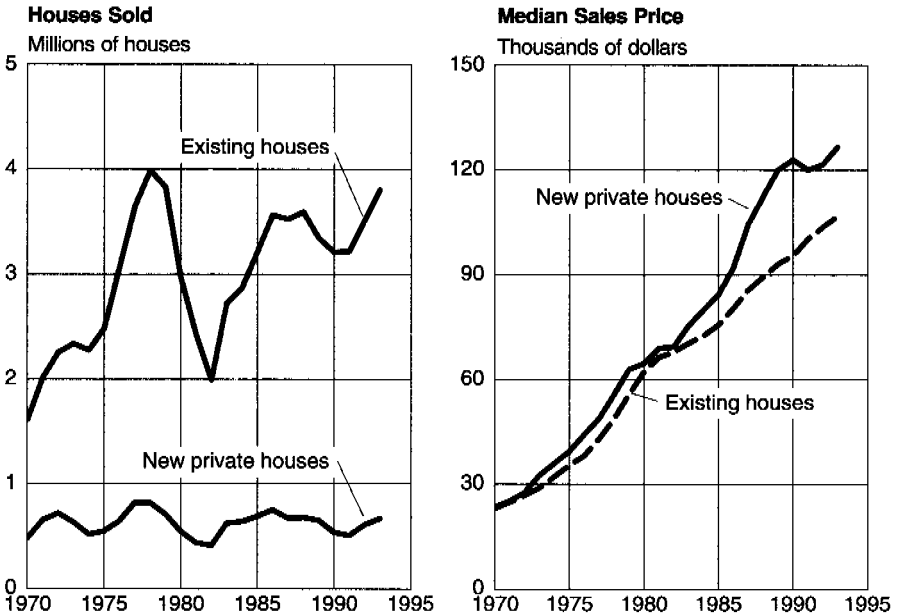
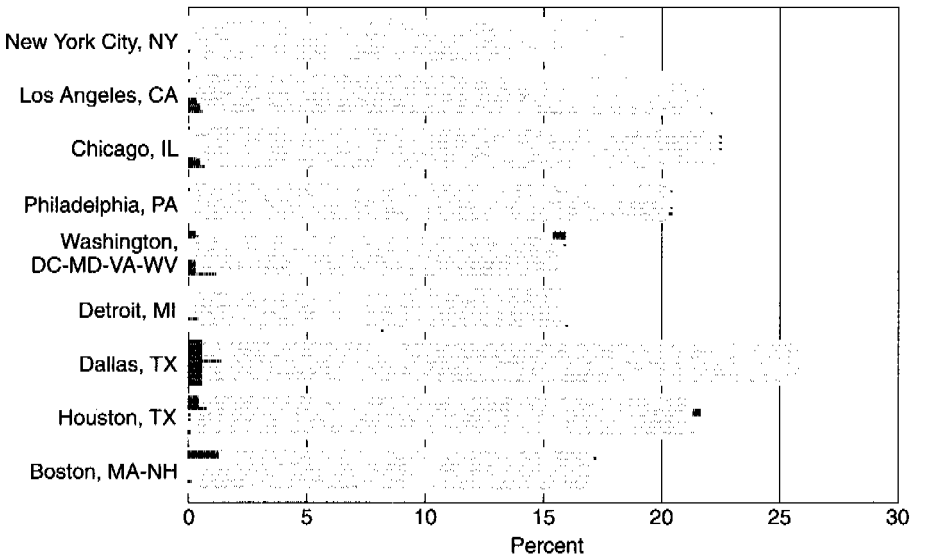
Figure 25.1
Single-Family Houses Sold and Sales Price: 1970 to 1993



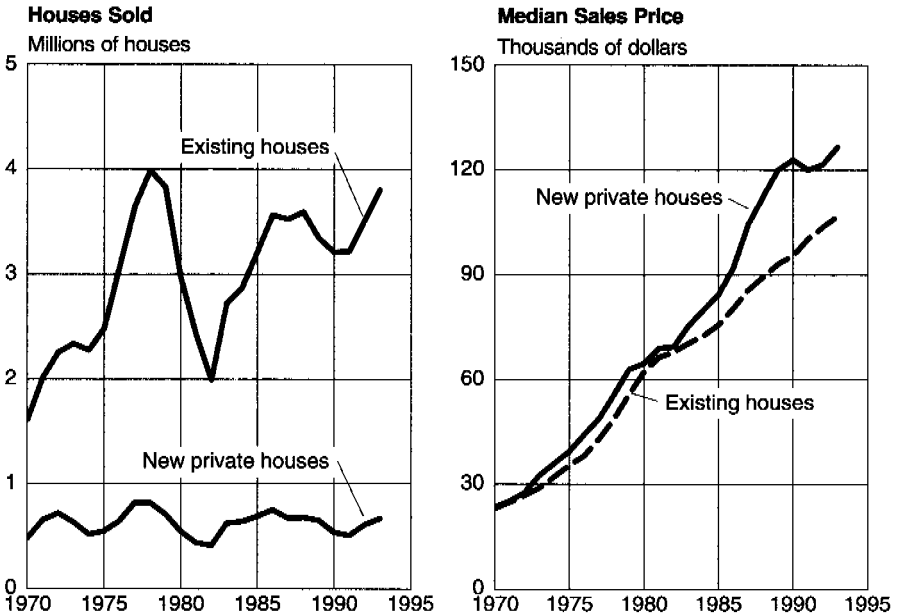
Source: Chart prepared by U.S. Bureau of the Census. For data, see tables 1205, 1206, and 1208.

Figure 25.2
Commercial Office Space—Vacancy Rates for Largest Metro Areas: 1992



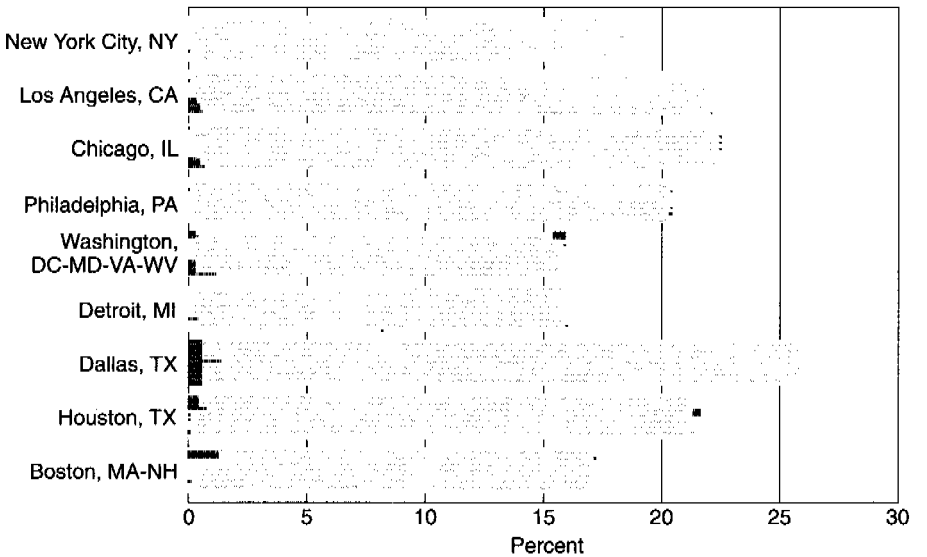
Source: Chart prepared by U.S. Bureau of the Census. For data, see table 1229.

Figure 25.1
Single-Family Houses Sold and Sales Price: 1970 to 1993



Source: Chart prepared by U.S. Bureau of the Census. For data, see tables 1205, 1206, and 1208.

Figure 25.2
Commercial Office Space—Vacancy Rates for Largest Metro Areas: 1992



Source: Chart prepared by U.S. Bureau of the Census. For data, see table 1229.

Construction and Housing

This section presents data on the construction industry and on various indicators of its activity and costs; on housing units and their characteristics and occupants; and on the characteristics and vacancy rates for commercial buildings. Considerable data from the 1990 census are featured in tables 1214 to 1222. Also, there are new data on commercial building from the Energy Information Administration for the first time in three years.

The principal source of these data is the U.S. Bureau of the Census, which issues a variety of current publications. Construction statistics compiled by the Bureau appear in its monthly *Current Construction Reports* series with various quarterly or annual supplements; *Housing Starts* and *Housing Completions* present data by type of structure and by 4 major census regions; *New One-Family Houses Sold and For Sale* also provides statistics annually on physical and financial characteristics for all new housing by the 4 major census regions; *Price Index of New One-Family Houses Sold* presents quarterly figures and annual regional data; and *Housing Units Authorized by Building Permits* covers approximately 17,000 permit-issuing jurisdictions in the United States. Statistics on expenditures by owners of residential properties are issued quarterly and annually in *Expenditures for Residential Upkeep and Improvements. Value of New Construction Put in Place* presents data on all types of construction and includes monthly composite cost indexes. Reports of the censuses of construction industries (see below) are also issued on various topics.

Other Census Bureau publications include the *Current Housing Reports* series, which comprises the quarterly *Housing Vacancies,* the quarterly *Market Absorption of Apartments,* the American Housing Survey (formerly Annual Housing Survey) and reports of the censuses of housing and of construction industries. *Construction Review,* published quarterly by the International Trade Administration, U.S. Department of Commerce, contains many of the census series and other construction statistics series from the Federal Government and private agencies.

In Brief

New single-family homes sold in 1993 up 31 percent since 1991 with the South leading the rise with a 37 percent increase

U.S. home ownership rate in 1993 of 64.5 percent unchanged from rate in 1983

Commercial buildings total 4.8 million in number and occupy 67.9 billion square feet of floorspace in 1992

Other sources include the monthly *Dodge Construction Potentials* of F. W. Dodge Division, McGraw-Hill Information Systems Company, New York, NY, which presents national and State data on construction contracts; the National Association of Home Builders with State-level data on housing starts; the NATIONAL ASSOCIATION OF REALTORS, which presents data on existing home sales; the Society of Industrial and Office Realtors and Oncor International on commercial office space; the Bureau of Economic Analysis, which presents data on residential capital and gross housing product; and the U.S. Energy Information Administration, which provides data on commercial buildings through its periodic sample surveys.

Censuses and surveys.—Censuses of the construction industry were first conducted by the Bureau of the Census for 1929, 1935, and 1939; beginning in 1967, a census has been taken every five years (for years ending in "2" and "7"). The latest reports are for 1987. Reports from the 1992 Census are due out beginning late summer of 1994.

The 1987 Census of Construction Industries, in accordance with the 1987 *Standard Industrial Classification Manual* (see text, section 13), covers all employer establishments primarily engaged in (1) building construction by general contractors or operative builders; (2) heavy (non-building) construction by general contractors; and (3) construction by special trade contractors.

From 1850 through 1930, the Bureau of the Census collected some housing data as part of its censuses of population and agriculture. Beginning in 1940, separate censuses of housing have been taken at 10-year intervals. For the 1970 and 1980 censuses, data on year-round housing units were collected and issued on occupancy and structural characteristics, plumbing facilities, value, and rent; for 1990 such characteristics were presented for all housing units.

Evaluation studies of the 1950, 1960, 1970, and 1980 censuses estimated the underenumeration of occupied housing units at 2.9 percent, 2.4 percent, 1.7 percent, and 1.5 percent respectively. The missed rate in 1980 for all housing units was 2.6 percent or approximately 2.3 million units, 1 million of which were vacant housing units. Estimates for underenumeration from the 1990 census are not available at this time.

The American Housing Survey (*Current Housing Reports* series H-150 and H-170), which began in 1973, provided an annual and ongoing series of data on selected housing and demographic characteristics until 1983. In 1984 the name of the survey was changed from the Annual Housing Survey. It is currently based on a biennial national sample and on 11 annual MSA samples. All samples represent a cross section of the housing stock in their respective areas. Estimates are subject to both sampling and nonsampling errors; caution should therefore, be used in making comparisons with 1970 and 1980 census data.

Data on residential mortgages were collected continuously from 1890 to 1970, except 1930, as part of the decennial census by the Bureau of the Census. Since 1973, mortgage status data, limited to single family homes on less than ten acres with no business on the property, have been presented in the American Housing Survey. Data on mortgage activity are covered in section 16.

Housing units.—In general, a housing unit is a group of rooms or a single room occupied or intended for occupancy as separate living quarters; that is, the occupants do not live and eat with any other persons in the structure and there is direct access from the outside or through a common hall. Transient accommodations, barracks for workers, and institutional-type quarters are not counted as housing units.

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 IV.

No. 1192. Construction Industries—Summary, by Industry: 1987

[Based on a probability sample of about 160,000 construction establishments with payroll in 1987; see Appendix III. N.e.c.= Not elsewhere classified]

INDUSTRY	SIC [1] code	Establishments with payroll (1,000)	EMPLOYEES (1,000)		PAYROLL (mil. dol.)		VALUE OF CONSTRUCTION WORK (mil. dol.)		Value added [3] (mil. dol.)
			Total	Construction workers	Total	Construction workers	Total	Net [2]	
All industries, total	(X)	544.2	5,054	3,989	111,067	79,742	499,982	367,746	230,174
Contract construction		536.3	5,015	3,979	110,200	79,589	495,346	365,241	227,934
General building contractors	15	157.6	1,278	926	27,870	17,204	212,629	111,019	65,514
Single-family houses	1521	90.4	396	307	6,272	4,343	39,098	27,319	14,970
Other residential buildings	1522	8.1	82	61	1,752	1,130	13,316	6,257	3,659
Operative builders	1531	20.8	169	80	4,385	1,478	48,960	26,837	15,173
Industrial buildings and warehouses	1541	7.0	143	111	3,619	2,497	21,462	11,095	6,882
Nonresidential buildings, n.e.c	1542	31.3	488	367	11,843	7,756	89,793	39,510	24,831
Heavy construction contractors	16	36.6	827	683	20,408	15,461	82,285	68,435	44,940
Highway and street construction	1611	11.0	284	239	7,041	5,397	34,161	27,984	17,120
Bridge, tunnel, and elevated highway	1622	1.2	47	40	1,192	910	5,481	4,187	2,430
Water, sewer, and utility lines	1623	10.0	198	166	4,513	3,428	17,010	15,055	10,090
Heavy construction, n.e.c	1629	14.5	298	238	7,662	5,726	25,633	21,209	15,301
Special trade contractors	17	342.0	2,909	2,370	61,921	46,923	200,434	185,786	117,480
Plumbing, heating, air-conditioning	1711	69.6	617	471	14,330	10,311	49,503	44,518	25,912
Painting and paperhanging	1721	29.9	170	145	2,979	2,386	7,953	7,446	5,716
Electrical work	1731	49.4	509	406	12,664	9,622	35,838	34,658	21,817
Masonry and other stonework	1741	23.3	169	150	2,947	2,462	8,714	8,269	5,476
Plastering, drywall, insulation	1742	17.8	254	217	5,485	4,348	16,427	15,137	9,748
Terrazzo, tile, marble, and mosaic work	1743	5.1	34	28	734	554	2,272	2,182	1,318
Carpentry	1751	36.0	190	164	3,272	2,610	11,244	10,039	6,078
Floorlaying and other floor work	1752	8.2	45	35	906	645	3,651	3,371	1,880
Roofing, siding, and sheet metal work	1761	25.7	231	187	4,314	3,111	15,028	14,183	8,524
Concrete work	1771	23.4	218	187	4,175	3,278	15,056	13,854	8,443
Water well drilling	1781	3.4	18	14	335	249	1,330	1,299	780
Structural steel erection	1791	4.0	65	55	1,594	1,232	4,863	4,510	3,253
Glass and glazing work	1793	4.6	41	29	919	607	3,222	3,142	1,701
Excavation work	1794	13.4	95	79	2,060	1,598	8,244	7,491	5,708
Wrecking and demolition work	1795	1.2	14	12	261	195	912	845	782
Installing building equipment, n.e.c	1796	3.8	62	50	1,858	1,447	5,360	5,010	3,723
Special trade contractors, n.e.c.	1799	23.2	176	142	3,089	2,269	10,814	9,833	6,622
Land subdividers and developers, n.e.c.	6552	8.0	40	9	867	153	4,636	2,505	2,240

X Not applicable. [1] Standard Industrial Classification; see, text, section 13. [2] Value of construction work less payments for construction work subcontracted to others, not shown separately. [3] Dollar value of business done less (*a*) payments for materials, components, and supplies, and (*b*) payments for construction work subcontracted to others, not shown separately.

Source: U.S. Bureau of the Census, *Census of Construction Industries, 1987*, series CC87-I-28.

