-1,005
United Arab Emirates.....	(NA)	988	812	1,432	1,330	(NA)	(NA)	(NA)	(NA)
United Kingdom.....	1,478	4,597	16,026	19,852	18,580	1,878	-3,766	1,147	-3,814
Uruguay.....	14	73	287	381	325	(NA)	-191	-125	-239
Venezuela.....	637	8,403	6,035	7,284	6,394	-104	2,170	-5,737	-288
Yemen Arab Republic.....	(NA)	338	1,459	1,427	1,408	(NA)	129	70	-124
Yugoslavia.....	89	812	2,388	1,257	1,203	(NA)	(NA)	(NA)	(NA)

- Represents zero. NA Not available. ¹ Holdings of convertible foreign currencies. ² Includes countries not shown separately.

Source: International Monetary Fund, Washington, D.C., *International Financial Statistics*, monthly with annual supplements.

**NO. 1605. TOTAL EXTERNAL PUBLIC DEBT, 1973 TO 1978, AND BY TYPE OF CREDITOR, 1978,
AND DEBT SERVICE PAYMENTS, 1973 TO 1978**

[In millions of dollars. External public debt is defined as debt repayable to external creditors in foreign currency, goods, or services, with an original or extended maturity of more than one year, which is a direct obligation of, or has repayment guaranteed by, a public body in the borrowing country. Excludes undisbursed debt (amounts not yet drawn by recipient) and unguaranteed private debt, which for some countries is substantial. Debt contracted for the purchase of military equipment is not usually reported. Debt service payments represent the sum of interest payments and repayments of principal on external public debt]

COUNTRY	TOTAL EXTERNAL PUBLIC DEBT							DEBT SERVICE PAYMENTS			
	1973	1975	1977	1978				1973	1975	1977	1978
				Total ¹	Bi-lateral official	Banks ²	Inter-national organizations				
Afghanistan	734	820	1,071	1,216	1,081	-	89	30	27	38	52
Algeria	2,932	4,477	8,379	13,168	1,562	7,682	191	300	457	1,028	1,488
Argentina	2,811	2,997	5,003	6,801	726	2,618	904	670	781	1,032	2,091
Bahrain	27	51	65	76	76	-	-	2	7	7	7
Bangladesh	355	1,618	2,309	2,796	1,828	24	819	10	67	66	94
Bolivia	631	797	1,374	1,666	568	630	280	46	74	152	350
Brazil	6,703	12,328	19,219	27,223	2,834	15,355	2,395	798	1,527	2,507	3,934
Burma	232	279	512	716	436	49	149	45	34	32	55
Cameroon	237	372	879	1,167	419	298	310	25	36	53	104
Chile	2,812	3,731	3,663	4,359	1,615	1,576	296	157	502	896	1,216
China: Taiwan	933	1,636	2,621	2,903	1,004	1,379	279	180	241	471	633
Colombia	1,914	2,348	2,680	2,833	984	568	1,016	210	249	314	402
Congo	185	346	477	690	342	75	93	14	34	37	28
Costa Rica	249	421	734	963	179	406	314	43	65	87	236
Dominican Republic	304	410	600	724	344	289	87	29	51	58	78
Ecuador	332	457	1,146	1,564	256	921	224	47	50	117	204
Egypt	2,200	4,793	8,051	9,879	6,124	610	2,331	571	594	1,095	1,207
Ethiopia	300	381	471	551	258	15	277	22	26	28	30
Gabon	346	728	1,252	1,168	228	696	44	63	89	137	308
Ghana	704	673	786	843	451	8	178	24	50	37	47
Greece	1,541	2,552	2,612	3,123	558	2,075	255	266	444	526	559
Guatemala	112	164	275	374	173	1	197	19	13	16	24
Guinea	601	754	817	906	637	19	106	25	35	67	64
Honduras	134	264	457	591	168	93	311	11	17	42	59
India	10,400	12,232	14,534	15,332	10,407	47	4,654	652	752	813	942
Indonesia	4,981	8,112	11,414	12,788	7,192	2,708	1,190	211	567	1,299	1,381
Iran	4,492	3,833	6,198	8,251	2,015	4,576	635	981	956	890	1,351
Iraq	449	403	761	878	428	365	81	72	63	116	232
Israel	4,527	5,915	8,085	9,209	5,535	1,460	114	474	712	632	538
Ivory Coast	578	916	1,962	2,880	457	1,615	358	72	132	288	424
Jamaica	338	682	922	1,036	360	372	160	38	79	145	184
Jordan	209	353	645	836	537	202	82	14	20	34	69
Kenya	433	545	854	953	313	167	407	30	34	55	114
Korea, Rep. of	3,616	5,590	8,622	11,992	3,561	3,529	1,639	623	668	1,170	1,795
Lebanon	56	46	39	125	25	85	15	11	8	10	10
Malaysia	720	1,278	2,053	2,671	522	1,332	573	86	144	446	704
Mali	285	354	449	540	404	11	115	5	3	7	9
Mauritania	106	188	460	574	294	70	99	13	40	41	27
Mexico	5,600	11,542	20,832	25,775	1,100	19,242	2,365	1,097	1,613	3,659	6,239
Morocco	981	1,687	3,505	4,675	1,602	2,121	527	128	137	235	499
Nicaragua	330	608	872	916	255	404	244	68	54	102	133
Nigeria	1,156	1,085	891	2,181	448	1,203	492	151	247	107	128
Oman	42	270	553	548	336	82	35	-	35	81	135
Pakistan	4,232	5,096	6,795	7,568	5,834	161	1,405	187	250	316	384
Panama	458	774	1,355	1,910	233	1,094	230	87	72	166	572
Peru	1,432	2,978	4,704	5,365	2,274	2,150	256	398	436	652	748
Philippines	877	1,377	2,938	4,188	1,039	1,254	853	214	225	313	651
Portugal	609	825	1,458	2,642	720	1,103	313	98	113	152	203
Senegal	204	300	437	587	187	198	157	30	40	58	106
Singapore	418	546	994	1,020	268	64	181	31	54	81	303
Somalia	138	220	401	591	498	-	91	3	4	11	13
Spain	1,704	3,409	6,970	7,606	1,065	4,284	524	373	390	844	2,427
Sri Lanka	485	598	781	1,013	740	(2)	221	55	138	123	89
Sudan	413	1,181	1,798	2,076	844	546	396	57	112	62	76
Syria	464	672	1,530	2,091	1,720	51	197	47	104	105	227
Tanzania	464	798	1,079	1,095	662	19	369	32	29	36	38
Thailand	443	618	1,050	1,777	549	502	717	55	73	118	186
Trinidad and Tobago	151	159	257	418	282	61	17	27	15	32	32
Tunisia	826	1,038	1,774	2,425	1,215	767	319	89	102	142	197
Turkey	2,869	3,159	4,288	6,223	3,974	59	1,462	207	262	362	448
Uruguay	344	617	708	766	110	198	145	94	228	245	425
Venezuela	1,541	1,262	4,427	6,921	216	4,586	278	308	539	827	750
Yemen Arab Republic	173	244	346	464	361	101	7	4	4	15	15
Yugoslavia	1,877	2,327	3,076	3,454	2,163	324	921	307	447	379	380
Zaire	882	1,683	2,698	2,566	836	972	298	93	155	121	502
Zambia	655	1,099	1,392	1,396	538	280	340	363	89	181	191

- Represents zero. Z Less than \$500,000. ¹Includes other types of creditors, not shown separately.

²Includes other private financial institutions.

Source: The World Bank, Washington, D.C., *World Debt Tables*, periodic.