No. 1193. Construction Materials—Producer Price Indexes: 1980 to 1993

[1982=100, except as noted. For discussion of producer price index, see text, section 15. This index, more formally known as the special commodity grouping index for construction materials, covers materials incorporated as integral part of a building or normally installed during construction and not readily removable. Excludes consumer durables such as kitchen ranges, refrigerators, etc. This index is not the same as the stage-of-processing index of intermediate materials and components for construction. See *Historical Statistics, Colonial Times to 1970*, series N 140-155 for similar data]

COMMODITY	1980	1985	1986	1987	1988	1989	1990	1991	1992	1993
Construction materials	**92.5**	**107.6**	**107.3**	**109.5**	**115.7**	**119.5**	**119.6**	**120.4**	**122.5**	**128.6**
Interior solvent based paint	91.3	107.3	109.9	111.6	120.3	128.8	133.0	140.2	141.7	143.0
Plastic construction products	103.9	108.6	106.4	108.4	121.1	120.1	117.2	115.1	112.7	116.8
Douglas fir, dressed	132.6	126.5	124.5	125.1	135.7	151.6	138.4	139.6	169.5	237.4
Southern pine, dressed	104.0	105.2	104.9	114.1	112.4	108.0	111.2	111.0	130.6	169.9
Millwork	93.2	111.7	113.7	117.7	121.9	127.3	130.4	135.5	143.3	156.5
Softwood plywood	109.5	107.4	109.4	109.8	109.1	124.2	119.6	120.8	147.2	169.6
Hardwood plywood and related products	97.5	89.9	91.0	92.9	94.2	99.8	102.7	102.8	106.9	115.4
Softwood plywood veneer, ex. reinforced/backed	126.0	100.1	105.9	108.4	117.3	142.1	142.3	138.5	168.3	216.0
Building paper and building board mill products	86.1	107.4	108.8	111.2	113.3	115.6	112.2	111.8	119.6	132.9
Tube, drawn, 6000 alloy series	85.6	109.7	109.8	111.2	128.9	131.0	127.1	124.1	123.4	(NA)
Builders hardware	84.9	113.5	115.8	117.4	122.5	127.8	133.0	138.1	141.4	144.9
Plumbing fixtures and brass fittings	88.5	111.9	115.5	119.7	128.7	137.7	144.3	149.7	153.1	155.8
Heating equipment	87.0	109.5	113.0	115.5	119.2	125.1	131.6	134.1	137.3	140.3
Metal doors, sash, and trim	87.8	107.3	108.9	112.0	122.4	130.0	131.4	134.6	135.0	136.6
Incandescent outdoor lighting fixtures	82.7	109.2	112.0	117.2	122.4	128.0	137.3	136.5	139.1	138.4
Bright nails	90.9	100.2	99.8	101.2	104.7	110.4	(NA)	(NA)	115.1	115.9
Welded steel wire fabric for concrete reinforcing	98.9	101.3	98.8	98.3	109.2	108.6	109.7	100.0	101.3	105.1
Elevators, escalators, and other lifts	87.3	97.7	99.2	100.4	103.6	107.1	110.1	108.7	109.4	110.7
Stamped metal outlet box	82.7	119.7	152.0	160.1	168.7	171.7	179.4	179.7	187.2	195.7
Concrete ingredients and related products	88.4	108.5	109.4	110.4	112.0	113.2	115.3	118.4	119.4	123.5
Concrete products	92.0	107.5	109.2	109.4	110.0	111.2	113.5	116.6	117.2	120.1
Clay construction products exc. refractories	88.8	113.5	118.0	121.4	124.9	127.0	129.9	130.2	132.0	135.1
Prep. asphalt and tar roofing and siding products	105.5	100.5	96.8	91.9	94.4	95.6	97.1	96.2	94.3	95.0
Gypsum products	100.1	132.3	137.0	125.2	112.9	110.0	105.2	99.3	99.9	108.4
Insulation materials	80.7	105.2	105.7	105.0	105.8	106.7	108.4	110.8	102.3	106.0
Paving mixtures and blocks	83.7	111.6	104.9	100.8	102.7	101.0	101.2	103.2	100.2	101.8

NA Not available.

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

No. 1194. Price and Cost Indexes for Construction: 1980 to 1993

[1987=100. Excludes Alaska and Hawaii. Indexes of certain sources are published on bases different from those shown here. See *Historical Statistics, Colonial Times to 1970*, series N 118-137, for construction cost indexes on a 1947-49 base]

NAME OF INDEX	1980	1985	1986	1988	1989	1990	1991	1992	1993
Bureau of the Census:									
Composite fixed-weighted [1]	77.6	93.1	96.5	103.8	107.4	110.3	111.2	112.2	115.9
Implicit price deflator [2]	79.1	93.9	96.8	104.1	108.3	111.2	111.8	112.7	116.9
Bureau of the Census houses under construction: [3]									
Fixed-weighted	75.6	91.0	95.6	103.6	107.0	110.2	110.6	112.5	116.7
Price deflator	77.9	92.0	95.8	104.1	108.4	111.5	111.7	113.4	118.4
Federal Highway Administration, composite [4]	97.2	102.0	101.1	106.6	107.7	108.5	107.5	105.1	108.3
Bureau of Reclamation composite [5]	81	98	99	103	107	111	114	116	119
Turner Construction Co.: Building construction [6]	69	94	97	104	107	111	113	113	116
E. H. Boeckh, building cost index: [7]									
Residences	(NA)	96.2	98.0	102.5	106.3	109.9	113.0	116.7	121.3
Apartments, hotels, and office buildings	(NA)	96.3	98.0	102.7	106.2	109.0	112.0	114.9	118.1
Commercial and factory buildings	(NA)	96.7	98.3	103.0	107.2	110.8	114.2	117.4	120.5
Engineering News-Record: [8]									
Buildings	76.5	95.5	97.7	102.2	103.6	106.3	108.3	111.5	117.9
Construction	73.5	95.2	97.5	102.6	104.7	107.4	109.7	113.1	118.2
Handy-Whitman public utility: [9]									
Buildings	83	96	98	104	107	108	105	107	113
Electric [10]	80	98	99	107	111	115	116	118	122
Gas	79	100	97	106	111	114	116	118	121
Water [11]	81	97	98	103	106	108	108	110	115
C. A. Turner Telephone Plant [12]	102	101	100	101	110	113	114	114	114

NA Not available. [1] Weighted average of the various indexes used to deflate the Construction Put in Place series. In calculating the index, the weights (i.e., the composition of current dollar estimates in 1987 by category) are held constant. [2] Derived ratio of total current to constant dollar Construction Put in Place (multiplied by 100). [3] Excludes value of site. [4] Based on average contract unit bid prices for composite mile (involving specific average amounts of excavation, paving, reinforcing steel, structural steel, and structural concrete). [5] Derived from the four quarterly indexes which are weighted averages of costs of labor, materials, and equipment for the construction of dams and reclamation projects. [6] Based on firm's cost experience with respect to labor rates, materials prices, competitive conditions, efficiency of plant and management, and productivity. [7] Average of 20 cities for types shown. Weights based on surveys of building costs. [8] Building index computed on the basis of a hypothetical unit of construction requiring 6 bbl. of portland cement, 1,088 M bd. ft. of 2" x 4" lumber, 2,500 lb. of structural steel, and 68.38 hours of skilled labor. Construction index based on same materials components combined with 200 hours of common labor. [9] Based on data covering public utility construction costs in six geographic regions. Covers skilled and common labor. [10] As derived by U.S. Bureau of the Census. Covers steam generation plants only. [11] As derived by U.S. Bureau of the Census. Reflects costs for structures and improvements at water pumping and treatment plants. [12] Computed by the Census Bureau by averaging the weighted component indexes published for six geographic regions.

Source: U.S. Bureau of the Census. In U.S. Department of Commerce, International Trade Administration, *Construction Review*, bimonthly.

No. 1195. Value of New Construction Put in Place: 1964 to 1993

[**In millions of dollars.** Represents value of construction put in place during year; differs from building permit and construction contract data in timing and coverage. Includes installed cost of normal building service equipment and selected types of industrial production equipment (largely site fabricated). Excludes cost of shipbuilding, land, and most types of machinery and equipment. For methodology, see Appendix III. See also *Historical Statistics, Colonial Times to 1970*, series N 1-29 and N 66-69]

YEAR	CURRENT DOLLARS					CONSTANT (1987) DOLLARS				
	Total	Private			Public	Total	Private			Public
		Total	Residential buildings	Nonresidential buildings			Total	Residential buildings	Nonresidential buildings	
1964	72,124	51,921	30,526	14,412	20,203	294,569	211,627	124,768	60,892	82,942
1970	100,727	72,819	35,863	23,008	27,908	309,244	225,168	114,138	71,796	84,077
1971	117,311	87,612	48,514	24,204	29,699	337,451	254,502	145,554	69,621	82,949
1972	133,318	103,288	60,693	26,568	30,030	360,780	281,593	170,190	71,490	79,187
1973	146,826	114,477	65,085	30,683	32,348	364,938	285,937	166,249	76,259	79,001
1974	147,476	109,344	55,967	32,195	38,132	319,362	242,274	130,126	70,029	77,089
1975	145,623	102,330	51,581	26,397	43,293	290,137	208,991	109,920	58,990	81,147
1976	165,441	121,462	68,273	27,936	43,979	315,865	235,338	136,685	55,617	80,527
1977	193,126	150,044	92,004	30,871	43,083	340,833	266,393	165,926	57,134	74,440
1978	230,178	180,032	109,838	39,135	50,146	362,862	285,880	174,695	65,343	76,982
1979	259,839	203,194	116,444	51,732	56,646	364,554	288,789	165,116	77,359	75,766
1980	259,746	196,100	100,381	58,290	63,646	328,435	252,645	128,926	78,972	75,790
1981	271,950	207,259	99,241	68,450	64,691	320,950	247,427	118,343	85,091	73,523
1982	260,594	197,531	84,676	73,953	63,064	297,759	226,510	97,595	87,505	71,249
1983	294,945	231,494	125,521	70,438	63,450	332,625	261,398	143,108	80,888	71,227
1984	348,817	278,600	153,849	87,493	70,217	382,435	306,152	170,732	96,664	76,284
1985	377,366	299,543	158,474	103,455	77,823	401,967	321,706	172,338	111,262	80,260
1986	407,693	323,100	187,148	98,674	84,593	421,367	335,709	195,377	102,596	85,658
1987	419,366	328,738	194,656	100,933	90,628	419,352	328,637	194,622	100,877	90,715
1988	432,304	337,516	198,101	106,994	94,788	415,084	324,404	190,292	103,037	90,680
1989	443,605	345,477	196,551	113,988	98,128	409,679	318,717	181,321	105,711	90,962
1990	442,143	334,682	182,856	117,971	107,460	397,627	300,101	163,980	106,067	97,526
1991	403,440	293,536	157,835	97,841	109,904	360,715	262,022	141,300	87,608	98,694
1992	436,043	317,258	187,819	87,241	118,785	386,928	279,300	165,418	77,182	107,628
1993	470,118	342,953	208,092	91,471	127,166	402,260	290,808	175,657	78,247	111,452

Source: U.S. Bureau of the Census, *Current Construction Reports*, series C30, and press release, CB-92-14.

No. 1196. Value of New Construction Put in Place in Current and Constant (1987) Dollars: 1989 to 1993

[In millions of dollars. Represents value of construction put in place during year; differs from building permit and construction contract data in timing and coverage. Includes installed cost of normal building service equipment and selected types of industrial production equipment (largely site fabricated). Excludes cost of shipbuilding, land, and most types of machinery and equipment. For details on derivation of constant values and description of revised series, see source. For description of nature of revisions and deflators used, see *Construction Reports*, series C30-9005. For methodology, see Appendix III. See also *Historical Statistics, Colonial Times to 1970*, series N 1-29 and N 66-69]

TYPE OF CONSTRUCTION	CURRENT DOLLARS					CONSTANT (1987) DOLLARS				
	1989	1990	1991	1992	1993	1989	1990	1991	1992	1993
Total new construction	**443,605**	**442,143**	**403,440**	**436,043**	**470,118**	**409,679**	**397,627**	**360,715**	**386,928**	**402,260**
Private construction	**345,477**	**334,682**	**293,536**	**317,258**	[1]**342,953**	**318,717**	**300,101**	**262,022**	**279,300**	[1]**290,808**
Residential buildings	196,551	182,856	157,835	167,819	208,092	181,321	163,980	141,300	165,418	175,657
New housing units	139,202	127,987	110,592	129,600	144,503	128,435	114,784	99,002	114,165	121,978
1 unit	116,898	108,737	95,444	116,505	133,742	107,849	97,518	85,435	102,612	112,889
2 or more units	22,304	19,250	15,148	13,094	10,761	20,586	17,266	13,567	11,553	9,089
Improvements	57,349	54,869	47,243	58,219	(NA)	52,886	49,196	42,297	51,253	(NA)
Nonresidential buildings	113,988	117,971	97,841	87,241	91,471	105,711	106,067	87,608	77,182	78,247
Industrial	20,410	23,848	22,280	20,719	20,654	18,919	21,441	19,951	18,336	17,669
Office	31,538	28,722	23,010	17,241	15,392	29,263	25,829	20,604	15,265	13,175
Hotels, motels	8,401	9,673	6,286	3,507	4,267	7,791	8,699	5,630	3,101	3,651
Other commercial	33,958	34,140	25,470	24,283	27,754	31,482	30,693	22,805	21,469	23,733
Religious	3,278	3,390	3,415	3,382	3,515	3,040	3,046	3,058	2,990	3,008
Educational	3,648	4,219	3,929	4,254	4,093	3,382	3,792	3,518	3,765	3,501
Hospital and institutional	8,312	9,450	9,189	10,110	11,045	7,711	8,494	8,228	8,943	9,451
Miscellaneous [2]	4,443	4,528	4,260	3,746	4,750	4,122	4,072	3,814	3,313	4,060
Farm nonresidential	2,449	2,670	2,563	2,211	(NA)	2,271	2,400	2,295	1,955	(NA)
Public utilities	30,030	28,228	32,354	36,418	(NA)	27,138	24,967	28,193	31,505	(NA)
Telecommunications	9,614	9,803	9,203	9,272	9,800	8,660	8,709	8,100	8,171	8,647
Other public utilities	20,416	18,425	23,151	27,146	(NA)	18,478	16,258	20,093	23,335	(NA)
Railroads	2,650	2,600	2,406	3,165	(NA)	2,452	2,362	2,145	2,868	(NA)
Electric light and power	13,038	10,594	14,440	16,605	(NA)	11,778	9,290	12,523	14,226	(NA)
Gas	4,386	4,820	5,555	6,527	(NA)	3,941	4,243	4,760	5,522	(NA)
Petroleum pipelines	342	411	750	849	(NA)	307	362	645	719	(NA)
All other private [3]	2,460	2,957	2,943	3,570	3,281	2,276	2,688	2,626	3,238	2,892
Public construction	**98,128**	**107,460**	**109,904**	**118,785**	**127,166**	**90,962**	**97,526**	**98,694**	**107,628**	**111,452**
Buildings	39,871	45,588	49,246	51,875	55,122	36,949	406,968	44,089	45,882	47,088
Housing and development	3,441	3,778	3,837	4,151	5,141	3,175	3,387	3,437	3,662	4,338
Industrial	1,300	1,433	1,823	1,793	1,771	1,205	1,269	1,633	1,585	1,516
Educational	17,310	20,470	22,865	23,454	25,898	16,044	18,394	20,468	20,746	22,143
Hospital	2,542	2,605	2,598	3,099	3,588	2,358	2,343	2,326	2,741	3,070
Other [4]	15,278	17,301	18,122	19,378	18,724	14,167	15,555	16,226	17,148	16,021
Highways and streets	28,747	32,108	32,026	34,931	37,299	26,671	29,608	29,127	33,377	34,455
Military facilities	3,520	2,665	1,837	2,502	2,447	3,261	2,427	1,660	2,299	2,178
Conservation and development	5,013	4,558	4,861	5,919	5,938	4,631	4,092	4,252	5,107	4,987
Sewer systems	8,913	9,490	9,328	9,446	9,634	8,235	8,509	8,161	8,151	8,089
Water supply facilities	3,797	4,536	4,629	4,798	5,545	3,566	4,185	4,289	4,363	4,821
Miscellaneous public [5]	8,266	8,515	7,978	9,314	11,180	7,648	7,739	7,116	8,450	9,834

NA Not available. [1] Includes estimates for types of construction indicated as (NA). [2] Includes amusement and recreational buildings, bus and airline terminals, animal hospitals and shelters, etc. [3] Includes privately owned streets and bridges, parking areas, sewer and water facilities, parks and playgrounds, golf courses, airfields, etc. [4] Includes federal administrative buildings, prisons, police and fire stations, courthouses, civic centers, passenger terminals, space facilities, postal facilities, etc. [5] Includes open amusement and recreational facilities, power generating facilities, transit systems, airfields, open parking facilities, etc.

Source: U.S. Bureau of the Census, *Current Construction Reports*, series C30, monthly.

No. 1197. Value of Privately Owned Nonresidential Building Projects, by Construction Status, 1985 to 1993, and by Type of Project, 1993

[In billions of dollars]

CONSTRUCTION STATUS	1985	1986	1987	1988	1989	1990	1991	1992	1993				
									Total	Industrial	Office building	Other commercial	Other[1]
Value of projects—													
Started	98.5	97.1	95.7	107.7	109.9	89.5	72.9	81.3	79.5	13.2	14.1	28.6	23.6
Completed	89.9	107.5	91.4	101.6	107.7	114.0	109.5	100.1	93.7	18.0	21.0	29.5	25.2

[1] Privately owned hotels and motels, religious, educational, hospital and institutional, and miscellaneous nonresidential building projects.

Source: U.S. Bureau of the Census, *Current Construction Reports*, series C30.

No. 1198. Construction Contracts—Value of Construction and Floor Space of Buildings, by Class of Construction: 1980 to 1993

[Includes new structures and additions, and major alterations to existing structures which affect only valuation, since no additional floor area is created by "alteration." See also *Historical Statistics, Colonial Times to 1970*, series N 7888-100]

YEAR	Total	Residential buildings	NONRESIDENTIAL BUILDINGS									Nonbuilding construction
			Total	Commercial [1]	Manufacturing	Educational [2]	Hospital	Public buildings	Religious	Social and recreational	Miscellaneous	
VALUE (bil. dol.)												
1980	151.8	60.4	56.9	27.7	9.2	7.4	5.4	1.6	1.2	2.7	1.7	34.5
1981	157.3	56.3	65.5	35.2	9.3	6.6	6.4	1.4	1.2	3.4	2.0	35.4
1982	157.1	55.0	64.6	32.3	9.6	6.8	8.0	1.9	1.2	2.8	2.0	37.5
1983	194.1	88.4	67.9	38.3	5.4	7.1	6.5	2.1	1.5	2.9	2.1	37.8
1984	214.3	95.3	82.1	48.2	7.9	8.5	7.4	2.7	1.7	3.3	2.4	36.9
1985	235.6	102.1	92.1	54.6	8.1	10.0	7.8	3.1	2.0	4.0	2.5	41.4
1986	249.3	115.6	91.6	52.4	7.3	11.7	7.9	3.2	2.1	4.2	2.8	42.1
1987	259.0	114.1	98.8	53.7	8.6	13.2	9.0	4.7	2.1	4.3	3.2	46.1
1988	262.2	116.2	97.9	51.6	9.5	14.1	8.2	4.4	2.2	4.7	3.2	48.1
1989	271.3	116.2	106.1	53.6	12.7	15.9	8.8	5.2	2.0	5.0	2.9	49.0
1990	245.9	100.9	95.3	44.8	8.4	16.6	9.2	5.7	2.2	5.3	3.1	49.7
1991	231.0	94.5	86.3	32.7	8.3	19.0	9.8	6.2	2.4	5.1	3.0	50.2
1992	252.3	110.6	87.1	32.8	8.9	17.7	10.8	5.8	2.5	5.5	3.1	54.6
1993	267.2	121.9	88.3	34.2	8.7	19.4	10.4	3.9	2.4	6.7	2.6	57.0
FLOOR SPACE (mil. sq. ft.)												
1980	3,102	1,839	1,263	738	220	103	55	18	28	49	52	(X)
1981	2,805	1,562	1,243	787	188	83	60	14	25	46	41	(X)
1982	2,455	1,440	1,015	631	119	82	71	19	25	38	30	(X)
1983	3,387	2,276	1,111	716	112	84	84	20	29	36	31	(X)
1984	3,661	2,311	1,350	901	157	100	70	23	29	37	34	(X)
1985	3,854	2,324	1,530	1,039	165	111	73	26	32	44	38	(X)
1986	3,936	2,481	1,455	960	148	129	73	30	32	44	39	(X)
1987	3,756	2,288	1,468	933	160	139	78	42	32	46	38	(X)
1988	3,595	2,181	1,414	883	162	142	71	38	32	49	37	(X)
1989	3,514	2,115	1,399	867	158	151	72	41	27	48	35	(X)
1990	3,019	1,817	1,202	694	128	152	69	47	29	51	32	(X)
1991	2,637	1,654	983	477	100	177	72	50	29	45	33	(X)
1992	2,800	1,864	936	462	95	157	77	41	30	42	32	(X)
1993	3,016	2,054	962	479	108	165	74	30	30	51	25	(X)

X Not applicable. [1] Includes nonindustrial warehouses. [2] Includes science.

No. 1199. Construction Contracts—Value, by State: 1990 to 1993

[**In millions of dollars.** See headnote, table 1198. Represents value of construction in States in which work was actually done]

STATE	1990	1991	1992	1993			STATE	1990	1991	1992	1993		
				Total (incl. nonbldg.)	Residential	Nonresidential					Total (incl. nonbldg.)	Residential	Nonresidential
U.S	**246,022**	**230,923**	**252,211**	**267,262**	**121,942**	**88,330**	MO	3,833	3,994	4,398	5,102	2,353	1,955
							MT	332	522	603	737	341	125
AL	2,939	2,777	3,245	3,749	1,857	1,127	NE	1,318	1,298	1,535	1,594	671	507
AK	1,919	768	1,905	922	231	363	NV	3,334	2,642	4,002	3,796	1,932	1,174
AZ	4,553	4,690	5,312	6,256	3,980	1,348	NH	1,021	863	1,013	926	454	293
AR	1,438	1,772	2,021	2,150	1,103	571	NJ	6,141	6,121	5,492	6,102	2,381	2,215
CA	37,318	30,280	27,293	27,217	10,524	10,528	NM	1,124	1,405	1,355	1,630	725	423
CO	3,235	4,599	5,782	5,972	3,190	1,675	NY	14,137	12,568	14,173	12,844	3,578	5,404
CT	3,058	2,860	2,903	3,038	1,158	1,089	NC	6,614	6,955	8,029	8,844	4,783	2,460
DE	787	791	786	699	328	240	ND	506	467	587	650	263	183
DC	795	624	752	1,126	31	908	OH	9,885	9,442	10,770	11,037	5,025	3,898
FL	16,975	15,401	16,750	18,503	10,380	5,039	OK	2,164	2,046	2,488	2,401	1,192	703
GA	7,120	7,243	8,159	9,340	5,392	2,525	OR	3,101	2,590	2,837	3,567	1,982	921
HI	2,831	2,790	2,878	2,288	926	875	PA	10,117	9,461	9,958	10,243	3,840	3,468
ID	986	1,051	1,277	1,686	947	470	RI	594	763	651	1,228	277	171
IL	10,796	9,039	10,414	11,173	4,943	4,162	SC	3,664	3,761	3,439	4,307	1,945	1,299
IN	6,350	5,391	6,522	7,162	3,434	2,462	SD	468	356	586	773	260	263
IA	2,034	2,229	2,177	2,358	984	747	TN	4,388	4,358	5,221	5,481	3,046	1,520
KS	2,193	2,307	2,539	2,674	1,302	714	TX	13,197	14,740	16,657	18,985	8,545	6,576
KY	3,174	3,858	3,863	4,250	1,962	1,368	UT	1,884	1,662	2,113	3,015	1,382	1,262
LA	3,191	2,930	3,015	3,585	1,192	1,440	VT	515	581	580	538	279	169
ME	897	862	1,163	959	467	300	VA	7,180	6,455	7,366	7,541	3,941	2,025
MD	6,056	5,068	5,243	5,170	2,567	1,437	WA	6,185	6,426	7,582	6,878	3,522	2,102
MA	5,135	5,135	5,719	6,276	2,236	2,241	WV	1,253	856	1,091	1,160	216	417
MI	7,646	7,140	7,470	7,952	3,658	2,778	WI	4,654	4,198	5,074	5,061	2,439	1,784
MN	4,953	4,409	5,237	5,274	2,789	1,564	WY	462	473	468	672	165	101
MS	1,569	1,906	1,719	2,366	825	944							

Source of tables 1198 and 1199: F. W. Dodge, McGraw-Hill, Inc., New York, NY. Figures reported currently in *Dodge Construction Potentials*.

No. 1200. New Privately-Owned Housing Units Authorized, by State: 1992 and 1993

[Based on about 17,000 places in United States having building permit systems]

STATE	HOUSING UNITS (1,000)			VALUATION (mil. dol.)			STATE	HOUSING UNITS (1,000)			VALUATION (mil. dol.)		
	1992	1993		1992	1993			1992	1993		1992	1993	
		Total	1 unit		Total	1 unit			Total	1 unit		Total	1 unit
U.S.	**1,094.9**	**1,199.1**	**986.5**	**95,539**	**106,801**	**97,119**	MO	20.1	21.7	18.3	1,526	1,750	1,626
							MT	2.1	2.9	1.9	169	212	171
AL	13.9	16.1	12.8	940	1,147	1,046	NE	6.7	7.8	5.5	482	551	481
AK	1.1	1.7	1.4	139	228	196	NV	17.3	23.3	19.5	1,187	1,637	1,471
AZ	31.8	38.7	34.7	3,112	3,778	3,592	NH	4.0	4.2	3.7	358	381	359
AR	7.9	10.0	7.0	517	644	554	NJ	19.1	25.2	21.3	1,648	2,087	1,926
CA	97.8	84.3	69.6	11,353	10,195	9,088	NM	7.2	8.9	8.1	613	775	750
CO	23.5	29.9	25.9	2,439	3,096	2,883	NY	29.9	28.6	21.1	2,598	2,621	2,243
CT	8.0	9.2	7.8	820	930	873	NC	48.2	53.3	45.9	3,740	4,431	4,169
DE	4.6	4.9	4.6	284	313	302	ND	2.6	2.9	1.6	159	190	147
DC	0.1	0.3	0.1	16	21	16	OH	42.6	44.2	34.1	3,927	4,319	3,938
FL	102.0	115.1	91.3	8,558	9,658	8,291	OK	7.7	8.7	8.3	670	809	798
GA	44.6	53.9	47.6	3,497	4,302	4,058	OR	17.0	20.5	15.2	1,543	1,956	1,709
HI	7.8	6.6	4.6	847	679	567	PA	38.3	40.1	35.9	3,308	3,547	3,363
ID	9.6	11.6	8.8	751	929	816	RI	2.6	2.6	2.4	212	235	227
IL	40.4	44.7	36.2	3,962	4,487	4,048	SC	20.2	21.1	18.7	1,573	1,694	1,590
IN	28.7	30.8	25.9	2,595	2,896	2,715	SD	3.2	3.7	2.3	201	242	185
IA	10.5	10.6	7.4	812	882	752	TN	23.3	27.0	24.1	1,780	2,171	2,086
KS	9.8	11.0	8.9	885	1,028	933	TX	64.2	77.8	62.7	5,599	6,896	6,414
KY	14.7	15.9	12.4	1,024	1,173	1,060	UT	12.8	17.3	13.9	1,123	1,508	1,361
LA	9.8	11.2	10.4	710	859	831	VT	2.3	2.3	2.0	190	202	186
ME	4.3	3.8	3.6	334	309	295	VA	40.2	45.0	39.4	3,155	3,700	3,494
MD	32.4	30.0	25.4	2,511	2,309	2,140	WA	39.7	41.3	30.4	3,460	3,629	3,046
MA	16.4	17.5	15.8	1,747	1,891	1,788	WV	2.3	2.6	2.2	152	185	173
MI	37.0	39.8	33.7	3,000	3,390	3,123	WI	31.0	32.1	21.7	2,377	2,624	2,178
MN	26.4	27.3	23.0	2,482	2,672	2,469	WY	1.0	1.2	1.1	103	136	130
MS	6.3	8.1	6.9	370	495	464							

Source: U.S. Bureau of the Census, *Construction Reports*, series C40, annual.

No. 1201. Valuation of Construction Authorized by Permit, by Type of Construction and State: 1993

[In millions of dollars]

STATE	Total [1]	Residential	NONRESIDENTIAL				STATE	Total [1]	Residential	NONRESIDENTIAL			
			Total [2]	Industrial	Office	Stores				Total [2]	Industrial	Office	Stores
U.S.	**186,117**	**106,801**	**35,601**	**4,926**	**6,123**	**11,612**	MO	3,171	1,750	660	69	148	185
							MT	369	212	69	6	9	40
AL	2,315	1,147	672	65	261	154	NE	1,046	551	229	55	35	71
AK	451	228	129	6	20	95	NV	2,607	1,637	382	55	70	118
AZ	4,870	3,778	559	48	77	242	NH	722	381	136	28	10	54
AR	1,174	644	317	37	61	127	NJ	4,177	2,087	498	39	107	127
CA	20,183	10,195	3,563	422	612	1,324	NM	1,320	775	315	109	108	63
CO	4,457	3,096	550	85	69	210	NY	7,021	2,621	2,220	75	171	639
CT	1,890	930	254	32	46	80	NC	7,014	4,431	1,381	222	300	377
DE	649	313	146	8	85	29	ND	346	190	65	10	18	16
DC	255	21	130	-	76	3	OH	7,636	4,319	1,552	239	309	465
FL	14,752	9,658	2,391	107	335	708	OK	1,372	809	294	29	37	122
GA	6,754	4,302	1,303	223	302	453	OR	3,065	1,956	438	98	46	152
HI	1,419	679	306	8	48	135	PA	6,550	3,547	1,297	181	231	426
ID	1,401	929	258	62	45	62	RI	430	235	61	2	2	30
IL	8,023	4,487	1,464	224	279	523	SC	3,002	1,694	751	202	104	231
IN	5,106	2,896	1,091	193	171	421	SD	512	242	95	13	20	26
IA	1,635	882	391	107	64	102	TN	3,911	2,171	751	109	158	241
KS	1,602	1,028	295	69	52	76	TX	11,668	6,896	2,522	407	452	964
KY	2,055	1,173	495	121	62	170	UT	2,191	1,508	393	83	50	95
LA	1,675	859	423	19	63	181	VT	372	202	76	14	11	22
ME	644	309	142	7	23	55	VA	5,673	3,700	803	94	111	237
MD	3,595	2,309	453	31	88	128	WA	5,852	3,629	1,132	175	262	362
MA	3,829	1,891	623	35	68	194	WV	529	185	185	87	19	43
MI	6,174	3,390	1,133	244	161	419	WI	4,552	2,624	924	208	173	256
MN	4,488	2,672	635	111	54	177	WY	262	136	62	6	4	23
MS	1,327	495	586	49	36	159							

- Represents zero. [1] Includes residential and nonresidential additions and alterations, residential nonhousekeeping buildings, and residential garages and carports, not shown separately. [2] Includes other types of construction not shown separately.

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

No. 1202. New Privately-Owned Housing Units Started—Selected Characteristics: 1970 to 1993

[In thousands. For composition of regions, see table 26. See also *Historical Statistics, Colonial Times to 1970*, series N 156-163 and 170]

YEAR	Total units	STRUCTURES WITH—			REGION				CONDOMINIUM UNITS [1]		
		One unit	2 to 4 units	5 or more units	North-east	Mid-west	South	West	Total	Single-family	Multi-family
1970	1,434	813	85	536	218	294	612	311	(NA)	(NA)	(NA)
1971	2,052	1,151	120	781	264	434	869	486	(NA)	(NA)	(NA)
1972	2,357	1,309	141	906	330	443	1,057	527	(NA)	(NA)	(NA)
1973	2,045	1,132	118	795	277	440	899	429	241	69	172
1974	1,338	888	68	382	183	317	553	285	175	46	130
1975	1,160	892	64	204	149	294	442	275	65	20	45
1976	1,538	1,162	86	289	169	400	569	400	95	30	64
1977	1,987	1,451	122	414	202	465	783	538	118	41	77
1978	2,020	1,433	125	462	200	451	824	545	156	42	114
1979	1,745	1,194	122	429	178	349	748	470	198	43	156
1980	1,292	852	110	331	125	218	643	306	186	35	150
1981	1,084	705	91	288	117	165	562	240	181	36	145
1982	1,062	663	80	320	117	149	591	205	170	40	130
1983	1,703	1,068	113	522	168	218	935	382	276	77	199
1984	1,750	1,084	121	544	204	243	866	436	291	96	194
1985	1,742	1,072	93	576	252	240	782	468	225	79	146
1986	1,805	1,179	84	542	294	296	733	483	214	80	134
1987	1,620	1,146	65	409	269	298	634	420	196	73	123
1988	1,488	1,081	59	348	235	274	575	404	148	53	95
1989	1,376	1,003	55	318	179	266	536	396	118	37	82
1990	1,193	895	37	260	131	253	479	329	75	22	53
1991	1,014	840	36	138	113	233	414	254	60	21	39
1992	1,200	1,030	31	139	127	288	497	288	74	35	40
1993	1,288	1,126	29	133	126	298	562	302	86	45	41

NA Not available. [1] Type of ownership under which the owners of the individual housing units are also joint owners of the common areas of the building or community. Includes a small number of cooperatively-owned units.

Source: U.S. Bureau of the Census, *Current Construction Reports*, series C20, monthly.

No. 1203. New Privately-Owned Housing Units Started, by State: 1990 to 1993

[In thousands of units]

REGION, DIVISION, AND STATE	1990	1991	1992	1993		REGION, DIVISION, AND STATE	1990	1991	1992	1993	
				Total units	Single-family units					Total units	Single-family units
U.S.	**1,193.0**	**1,014.0**	**1,200.0**	**1,241.0**	**1,087.0**	DC	0.4	0.3	0.1	0.1	0.1
						VA	43.2	34.8	41.6	44.6	40.7
Northeast	**131.0**	**113.0**	**127.0**	**124.0**	**110.0**	WV	3.1	3.4	3.9	4.3	3.9
N.E	**39.2**	**33.8**	**41.8**	**40.4**	**37.4**	NC	46.3	41.3	52.8	59.8	53.4
ME	5.1	4.3	4.5	4.1	3.9	SC	22.5	20.1	23.3	23.5	22.1
NH	4.6	3.9	4.4	5.2	4.1	GA	44.9	39.4	48.0	51.6	48.8
VT	2.6	2.4	2.4	2.4	2.1	FL	136.7	99.9	111.1	128.4	108.6
MA	15.1	13.2	17.5	17.3	16.3	**E.S.C.**	**64.7**	**59.3**	**73.0**	**80.6**	**72.0**
RI	3.2	2.5	3.1	3.0	2.8	KY	15.2	14.5	18.4	19.4	16.6
CT	8.5	7.5	10.4	9.3	8.2	TN	24.9	23.1	28.3	31.2	28.8
M.A.	**91.9**	**79.1**	**85.0**	**83.2**	**72.8**	AL	16.8	14.9	17.8	20.1	17.3
NY	33.5	27.7	29.2	26.9	21.4	MS	7.8	6.8	8.5	10.0	9.3
NJ	20.0	15.6	17.5	17.3	15.2	**W.S.C**	**79.8**	**84.8**	**106.9**	**123.4**	**110.4**
PA	38.5	35.7	38.3	39.0	36.2	AR	9.0	9.2	10.6	12.2	10.4
Midwest	**252.0**	**233.0**	**289.0**	**285.0**	**244.0**	LA	7.8	8.7	11.7	12.7	12.3
E.N.C	**181.4**	**163.9**	**203.7**	**200.2**	**170.6**	OK	7.9	8.3	11.3	13.5	13.1
OH	42.7	39.5	51.9	48.1	40.9	TX	55.1	58.6	73.3	85.1	74.5
IN	28.5	27.4	35.3	35.4	31.7	**West**	**330.0**	**254.0**	**288.0**	**279.0**	**240.0**
IL	41.9	36.0	44.8	47.5	40.5	**Mt.**	**83.4**	**82.1**	**113.2**	**121.8**	**109.3**
MI	40.5	34.3	40.5	38.6	34.8	MT	1.6	2.2	3.4	3.5	3.1
WI	27.8	26.7	31.2	30.6	23.0	ID	6.2	7.5	11.6	10.9	9.4
W.N.C	**70.8**	**69.4**	**85.5**	**85.2**	**73.4**	WY	1.0	1.1	1.8	1.8	1.7
MN	22.3	20.8	25.4	24.4	22.7	CO	12.4	14.7	24.5	29.5	26.0
IA	9.0	9.5	12.3	12.1	9.3	NM	4.5	4.8	6.3	6.2	5.9
MO	17.2	17.6	21.4	22.1	19.8	AZ	23.2	24.0	32.4	36.0	33.6
ND	1.8	2.5	2.9	3.1	2.0	UT	7.5	9.5	13.5	15.6	13.7
SD	3.2	2.7	3.7	3.9	2.9	NV	26.9	18.4	19.8	18.3	15.8
NE	7.6	7.2	8.6	8.5	7.0	**Pac.**	**246.4**	**171.5**	**175.2**	**158.9**	**130.3**
KS	9.7	9.0	11.1	11.0	9.8	WA	46.0	35.0	40.4	38.7	30.7
South.	**479.0**	**414.0**	**496.0**	**554.0**	**494.0**	OR	22.7	16.8	20.3	19.7	16.7
S.A	**334.8**	**270.0**	**316.0**	**350.4**	**311.3**	CA	170.5	110.6	106.0	90.0	76.0
DE	5.9	4.9	5.8	6.3	5.9	AK	1.0	1.3	1.6	1.8	1.7
MD	31.8	26.0	29.3	31.8	27.7	HI	6.3	7.7	6.8	6.7	5.1

Source: National Association of Home Builders, Economics, Mortgage Finance and Housing Policy Division, *Forecast of Housing Activity*.