NO. 1606. NET FLOW OF FINANCIAL RESOURCES TO DEVELOPING COUNTRIES, BY ORIGIN AND TYPE OF RESOURCE: 1965 TO 1978

[In billions of U.S. dollars. Net flow covers loans, grants, and grant-like flows minus amortization on loans. Developing countries cover countries designated by Development Assistance Committee as developing. The DAC list differs from the UN list (see table 1573) by the inclusion of Greece, Malta, Portugal, Spain, and Yugoslavia and the exclusion of South Africa. Official development assistance covers all flows to developing countries and multilateral institutions provided by official agencies, including State and local governments, or by their executive agencies, which are administered with the promotion of economic development and welfare of developing countries as their main objective and whose financial terms are intended to be concessional in character with grant element of at least 25 percent. Other official flows cover export credits and portfolio investment from the official sector]

ORIGIN AND TYPE OF RESOURCE	1965	1970	1972	1973	1974	1975	1976	1977	1978
Development Assistance Committee countries ¹	² 10.3	15.8	19.5	22.6	22.1	40.4	40.7	50.7	³ 71.4
Official development assistance	5.9	6.8	8.5	9.4	11.3	13.6	13.7	14.7	19.9
Bilateral grants ⁴	3.7	3.3	4.4	4.5	5.3	6.3	6.5	7.2	9.4
Bilateral loans	1.8	2.4	2.3	2.6	2.9	3.5	3.0	2.9	3.7
Multilateral contributions	.3	1.1	1.9	2.3	3.0	3.8	4.2	4.6	⁵ 6.8
Other official flows	.3	1.1	1.6	2.5	2.2	3.0	3.3	3.3	5.2
Private flows	4.1	7.0	8.3	9.4	7.4	22.4	22.4	31.2	44.6
Direct investment	2.5	3.7	4.2	4.7	1.1	10.5	7.8	9.5	11.4
Private export credits	.8	2.2	1.4	1.2	2.5	4.1	5.4	8.3	9.7
Portfolio investment	.9	1.2	2.7	3.5	3.7	7.8	9.2	13.4	23.5
Private voluntary agencies	(NA)	.9	1.0	1.4	1.2	1.3	1.4	1.5	1.7
Organization of Petroleum Exporting Countries ⁶	(NA)	(NA)	.5	1.7	6.0	8.2	8.1	7.6	5.3
Official development assistance	(NA)	(NA)	.4	1.3	3.4	5.5	5.6	5.8	3.7
Other official flows	(NA)	(NA)	.1	.4	2.5	2.7	2.5	1.8	1.6
Centrally-planned economies ⁶	(NA)	.9	1.2	1.4	1.2	1.0	.9	.9	.9
Official development assistance	(NA)	.8	1.1	1.3	1.1	.9	.8	.8	.8
Other official flows	(NA)	.1	.1	.1	.1	.1	.1	.1	.1
International bank lending ⁷	(NA)	.6	3.7	8.5	8.0	9.5	13.7	17.8	25.5
Total net flow to developing countries, by DAC									
Country ¹	² 10.3	15.8	19.5	22.6	22.1	40.4	40.7	50.7	71.4
United States	5.4	6.3	7.4	6.3	4.3	17.5	12.3	11.9	16.2
Australia	.1	.4	.4	.4	.5	.6	.5	.6	.7
Austria	(Z)	.1	.1	.1	.2	.2	.4	.5	.5
Belgium	.2	.3	.4	.5	.6	.9	1.2	1.3	2.8
Canada	.2	.6	1.0	1.1	1.7	2.0	2.5	2.4	2.2
Denmark	(Z)	.1	.1	.2	.2	.3	.5	.4	.6
Finland	(X)	(Z)	(Z)	(Z)	.1	.1	.1	.1	.1
France	1.3	1.8	2.1	2.8	3.4	3.9	5.3	5.2	7.9
Germany, Fed. Rep. of	.7	1.5	1.8	1.8	3.2	5.0	5.3	5.8	7.6
Italy	.3	.7	.7	.6	.4	1.6	1.5	2.0	3.2
Japan	.5	1.8	2.7	5.8	3.0	2.9	4.0	5.5	10.7
Netherlands	.2	.4	.7	.6	.9	1.3	1.7	2.1	2.7
New Zealand	(X)	(Z)	(Z)	(Z)	.1	.1	.1	.1	.1
Norway	(Z)	.1	.1	.1	.2	.3	.5	.5	.6
Sweden	.1	.2	.3	.4	.6	.8	1.1	1.6	1.3
Switzerland	.2	.1	.2	.3	.4	.7	1.3	3.9	3.7
United Kingdom	1.0	1.2	1.5	1.5	2.4	2.4	2.4	6.8	10.3

NA Not available. X Not applicable. Z Less than \$50 million. ¹ Includes flows to OPEC countries (see footnote 5). Comprises as donors Australia, Austria, Belgium, Canada, Denmark, Finland, France, Federal Republic of Germany, Italy, Japan, Netherlands, New Zealand, Norway, Sweden, Switzerland, United Kingdom, and United States. ² Excludes Finland and New Zealand. ³ Capital subscriptions to multilateral organizations in the form of demand instruments included for all countries (previously, only for some countries) as of date of issue. This results in the inclusion of \$1.6 billion more in 1978 than would have been recorded on the basis used for prior years. For full details, see source mentioned below. ⁴ Includes "grant-like" flows i.e., loans repayable in recipients' currencies. ⁵ Algeria, Iran, Iraq, Kuwait, Libya, Nigeria, Qatar, Saudi Arabia, United Arab Emirates, and Venezuela. ⁶ Bulgaria, Czechoslovakia, German Democratic Republic, Hungary, Poland, Romania, and Soviet Union. ⁷ Estimate of net change in outstanding long term assets or banking sector in DAC countries and their affiliates in non-DAC countries. DAC portion of total (\$20.3 billion in 1978) is included in private flows data, mainly under portfolio investment. Data for 1965-1975 are estimates based on movements in published syndicated bank loans.

Source: Organisation for Economic Co-operation and Development, Paris, France, *Report by the Chairman of the DAC, 1979 Review* and earlier issues, and unpublished data.

1980

101st EDITION

Section 34

Supplement to the Energy Section

This section presents data specifically on residential energy consumption, expenditures, conservation, and related housing characteristics. It is being substituted for the section on "Selected Current Topics," introduced last year.

Data shown are based on the National Interim Energy Consumption Survey (NIECS), designed by the U.S. Energy Information Administration (EIA). Final results of the survey are being published in a series of EIA reports, under the general title of *Residential Energy Consumption Survey*.

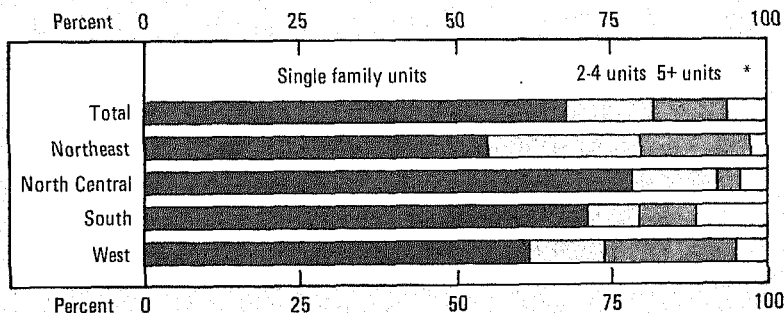
For the survey, a representative national sample of households was selected from the 48 contiguous States plus the District of Columbia. Data were obtained on 4,081 occupied housing units through interviews (3,842 households) or mail questionnaires (239 households) during the winter of 1978-1979. Data were collected on structural features; heating and cooling systems and the fuels used; energy conservation efforts; information on household appliances and vehicles; and demographic data on household members. Data on actual energy consumption were obtained from fuel records maintained by the households' fuel suppliers. Estimates presented have been weighted to reflect the entire population.

Some data on energy characteristics of housing units are also available from the Annual Housing Survey conducted by the Bureau of the Census. However, due to differences in geographic coverage, wording of questions, sample size and design, and other factors, data from the two surveys are not strictly comparable.

Some energy statistics are presented in terms of British thermal units (Btu's). A Btu is the amount of energy required to raise the temperature of one pound of water, one degree Fahrenheit at or near 39.2 Fahrenheit and one atmosphere of pressure.

Figure 34.1

Occupied Housing Units — Percent Distribution, By Region and By Type of Housing Structures: 1978-1979



*Mobile homes, other

Source: Chart prepared by U.S. Bureau of the Census. For data, see table 1607.

NO. 1607. OCCUPIED HOUSING UNITS, BY REGION AND TYPE OF HOUSING STRUCTURE: 1978-1979

[As of winter 1978-1979. Excludes Alaska and Hawaii. Covers year-round units only. For composition of regions, see fig. 1, inside front cover]

TYPE	NUMBER (1,000)					PERCENT DISTRIBUTION				
	Total	North-east	North Central	South	West	Total	North-east	North Central	South	West
Total units	76,608	17,363	20,614	24,603	14,028	100.0	100.0	100.0	100.0	100.0
Single family detached	48,547	7,915	15,493	16,940	8,199	63.4	45.6	75.2	68.9	58.4
Single family attached	3,128	1,814	578	497	439	4.1	9.3	2.8	2.0	3.1
2-4 unit buildings	10,749	4,240	2,795	2,006	1,709	14.0	24.4	13.6	8.2	12.2
5 or more unit buildings	9,151	3,112	793	2,284	2,961	11.9	17.9	3.8	9.3	21.1
Mobile home	4,805	352	890	2,843	720	6.3	2.0	4.3	11.6	5.1
Other	228	130	65	33	-	.3	.7	.3	.1	-

- Represents zero or rounds to zero.

Source: U.S. Energy Information Administration, *Residential Energy Consumption Survey: Characteristics of the Housing Stock and Households*, February 1980.

NO. 1608. OCCUPIED HOUSING UNITS—SELECTED CHARACTERISTICS, BY CENSUS REGIONS AND TYPE OF HOUSING STRUCTURE: 1978-1979

[In thousands. As of winter 1978-1979. Excludes Alaska and Hawaii. Covers year-round units only. For composition of regions, see fig. 1, inside front cover]

ITEM	Total ¹	North-east	North Central	South	West	Single family detached	Single family attached	2-4 unit building	5 or more unit building	Mobile home
Total units	76,608	17,363	20,614	24,603	14,028	48,547	3,128	10,749	9,151	4,805
Year house built:										
1939 or earlier	25,159	8,118	8,682	4,467	3,891	15,667	1,008	5,381	2,961	48
1940-1949	7,548	1,862	1,707	2,646	1,333	6,281	307	683	159	37
1950-1959	13,761	2,791	3,679	4,968	2,323	10,941	449	595	1,281	495
1960-1969	16,127	2,392	3,354	6,667	3,714	9,266	570	1,844	3,104	1,289
1970-1974	8,768	1,099	1,935	3,927	1,807	3,658	719	1,067	1,270	2,055
1975 or later	5,245	1,100	1,257	1,928	959	2,734	76	1,179	376	880
Number of windows per room:										
One or fewer	26,370	5,483	6,325	8,173	6,389	13,370	1,599	5,029	5,736	603
Two	33,180	8,389	8,771	11,233	4,787	22,826	1,246	4,104	2,704	2,163
Three	11,329	2,440	3,501	3,521	1,867	8,124	249	1,261	467	1,213
Four or more	5,729	1,051	2,017	1,676	986	4,227	35	355	244	825
Air-conditioning—										
Central air only	17,401	1,545	5,010	8,947	1,899	10,932	1,043	1,902	2,388	1,135
Individual units only	25,135	6,321	7,200	9,265	2,348	16,378	768	3,231	2,861	1,765
Both central air and room units	235	19	92	124	-	235	-	-	-	-
No air-conditioning	33,837	9,477	8,312	6,267	9,781	21,002	1,318	5,616	3,901	1,905
Number of rooms air-conditioned:										
All	22,877	1,781	6,349	12,652	2,095	14,307	1,003	2,587	3,130	1,812
Some	19,894	6,105	5,953	5,684	2,152	13,239	808	2,546	2,119	1,088
None	33,837	9,477	8,312	6,267	9,781	21,002	1,318	5,616	3,901	1,905
Utilities paid by household:										
All	65,969	12,507	18,850	22,414	12,198	48,027	2,745	7,246	3,238	4,539
Some	6,799	3,491	1,320	802	1,186	187	344	2,566	3,589	92
None	3,285	1,182	319	1,249	535	193	-	783	2,119	156
Other	556	184	125	138	109	140	39	155	205	17
Value of residence:²										
Less than \$20,000	7,347	848	2,033	4,009	457	4,069	266	225	40	2,748
\$20,000-\$39,000	15,788	3,041	4,888	6,449	1,410	13,654	780	508	107	740
\$40,000-\$59,000	13,625	4,113	3,961	3,950	1,601	11,290	847	1,118	241	128
\$60,000-\$79,000	6,845	1,338	2,214	1,574	1,719	6,429	155	139	19	103
\$80,000-\$99,000	3,335	539	877	588	1,330	3,016	89	123	86	21
\$100,000 or more	4,068	362	1,460	666	1,579	3,615	96	224	98	34
Monthly rent:										
Rent free	1,205	213	380	388	224	762	17	144	199	82
Less than \$150	8,582	1,422	2,363	3,369	1,428	3,028	193	2,760	2,006	510
\$150-\$299	13,309	4,553	1,994	3,158	3,605	2,113	622	4,795	5,211	440
\$300 or more	2,505	933	445	452	675	570	63	713	1,144	-

- Represents zero or rounds to zero.

¹ Includes other types of structures not shown separately.

² Covers owner-occupied units only.

Source: U.S. Energy Information Administration, *Residential Energy Consumption Survey: Characteristics of the Housing Stock and Households*, February 1980.

NO. 1609. OCCUPIED HOUSING UNITS, BY TYPE OF PRIMARY HEATING FUEL: 1978-1979

[In thousands. As of winter 1978-1979. Excludes Alaska and Hawaii. Covers year-round units only]

TYPE OF FUEL	Total units ¹	PRIMARY HEATING EQUIPMENT							FUEL FOR SECONDARY HEATING EQUIPMENT			
		Warm air furnace with ducts	Steam or hot water system	Room heaters ²	Floor, wall, or pipe-less furnace	Built in electric units	Fire-place or stove	Portable space heaters	Wood	Electricity	Natural gas	Not applicable
Total.....	76,608	38,394	12,365	7,472	5,999	5,608	2,242	1,786	10,754	6,356	3,914	53,876
Natural gas.....	41,845	24,557	5,482	5,468	4,739	53	142	761	4,446	3,283	3,143	30,769
Fuel oil, kerosene.....	16,919	7,695	6,723	1,312	556	18	56	84	2,876	1,344	288	11,887
Electricity.....	12,071	4,453	69	14	129	5,537	42	574	2,819	698	322	7,750
Liquid petroleum gas.....	3,124	1,469	73	661	520	-	19	367	546	383	-	2,005
Wood.....	1,885	54	-	15	36	-	1,781	-	49	433	161	805
Other.....	405	165	18	-	19	-	202	-	18	35	-	300
Not applicable.....	359	-	-	-	-	-	-	-	-	-	-	359

- Represents zero or rounds to zero.