No. 1204. Characteristics of New Privately Owned One-Family Houses Completed: 1970 to 1993

[**Percent distribution, except as indicated.** Data beginning 1980 show percent distribution of characteristics for all houses completed (includes new houses completed, houses built for sale completed, contractor-built and owner-built houses completed, and houses completed for rent). Data for 1970 cover contractor-built, owner-built, and houses for rent for year construction started and houses sold for year of sale. Percents exclude houses for which characteristics specified were not reported]

CHARACTERISTIC	1970	1980	1990	1992	1993
Total houses (1,000)	**793**	**957**	**966**	**964**	**1,039**
Financing	**100**	**100**	**100**	**100**	**100**
Mortgage	84	81	82	86	87
FHA-insured	30	16	14	10	9
VA-guaranteed	7	8	4	5	6
Conventional	47	55	62	69	71
Farmers Home Administration	(1)	3	2	1	1
Cash or equivalent	16	18	18	14	13
Floor area	**100**	**100**	**100**	**100**	**100**
Under 1,200 sq. ft	36	21	11	10	9
1,200 to 1,599 sq. ft	28	29	22	22	21
1,600 to 1,999 sq. ft	16	22	22	23	23
2,000 to 2,399 sq. ft	21	13	17	17	18
2,400 sq. ft. and over	(2)	15	29	29	29
Average (sq. ft.)	1,500	1,740	2,080	2,095	2,095
Median (sq. ft.)	1,385	1,595	1,905	1,920	1,945
Number of stories	**100**	**100**	**100**	**100**	**100**
1	74	60	46	48	48
2 or more	17	31	49	47	48
Split level	10	8	4	5	4
Foundation	**100**	**100**	**100**	**100**	**100**
Full or partial basement	37	36	38	42	40
Slab	36	45	40	38	40
Crawl space	27	19	21	20	20
Bedrooms	**100**	**100**	**100**	**100**	**100**
2 or less	13	17	15	12	12
3	63	63	57	59	58
4 or more	24	20	29	29	30
Bathrooms	**100**	**100**	**100**	**100**	**100**
1 1/2 or less	20	10	5	13	12
2	32	48	42	40	40
2 1/2 or more	16	25	45	47	48
Heating fuel	**100**	**100**	**100**	**100**	**100**
Electricity	28	50	33	29	29
Gas	62	41	59	65	66
Oil	8	3	5	4	3
Other	1	5	3	2	2
Heating system	**100**	**100**	**100**	**100**	**100**
Warm air furnace	71	57	65	66	67
Electric heat pump	(NA)	24	23	24	24
Other	29	19	12	11	10
Central air-conditioning	**100**	**100**	**100**	**100**	**100**
With	34	63	76	77	78
Without	66	37	24	23	22
Fireplaces	**100**	**100**	**100**	**100**	**100**
No fireplace	65	43	34	36	37
1 or more	35	56	66	64	63
Parking facilities	**100**	**100**	**100**	**100**	**100**
Garage	58	69	82	83	84
Carport	17	7	2	2	2
No garage or carport	25	24	16	15	14

NA Not available. [1] Included with "Conventional" financing. [2] Included with floor area of 2,000 to 2,399 square feet.
Source: U.S. Bureau of the Census and U.S. Dept. of Housing and Urban Development, *Current Construction Reports*, series C25, *Characteristics of New Housing*, annual.

No. 1205. New Privately Owned One-Family Houses Sold, by Region and Type of Financing, 1970 to 1993, and by Sales-Price Group, 1993

[**In thousands.** Based on a national probability sample of monthly interviews with builders or owners of one-family houses for which building permits have been issued or, for nonpermit areas, on which construction has started. For details, see source. For composition of regions, see table 26]

YEAR AND SALES-PRICE GROUP	Total sales	REGION				FINANCING TYPE			
		North-east	Midwest	South	West	Conven-tional	FHA and VA	Farmers Home Admin.	Cash
1970	485	61	100	203	121	[1]213	244	(1)	27
1971	656	82	127	270	176	[1]314	314	(1)	28
1972	718	96	130	305	187	[1]447	242	(1)	30
1973	634	95	120	257	161	[1]465	134	(1)	34
1974	519	69	103	207	139	[1]378	112	(1)	28
1975	549	71	106	222	150	363	122	43	22
1976	646	72	128	247	199	458	134	23	31
1977	819	86	162	317	255	592	166	24	38
1978	817	78	145	331	262	575	174	26	43
1979	709	67	112	304	225	469	186	18	36
1980	545	50	81	267	145	302	196	14	32
1981	436	46	60	219	112	244	142	14	36
1982	412	47	48	219	99	193	173	11	34
1983	623	76	71	323	152	350	217	8	49
1984	639	94	76	309	160	423	149	9	58
1985	688	112	82	323	170	403	208	11	64
1986	750	136	96	322	196	411	268	12	59
1987	671	117	97	271	186	408	190	8	64
1988	676	101	97	276	202	437	171	6	62
1989	650	86	102	260	202	416	162	14	58
1990	534	71	89	225	149	337	138	10	50
1991	509	57	93	215	144	329	128	9	43
1992	610	65	116	259	170	428	134	7	41
1993	**667**	**60**	**124**	**295**	**189**	**476**	**146**	**5**	**37**
Under $80,000	87	2	15	58	12	37	38	5	6
$80,000 to $119,999	210	12	40	100	58	123	74	(B)	12
$120,000 to $149,999	133	12	27	51	44	102	24	(B)	7
$150,000 to $199,999	122	15	22	47	38	106	10	(B)	6
$200,000 and over	115	19	20	39	37	108	(B)	(B)	6

B Withheld because estimate did not meet publication standards on the basis of sample size. [1] Houses financed by Farmers Home Administration included under conventional financing.
Source: U.S. Bureau of the Census and U.S. Dept. of Housing and Urban Development, *Current Construction Reports*, series C25, *Characteristics of New Housing*, annual; and *New One-Family Houses Sold*, monthly.

No. 1206. Median Sales Price of New Privately Owned One-Family Houses Sold, by Region: 1970 to 1993

[In dollars. For definition of median, see Guide to Tabular Presentation. For composition of regions, see table 26]

YEAR	U.S.	North-east	Midwest	South	West	YEAR	U.S.	North-east	Midwest	South	West
1970	23,400	30,300	24,400	20,300	24,000	1982	69,300	78,200	68,900	66,100	75,000
1971	25,200	30,600	27,200	22,500	25,500	1983	75,300	82,200	79,500	70,900	80,100
1972	27,600	31,400	29,300	25,800	27,500	1984	79,900	88,600	85,400	72,000	87,300
1973	32,500	37,100	32,900	30,900	32,400	1985	84,300	103,300	80,300	75,000	92,600
1974	35,900	40,100	36,100	34,500	35,800	1986	92,000	125,000	88,300	80,200	95,700
1975	39,300	44,000	39,600	37,300	40,600	1987	104,500	140,000	95,000	88,000	111,000
1976	44,200	47,300	44,800	40,500	47,200	1988	112,500	149,000	101,800	92,000	126,500
1977	48,800	51,600	51,500	44,100	53,500	1989	120,000	159,600	108,800	96,400	139,000
1978	55,700	58,100	59,200	50,300	61,300	1990	122,900	159,000	107,900	99,000	147,500
1979	62,900	65,500	63,900	57,300	69,600	1991	120,000	155,900	110,000	100,000	141,100
1980	64,600	69,500	63,400	59,600	72,300	1992	121,500	169,000	115,600	105,500	130,400
1981	68,900	76,000	65,900	64,400	77,800	1993	126,500	162,600	125,000	115,000	135,000

Source: U.S. Bureau of the Census and U.S. Dept. of Housing and Urban Development, *Current Construction Reports*, series C25, *Characteristics of New Housing*, annual; and *New One-Family Houses Sold*, monthly.

No. 1207. New Mobile Homes Placed for Residential Use and Average Sales Price, by Region: 1980 to 1993

[A mobile home is a moveable dwelling, 10 feet or more wide and 35 feet or more long, designed to be towed on its own chassis and without need of a permanent foundation. Excluded are travel trailers, motor homes, and modular housing. Data are based on a probability sample and subject to sampling variability; see source. For composition of regions, see table 26]

YEAR	UNITS PLACED (1,000)					AVERAGE SALES PRICE (dol.)				
	Total	North-east	Mid-west	South	West	U.S.	North-east	Mid-west	South	West
1980	233.7	12.3	32.3	140.3	48.7	19,800	18,500	18,600	18,200	25,400
1981	229.2	12.0	30.1	143.5	43.6	19,900	19,000	18,900	18,400	25,600
1982	234.1	12.4	25.6	161.1	35.0	19,700	19,800	20,000	18,500	24,700
1983	278.1	16.3	34.3	186.0	41.4	21,000	21,400	20,400	19,700	27,000
1984	287.9	19.8	35.2	193.4	39.4	21,500	22,200	21,100	20,200	27,400
1985	283.4	20.2	38.6	187.6	36.9	21,800	22,700	21,500	20,400	28,700
1986	256.1	21.2	37.2	162.3	35.4	22,400	24,400	21,800	20,700	29,900
1987	239.2	23.6	40.0	145.5	30.1	23,700	25,600	23,700	21,900	31,000
1988	224.3	22.7	39.1	130.7	31.8	25,100	27,000	24,600	22,700	33,900
1989	202.8	20.2	39.1	112.8	30.6	27,200	30,200	26,700	24,100	37,800
1990	195.4	18.8	37.7	108.4	30.6	27,800	30,000	27,000	24,500	39,300
1991	174.3	14.3	35.4	97.8	27.0	27,700	30,400	27,600	24,500	38,600
1992	212.0	15.0	42.2	124.4	30.4	28,400	30,900	28,800	25,400	39,000
1993	242.5	15.4	44.5	146.7	35.9	30,500	32,000	31,400	27,700	40,500

Source: U.S. Bureau of the Census, *Current Construction Reports*, series C20.

No. 1208. Existing One-Family Houses Sold and Price, by Region: 1970 to 1993

[Based on data (adjusted and aggregated to regional and national totals) reported by participating real estate multiple listing services. For definition of median, see Guide to Tabular Presentation. For composition of regions, see table 26]

YEAR	HOUSES SOLD (1,000)					MEDIAN SALES PRICE (dol.)				
	Total	North-east	Mid-west	South	West	Total	North-east	Mid-west	South	West
1970	1,612	251	501	568	292	23,000	25,200	20,100	22,200	24,300
1971	2,018	311	583	735	389	24,800	27,100	22,100	24,300	26,500
1972	2,252	361	630	788	473	26,700	29,800	23,900	26,400	28,400
1973	2,334	367	674	847	446	28,900	32,800	25,300	29,000	31,000
1974	2,272	354	645	839	434	32,000	35,800	27,700	32,300	34,800
1975	2,476	370	701	862	543	35,300	39,300	30,100	34,800	39,600
1976	3,064	439	881	1,033	712	38,100	41,800	32,900	36,500	46,100
1977	3,650	515	1,101	1,231	803	42,900	44,400	36,700	39,800	57,300
1978	3,986	516	1,144	1,416	911	48,700	47,900	42,200	45,100	66,700
1979	3,827	526	1,061	1,353	887	55,700	53,600	47,800	51,300	77,400
1980	2,973	403	806	1,092	672	62,200	60,800	51,900	58,300	89,300
1981	2,419	353	632	917	516	66,400	63,700	54,300	64,400	96,200
1982	1,990	354	490	780	366	67,800	63,500	55,100	67,100	98,900
1983	2,719	493	709	1,035	481	70,300	72,200	56,600	69,200	94,900
1984	2,868	511	755	1,073	529	72,400	78,700	57,100	71,300	95,800
1985	3,214	622	866	1,172	554	75,500	88,900	58,900	75,200	95,400
1986	3,565	703	991	1,261	610	80,300	104,800	63,500	78,200	100,900
1987	3,526	685	959	1,282	600	85,600	133,300	66,000	80,400	113,200
1988	3,594	673	929	1,350	642	89,300	143,000	68,400	82,200	124,900
1989	3,346	531	855	1,185	775	93,100	145,200	71,300	84,500	139,900
1990	3,211	469	831	1,202	709	95,500	141,200	74,000	85,900	139,600
1991	3,220	479	840	1,199	702	100,300	141,900	77,800	88,900	147,200
1992	3,520	534	939	1,292	755	103,700	140,000	81,700	92,100	143,800
1993	3,802	571	1,007	1,416	808	106,800	139,500	85,200	95,000	142,600

Source: National Association of REALTORS, Washington, DC, *Real Estate Outlook: Market Trends & Insights* (copyright).

No. 1209. Median Sales Price of Existing One-Family Homes, by Selected Metropolitan Area: 1990 to 1993

[In thousands of dollars. Areas are metropolitan statistical areas (MSA's) except as indicated; for definitions and components, see Appendix II]

METROPOLITAN AREA	1990	1991	1992	1993	METROPOLITAN AREA	1990	1991	1992	1993
U.S., all areas	**95.5**	**100.3**	**103.7**	**106.7**	Memphis, TN-AR-MS	78.1	82.5	85.3	87.0
					Miami-Hialeah, FL PMSA	89.3	93.7	97.1	98.8
Albany-Schenectady-Troy, NY	106.9	110.3	111.4	112.3	Milwaukee, WI PMSA	84.4	90.0	97.0	104.1
Anaheim-Santa Ana, CA MSA	242.4	239.7	234.8	220.7	Minneapolis-St. Paul, MN-WI	88.7	91.1	94.2	98.2
Baltimore, MD	105.9	110.1	113.4	115.7	Nashville, TN	81.8	86.9	88.8	90.4
Birmingham, AL	80.8	86.0	90.9	96.5	New Orleans, LA	67.8	71.8	73.6	76.8
Boston, MA PMSA	174.1	170.1	171.1	173.2	New York-Northern New Jersey-Long Island, NY-NJ-CT CMSA	174.9	173.5	172.7	173.2
Buffalo-Niagara Falls, NY CMSA	77.2	79.7	81.7	83.5	Oklahoma City, OK	53.2	57.0	61.6	64.9
Charlotte-Gastonia-Rock Hill, NC-SC	93.1	101.4	102.2	106.1	Orlando, FL	82.8	86.3	87.6	90.1
Chicago, IL PMSA	116.8	131.1	136.8	142.0	Philadelphia, PA-NJ PMSA	108.7	118.4	117.0	118.0
Cincinnati, OH-KY-IN PMSA	79.8	84.9	88.6	91.4	Phoenix, AZ	84.0	85.5	86.8	89.1
Cleveland, OH PMSA	80.6	86.2	90.7	95.0	Pittsburgh, PA PMSA	70.1	74.2	78.6	82.2
Columbus, OH	81.6	85.2	91.0	91.8	Portland, OR PMSA	79.5	88.5	97.7	106.0
Dallas, TX PMSA	89.5	88.3	91.3	94.5	Richmond-Petersburg VA	87.5	92.5	93.9	94.1
Denver, CO PMSA	86.4	89.1	96.2	104.7	Riverside/San Bernardino, CA PMSA	132.1	137.6	136.2	134.5
Detroit, MI PMSA	76.7	80.6	81.3	86.0	Rochester, NY	79.8	81.5	84.7	84.8
Ft. Lauderdale-Hollywood-Pompano Beach, FL PMSA	92.6	96.2	99.1	103.1	St. Louis, MO-IL	76.7	79.4	83.2	84.8
Ft. Worth-Arlington TX PMSA	76.7	77.6	80.2	82.9	Sacramento, CA	137.5	137.7	134.0	129.4
Hartford, CT PMSA	157.3	148.2	141.1	135.3	Salt Lake City-Ogden, UT	69.4	72.8	76.5	84.9
Honolulu, HI	352.0	340.0	349.0	358.5	San Antonio, TX	63.6	64.9	70.4	77.0
Houston, TX PMSA	70.7	74.0	80.3	80.9	San Diego, CA	183.2	187.5	183.1	177.4
Indianapolis, IN	74.8	79.1	83.7	86.6	San Francisco Bay Area-	259.3	258.5	254.7	250.2
Jacksonville, FL	72.4	73.7	76.8	77.1	Seattle-Tacoma, WA CMSA	142.0	143.1	145.7	150.2
Kansas City, MO-KS	74.1	76.6	79.5	83.6	Tampa-St. Petersburg-Clearwater, FL	71.4	71.3	72.6	75.0
Las Vegas, NV	93.0	101.4	104.3	108.2	Washington, DC-MD-VA	150.5	156.7	157.8	158.3
Los Angeles-Long Beach, CA PMSA	212.1	218.9	213.1	197.9	West Palm Beach-Boca Raton-Delray Beach, FL	108.0	116.3	114.1	114.6
Louisville, KY-IN	60.8	65.4	69.5	74.5					

Source: National Association of REALTORS, Washington, DC, *Real Estate Outlook: Market Trends & Insights* (copyright).