¹ Includes items not shown separately.² With or without flue.

NO. 1610. HOUSING UNITS—SELECTED CHARACTERISTICS, BY TYPE OF PRIMARY HEATING FUEL AND EQUIPMENT: 1978-1979

[In thousands. As of winter 1978-1979. Excludes Alaska and Hawaii. Covers year-round units only. For composition of regions, see fig. 1, inside front cover]

ITEM	Total occupied housing units ¹	PRIMARY HEATING FUEL					PRIMARY HEATING EQUIPMENT				
		Natural gas	Fuel oil, kerosene	Electricity	LPG ²	Wood	Warm air furnace with ducts	Steam or hot water system	Room heaters ³	Floor, wall, or pipeless furnace	Built in electric units
Total ⁴.....	76,608	41,845	16,919	12,071	3,124	1,885	38,394	12,365	7,472	5,999	5,608
Northeast.....	17,363	6,962	8,829	1,435	85	22	6,482	8,432	182	211	1,255
North Central.....	20,614	15,298	3,117	1,095	782	240	14,498	2,582	1,352	707	593
South.....	24,603	10,018	4,187	6,720	1,996	1,233	10,809	686	4,294	2,554	1,926
West.....	14,028	9,567	787	2,822	260	391	6,606	665	1,644	2,527	1,835
Urban.....	56,823	36,626	11,330	7,544	702	79	29,326	10,542	5,381	4,842	3,457
Rural.....	19,785	5,219	5,589	4,527	2,423	1,807	9,069	1,823	2,093	1,158	2,151
Heating and cooling degree day zones: ⁵											
Less than 2,000 HDD and											
More than 7,000 HDD.....	6,267	2,982	1,930	1,140	176	22	3,120	1,402	393	188	1,057
5,500-7,000 HDD.....	21,606	14,311	4,563	2,032	321	192	13,058	5,009	640	914	1,240
4,000-5,499 HDD.....	20,319	9,327	7,517	2,293	569	562	9,774	5,644	1,134	759	1,457
Less than 4,000 HDD.....	16,814	9,330	1,827	3,481	1,035	823	7,005	277	2,526	3,019	1,409
More than 2,000 CDD and less than 4,000 HDD.....	11,602	5,895	1,082	3,124	1,023	286	5,437	33	2,779	1,119	446
Single family detached.....	48,547	26,942	11,138	6,424	1,895	1,680	25,246	9,956	5,102	4,207	3,016
Single family attached.....	3,128	2,244	353	435	41	17	1,845	602	153	111	283
2-4 unit building.....	10,749	6,742	2,129	1,586	242	-	4,964	2,659	1,299	568	895
5 or more unit building.....	9,151	4,427	2,027	2,503	22	-	2,897	3,112	542	625	1,191
Mobile home.....	4,805	1,295	1,272	1,110	924	188	3,329	37	312	487	209
Year house built:											
1939 or earlier.....	25,159	14,318	7,690	1,135	841	788	8,998	7,116	3,659	2,056	892
1940-1949.....	7,548	4,873	1,868	408	120	205	3,512	1,275	885	1,109	239
1950-1959.....	13,761	7,951	3,636	1,336	374	228	7,727	1,602	1,537	1,161	537
1960-1969.....	16,127	8,913	2,172	3,791	863	322	8,916	2,091	1,042	991	1,806
1970-1974.....	8,768	3,716	1,124	3,044	712	172	5,897	229	313	585	1,213
1975 or later.....	5,245	2,074	430	2,357	194	171	3,343	54	35	98	920
1977 family income:											
Less than \$5,000.....	11,030	6,421	2,182	1,162	476	389	3,543	1,965	2,566	882	720
\$5,000-\$9,999.....	14,623	8,004	3,369	1,771	931	424	6,946	2,260	1,828	1,491	906
\$10,000-\$14,999.....	14,604	7,757	3,004	2,738	655	292	7,306	1,860	1,625	1,296	1,134
\$15,000-\$19,999.....	11,635	5,776	2,804	2,090	486	412	5,652	2,004	908	896	852
\$20,000-\$24,999.....	9,808	5,493	2,178	1,611	366	144	5,865	1,779	285	627	684
\$25,000 or more.....	14,908	8,394	3,382	2,698	210	224	9,082	2,498	260	808	1,312

- Represents zero or rounds to zero.

¹ Includes types of fuel and equipment not shown separately.² Liquid petroleum gas.³ With or without flue.⁴ Includes other type of housing structure not shown separately.⁵ See fig.

34.3, p. 938.

Source of tables 1609 and 1610: U.S. Energy Information Administration, *Residential Energy Consumption Survey: Characteristics of the Housing Stock and Households*, February 1980.

NO. 1611. TOTAL RESIDENTIAL ENERGY CONSUMPTION AND EXPENDITURES, BY REGION: 1978-1979

[For period April 1978 to March 1979. Excludes Alaska and Hawaii. Covers year-round occupied units only. For composition of regions, see fig. 1, inside front cover. Excludes household usage of gasoline for transportation and the use of wood or coal. Btu=British thermal unit; see text, p. 931]

ITEM	Unit	AMOUNT					PERCENT				
		All house- holds	North- east	North Cen- tral	South	West	All house- holds	North- east	North Cen- tral	South	West
ENERGY CONSUMED											
Total.....	Tril. Btu.	10,563	2,887	3,702	2,433	1,540	100.0	100.0	100.0	100.0	100.0
Avg. per household.....	Mill. Btu.	138	166	180	99	110	(x)	(x)	(x)	(x)	(x)
Natural gas.....	Tril. Btu.	5,575	1,144	2,525	959	947	52.8	39.6	68.2	39.4	61.5
Electricity.....	Tril. Btu.	2,469	391	586	1,004	478	23.4	13.5	16.1	41.3	31.0
Fuel oil, kerosene.....	Tril. Btu.	2,192	1,324	463	319	86	20.8	45.9	12.5	13.1	5.6
Liquid petroleum gas.....	Tril. Btu.	327	29	118	151	29	3.1	1.0	3.2	6.2	1.9
EXPENDITURES											
Total.....	Mill. dol.	55,469	15,402	16,916	16,572	6,579	100.0	100.0	100.0	100.0	100.0
Avg. per household.....	Dollars	724	887	821	674	469	(x)	(x)	(x)	(x)	(x)
Natural gas.....	Mill. dol.	15,296	3,909	6,480	2,734	2,173	27.6	25.4	38.3	16.5	33.0
Electricity.....	Mill. dol.	29,887	5,992	8,128	11,806	3,961	53.9	38.9	48.0	71.2	60.2
Fuel oil, kerosene.....	Mill. dol.	8,623	5,272	1,771	1,258	323	15.5	34.2	10.5	7.6	4.9
Liquid petroleum gas.....	Mill. dol.	1,663	229	536	777	121	3.0	1.5	3.2	4.7	1.8

X Not applicable.