No. 1210. Existing Home Sales, by State: 1990 to 1993

[In thousands]

STATE	1990	1991	1992	1993	STATE	1990	1991	1992	1993
United States [1]	**3,211**	**3,220**	**3,520**	**3,802**	Missouri	84.1	82.7	98.8	106.4
Alabama	61.1	64.0	72.5	77.9	Montana	12.7	13.9	16.6	16.2
Alaska	(NA)	(NA)	(NA)	(NA)	Nebraska	19.3	19.9	22.4	23.2
Arizona	86.3	79.7	89.8	107.9	Nevada	26.2	25.6	25.6	30.5
Arkansas	44.8	43.4	47.8	52.8	New Hampshire	7.9	9.3	12.0	13.6
California [2]	452.1	425.4	428.2	437.7	New Jersey	114.8	118.8	132.1	139.0
Colorado	54.2	59.6	71.4	82.1	New Mexico	23.6	24.4	29.2	31.0
Connecticut	34.3	37.6	40.0	45.9	New York	125.5	127.2	136.3	143.0
Delaware	9.7	10.4	10.0	9.4	North Carolina	135.9	139.9	160.2	185.0
District of Columbia	13.1	12.5	12.4	12.3	North Dakota	10.4	10.3	11.9	11.8
Florida	183.3	176.0	179.2	208.9	Ohio	151.6	149.8	167.4	179.1
Georgia	73.2	70.7	(NA)	(NA)	Oklahoma	53.4	52.5	57.6	61.5
Hawaii	19.2	12.2	11.6	12.5	Oregon	56.6	48.1	52.5	58.8
Idaho	18.1	19.0	21.6	23.4	Pennsylvania	182.7	179.2	204.4	216.1
Illinois	160.9	168.1	186.2	193.9	Rhode Island	7.8	7.8	10.0	11.0
Indiana	80.1	76.0	84.8	100.8	South Carolina	57.8	53.9	58.9	62.2
Iowa	51.9	54.1	53.1	53.5	South Dakota	11.6	11.3	12.7	13.7
Kansas	38.8	37.1	46.2	53.7	Tennessee	92.7	92.0	102.2	120.5
Kentucky	66.4	67.8	78.7	83.3	Texas	240.0	242.0	242.7	258.8
Louisiana	41.6	47.1	47.0	49.3	Utah	22.1	26.3	31.5	31.2
Maine	(NA)	(NA)	10.3	11.6	Vermont	6.1	8.1	9.5	11.0
Maryland	67.1	66.8	69.0	73.4	Virginia	96.9	90.3	101.3	104.2
Massachusetts	44.0	49.6	57.6	66.0	Washington	87.7	86.9	91.3	97.0
Michigan	145.0	145.0	157.3	170.6	West Virginia	42.0	43.3	46.8	45.7
Minnesota	64.8	66.3	75.7	81.8	Wisconsin	71.7	82.8	91.5	94.6
Mississippi	34.7	35.2	39.2	43.6	Wyoming	7.4	8.2	9.9	10.9

NA Not available. [1] U.S. totals are derived independently and therefore are not equal to the sum of the States. [2] Provided by the California Association of Realtors.

Source: National Association of REALTORS, Washington, DC, *Real Estate Outlook: Market Trends & Insights* (copyright).

No. 1211. New Apartments Completed and Rented in 3 Months, by Region: 1980 to 1992

[Structures with five or more units, privately financed, nonsubsidized, unfurnished apartments. Based on sample and subject to sampling variability. For composition of regions, see table 26]

YEAR AND RENT	NUMBER (1,000)					PERCENT RENTED IN 3 MONTHS				
	U.S.	North-east	Mid-west	South	West	U.S.	North-east	Mid-west	South	West
1980	196.1	14.2	43.8	91.5	46.6	75	77	77	74	75
1981	135.3	4.9	36.9	68.4	25.1	80	85	86	78	75
1982	117.0	4.6	21.9	66.8	23.7	72	74	79	70	72
1983	191.5	3.5	41.1	115.1	31.8	69	73	86	63	69
1984	313.2	3.8	41.2	194.4	73.9	67	64	79	63	70
1985	365.2	8.1	54.0	166.1	137.0	65	69	72	59	68
1986	407.6	16.9	64.5	171.7	154.5	66	70	70	62	67
1987	345.6	11.3	66.0	124.5	143.9	63	73	65	59	64
1988	284.5	8.7	60.4	91.7	123.8	66	52	73	58	69
1989	247.8	13.4	45.8	86.3	102.3	70	74	74	68	69
1990	214.3	12.7	44.3	77.2	80.0	67	66	75	64	65
1991	165.3	6.8	37.9	63.6	57.0	70	83	78	65	68
1992	**110.5**	**11.0**	**33.8**	**37.5**	**28.3**	**74**	**75**	**80**	**72**	**70**
Less than $350	9.5	2.9	1.0	4.1	1.5	83	85	88	75	99
$350-$449	13.2	2.0	6.0	3.7	1.5	70	67	71	70	71
$450-$549	24.3	0.3	11.7	7.2	5.1	83	30	90	77	75
$550-$649	21.6	0.2	8.9	6.9	5.6	71	92	74	70	68
$650-$749	12.4	0.3	3.0	4.9	4.1	69	62	75	66	68
$750 or more	29.5	5.3	3.0	10.7	10.5	71	74	78	74	65
Median asking rent	588	685	533	603	662	(X)	(X)	(X)	(X)	(X)

X Not applicable.
Source: U.S. Bureau of the Census, *Current Housing Reports,* series H130 and H131, and unpublished data.

No. 1212. Gross Housing Product—Summary: 1980 to 1992

[**In billions of dollars.** For definition of current and constant dollars, see Guide to Tabular Presentation]

ITEM	CURRENT DOLLARS					CONSTANT (1987) DOLLARS				
	1980	1985	1990	1991	1992	1980	1985	1990	1991	1992
Housing output [1]	245.3	377.0	525.7	552.1	576.9	383.1	418.7	456.6	462.0	468.0
Nonfarm housing	240.2	372.0	520.6	546.8	571.6	376.9	413.5	452.1	457.6	463.7
Owner-occupied	178.4	271.0	379.5	399.1	417.8	278.7	301.3	326.6	330.7	334.8
Tenant-occupied	61.8	101.0	141.1	147.7	153.8	98.2	112.2	125.5	126.9	128.8
Farm housing	5.1	5.0	5.2	5.3	5.3	6.3	5.3	4.5	4.5	4.4
Less: Intermediate goods and services consumed	*35.8*	*49.9*	*71.6*	*74.5*	*71.4*	*55.9*	*55.4*	*62.3*	*63.2*	*65.2*
Equals: **Gross housing product**	**209.5**	**327.1**	**454.1**	**477.6**	**505.5**	**327.2**	**363.3**	**394.4**	**398.8**	**402.8**

[1] Equals personal consumption expenditures (see text, section 14) for housing, less expenditures for transient hotels, motels, clubs, schools, and other group housing.
Source: U.S. Bureau of Economic Analysis, *Survey of Current Business,* July 1992 and August 1993 issues, and *National Income and Product Accounts of the United States: Volume 2, 1959-88.*

No. 1213. Residential Capital—Year-end Stocks and Average Age: 1970 to 1991

[As of **Dec. 31.** Data based on fixed residential capital formation components of the gross national product. For definition of current and constant dollars, see Guide to Tabular Presentation]

ITEM	CURRENT DOLLARS (bil. dol.)				CONSTANT (1987) DOLLARS (bil. dol.)				AVERAGE AGE [1] (years)			
	1970	1980	1990	1991	1970	1980	1990	1991	1970	1980	1990	1991
Gross stocks [2]	**1,244**	**4,391**	**7,563**	**7,889**	**3,961**	**5,443**	**6,917**	**7,032**	**24.8**	**23.2**	**23.6**	**23.8**
Private nonfarm:												
1 to 4 units	1,001	3,502	6,074	6,344	3,208	4,356	5,556	5,657	25.3	23.9	24.2	24.4
5 or more units	131	522	933	973	421	647	853	864	17.7	17.8	19.8	20.3
Farm (1 to 4 units)	55	136	163	166	176	170	150	147	43.9	42.8	43.2	43.2
Private nonhouse-keeping	10	24	32	32	32	29	29	29	14.6	19.3	23.7	23.9
Mobile homes	15	79	124	129	31	88	112	110	5.1	7.7	10.7	11.0
Public: Federal, State and local	25	99	176	184	80	122	162	166	14.9	17.2	19.5	19.8
Net stocks [2 3]	**813**	**2,910**	**4,913**	**5,095**	**2,590**	**3,607**	**4,491**	**4,542**	**16.2**	**15.8**	**16.8**	**17.1**
Private nonfarm:												
1 to 4 units	656	2,334	3,991	4,147	2,102	2,902	3,649	3,698	16.8	16.3	17.2	17.4
5 or more units	93	371	629	648	301	459	575	576	11.0	12.8	15.2	15.7
Farm (1 to 4 units)	24	58	68	69	76	73	62	61	28.7	26.4	26.6	26.6
Private nonhouse-keeping	6	12	14	14	21	15	12	12	9.0	16.0	18.4	18.3
Mobile homes	11	48	62	63	23	54	55	53	3.8	6.0	7.5	7.7
Public: Federal, State and local	18	70	117	121	60	87	107	109	12.7	13.5	14.6	14.7

[1] Constant-dollar stocks. [2] Includes equipment, not shown separately. [3] Based on straight-line depreciation.
Source: U.S. Bureau of Economic Analysis, *Fixed Reproducible Tangible Wealth in the United States, 1925-89,* and *Survey of Current Business,* January 1992 and September 1993 issues.

No. 1214. Housing Units—Historical Trends for Selected Characteristics: 1940 to 1990

[As of April 1. Based on the Census of Population and Housing; see Appendix III]

CHARACTERISTIC	NUMBER OF UNITS						PERCENT DISTRIBUTION					
	1940	1950	1960	1970	1980	1990	1940	1950	1960	1970	1980	1990
UNITS IN STRUCTURE												
All housing units [1]	**37,325**	**45,983**	**58,315**	**67,699**	**86,759**	**102,264**	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**
1 detached	23,731	29,116	40,103	44,801	53,596	60,383	63.6	63.3	68.8	66.2	61.8	59.0
1 attached	[2] 2,835	[3] 2,799	3,655	1,990	3,587	5,378	[2] 7.6	[3] 6.1	6.3	2.9	4.1	5.3
2	3,464	5,302	4,464	5,444	5,309	4,948	9.3	11.5	7.7	8.0	6.1	4.8
3 or 4	2,259	3,374	3,088	3,563	4,373	4,926	6.1	7.3	5.3	5.3	5.0	4.8
5 or more	3,928	5,078	6,238	9,829	15,478	18,105	10.5	11.0	10.7	14.5	17.8	17.7
Mobile home or trailer	(NA)	315	767	2,073	4,416	7,400	(NA)	0.7	1.3	3.1	5.1	7.2
Other	[4] 1,108	(NA)	(NA)	(NA)	(NA)	1,121	[4] 3.0	(NA)	(NA)	(NA)	(NA)	1.1
PLUMBING FACILITIES												
All housing units [1]	**35,026**	**44,502**	**58,315**	**67,657**	**86,693**	**102,264**	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**
Complete plumbing facilities	19,174	28,729	48,537	62,984	84,359	101,162	54.7	64.6	83.2	93.1	97.3	98.9
Lacking complete plumbing facilities	15,852	15,773	9,778	4,672	2,334	1,102	45.3	35.4	16.8	6.9	2.7	1.1
Not reported	2,299	1,481	(NA)	(NA)	(NA)	(NA)	(X)	(X)	(NA)	(NA)	(NA)	(NA)
TELEPHONE IN HOUSING UNIT [5]												
Occupied housing units	**33,884**	**41,829**	**53,024**	**63,450**	**80,390**	**91,947**	**(NA)**	**(NA)**	**100.0**	**100.0**	**100.0**	**100.0**
With telephone	(NA)	(NA)	41,618	55,177	74,720	87,130	(NA)	(NA)	78.5	87.0	92.9	94.8
No telephone	(NA)	(NA)	11,406	8,273	5,670	4,817	(NA)	(NA)	21.5	13.0	7.1	5.2

NA Not available. X Not applicable. [1] Data for 1970 and 1980 are "Year-round housing units," which exclude seasonal and migratory vacant units. [2] Includes 1,656,858 units classified as "2-family side-by-side." [3] Includes 1,588,902 units classified as "1 and 2 dwelling unit." [4] Covers 166,975 units classified as "Other dwelling place" and 940,726 units classified as "1- to 4-family with business." [5] Beginning 1980, data are not completely comparable with earlier years due to change in question asked.

Source: U.S. Bureau of the Census, *1990 Census of Housing,* series CH-1, and earlier census reports.

No. 1215. Occupied Housing Units—Tenure, by Race of Householder: 1920 to 1991

[**In thousands, except as indicated.** As of **April 1, except 1991, as of fall.** Prior to **1960,** excludes Alaska and Hawaii. Statistics on the number of occupied units are essentially comparable although identified by various terms. See also *Historical Statistics, Colonial Times to 1970,* series N 238-245]

RACE AND TENURE	1920	1930	1940	1950	1960	1970	1980	1991
ALL RACES								
Occupied units, total	**24,352**	**29,905**	**34,855**	**42,826**	**53,024**	**63,445**	**80,390**	**93,147**
Owner occupied	11,114	14,280	15,196	23,560	32,797	39,886	51,795	59,796
Percent of occupied	45.6	47.8	43.6	55.0	61.9	62.9	64.4	64.2
Renter occupied	13,238	15,624	19,659	19,266	20,227	23,560	28,595	33,351
WHITE								
Occupied units, total	**21,826**	**26,963**	**31,561**	**39,044**	**47,880**	**56,606**	**68,810**	**79,140**
Owner occupied	10,511	13,544	14,418	22,241	30,823	37,005	46,871	53,749
Percent of occupied	48.2	50.2	45.7	57.0	64.4	65.4	67.8	67.9
Renter occupied	11,315	13,439	17,143	16,803	17,057	19,601	22,139	25,391
BLACK AND OTHER								
Occupied units, total	**2,526**	**2,922**	**3,293**	**3,783**	**5,144**	**6,839**	**11,580**	**14,007**
Owner occupied	603	737	778	1,319	1,974	2,881	5,124	6,047
Percent of occupied	23.9	25.2	23.6	34.9	38.4	42.1	44.2	43.2
Renter occupied	1,923	2,185	2,516	2,464	3,170	3,959	6,456	7,960

Source: U.S. Bureau of the Census, *Census of Housing: 1960,* vol. 1; *1970,* vol. 1; *1980 Census of Housing,* vol. 1, chapter A (HC80-1-A); and *1990 Census of Housing, General Housing Characteristics,* series CH-90-1; 1991 data, *Current Housing Reports,* series H150/91.

No. 1216. Occupied Housing Units—Tenure, by Race and Hispanic Origin of Householder: 1980 and 1990

[As of **April 1.** Based on the Census of Population and Housing; see Appendix III]

RACE AND HISPANIC ORIGIN OF HOUSEHOLDER	ALL HOUSEHOLDS			OWNER OCCUPIED		PERCENT OWNER OCCUPIED		RENTER OCCUPIED	
	1980	1990	Percent change, 1980-1990	1980	1990	1980	1990	1980	1990
Total units	**80,389,673**	**91,947,410**	**14.4**	**51,794,545**	**59,024,811**	**64.4**	**64.2**	**28,595,128**	**32,922,599**
White	68,810,123	76,880,105	11.7	46,670,775	52,432,648	67.8	68.2	22,139,348	24,447,457
Black	8,381,668	9,976,161	19.0	3,724,251	4,327,265	44.4	43.4	4,657,417	5,648,896
American Indian, Eskimo, or Aleut	397,252	591,372	48.9	212,209	318,001	53.4	53.8	185,043	273,371
Asian or Pacific Islander	993,458	2,013,735	102.7	521,230	1,050,182	52.5	52.2	472,228	963,553
Other race	1,807,172	2,486,037	37.6	666,080	896,715	36.9	36.1	1,141,092	1,589,322
Hispanic origin [1]	4,007,896	6,001,718	49.7	1,738,920	2,545,584	43.4	42.4	2,268,976	3,456,134

[1] Persons of Hispanic origin may be of any race.

U.S. Bureau of the Census, *1980 Census of Housing,* vol. 1, chapter A (HC80-1-A); and *1990 Census of Housing, General Housing Characteristics,* series CH-90-1.

No. 1217. Occupied Housing Units—

[In thousands of units, except as indicated. As of April.