NO. 1612. TOTAL RESIDENTIAL ENERGY CONSUMPTION AND EXPENDITURES FOR DETACHED SINGLE FAMILY OWNER OCCUPIED HOMES: 1978-1979

[For period April 1978 to March 1979. Excludes Alaska and Hawaii. Covers year-round units only. For composition of regions, see fig. 1, inside front cover. Excludes household usage of gasoline for transportation and use of wood or coal. Btu=British thermal unit; see text, p. 931]

ITEM	Number of house-holds (1,000)	CONSUMPTION							EXPENDITURES		
		In Btu					Natural gas (bil. cu. ft.)	Elec- tricity (bil. kWh)	Fuel oil 2 (mil. gal.)	Total (bil. dol.)	Average per house-hold (dol.)
		Total 1 (tril.)	Average per house-hold (mil.)	Natural gas (tril.)	Electricity (tril.)	Fuel oil 2 (tril.)					
Total	42,074	6,630	158	3,488	1,615	1,328	3,416	473	9,577	34.7	825
Northeast	7,355	1,449	197	577	212	645	565	62	4,650	7.9	1,071
North Central	13,855	2,664	192	1,744	461	377	1,708	135	2,717	12.4	893
South	14,255	1,635	115	645	656	243	632	192	1,751	10.9	762
West	6,609	882	133	523	286	64	512	84	459	3.6	546
Urban	28,013	4,746	169	2,942	979	802	2,882	287	5,780	23.6	843
Rural	14,061	1,884	134	546	636	527	535	186	3,797	11.1	790
Inside SMSA's 3	26,623	4,446	167	2,552	941	886	2,500	276	6,387	22.9	859
Outside SMSA's 3	15,451	2,184	141	936	674	442	917	197	3,190	11.9	768
Year house built:											
1939 or earlier	12,570	2,238	178	1,163	392	608	1,139	115	4,384	10.7	848
1940-1949	5,168	764	148	436	153	161	427	45	1,161	3.9	745
1950-1959	9,760	1,558	160	812	363	347	795	106	2,500	8.2	843
1960-1969	8,519	1,259	148	726	369	120	712	108	866	7.1	834
1970-1974	3,462	457	132	192	183	61	188	54	437	2.8	805
1975 or later	2,594	353	136	159	155	32	156	45	229	2.1	805
Value of residences:											
Less than \$20,000	4,069	486	120	290	101	67	284	30	483	2.4	595
\$20,000-\$39,000	13,654	1,937	142	1,065	460	352	1,043	135	2,539	10.1	740
\$40,000-\$59,000	11,290	1,815	161	913	441	426	894	129	3,071	9.8	869
\$60,000-\$79,000	6,429	1,127	175	599	282	206	587	83	1,468	5.9	911
\$80,000-\$99,000	3,016	545	181	286	139	101	280	41	730	2.8	933
\$100,000 or more	3,615	720	199	335	192	176	328	56	1,266	3.7	1,028
1977 family income:											
Less than \$5,000	3,890	462	119	243	88	111	238	26	797	2.2	565
\$5,000-\$9,999	6,506	889	137	498	183	164	488	54	1,185	4.4	675
\$10,000-\$14,999	7,020	969	138	483	257	199	473	75	1,436	5.3	751
\$15,000-\$19,999	7,025	1,082	154	541	292	200	530	86	1,442	5.9	833
\$20,000-\$24,999	6,569	1,096	167	603	272	194	590	80	1,398	5.8	886
\$25,000 or more	11,063	2,131	193	1,121	523	460	1,098	153	3,318	11.2	1,012

¹ Includes liquid petroleum gas, not shown separately. ² Includes kerosene. ³ Refers to 243 standard metropolitan statistical area (SMSA's) as designated in 1970 census publications. For definition, see Appendix II.

Source of tables 1611 and 1612: U.S. Energy Information Administration, *Residential Energy Consumption Survey: Consumption and Expenditures, April 1978 through March 1979*, July 1980.

NO. 1613. RESIDENTIAL ENERGY CONSUMPTION, BY TYPE OF FUEL AND SELECTED HOUSEHOLD CHARACTERISTICS: 1978-1979

[For period April 1978 to March 1979. Excludes Alaska and Hawaii. Covers year-round units only. Excludes household usage of gasoline for transportation, and use of wood or coal. Btu=British thermal unit; see text, p. 931]

CHARACTERISTIC	Number of occupied housing units (1,000)	AMOUNT CONSUMED (Btu)					PERCENT DISTRIBUTION				
		All fuels ¹		Natural gas (tril.)	Electricity (tril.)	Fuel oil, kerosene (tril.)	Occupied housing units	Consumption			
		Total (tril.)	Average per household (mil.)					All fuels ¹	Natural gas	Electricity	Fuel oil, kerosene
Total households²	76,608	10,563	138	5,575	2,469	2,192	100.0	100.0	100.0	100.0	100.0
Urban.....	56,823	8,035	141	4,837	1,615	1,521	74.2	76.1	86.8	65.4	69.4
Rural.....	19,785	2,527	128	739	854	670	25.8	23.9	13.3	34.6	30.6
Inside SMSA's ³	51,643	7,339	142	4,161	1,495	1,572	67.4	69.5	74.6	60.6	71.7
Outside SMSA's ³	24,965	3,224	129	1,414	974	619	32.6	30.5	25.4	39.4	28.2
Heating and cooling degree day zones: ⁴											
Less than 2,000 HDD and—											
More than 7,000 HDD	6,267	1,017	162	470	194	318	8.2	9.6	8.4	7.9	14.5
5,500-7,000 HDD	21,606	3,617	167	2,269	623	662	28.2	34.2	40.7	25.2	30.2
4,000-5,499 HDD	20,319	3,209	158	1,475	622	1,031	26.5	30.4	26.5	25.2	47.0
Less than 4,000 HDD	16,814	1,661	99	849	598	143	21.9	15.7	15.2	23.8	6.5
More than 2,000 HDD and less than 4,000 HDD	11,602	1,059	91	512	442	38	15.1	10.0	9.2	17.9	1.7
Single family detached.....	48,547	7,476	154	3,999	1,798	1,454	63.4	70.8	71.7	72.8	66.3
Single family attached.....	3,128	435	139	288	96	46	4.1	4.1	5.2	3.9	2.1
2-4 unit building.....	10,749	1,423	132	826	221	359	14.0	13.5	14.8	9.0	16.4
5 or more unit building	9,151	751	82	319	175	253	11.9	7.1	5.7	7.1	11.5
Mobile home.....	4,805	453	94	122	177	80	6.3	4.3	2.2	7.2	3.6
Other.....	228	24	106	22	2	-	.3	.2	.4	.1	-
Own.....	51,007	7,768	152	4,017	1,914	1,572	66.6	73.5	72.1	77.5	71.7
Rent.....	24,396	2,631	108	1,477	523	584	31.8	24.9	26.5	21.2	26.6
Year house built:											
1939 or earlier.....	25,159	3,979	158	2,118	589	1,171	32.8	37.7	38.0	23.9	53.4
1940-1949	7,548	1,066	141	623	205	220	9.9	10.1	11.2	8.3	10.0
1950-1959	13,761	1,963	143	1,026	459	428	18.0	18.6	18.4	18.6	19.5
1960-1969	16,127	1,963	122	1,085	571	220	21.1	18.6	19.6	23.1	10.0
1970-1974	8,768	998	114	444	393	103	11.4	9.4	8.0	15.9	4.7
1975 or later.....	5,245	595	113	270	252	49	6.8	5.6	4.8	10.2	2.2
Value of residence: ⁵											
Less than \$20,000.....	7,347	821	112	437	209	114	9.6	7.8	7.8	8.5	5.2
\$20,000-\$39,000.....	15,788	2,246	142	1,222	522	415	20.6	21.3	21.9	21.1	18.9
\$40,000-\$59,000.....	13,625	2,143	157	1,064	516	527	17.8	20.3	19.1	20.9	24.0
\$60,000-\$79,000.....	6,845	1,193	174	634	297	222	8.9	11.3	11.4	12.0	10.1
\$80,000-\$99,000.....	3,335	588	176	301	156	112	4.4	5.6	5.4	6.3	5.1
\$100,000 or more.....	4,068	777	191	358	215	182	5.3	7.4	6.4	8.7	8.3
Storm windows, storm doors, attic insulation: ⁶											
Have all three.....	27,469	4,739	173	2,500	1,022	1,085	35.9	44.9	44.8	41.4	49.5
Have one or two.....	30,256	4,083	135	2,107	1,050	768	39.5	38.7	37.8	42.5	35.0
Have none.....	9,733	990	102	649	223	85	12.7	9.4	11.6	9.0	3.9
1977 family income:											
Less than \$5,000.....	11,030	1,194	108	674	209	270	14.4	11.3	12.1	8.5	12.3
\$5,000-\$9,999.....	14,623	1,820	124	977	366	396	19.1	17.2	17.5	14.8	18.1
\$10,000-\$14,999.....	14,604	1,787	122	937	437	351	19.1	16.9	16.8	17.7	16.0
\$15,000-\$19,999.....	11,635	1,640	141	792	424	361	15.2	15.5	14.2	17.2	16.5
\$20,000-\$24,999.....	9,808	1,502	153	816	361	285	12.8	14.2	14.6	14.6	13.0
\$25,000 or more.....	14,908	2,819	176	1,379	672	527	19.5	24.8	24.7	27.2	24.0
Race of head:											
White.....	67,947	9,416	139	4,895	2,239	1,976	88.7	88.1	87.8	90.7	90.1
Black.....	7,484	1,005	134	605	196	185	9.8	9.5	10.9	7.9	8.4
Other.....	1,177	141	120	76	34	31	1.5	1.3	1.4	1.4	1.4
Age of head:											
Less than 30 years.....	15,248	1,716	113	936	412	313	19.9	16.2	16.8	16.7	14.3
30-44 years.....	21,724	3,246	149	1,646	797	686	28.4	30.7	29.5	32.3	31.4
45-59 years.....	18,507	2,864	155	1,499	696	583	24.2	27.1	26.9	28.2	26.6
60 years and over.....	21,129	2,736	130	1,494	564	607	27.6	25.9	26.8	22.8	27.7