STATE	Total housing units	SPECIFIED OWNER OCCUPIED UNITS								
		Value categories						Lower quartile value[1] (dol.)	Median (dol.)	Upper quartile value[1] (dol.)
		Less than $50,000	$50,000 to $99,999	$100,000 to $149,000	$150,000 to $199,000	$200,000 to $299,000	$300,000 or more			
United States	**44,916.0**	**11,402.5**	**16,957.5**	**6,773.3**	**4,017.2**	**3,376.9**	**2,390.7**	**49,500**	**79,100**	**137,800**
Alabama	753.8	343.9	310.7	62.5	20.1	11.3	5.4	35,500	53,700	78,800
Alaska	77.5	11.0	31.9	23.0	7.5	3.2	0.9	66,400	94,400	128,500
Arizona	668.7	98.7	372.7	118.8	40.6	23.9	14.0	59,800	80,100	109,900
Arkansas	427.7	235.6	156.9	23.3	6.8	3.5	1.6	31,100	46,300	68,700
California	4,690.3	119.0	636.6	812.1	851.5	1,151.0	1,120.0	127,100	195,500	294,800
Colorado	637.6	84.1	363.1	122.8	37.4	19.9	10.3	62,500	82,700	109,700
Connecticut	643.5	4.6	36.7	165.3	188.0	150.3	98.5	139,000	177,800	246,000
Delaware	137.5	11.8	56.8	38.5	15.6	10.5	4.3	74,800	100,100	143,900
District of Columbia	71.5	1.7	25.2	15.0	6.9	8.4	14.4	86,700	123,900	258,700
Florida	2,378.2	433.1	1,239.1	381.9	151.5	100.6	72.0	56,100	77,100	112,200
Georgia	1,138.8	314.5	531.2	163.2	66.9	39.9	23.1	47,300	71,300	102,100
Hawaii	144.4	3.3	13.1	16.7	21.1	39.7	50.5	156,800	245,300	358,800
Idaho	177.3	66.8	89.4	14.2	3.7	2.0	1.2	42,100	58,200	79,700
Illinois	2,084.7	525.1	786.6	403.2	183.7	114.5	71.6	49,800	80,900	128,300
Indiana	1,137.8	514.3	484.0	92.8	27.0	13.7	6.0	36,500	53,900	78,200
Iowa	566.6	317.8	209.7	27.7	7.0	3.3	1.1	30,200	45,900	65,900
Kansas	500.6	238.0	199.6	41.1	12.3	6.4	3.1	32,400	52,200	78,000
Kentucky	662.2	326.9	260.5	47.5	15.9	8.0	3.4	33,400	50,500	73,400
Louisiana	733.9	289.1	344.5	63.0	19.8	11.5	6.1	38,200	58,500	83,000
Maine	214.7	37.5	95.2	49.3	18.0	10.0	4.7	60,100	87,400	123,300
Maryland	970.9	87.3	300.9	274.2	139.6	103.3	65.6	79,000	116,500	169,300
Massachusetts	1,004.6	9.5	93.5	310.8	298.3	196.4	96.1	126,800	162,800	216,000
Michigan	1,916.1	737.2	814.5	219.2	79.3	46.0	20.0	38,500	60,600	90,600
Minnesota	894.3	204.9	482.3	138.2	38.6	21.1	9.2	52,200	74,000	98,200
Mississippi	441.8	249.3	156.1	24.2	7.0	3.6	1.6	31,400	45,600	67,800
Missouri	1,005.4	385.1	452.6	102.0	33.6	20.3	11.9	38,800	59,800	87,100
Montana	132.4	52.3	68.3	8.4	2.1	1.0	0.3	40,000	56,600	74,200
Nebraska	314.4	155.3	132.4	18.5	4.7	2.4	1.0	32,800	50,400	70,400
Nevada	183.8	8.4	93.3	51.3	16.0	9.1	5.6	75,400	95,700	129,400
New Hampshire	199.4	6.3	45.6	79.9	39.9	21.1	6.6	98,400	129,400	167,600
New Jersey	1,466.3	45.5	241.4	348.8	367.3	301.5	161.9	112,300	162,300	225,000
New Mexico	262.3	73.5	128.2	37.3	12.8	7.2	3.3	46,700	70,100	97,800
New York	2,387.6	243.8	674.4	431.6	439.0	381.0	217.8	76,200	131,600	200,400
North Carolina	1,218.0	382.8	575.7	155.2	56.3	33.1	15.0	44,700	65,800	94,900
North Dakota	103.7	50.6	46.3	5.1	1.1	0.5	0.1	30,800	50,800	70,000
Ohio	2,241.3	734.0	1,102.8	260.5	80.8	42.9	20.3	43,900	63,500	90,200
Oklahoma	616.3	323.7	235.6	36.8	10.9	6.1	3.3	30,800	48,100	71,000
Oregon	511.8	133.3	281.2	62.7	19.5	10.5	4.7	49,200	67,100	92,600
Pennsylvania	2,581.3	829.2	1,017.8	395.9	180.6	109.1	48.7	42,500	69,700	109,500
Rhode Island	176.5	3.0	31.0	78.4	35.6	19.4	9.0	106,000	133,500	171,800
South Carolina	615.4	225.7	280.1	63.5	23.7	14.8	7.6	41,100	61,100	89,100
South Dakota	113.1	64.2	42.4	4.6	1.0	0.5	0.2	27,300	45,200	64,500
Tennessee	938.4	371.8	416.4	91.5	32.2	17.8	8.7	39,600	58,400	85,300
Texas	2,949.1	1,151.2	1,261.1	314.8	111.3	66.5	44.2	38,300	59,600	89,200
Utah	303.7	61.1	188.6	35.2	10.6	5.7	2.5	53,100	68,900	92,000
Vermont	89.2	7.9	41.3	25.5	8.4	4.4	1.7	73,100	95,500	130,000
Virginia	1,192.1	206.7	466.2	203.9	132.8	116.5	66.0	60,100	91,000	155,800
Washington	896.4	124.0	371.3	192.7	101.0	67.8	39.6	63,700	93,400	145,400
West Virginia	350.1	185.3	136.8	18.9	5.4	2.8	0.9	31,200	47,900	69,400
Wisconsin	916.7	287.2	492.2	95.3	24.7	12.3	5.1	45,600	62,500	86,100
Wyoming	78.4	25.9	43.8	6.2	1.5	0.7	0.4	43,900	61,600	82,100

[1] This measure divides the distribution of value and rent categories into four equal parts. The lower quartile value is the value that defines the upper limit of the lowest one-quarter of the cases. The upper quartile value defines the lower limit of the upper one-quarter of the cases in the distribution.

Housing Value and Gross Rent, by State: 1990

Based on the Census of Population and Housing; see Appendix III]

SPECIFIED RENTER OCCUPIED UNITS									
Total housing units	Rent categories							Median (dol.)	STATE
	Less than $200	$200 to $299	$300 to $399	$400 to $499	$500 to $599	$600 to $749	$750 or more		
32,170.0	**2,815.1**	**3,736.2**	**5,879.2**	**5,935.0**	**4,407.0**	**4,064.4**	**3,913.8**	**447**	**United States**
428.0	81.6	87.3	102.1	67.2	29.1	15.7	6.8	325	Alabama
81.9	1.4	4.4	9.8	12.9	11.3	13.1	17.9	559	Alaska
485.8	25.5	46.1	111.5	113.1	71.2	53.0	39.8	438	Arizona
258.1	38.6	57.8	64.8	39.3	17.2	8.5	4.3	328	Arkansas
4,553.4	136.2	198.5	379.5	621.9	736.4	1,004.1	1,361.9	620	California
472.6	36.5	63.3	110.0	96.4	62.2	51.9	36.0	418	Colorado
418.5	31.2	21.4	31.1	51.2	68.2	94.1	106.3	598	Connecticut
72.2	6.0	4.4	8.7	16.0	16.0	10.9	6.7	495	Delaware
152.1	14.7	11.0	25.5	29.5	21.7	20.3	26.6	479	District of Columbia
1,669.6	103.2	130.9	271.1	368.9	308.6	253.3	168.5	481	Florida
808.4	97.8	99.6	134.3	155.9	128.1	98.0	53.2	433	Georgia
162.8	9.1	7.5	12.6	15.6	17.5	26.2	52.3	650	Hawaii
102.4	14.0	24.5	26.3	16.3	6.5	4.0	2.2	330	Idaho
1,470.4	128.7	159.0	281.6	306.8	229.8	185.8	134.3	445	Illinois
589.9	61.5	104.8	156.4	128.6	65.9	29.3	14.1	374	Indiana
285.7	40.5	66.1	76.7	50.7	22.1	10.8	4.6	336	Iowa
289.8	32.3	54.8	69.0	57.7	30.4	19.3	10.3	372	Kansas
392.3	69.2	87.8	100.6	56.9	24.1	11.9	5.4	319	Kentucky
501.3	70.7	93.1	123.5	88.5	43.6	24.3	14.4	352	Louisiana
133.3	15.5	14.2	26.6	26.6	19.2	14.1	7.5	419	Maine
598.3	41.2	36.0	65.4	94.0	106.0	128.8	108.2	548	Maryland
910.0	98.4	58.2	74.9	106.8	130.2	184.5	231.1	580	Massachusetts
966.2	82.1	123.4	209.0	223.3	149.7	92.0	54.6	423	Michigan
445.9	54.6	54.7	85.1	94.3	66.0	50.2	28.4	422	Minnesota
247.5	49.8	54.0	54.0	32.7	15.7	7.9	3.4	309	Mississippi
585.0	74.0	108.7	138.7	115.2	62.5	37.6	18.1	368	Missouri
93.9	16.1	24.4	24.8	12.9	5.5	2.1	0.9	311	Montana
186.6	24.6	39.8	48.6	34.8	16.2	7.7	4.6	348	Nebraska
209.2	8.4	11.5	29.0	48.5	44.4	38.9	22.9	509	Nevada
127.8	7.7	7.1	12.3	21.6	24.9	27.3	21.5	549	New Hampshire
973.7	60.8	45.3	81.1	133.1	166.0	228.3	232.7	592	New Jersey
173.1	18.3	28.6	44.9	31.0	16.4	11.9	7.4	372	New Mexico
3,150.6	242.8	281.8	490.1	605.9	463.7	454.7	532.9	486	New York
777.9	83.5	121.5	187.4	162.2	90.6	49.8	22.3	382	North Carolina
78.5	13.8	18.7	19.8	11.4	4.0	1.8	0.7	313	North Dakota
1,293.4	149.2	206.4	341.2	280.5	146.7	79.0	40.8	379	Ohio
370.7	44.2	85.0	98.7	60.5	30.1	17.8	9.0	340	Oklahoma
394.9	30.2	52.5	99.2	96.1	52.1	33.7	18.1	408	Oregon
1,287.7	141.0	189.7	272.2	245.0	169.6	125.3	85.4	404	Pennsylvania
152.0	17.9	12.1	18.0	29.1	29.2	25.3	15.7	489	Rhode Island
368.9	45.3	59.5	83.9	77.1	38.5	21.2	10.4	376	South Carolina
81.2	16.2	19.4	18.7	11.6	4.5	2.3	0.9	306	South Dakota
568.9	86.8	101.6	134.5	110.3	55.1	27.6	13.9	357	Tennessee
2,332.9	179.0	345.2	614.2	480.6	263.7	193.8	139.7	395	Texas
169.8	12.4	31.3	53.8	33.9	15.7	9.6	6.3	369	Utah
61.8	5.1	5.8	11.3	14.2	9.9	7.5	4.5	446	Vermont
746.2	59.6	65.7	109.8	124.0	103.8	114.3	128.9	495	Virginia
687.0	49.0	73.5	135.2	152.7	109.0	85.1	56.2	445	Washington
168.3	30.7	41.7	40.8	21.4	8.1	3.8	1.4	303	West Virginia
582.4	51.6	83.9	147.8	142.2	76.6	43.7	18.8	399	Wisconsin
51.5	6.7	12.5	13.2	8.1	3.5	2.1	0.9	333	Wyoming

Source: U.S. Bureau of the Census, *1990 Census of Housing, General Housing Characteristics*, series CH-1, and *Detailed Housing Characteristics*, series CH-2; and *Census of Population and Housing, 1990: Summary Tape File 1C and 3C on CD-ROM.*

No. 1218. Housing Units—

[In thousands of units, except as indicated. As of April.

STATE	Total housing units (1,000)	YEAR STRUCTURE BUILT				LACKING COMPLETE PLUMBING		PERCENT OF UNITS WITH—	
		Percent			Median year built	Total units (1,000)	Percent of total housing units	Public water system or private company	Public sewer
		1939 or earlier	1970 to 1979	1980 to March 1990					
United States	**102,263.7**	**18.4**	**21.8**	**20.7**	**1965**	**1,101.7**	**1.1**	**84.2**	**74.8**
Alabama	1,670.4	9.3	25.5	23.5	1970	27.5	1.6	87.1	54.5
Alaska	232.6	3.0	32.7	38.0	1976	29.0	12.5	65.6	62.3
Arizona	1,659.4	3.2	30.7	37.8	1976	31.5	1.9	94.5	81.3
Arkansas	1,000.7	9.4	27.8	24.2	1971	18.4	1.8	81.5	60.1
California	11,182.9	10.7	21.7	22.9	1967	69.4	0.6	95.4	89.6
Colorado	1,477.3	13.0	28.9	24.7	1971	11.8	0.8	91.0	86.9
Connecticut	1,320.9	25.5	15.7	15.7	1959	5.7	0.4	77.7	70.8
Delaware	289.9	14.3	20.2	24.3	1967	1.7	0.6	76.2	73.4
District of Columbia	278.5	37.7	8.4	5.5	1947	2.3	0.8	99.9	99.3
Florida	6,100.3	3.7	29.3	35.0	1975	28.0	0.5	86.9	73.8
Georgia	2,638.4	8.1	24.5	32.1	1973	28.5	1.1	81.3	62.1
Hawaii	389.8	6.7	30.5	20.8	1970	4.3	1.1	97.6	80.2
Idaho	413.3	15.9	32.4	18.0	1970	6.0	1.5	70.0	64.0
Illinois	4,506.3	27.1	18.4	11.7	1958	29.3	0.7	89.8	86.2
Indiana	2,246.0	24.2	20.2	14.5	1961	16.2	0.7	74.1	67.9
Iowa	1,143.7	35.0	20.2	10.0	1956	9.8	0.9	81.1	76.0
Kansas	1,044.1	24.5	20.3	16.9	1961	7.9	0.8	89.5	81.2
Kentucky	1,506.8	15.9	25.0	20.0	1967	44.2	2.9	80.6	56.4
Louisiana	1,716.2	10.6	25.3	22.1	1969	21.9	1.3	89.0	72.6
Maine	587.0	34.9	19.8	20.7	1960	20.8	3.5	53.2	45.4
Maryland	1,891.9	15.5	19.6	21.6	1965	12.7	0.7	82.8	81.1
Massachusetts	2,472.7	38.9	14.1	13.8	1953	12.4	0.5	91.6	72.9
Michigan	3,847.9	20.8	20.4	13.6	1960	32.5	0.8	70.5	70.8
Minnesota	1,848.4	24.5	22.1	18.5	1963	24.4	1.3	73.0	73.4
Mississippi	1,010.4	8.6	27.5	24.1	1971	21.9	2.2	87.3	57.9
Missouri	2,199.1	20.4	21.5	18.3	1964	26.8	1.2	83.6	73.6
Montana	361.2	21.8	26.6	17.5	1966	7.0	1.9	65.5	60.5
Nebraska	660.6	30.7	22.1	12.9	1960	5.2	0.8	83.0	80.9
Nevada	518.9	2.9	30.5	40.1	1977	2.7	0.5	92.5	87.9
New Hampshire	503.9	27.1	20.5	27.7	1968	5.9	1.2	60.3	49.6
New Jersey	3,075.3	24.6	14.9	14.8	1959	15.6	0.5	89.6	87.9
New Mexico	632.1	8.1	26.5	27.5	1972	20.0	3.2	83.1	71.7
New York	7,226.9	35.7	11.9	9.4	1952	67.3	0.9	87.6	79.1
North Carolina	2,818.2	9.9	24.3	28.6	1971	43.0	1.5	65.4	49.8
North Dakota	276.3	24.7	26.6	16.6	1965	5.6	2.0	79.0	73.9
Ohio	4,371.9	25.8	18.6	12.2	1959	32.9	0.8	82.4	77.6
Oklahoma	1,406.5	12.4	25.4	22.1	1969	13.8	1.0	87.0	73.1
Oregon	1,193.6	16.8	28.7	16.6	1967	10.4	0.9	80.7	70.0
Pennsylvania	4,938.1	35.1	15.8	12.4	1954	47.1	1.0	78.1	74.3
Rhode Island	414.6	34.0	14.7	15.1	1955	2.3	0.5	88.8	70.9
South Carolina	1,424.2	8.5	26.3	29.0	1972	20.2	1.4	77.2	58.0
South Dakota	292.4	30.4	24.6	14.8	1961	5.9	2.0	81.4	71.1
Tennessee	2,026.1	10.2	24.8	24.2	1970	32.4	1.6	85.7	59.9
Texas	7,009.0	7.1	25.9	29.7	1972	85.1	1.2	91.6	81.2
Utah	598.4	13.5	28.1	24.4	1971	5.9	1.0	95.8	88.4
Vermont	271.2	36.5	19.6	22.4	1963	6.1	2.3	50.9	42.5
Virginia	2,496.3	11.0	23.6	26.3	1970	46.1	1.8	76.1	69.7
Washington	2,032.4	15.7	24.6	23.1	1969	18.6	0.9	85.7	68.3
West Virginia	781.3	23.7	22.8	17.7	1962	25.1	3.2	72.1	54.8
Wisconsin	2,055.8	28.5	21.1	14.5	1960	29.8	1.4	66.5	70.0
Wyoming	203.4	15.6	31.1	21.4	1971	3.2	1.6	77.6	74.2

Selected Characteristics: 1990

Based on the Census of Population and Housing; see Appendix III]