- Represents zero or rounds to zero. ¹ Includes liquid petroleum gas, not shown separately. ² Includes other characteristics, not shown separately. ³ Refers to 243 standard metropolitan statistical areas (SMSA's) as designated in 1970 census publications. For definition, see Appendix II. ⁴ See fig. 34.3, p. 938. ⁵ Covers owner-occupied units only. ⁶ Excludes 5 or more unit buildings.

Source: U.S. Energy Information Administration, *Residential Energy Consumption Survey: Consumption and Expenditures, April 1978 through March 1979*, July 1980.

NO. 1614. RESIDENTIAL CONSUMPTION OF NATURAL GAS, ELECTRICITY, AND FUEL OIL, BY SELECTED HOUSEHOLD CHARACTERISTICS: 1978-1979

[For period April 1978 to March 1979. Excludes Alaska and Hawaii. Covers year-round occupied units only. For composition of regions, see fig. 1, inside front cover]

CHARACTERISTIC	NATURAL GAS ¹			ELECTRICITY			FUEL OIL ^{1 2}		
	Households using (1,000)	Amount consumed (bil. cu. ft.)	Average amount consumed ² (1,000 cu. ft.)	Households using (1,000)	Amount consumed (bil. kWh)	Average amount consumed ² (kWh)	Households using (1,000)	Amount consumed (mil. gal.)	Average amount consumed ² (gal.)
Total households ⁴.....	41,845	5,228	124.9	76,572	724	9,451	16,919	15,735	930
Northeast.....	6,962	1,011	145.2	17,363	114	6,593	8,829	9,535	1,080
North Central.....	15,298	2,419	158.1	20,814	175	8,473	3,117	3,316	1,064
South.....	10,018	900	89.9	24,603	294	11,965	4,187	2,286	546
West.....	9,567	898	93.9	13,992	140	10,020	787	599	761
Urban.....	36,628	4,537	123.9	56,823	473	8,330	11,331	10,934	965
Rural.....	5,219	691	132.4	19,749	250	12,678	5,588	4,806	860
Inside SMSA's ⁵	31,070	3,891	125.2	51,643	438	8,485	11,776	11,305	960
Outside SMSA's ⁵	10,775	1,337	124.1	24,929	286	11,453	5,143	4,438	863
Own.....	26,898	3,793	141.0	50,972	561	11,005	12,094	11,284	933
Rent.....	14,400	1,363	94.7	24,396	153	6,279	4,538	4,193	924
Single family detached.....	26,942	3,800	141.0	48,511	527	10,863	11,138	10,436	937
Single family attached.....	2,244	272	121.1	3,128	28	8,890	353	330	934
2-4 unit building.....	6,742	762	113.0	10,749	65	6,027	2,129	2,582	1,213
5 or more unit building.....	4,427	261	59.0	9,151	51	5,591	2,027	1,818	897
Mobile home.....	1,285	113	87.3	4,805	52	10,603	1,272	572	450
Other.....	195	21	105.4	228	1	3,159	-	-	-
Year house built:									
1939 or earlier.....	14,318	1,938	135.4	25,159	173	6,861	7,690	8,397	1,092
1940-1949.....	4,873	593	121.7	7,548	60	7,945	1,868	1,578	845
1950-1959.....	7,951	985	123.9	13,761	135	9,782	3,636	3,087	849
1960-1969.....	8,913	1,045	117.3	16,127	168	10,391	2,172	1,580	727
1970-1974.....	3,716	405	109.0	8,768	115	13,136	1,124	740	658
1975 or later.....	2,074	262	126.2	5,209	74	14,155	430	356	829
Value of residence: ⁶									
Less than \$20,000.....	3,637	415	114.1	7,347	61	8,325	1,541	821	533
\$20,000-\$39,000.....	8,675	1,151	132.6	15,752	153	9,706	3,590	2,980	830
\$40,000-\$59,000.....	6,778	1,001	147.7	13,625	151	11,105	3,973	3,786	953
\$60,000-\$79,000.....	3,766	601	159.6	6,845	87	12,705	1,392	1,584	1,138
\$80,000-\$99,000.....	1,947	284	145.7	3,335	48	13,676	637	806	1,265
\$100,000 or more.....	2,096	342	163.0	4,068	63	15,487	961	1,314	1,367

- Represents zero or rounds to zero. ¹ Covers only households using specified fuel as main heating fuel. ² Per household. ³ Includes kerosene. ⁴ Includes other characteristics, not shown separately. ⁵ Refers to 243 standard metropolitan statistical areas as designated in 1970 census publications. For definition, see Appendix II. ⁶ Covers owner-occupied units only.

Source: U.S. Energy Information Administration, *Residential Energy Consumption: Consumption and Expenditures, April '78 through March 1979*, July 1980.

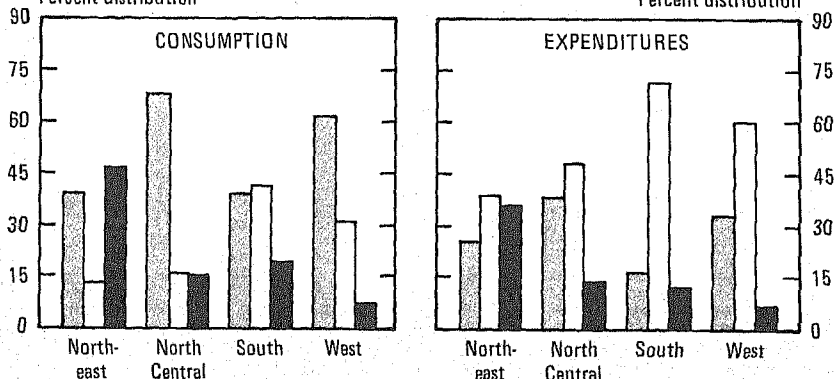
Figure 34.2

Residential Energy Consumption and Expenditures, By Region: 1978-1979

Percent distribution

■ Natural gas
□ Electricity
■ Fuel oil, other

Percent distribution



Source: Chart prepared by U.S. Bureau of the Census. For data, see table 1611.

**NO. 1615. RESIDENTIAL ENERGY EXPENDITURES—TOTAL AND AVERAGE PER HOUSEHOLD, BY
TYPE OF FUEL: 1978-1979**

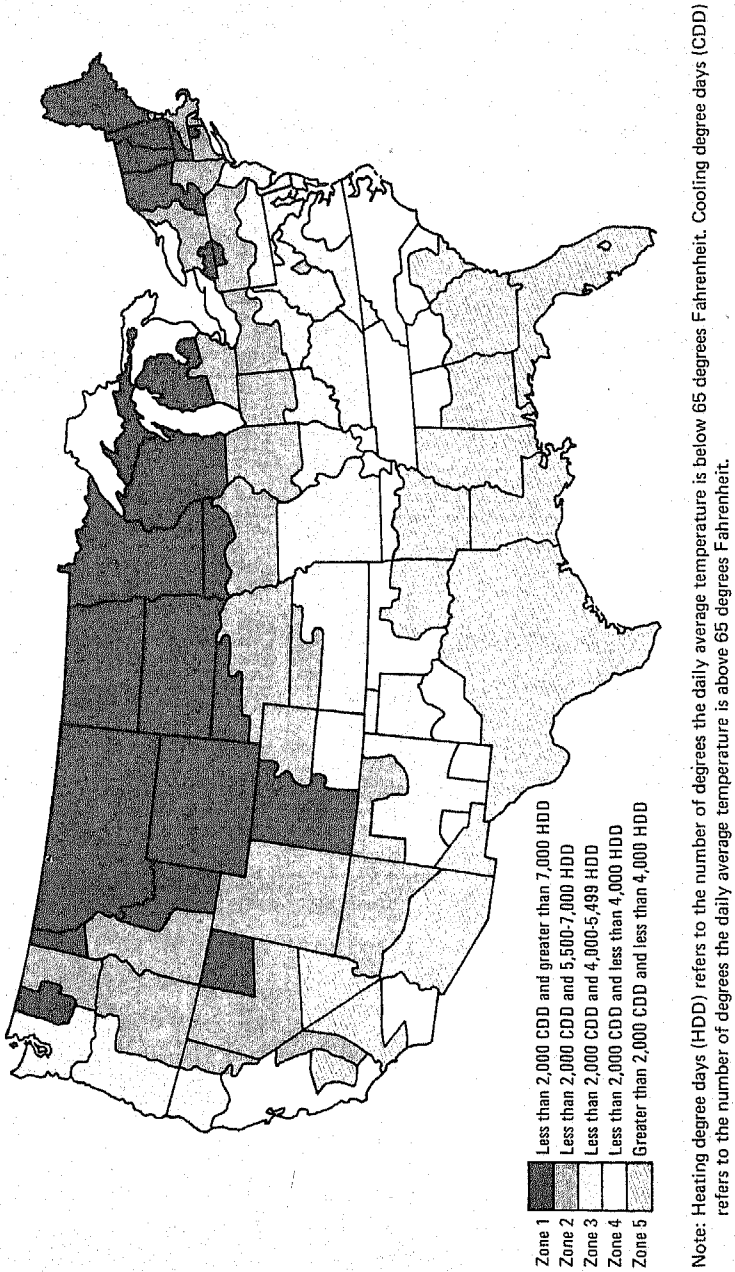
[For period April 1978 to March 1979. Excludes Alaska and Hawaii. Covers year-round occupied housing units only. Excludes household usage of gasoline for transportation and use of wood or coal. For composition of regions, see fig. 1, inside front cover]

CHARACTERISTIC	TOTAL EXPENDITURES (mil. dol.)					AVERAGE EXPENDITURE PER HOUSEHOLD (dol.)			
	All fuels	Natu- ral gas	Elec- tricity	Fuel oil ¹	L.P.G. ²	All fuels ³	Natu- ral gas ⁴	Elec- tricity	Fuel oil ^{1 4}
Total households ⁵	55,469	15,296	29,887	8,623	1,663	724	343	390	508
Northeast	15,402	3,909	5,992	5,272	229	887	478	345	597
North Central	16,916	6,480	8,128	1,771	536	821	413	394	564
South	16,572	2,734	11,806	1,266	777	674	259	480	298
West	6,579	2,173	3,961	323	121	469	220	283	398
Urban	40,676	13,372	20,914	6,021	368	716	342	368	530
Rural	14,793	1,924	8,973	2,601	1,295	748	348	454	463
Inside SMSA's ⁶	37,881	11,558	19,457	6,235	630	734	346	377	528
Outside SMSA's ⁶	17,588	3,738	10,429	2,387	1,033	704	332	418	461
Heating and cooling degree day zones: ⁷									
Less than 2,000 CDD and—									
More than 7,000 HDD	4,878	1,369	2,101	1,224	184	778	447	335	634
5,500-7,000 HDD	16,869	6,219	7,723	2,591	337	781	417	357	565
4,000-5,499 HDD	16,565	4,211	7,860	4,096	398	815	398	388	543
Less than 4,000 HDD	9,825	2,119	6,749	549	407	584	220	401	299
More than 2,000 CDD and less than 4,000 HDD	7,331	1,377	5,454	164	337	632	216	470	143
Single family detached	38,829	10,553	21,427	5,702	1,147	800	376	442	510
Single family attached	2,321	877	1,227	179	38	742	378	392	507
2-4 unit building	7,038	2,470	3,059	1,422	87	655	333	285	666
5 or more unit building	4,357	1,012	2,313	1,005	27	476	174	253	494
Mobile home	2,818	323	1,816	314	365	587	232	378	247
Other	105	61	44	-	-	459	297	194	-
Own	41,402	10,804	22,714	6,183	1,342	805	382	446	509
Rent	13,626	4,277	6,781	2,308	260	559	270	278	507
Year house built:									
1939 or earlier	18,862	5,943	7,814	4,588	507	750	373	311	595
1940-1949	5,261	1,725	2,544	872	119	697	337	337	465
1950-1959	10,410	2,734	5,715	1,687	274	756	333	415	464
1960-1969	11,129	2,993	6,889	871	375	690	324	427	398
1970-1974	6,168	1,155	4,316	401	296	703	291	492	356
1975 or later	3,638	745	2,608	193	93	694	355	501	450
Value of residence: ⁸									
Less than \$20,000	4,387	1,137	2,496	449	305	597	300	340	290
\$20,000-\$39,000	11,695	3,336	6,275	1,627	457	741	364	398	451
\$40,000-\$59,000	11,636	2,998	6,358	2,086	196	854	416	467	523
\$60,000-\$79,000	6,175	1,669	3,433	880	193	902	425	502	625
\$80,000-\$99,000	3,072	774	1,774	434	91	921	375	532	681
\$100,000 or more	4,078	890	2,380	706	101	1,002	411	585	734
Storm windows, storm doors, attic insulation ⁹ —									
Have all three	24,407	6,905	12,573	4,260	668	889	440	458	556
Have one or two	21,702	5,717	12,164	3,017	804	717	342	403	486
Have none	5,003	1,682	2,837	341	164	514	237	291	310
1977 family income:									
Less than \$5,000	5,754	1,880	2,591	1,055	229	522	271	235	478
\$5,000-\$9,999	9,162	2,651	4,535	1,557	420	627	308	311	462
\$10,000-\$14,999	9,630	2,608	5,331	1,378	312	659	314	365	455
\$15,000-\$19,999	9,946	2,176	5,007	1,431	331	769	351	430	510
\$20,000-\$24,999	8,000	2,247	4,440	1,128	185	816	384	453	514
\$25,000 or more	13,977	3,733	7,982	2,075	186	938	425	535	613
Race of head:									
White	49,613	13,389	26,926	7,763	1,534	730	344	396	516
Black	5,134	1,703	2,571	736	124	686	339	343	426
Other	722	203	390	123	6	614	291	331	541
Age of head:									
Less than 30 years	9,194	2,641	5,038	1,294	281	603	295	330	470
30-44 years	17,567	4,553	9,731	2,718	565	809	376	449	539
45-59 years	15,099	4,059	8,281	2,305	453	816	376	447	528
60 years and over	13,609	4,043	6,837	2,365	364	644	318	324	477