Occupied housing units (1,000)	Percent owner occupied	Percent condominium	PERCENT WITH— Vehicles available: None	Vehicles available: 2 or more	No telephone in unit	House heating fuel: Utility gas	House heating fuel: Bottled, tank, or LP gas	House heating fuel: Electricity	House heating fuel: Fuel oil, kerosene	House heating fuel: Wood	STATE
91,947.4	64.2	4.4	11.5	54.7	5.2	51.0	5.7	25.8	12.2	3.9	**United States**
1,506.8	70.5	1.1	10.3	58.7	8.7	42.8	15.6	34.6	1.2	5.3	Alabama
188.9	56.1	5.3	11.9	54.0	8.3	42.8	1.9	11.8	32.3	7.7	Alaska
1,368.6	64.2	6.0	7.8	53.3	8.5	39.5	4.4	51.4	0.2	3.6	Arizona
891.2	69.6	0.7	9.8	56.2	10.9	52.8	11.6	22.7	0.2	12.5	Arkansas
10,381.2	55.6	7.4	8.9	57.9	3.0	73.2	3.1	19.2	0.3	3.1	California
1,282.5	62.3	7.3	6.9	60.9	4.2	77.0	4.8	12.9	0.3	3.3	Colorado
1,230.5	65.6	8.7	10.0	58.6	2.6	26.3	1.9	15.1	54.4	1.6	Connecticut
247.5	70.3	2.6	8.2	59.3	3.1	30.5	6.8	21.8	38.5	1.7	Delaware
249.6	38.9	10.4	37.4	21.2	4.2	63.5	2.0	20.5	12.5	0.0	District of Columbia
5,134.9	67.2	12.9	9.2	49.8	5.3	7.5	7.2	78.8	4.1	0.8	Florida
2,366.6	64.9	2.6	10.3	58.8	8.3	53.3	13.8	27.2	1.5	3.8	Georgia
356.3	53.9	18.4	9.9	54.1	2.6	3.3	2.0	37.9	0.2	0.5	Hawaii
360.7	70.1	1.2	4.6	67.3	5.8	28.2	3.1	39.8	9.0	18.0	Idaho
4,202.2	64.2	5.4	14.0	50.9	4.6	80.3	4.3	11.2	1.8	1.0	Illinois
2,065.4	70.2	1.4	8.5	59.1	5.9	63.1	6.4	19.3	6.2	4.2	Indiana
1,064.3	70.0	1.1	7.1	61.7	3.4	65.6	14.8	10.5	5.5	2.9	Iowa
944.7	67.9	1.7	6.4	61.7	4.4	75.9	8.8	11.8	0.3	2.9	Kansas
1,379.8	69.6	1.3	11.5	56.0	10.2	45.6	7.7	30.0	4.8	8.2	Kentucky
1,499.3	65.9	1.6	13.9	49.9	8.3	55.1	5.8	36.2	0.3	2.3	Louisiana
465.3	70.5	1.6	8.7	57.1	3.7	1.8	1.9	11.7	69.5	14.1	Maine
1,749.0	65.0	5.5	12.3	56.0	3.2	43.2	2.3	29.6	22.1	1.9	Maryland
2,247.1	59.3	6.1	14.3	49.3	2.1	38.0	2.1	13.5	44.0	1.5	Massachusetts
3,419.3	71.0	2.7	10.1	56.8	4.1	76.9	6.1	5.4	6.9	3.9	Michigan
1,647.9	71.8	3.1	8.6	60.0	2.4	62.9	8.2	10.5	11.9	4.9	Minnesota
911.4	71.5	0.6	12.1	54.2	12.6	40.8	20.1	30.6	0.5	7.8	Mississippi
1,961.2	68.8	2.0	9.8	57.0	5.2	60.4	12.0	18.1	1.5	7.6	Missouri
306.2	67.3	1.2	6.7	63.5	6.9	54.2	7.5	17.9	4.1	14.7	Montana
602.4	66.5	1.2	7.2	62.5	3.6	70.2	10.9	13.6	2.5	2.1	Nebraska
466.3	54.8	6.7	7.8	54.8	5.4	47.7	6.0	39.3	3.7	2.6	Nevada
411.2	68.2	5.8	6.3	61.7	3.4	15.2	6.1	12.4	55.8	9.0	New Hampshire
2,794.7	64.9	6.7	12.9	52.5	3.1	57.5	1.9	10.0	29.2	0.5	New Jersey
542.7	67.4	1.5	6.9	59.0	12.4	70.1	11.9	9.1	0.3	7.6	New Mexico
6,639.3	52.2	4.6	30.0	37.5	5.0	45.7	2.4	8.5	39.6	2.0	New York
2,517.0	68.0	2.5	9.6	59.2	7.1	18.6	8.5	42.0	22.5	7.8	North Carolina
240.9	65.6	2.3	6.5	63.2	3.5	39.7	14.0	26.2	15.7	1.2	North Dakota
4,087.5	67.5	2.5	10.2	56.8	4.7	68.2	3.8	16.8	7.5	2.5	Ohio
1,206.1	68.1	1.5	7.5	58.1	8.8	64.4	10.0	20.5	0.1	4.7	Oklahoma
1,103.3	63.1	1.7	8.0	59.9	4.5	24.7	1.5	44.6	11.4	16.9	Oregon
4496.0	70.7	2.0	15.2	49.5	2.6	49.5	1.7	14.8	27.9	2.6	Pennsylvania
378.0	59.5	2.8	10.6	54.5	3.1	40.7	2.4	7.9	47.0	1.4	Rhode Island
1,258.0	69.9	2.3	10.9	57.2	9.1	24.6	9.2	46.9	13.2	5.7	South Carolina
259.0	66.1	0.8	6.5	64.1	6.0	43.0	19.9	17.8	13.6	4.2	South Dakota
1,853.7	68.0	2.0	9.8	58.2	7.1	30.0	5.5	50.5	3.8	9.0	Tennessee
6,070.9	60.9	2.7	8.1	55.9	8.6	50.4	7.8	40.2	0.1	1.2	Texas
537.3	68.1	4.6	5.4	66.1	4.0	81.9	2.3	9.5	1.3	3.2	Utah
210.7	69.0	3.1	8.0	58.0	4.5	8.0	10.5	9.1	54.3	17.0	Vermont
2,291.8	66.3	4.8	9.0	59.8	5.4	28.9	2.6	40.1	20.2	6.7	Virginia
1,872.4	62.6	3.0	7.5	61.4	3.5	22.4	1.1	55.1	9.9	10.6	Washington
688.6	74.1	0.6	13.7	50.4	10.3	50.7	2.8	25.3	7.8	9.0	West Virginia
1,822.1	66.7	1.6	9.3	57.8	2.8	61.0	8.4	9.3	14.6	5.9	Wisconsin
168.8	67.8	1.2	4.7	66.9	5.6	62.9	9.0	16.5	0.7	7.9	Wyoming

Source: U.S. Bureau of the Census, *1990 Census of Housing, Detailed Housing Characteristics*, series CH-2, forthcoming, and *Census of Population and Housing, 1990: Summary Tape File 3C on CD-ROM.*

No. 1219. Occupied Housing Units—Housing Value and Gross Rent, by Region: 1991

[Specified owner-occupied units are limited to one-unit structures on less than 10 acres and no business on property. Specified renter-occupied units exclude one-unit on 10 acres or more. Based on the American Housing Survey; see Appendix III. For composition of regions, see table 26]

CATEGORY	NUMBER (1,000)					PERCENT DISTRIBUTION				
	Total units	North-east	Midwest	South	West	Total units	North-east	Mid-west	South	West
VALUE										
Specified owner occupied units	**59,796**	**11,869**	**15,238**	**21,272**	**11,417**	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**
Less than $10,000	2,227	221	586	1,164	257	3.7	1.9	3.8	5.5	2.3
$10,000 to $19,999	2,691	318	723	1,329	321	4.5	2.7	4.7	6.2	2.8
$20,000 to $29,999	2,898	367	919	1,350	262	4.8	3.1	6.0	6.3	2.3
$30,000 to $39,999	3,588	373	1,284	1,579	352	6.0	3.1	8.4	7.4	3.1
$40,000 to $49,999	4,574	470	1,691	1,964	449	7.6	4.0	11.1	9.2	3.9
$50,000 to $59,999	4,457	482	1,522	1,974	478	7.5	4.1	10.0	9.3	4.2
$60,000 to $69,999	4,963	607	1,569	2,180	607	8.3	5.1	10.3	10.2	5.3
$70,000 to $79,999	4,495	652	1,353	1,897	592	7.5	5.5	8.9	8.9	5.2
$80,000 to $99,999	7,471	1,469	2,124	2,666	1,212	12.5	12.4	13.9	12.5	10.6
$100,000 to $119,999	4,376	1,176	1,068	1,311	821	7.3	9.9	7.0	6.2	7.2
$120,000 to $149,999	4,906	1,467	989	1,317	1,133	8.2	12.4	6.5	6.2	9.9
$150,000 to $199,999	5,574	2,039	737	1,254	1,545	9.3	17.2	4.8	5.9	13.5
$200,000 to $249,999	2,863	933	310	520	1,100	4.8	7.9	2.0	2.4	9.6
$250,000 to $299,999	1,640	526	140	279	695	2.7	4.4	0.9	1.3	6.1
$300,000 or more	3,074	768	224	489	1,592	5.1	6.5	1.5	2.3	13.9
Median value (dol.)	80,015	116,577	65,699	65,859	129,439	(X)	(X)	(X)	(X)	(X)
GROSS RENT										
Specified renter occupied units	**33,351**	**7,093**	**7,355**	**10,918**	**7,985**	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**
Less than $100	615	79	182	300	53	1.8	1.1	2.5	2.7	0.7
$100 to $199	2,252	541	626	807	278	6.8	7.6	8.5	7.4	3.5
$200 to $249	1,420	248	411	523	238	4.3	3.5	5.6	4.8	3.0
$250 to $299	2,003	304	633	775	291	6.0	4.3	8.6	7.1	3.6
$300 to $349	2,591	389	803	915	485	7.8	5.5	10.9	8.4	6.1
$350 to $399	2,843	511	738	1,090	504	8.5	7.2	10.0	10.0	6.3
$400 to $449	3,019	568	826	1,061	563	9.1	8.0	11.2	9.7	7.1
$450 to $499	2,861	597	670	956	639	8.6	8.4	9.1	8.8	8.0
$500 to $599	4,641	1,063	929	1,412	1,238	13.9	15.0	12.6	12.9	15.5
$600 to $699	3,252	802	551	900	999	9.8	11.3	7.5	8.2	12.5
$700 to $799	2,078	563	265	479	771	6.2	7.9	3.6	4.4	9.7
$800 to $999	1,945	585	123	438	799	5.8	8.2	1.7	4.0	10.0
$1,000 to $1,249	765	220	61	112	373	2.3	3.1	0.8	1.0	4.7
$1,250 to $1,499	296	76	16	38	166	0.9	1.1	0.2	0.3	2.1
$1,500 or more	244	79	19	33	113	0.7	1.1	0.3	0.3	1.4
No cash rent	2,526	468	502	1,082	474	7.6	6.6	6.8	9.9	5.9
Median gross rent (dol.)	462	507	402	424	557	(X)	(X)	(X)	(X)	(X)

X Not applicable.

Source: U.S. Bureau of the Census, *Current Housing Reports*, series H-150/91, American Housing Survey.

No. 1220. Homeownership Rates, by Age of Householder: 1983 to 1993

[**In percent.** Represents the proportion of households that are owners or the number of owner occupied households divided by the total number of households]

AGE	1983	1984	1985	1986	1987	1988	1989	1990	1991	1992	1993
United States	**64.6**	**64.5**	**63.9**	**63.8**	**64.0**	**63.8**	**63.9**	**63.9**	**64.1**	**64.1**	**64.5**
Less than 25 yrs. old	18.8	17.9	17.2	17.2	16.0	15.8	16.6	15.7	15.3	14.9	15.0
25 to 29 yrs. old	38.3	38.6	37.7	36.7	36.4	35.9	35.3	35.2	33.8	33.6	34.0
30 to 34 yrs. old	55.4	54.8	54.0	53.6	53.5	53.2	53.2	51.8	51.2	50.5	51.0
35 to 39 yrs. old	66.5	66.1	65.4	64.8	64.1	63.6	63.4	63.0	62.2	61.4	62.1
40 to 44 yrs. old	72.8	72.3	71.4	70.5	70.8	70.7	70.2	69.8	69.5	69.1	69.0
45 to 49 yrs. old	75.3	74.6	74.3	74.1	74.6	74.4	74.1	73.9	73.7	74.2	73.9
50 to 54 yrs. old	78.8	78.4	77.5	78.1	77.8	77.1	77.2	76.8	76.1	76.2	77.1
55 to 59 yrs. old	80.1	80.1	79.2	80.0	80.0	79.3	79.1	78.8	79.5	79.3	78.8
60 to 64 yrs. old	79.8	79.9	79.9	79.8	80.4	79.8	80.1	79.8	80.5	81.2	80.9
65 to 69 yrs. old	78.7	79.3	79.5	79.4	79.5	80.0	80.0	80.0	81.4	80.8	80.6
70 to 74 yrs. old	75.4	75.5	76.8	77.2	77.7	77.7	77.8	78.4	78.8	79.0	79.9
75 yrs. old and over	71.9	71.5	69.8	70.0	70.8	70.8	71.2	72.3	73.1	73.3	73.3

Source: Bureau of the Census, *Current Housing Reports*, series H111/93.

No. 1221. Housing Units—Summary of Characteristics and Equipment, by Tenure and Region: 1991

[In thousands of units, except as indicated. Based on the American Housing Survey; see Appendix III. For composition of regions, see table 26]

ITEM	Total housing units	Seasonal	YEAR-ROUND UNITS							
			Occupied							Vacant
			Total	Owner	Renter	Northeast	Midwest	South	West	
Total units	**104,592**	**2,728**	**93,147**	**59,796**	**33,351**	**18,962**	**22,593**	**32,190**	**19,402**	**8,717**
Percent distribution	100.0	2.6	89.1	57.2	31.9	18.1	21.6	30.8	18.6	8.3
Units in structure:										
Single family detached	62,646	1,637	57,485	49,084	8,401	9,761	15,092	20,954	11,678	3,524
Single family attached	6,158	74	5,442	2,722	2,720	1,544	923	1,814	1,161	640
2 to 4 units	10,890	90	9,490	1,909	7,581	3,211	2,409	2,119	1,751	1,309
5 to 9 units	5,368	56	4,639	398	4,240	975	969	1,520	1,175	674
10 to 19 units	4,764	69	3,993	317	3,676	714	765	1,479	1,036	701
20 to 49 units	3,713	58	3,118	328	2,790	882	615	741	880	536
50 or more units	4,073	98	3,350	505	2,845	1,373	726	682	569	625
Mobile home or trailer	6,983	645	5,630	4,532	1,098	502	1,095	2,882	1,151	708
Stories in structure: [1]										
One story	3,015	25	2,606	290	2,316	145	418	1,216	827	384
2 stories	10,398	118	8,920	929	7,992	947	1,347	3,434	3,193	1,360
3 stories	8,110	116	6,938	1,254	5,684	2,475	2,414	1,205	844	1,056
4 to 6 stories	4,724	58	4,024	628	3,396	2,265	954	386	419	642
7 or more stories	2,585	56	2,123	373	1,750	1,329	351	305	139	406
Foundation: [2]										
Full or partial basement	30,995	309	29,401	25,785	3,616	9,713	12,239	4,720	2,729	1,286
Crawlspace	18,152	603	16,067	12,520	3,547	621	2,165	8,520	4,761	1,481
Concrete slab	17,710	390	16,134	12,581	3,554	853	1,373	8,804	5,105	1,185
Other	1,945	410	1,324	921	403	119	236	723	245	211
Year structure built: [3]										
1939 and earlier	22,759	494	20,065	11,484	8,581	7,388	6,528	3,754	2,395	2,199
1940 to 1949	8,607	226	7,668	4,742	2,926	1,700	1,818	2,550	1,599	713
1950 to 1959	13,836	420	12,512	8,982	3,530	2,621	3,236	3,964	2,691	904
1960 to 1969	16,161	468	14,523	9,570	4,953	2,445	3,389	5,353	3,337	1,170
1970 to 1979	23,598	689	21,005	13,377	7,629	2,717	4,662	8,524	5,101	1,902
1980 or later	19,632	429	17,374	11,643	5,730	2,090	2,959	8,045	4,279	1,828
Median year	1964	1965	1964	1965	1963	1952	1959	1971	1969	1965
Main heating equipment:										
Warm-air furnace	54,015	774	49,423	34,860	14,563	6,418	16,446	16,256	10,303	3,818
Electric heat pump	8,755	237	7,638	5,497	2,141	405	587	5,579	1,068	880
Steam or hot water system	15,145	86	13,929	7,520	6,409	9,651	2,737	831	710	1,130
Floor, wall, or pipeless furnace	4,819	75	4,291	1,948	2,343	138	339	1,373	2,441	453
Built-in electric units	7,934	283	6,755	2,992	3,763	1,366	1,257	2,050	2,082	897
Room heaters with flue	3,182	238	2,549	1,349	1,200	256	389	1,325	578	396
Room heaters without flue	2,484	48	2,111	1,197	915	38	63	1,837	174	325
Stoves	3,552	390	2,887	2,219	668	453	459	1,238	738	275
Fireplaces	1,280	123	1,098	899	199	54	136	483	426	58
None	1,500	352	861	378	484	50	39	278	494	287
Portable elec. heaters	860	68	695	362	333	11	22	442	220	97
Other	1,067	56	910	577	333	122	120	498	170	101
Air conditioning:										
Central	43,274	664	39,330	28,217	11,113	3,159	9,639	20,465	6,067	3,280
Percent of total units	41.4	24.3	42.2	47.2	33.3	16.7	42.7	63.6	31.3	37.6
One or more room units	28,569	347	26,786	16,438	10,347	8,204	7,134	8,545	2,901	1,436
Source of water:										
Public system or private company	88,666	1,412	79,814	48,785	31,029	16,077	18,820	27,264	17,652	7,440
Percent of total units	84.8	51.8	85.7	81.6	93.0	84.8	83.3	84.7	91.0	85.4
Well serving 1 to 5 units	13,739	828	11,809	10,042	1,767	2,642	3,598	4,396	1,173	1,102
Other	2,187	488	1,525	969	556	242	176	530	577	174
Means of sewage disposal:										
Public sewer	78,943	1,003	71,302	41,427	29,876	14,632	17,775	22,446	16,450	6,638
Percent of total units	75.5	36.8	76.6	69.3	89.6	77.2	78.7	69.7	84.8	76.2
Septic tank, cesspool, chemical toilet	25,058	1,407	21,672	18,284	3,388	4,308	4,801	9,622	2,940	1,979
Other	591	318	173	86	87	21	17	123	12	100

[1] Limited to multiunit structures. [2] Limited to single-family units. [3] For mobile home, oldest category is 1939 or earlier.

Source: U.S. Bureau of the Census, *Current Housing Reports*, series H-150/91, American Housing Survey.

No. 1222. Heating Equipment and Fuels for Occupied Units: 1950 to 1991

[Based on the Census of Population and Housing and American Housing Survey; see Appendix III]

ITEM	NUMBER (1,000)					PERCENT DISTRIBUTION				
	1950	1960	1970	1980	1991	1950	1960	1970	1980	1991
Occupied units, total	**42,826**	**53,024**	**63,445**	**80,390**	**93,147**	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**
Heating equipment:										
Warm air furnace	[1]11,508	17,378	27,515	39,279	49,423	[1]26.9	32.8	43.4	48.9	53.1
Heat pumps	(NA)	(NA)	(NA)	2,835	7,638	(NA)	(NA)	(NA)	3.5	8.2
Steam or hot water	10,071	11,990	13,211	13,859	13,929	23.5	22.6	20.8	17.2	15.0
Floor, wall, or pipeless furnace	([1])	6,088	5,552	4,693	6,755	([1])	11.5	8.8	5.8	7.3
Built-in electric units	-	664	3,236	6,370	4,291	-	1.3	5.1	7.9	4.6
Room heaters with flue	[2]15,399	[2]11,183	7,209	6,098	2,549	[2]36.0	[2]21.1	11.4	7.6	2.7
Room heaters without flue	5,268	5,218	3,558	2,736	2,111	12.3	9.8	5.6	3.4	2.3
Fireplaces, stoves, portable heaters or other	([2])	([2])	2,766	3,977	5,590	([2])	([2])	4.4	4.9	6.0
None	581	503	398	541	861	1.4	0.9	0.6	0.7	0.9
House heating fuel:										
Utility gas	11,387	22,851	35,014	42,658	47,018	26.6	43.1	55.2	53.1	50.5
Fuel oil, kerosene, etc.	9,686	17,158	16,473	14,655	12,462	22.6	32.4	26.0	18.2	13.4
Electricity	283	933	4,876	14,768	23,714	0.7	1.8	7.7	18.3	25.5
Bottled, tank, or LP gas	787	2,686	3,807	4,535	3,882	1.8	5.1	6.0	5.6	4.2
Wood and other fuel	4,855	2,460	1,060	2,729	4,890	11.3	4.6	1.7	3.4	5.2
Coal or coke	14,828	6,456	1,821	504	319	34.6	12.2	2.9	0.6	0.3
None	999	478	395	541	862	2.3	0.9	0.6	0.7	0.9
Cooking fuel:										
Electricity	6,403	16,351	25,768	41,906	54,232	15.0	30.8	40.6	52.1	58.2
Gas [3]	25,501	33,787	36,558	37,944	38,119	59.6	63.7	57.6	47.2	40.9
Other fuel	10,796	2,603	908	398	424	25.2	4.9	1.4	0.5	0.5
None	124	280	213	142	372	0.3	0.5	0.3	0.2	0.4

- Represents zero. NA Not available. [1] "Floor, wall, or pipeless furnace" included in "Warm air furnace." [2] "Fireplaces, stoves, or portable heaters" included in "Room heaters with flue." [3] Includes utility, bottled, tank, and LP gas.