- Represents zero or rounds to zero. ¹ Includes kerosene. ² Liquid petroleum gas. ³ Includes liquid petroleum gas, not shown separately. ⁴ Covers only households using specified fuel as main heating fuel. ⁵ Includes other characteristics, not shown separately. ⁶ Refers to 243 standard metropolitan statistical areas (SMSA's) as designated in 1970 census publications. For definition, see Appendix II. ⁷ See fig. 34.3, p. 938. ⁸ Covers owner-occupied units only. ⁹ Excludes 5 or more unit buildings.

Source: U.S. Energy Information Administration, *Residential Energy Consumption Survey: Consumption and Expenditures, April 1978 through March 1979*, July 1980.

Figure 34.3
U.S. Weather Zone Map of Heating Degree Days (HDD) and Cooling Degree Days (CDD)



NO. 1616. HOUSING UNITS WITH EXISTING ENERGY-RELATED CHARACTERISTICS AND WITH CONSERVATION EFFORTS UNDERTAKEN: 1978-1979

[In thousands. Units and existing characteristics as of winter 1978-1979. Excludes Alaska and Hawaii. Covers year-round units. For composition of regions, see fig. 1, inside front cover. Excludes buildings with 5 or more units]

ITEM	EXISTING CHARACTERISTICS							EFFORTS UNDERTAKEN IN 1978								
	Storm windows ¹				Storm doors			Units with wall insulation	Total units which added insulation or equipment	Weather-stripping	Caulking or insulation	Roof or attic insulation	Storm doors added—	Storm windows ¹	New furnace	
	All windows covered	Some windows covered	No windows covered	All doors covered	Some doors covered	No doors covered	Units with attic insulation									
Total ²	67,457	27,463	13,687	26,307	25,003	16,362	26,092	46,216	34,004	22,578	44,879	4,907	11,078	2,680	2,672	1,048
North-east	14,251	9,130	3,784	1,336	6,810	4,285	3,156	9,297	7,161	5,303	8,948	1,190	2,850	574	743	211
North Central	19,821	12,380	5,395	2,046	12,086	4,747	2,988	15,036	11,179	8,053	11,771	1,928	4,563	1,039	1,059	371
South	22,319	4,404	3,155	14,760	4,860	5,612	11,847	14,967	10,942	6,737	15,582	1,308	2,653	786	842	237
West	11,067	1,550	1,352	8,164	1,247	1,717	8,102	7,016	4,723	2,488	8,579	480	1,012	464	278	230
Heating and cooling degree day zones: ³																
Less than 2,000 HDD and—																
More than 7,000 HDD	5,766	4,205	1,211	350	2,658	1,620	1,488	4,642	3,759	1,954	3,812	451	976	222	301	267
5,000-7,000 HDD	19,605	11,432	4,947	3,226	11,196	4,891	3,517	15,056	11,261	7,631	11,974	1,830	4,240	1,047	1,090	815
4,000-5,499 HDD	17,397	8,792	4,999	3,608	7,669	5,291	4,437	11,282	8,544	6,430	10,967	1,463	3,461	767	688	1,024
Less than 4,000 HDD	14,520	2,377	1,799	10,344	2,519	2,866	9,136	9,079	6,537	3,956	10,565	592	1,571	494	384	446
More than 2,000 HDD and less than 4,000 HDD	10,168	658	731	8,780	960	1,695	7,514	6,157	3,903	2,608	7,562	571	830	313	216	99
Single family detached	48,547	19,718	10,776	18,053	19,379	13,168	15,999	37,410	26,106	17,409	31,138	3,737	9,057	2,568	2,234	843
Single family attached	3,128	1,721	1,066	1,066	1,533	604	992	1,648	1,374	1,041	2,087	166	576	46	60	94
2-4 unit building	10,749	4,220	1,892	3,043	1,374	6,332	3,324	3,242	3,390	2,515	8,234	708	946	150	251	338
Mobile home	4,805	1,708	618	2,478	988	1,125	2,691			1,504	3,301	296	436	79	125	113
Year house built:																
1939 or earlier	22,198	9,024	6,009	7,165	9,460	4,953	7,795	11,628	7,598	7,670	14,528	1,572	3,948	798	782	1,019
1940-1949	7,389	2,723	1,245	3,141	3,159	1,723	2,507	4,823	3,266	2,698	4,691	573	1,389	333	364	284
1950-1959	12,480	4,954	2,617	4,910	5,766	3,230	3,484	10,032	6,431	4,450	8,030	944	2,272	413	437	208
1960-1969	13,023	4,537	2,273	4,678	3,014	2,942	6,410	9,799	7,444	3,728	8,286	706	1,657	297	309	210
1970 or later	12,367	6,225	1,264	4,738	3,014	2,942	6,410	9,799	9,265	4,033	8,334	1,112	1,612	578	792	222
1977 family income:																
Less than \$5,000	9,106	2,698	1,702	4,705	2,734	1,624	4,748	3,716	2,591	2,009	7,097	337	729	158	189	208
\$5,000-\$9,999	12,357	4,210	2,418	5,028	4,653	2,678	5,026	7,079	5,126	3,465	8,892	535	1,621	284	246	202
\$10,000-\$14,999	12,573	4,873	2,346	5,354	4,576	2,694	5,303	8,488	6,407	4,184	8,369	1,114	1,835	544	527	178
\$15,000-\$19,999	10,491	5,047	1,900	3,544	4,335	2,598	3,559	7,775	5,915	4,122	8,369	614	2,273	466	411	404
\$20,000-\$24,999	9,063	3,932	2,081	3,537	2,400	3,125	3,255	5,178	3,543	5,619	928	2,032	461	414	554	195
\$25,000 or more	13,868	6,704	3,070	4,094	5,168	4,368	4,332	11,933	8,767	5,255	8,613	1,378	2,589	910	893	735

¹ Includes windows made of double glass or insulating glass.

² Includes other types of housing structure, not shown separately.

³ See fig. 34.3, p. 938.

Source: U.S. Energy Information Administration, *Residential Energy Conservation Survey*, February 1980.