Source: U.S. Bureau of the Census, *Census of Housing, 1960*, vol. 1; *1970 and 1980*, vol. 1; and *1990 Census of Housing, Detailed Housing Characteristics*, series CH-2, and *Current Housing Reports*, series H-150/91.

No. 1223. Appliances Used by Households, by Region and Family Income: 1990

[**In millions, except percent.** As of **November.** Represents appliances possessed and generally used by the household. Based on Residential Energy Consumption Survey; see Appendix III. For composition of regions, see table 26]

TYPE OF APPLIANCE	HOUSEHOLDS USING APPLIANCE		REGION				FAMILY INCOME IN 1990			
	Number	Percent of total	North-east	Midwest	South	West	Under $15,000	$15,000 -$24,999	$25,000 -$34,999	$35,000 and over
Total households	**94.0**	**100.0**	**19.2**	**23.1**	**32.3**	**19.4**	**27.3**	**17.4**	**15.3**	**34.0**
Air conditioners: Room	29.1	31.0	8.1	8.0	10.3	2.8	9.7	5.5	4.9	9.0
Central system [1]	36.6	38.9	3.2	9.2	19.0	5.2	6.0	6.0	6.0	18.7
Clothes washer	71.7	76.3	14.4	17.7	25.6	14.0	16.3	12.3	12.3	30.7
Clothes dryer	64.7	68.8	12.4	16.9	22.7	12.8	12.7	10.6	11.4	29.9
Dehumidifier	11.3	12.0	3.5	5.3	2.0	0.5	1.5	1.7	1.7	6.4
Dishwasher	42.7	45.4	8.0	9.3	15.3	10.0	5.2	5.9	7.5	23.9
Evaporative cooler [2]	3.8	4.0	(B)	(B)	(B)	2.9	1.3	0.8	0.9	0.8
Freezer	32.4	34.5	5.0	9.1	12.3	5.9	7.9	5.7	5.4	13.4
Microwave oven [3]	74.1	78.8	13.6	19.4	25.7	15.3	16.9	13.4	12.8	31.0
Motor vehicles: [4] One	33.1	35.3	35.3	35.3	35.6	34.7	13.4	8.3	5.0	6.4
Two or more	50.8	54.0	46.7	55.8	55.2	57.2	6.2	7.7	9.8	27.1
Outdoor gas grill	24.9	26.4	6.8	7.1	7.0	4.0	2.4	3.2	4.1	15.1
Outdoor gas light	1.0	1.1	0.3	0.3	0.3	(B)	0.2	0.2	0.1	0.5
Oven: Electric	55.3	58.9	9.3	12.7	22.1	11.2	13.7	9.7	9.8	22.2
Gas	39.6	40.8	9.8	10.5	10.1	8.0	13.3	7.7	5.5	11.9
Personal computer	14.8	15.7	15.6	14.0	15.0	19.1	5.1	7.5	13.1	29.7
Portable electric heater	13.5	14.4	2.2	2.8	5.4	3.1	3.9	2.8	2.0	4.8
Portable kerosene heater	4.6	4.9	0.9	1.3	2.2	0.2	1.3	0.9	1.1	1.3
Range: Electric	54.3	57.8	9.1	12.6	21.8	10.8	16.4	9.7	9.8	21.3
Gas	39.6	42.1	10.0	10.6	10.5	8.6	13.6	7.8	5.5	12.6
Refrigerator: Frost-free	75.0	79.8	15.0	18.2	27.0	14.8	18.3	13.2	12.5	31.0
Nonfrost-free [5]	24.8	26.4	5.5	7.1	6.6	5.6	9.8	5.3	3.7	5.9
Television set: Color	90.3	96.1	18.6	22.3	30.8	18.6	25.0	16.9	14.8	33.5
Black and white	28.7	30.6	5.9	8.2	10.4	4.2	8.4	5.3	4.6	10.3
Water heater: [6] Gas	44.6	47.4	7.2	13.3	12.6	11.4	11.5	7.7	6.9	18.5
Electric	33.5	35.6	4.2	6.9	17.2	5.3	9.9	6.9	5.8	10.9
Other fuel	2.0	2.1	1.9	(B)	0.1	(B)	0.4	0.2	0.3	1.1
Whole house cooling fan	9.4	10.1	2.1	2.1	4.0	1.2	1.5	1.4	1.5	5.1
Window or ceiling fan	47.9	51.0	9.0	12.0	20.3	6.6	11.0	8.7	8.1	20.2

B Base figure too small to meet statistical standards for reliability. [1] Includes the .9 million households with both central air conditioning and window or wall air conditioning units. [2] An air-cooling unit used in dry climates that turns air into moist, cool air by saturating the air with water vapor. [3] Microwave is first or second most used oven. [4] All motorized vehicles used by U.S. households for personal transportation excluding motorcycles, mopeds, large trucks, and buses. [5] Includes refrigerators without freezer compartments. [6] Excludes water heaters that serve more than one household.

Source: U.S. Energy Information Administration, *Housing Characteristics: 1990.*

No. 1224. Expenditures by Residential Property Owners for Improvements and Maintenance and Repairs, by Type of Property and Activity: 1970 to 1993

[In millions of dollars]

YEAR AND TYPE OF EXPENDITURE	Total	1-unit properties with owner occupant	Other properties	ADDITIONS AND ALTERATIONS				Major replacements	Maintenance and repairs
				Total	To structures		To property outside of structures		
					Additions	Alterations			
1970	14,770	9,469	5,301	6,246	1,411	3,539	1,296	2,629	5,895
1975	25,239	15,684	9,556	10,997	1,971	6,844	2,182	4,484	9,758
1980	46,338	31,481	14,857	21,336	4,183	11,193	5,960	9,816	15,187
1981	46,351	30,201	16,150	20,414	3,164	11,947	5,303	9,915	16,022
1982	45,291	29,779	15,512	18,774	2,641	10,711	5,423	9,707	16,810
1983	49,295	32,524	16,771	20,271	4,739	11,673	3,859	10,895	18,128
1984	69,784	43,781	26,003	27,822	6,007	14,486	7,329	13,067	28,894
1985	80,267	47,742	32,525	28,775	3,966	17,599	7,211	16,134	35,358
1986	91,274	54,298	36,976	36,608	7,377	21,192	10,040	16,695	35,971
1987	94,082	54,791	39,291	39,978	9,557	21,641	8,779	15,875	38,229
1988	101,117	60,822	40,295	43,339	11,333	22,703	9,303	16,893	40,885
1989	100,891	59,858	41,033	39,786	6,828	23,129	9,828	18,415	42,689
1990	106,773	59,683	47,090	37,253	8,561	21,920	6,771	18,215	51,305
1991, total [1]	**97,528**	**58,083**	**39,445**	**30,944**	**7,914**	**16,076**	**6,954**	**16,744**	**49,840**
Heating and air conditioning [2]	7,336	4,353	2,983	985	(NA)	985	(NA)	3,688	2,618
Plumbing	9,714	4,896	4,818	1,366	(NA)	1,366	(NA)	3,383	4,966
Roofing	8,867	5,275	3,592	(NA)	(NA)	(NA)	(NA)	5,237	3,630
Painting	12,918	6,522	6,396	(NA)	(NA)	(NA)	(NA)	(NA)	12,918
1992, total [1]	**103,734**	**67,316**	**36,418**	**40,186**	**6,783**	**22,700**	**10,704**	**18,393**	**45,154**
Heating and air conditioning [2]	6,952	5,302	1,650	1,103	(NA)	1,103	(NA)	3,546	2,303
Plumbing	9,549	5,653	3,896	1,540	(NA)	1,540	(NA)	3,104	4,905
Roofing	10,714	5,327	5,387	(NA)	(NA)	(NA)	(NA)	6,257	4,457
Painting	11,147	5,867	5,280	(NA)	(NA)	(NA)	(NA)	(NA)	11,147
1993, total [1]	**108,305**	**70,746**	**37,559**	**45,797**	**12,757**	**24,781**	**8,259**	**20,809**	**41,699**
Heating and air conditioning [2]	7,918	5,814	2,103	1,259	(NA)	1,259	(NA)	4,040	2,618
Plumbing	8,700	4,488	4,212	1,597	(NA)	1,597	(NA)	2,990	4,114
Roofing	8,943	5,559	3,385	(NA)	(NA)	(NA)	(NA)	4,821	4,122
Painting	12,566	6,567	5,998	(NA)	(NA)	(NA)	(NA)	(NA)	12,566

NA Not available. [1] Includes types of expenditures not separately specified. [2] Central air-conditioning.

Source: U.S. Bureau of the Census, *Current Construction Reports,* series C50.

No. 1225. Vacancy Rates for Housing Units—Characteristics: 1989 to 1993

[**In percent.** Annual averages. Based on Current Population Survey and Quarterly Household Survey. Rate is relationship between vacant housing for rent or for sale and the total rental and homowner supply, which comprises occupied units, units rented or sold and awaiting occupancy, and vacant units available for rent or sale. For composition of regions, see table 26. See also *Historical Statistics, Colonial Times to 1970,* series N 249-258]

CHARACTERISTIC	RENTAL UNITS					HOMEOWNER UNITS				
	1989	1990	1991	1992	1993	1989	1990	1991	1992	1993
Total units	**7.4**	**7.2**	**7.4**	**7.4**	**7.4**	**1.8**	**1.7**	**1.7**	**1.5**	**1.4**
Inside MSA's	7.4	7.1	7.5	7.4	7.6	1.7	1.7	1.7	1.6	1.4
Outside MSA's	7.7	7.8	7.3	7.0	6.4	1.9	1.8	1.8	1.5	1.4
Northeast	4.7	6.1	6.9	6.9	7.1	1.5	1.6	1.5	1.3	1.3
Midwest	6.8	6.4	6.7	6.7	6.6	1.4	1.3	1.3	1.2	1.1
South	9.7	8.8	8.9	8.2	8.0	2.2	2.1	2.2	1.7	1.6
West	7.1	6.6	6.5	7.1	7.5	1.6	1.8	1.7	1.9	1.4
Units in structure:										
1 unit	4.2	4.0	3.9	3.8	3.8	1.4	1.4	1.4	1.3	1.1
2 units or more	9.2	9.0	9.4	9.4	9.4	7.1	7.1	6.8	5.8	5.2
5 units or more	10.1	9.6	10.4	10.0	10.3	9.6	8.4	7.9	7.4	6.7
Units with—										
3 rooms or less	10.3	10.3	10.8	11.4	10.8	10.8	10.2	10.5	8.6	6.8
4 rooms	8.2	8.0	8.1	7.9	8.2	3.1	3.2	3.0	2.6	2.5
5 rooms	5.6	5.7	5.9	5.3	5.6	2.0	2.0	1.9	1.9	1.6
6 rooms or more	3.4	3.0	3.1	3.1	3.2	1.2	1.1	1.2	1.1	1.0

Source: U.S. Bureau of the Census, *Current Housing Reports,* series H/111.

No. 1226. Recent Home Buyers—General Characteristics: 1976 to 1992

[As of **October.** Based on a sample survey; subject to sampling variability]

ITEM	Unit	1976	1980	1985	1987	1988	1989	1990	1991	1992
Median purchase price	Dollars	43,340	68,714	90,400	99,260	121,910	129,800	131,200	134,300	141,000
First-time buyers	Dollars	37,670	61,450	75,100	84,730	97,100	105,200	106,000	118,700	122,400
Repeat buyers [1]	Dollars	50,090	75,750	106,200	115,430	141,400	144,700	149,400	152,500	158,000
Average monthly mortgage payment	Dollars	329	599	896	939	1,008	1,054	1,127	1,144	1,064
Percent of income	Percent	24.0	32.4	30.0	29.3	32.8	31.8	33.8	34.0	33.2
Percent buying—										
New houses	Percent	15.1	22.4	23.8	23.8	26.2	21.8	21.2	19.7	20.5
Existing houses	Percent	84.9	77.6	76.2	76.2	73.8	78.2	78.8	80.3	79.5
Single-family houses	Percent	88.8	82.4	87.0	87.3	83.3	84.8	83.8	85.3	85.0
Condominiums [2]	Percent	11.2	17.6	10.6	12.5	12.4	13.5	13.1	11.5	13.1
For the first time	Percent	44.8	32.9	36.6	36.8	37.8	40.2	41.9	45.1	47.7
Average age:										
First-time buyers	Years	28.1	28.3	28.4	29.6	30.3	29.6	30.5	30.7	31.0
Repeat buyers [1]	Years	35.9	36.4	38.4	39.1	38.9	39.4	39.1	39.8	40.8
Downpayment/sales price	Percent	25.2	28.0	24.8	27.2	24.0	24.4	23.3	22.6	21.4
First-time buyers	Percent	18.0	20.5	11.4	20.4	14.6	15.8	15.7	14.7	14.3
Repeat buyers [1]	Percent	30.8	32.7	32.7	31.3	29.7	30.3	28.9	29.1	28.0

[1] Buyers who previously owned a home. [2] Includes multiple-family houses.
Source: Chicago Title Insurance Company, Chicago, IL, *The Guarantor,* bimonthly (copyright).

No. 1227. Low-Income Public Housing Units, by Progress Stage: 1970 to 1992

[**In thousands.** As of **Dec. 31.** Housing for the elderly intended for persons 62 years old or over, disabled, or handicapped. Includes Puerto Rico and Virgin Islands. Covers units subsidized by HUD under annual contributions contracts. See also *Historical Statistics, Colonial Times to 1970,* series N 186-191]

YEAR	Total[1]	Occupied units [2]	Under construction	YEAR	Total[1]	Occupied units [2]	Under construction
1970	**1,155.3**	**893.5**	**126.8**	**1990**	**1,305.3**	**1,028.1**	**7.6**
Elderly	249.4	143.4	65.7	Elderly	(NA)	342.2	(NA)
1980	**1,321.1**	**1,195.6**	**20.9**	**1991**	**1,320.0**	**1,197.7**	**7.7**
Elderly	358.3	317.7	11.5	Elderly	(NA)	513.3	(NA)
1985	**1,378.0**	**1,344.6**	**9.6**	**1992**	**1,323.3**	**1,199.4**	**7.2**
Elderly	373.5	361.1	2.1	Elderly	(NA)	513.5	(NA)

NA Not available. [1] Includes units to be constructed or to go directly "under management" because no rehabilitation needed not shown separately. [2] Under management or available for occupancy.
Source: U.S. Dept. of Housing and Urban Development, unpublished data based on the Field Office Report Monitoring System.

No. 1228. Office Buildings—Vacancy Rates for Major Cities, 1980 to 1993, and Status of Supply, 1993

[**As of December;** except **1993, as of June.** Excludes government owned and occupied, owner-occupied, and medical office buildings]

CITY	VACANCY RATE FOR EXISTING SPACE (percent)									SUPPLY STATUS, **June 1993** (mil. sq. ft.)		
										Existing space		Space under construction
	1980	1985	1987	1988	1989	1990	1991	1992	1993, June	Total	Available for lease	
Total [1]	**4.6**	**16.9**	**19.0**	**18.6**	**19.5**	**20.0**	**20.2**	**20.5**	**19.9**	**2,423.1**	**481.2**	**4.7**
Atlanta, GA	10.0	21.0	19.6	18.3	19.9	19.1	19.5	19.4	18.4	87.4	16.1	-
Baltimore, MD	7.2	11.5	15.8	13.4	16.4	20.0	21.0	20.6	18.4	38.9	7.1	0.1
Boston, MA	3.8	13.1	12.6	14.1	15.3	19.6	19.1	17.5	17.3	134.8	23.3	0.1
Charlotte, NC	(NA)	16.7	15.1	16.5	14.3	16.5	19.4	(NA)	(NA)	(NA)	(NA)	(NA)
Chicago, IL	7.0	16.5	17.0	15.9	17.0	18.6	20.0	22.1	22.1	196.2	43.3	0.2
Dallas, TX	8.6	23.0	29.1	29.7	26.9	25.8	26.0	31.3	30.2	114.5	34.6	-
Denver, CO	6.6	24.7	27.9	27.6	26.1	24.8	23.0	21.5	19.1	67.8	13.0	-
Houston, TX	4.0	27.6	31.8	29.2	27.5	24.9	27.3	27.0	26.0	140.9	36.6	0.1
Indianapolis, IN	(NA)	(NA)	(NA)	21.3	20.0	21.2	21.4	22.4	20.1	21.6	4.3	-
Kansas City, MO	4.2	16.2	18.2	19.9	15.8	14.1	16.9	15.2	14.3	32.4	4.6	0.2
Los Angeles, CA	0.9	15.3	19.0	15.8	19.7	16.8	20.2	21.2	20.0	190.8	38.2	0.1
Miami, FL	2.4	20.9	26.1	24.0	22.0	23.4	22.6	18.5	18.2	29.5	5.4	0.2
Milwaukee, WI	(NA)	(NA)	16.8	19.3	20.4	22.9	19.5	18.4	17.3	24.0	4.1	-
New Orleans, LA	(NA)	21.8	24.3	25.6	25.7	29.0	25.0	(NA)	(NA)	(NA)	(NA)	(NA)
New York, NY [2]	3.1	7.9	9.7	11.5	15.1	16.0	18.8	18.3	18.1	318.5	57.6	-
Philadelphia, PA	6.3	14.5	16.5	15.8	16.3	18.2	17.3	19.0	18.9	70.2	13.3	0.2
Pittsburgh, PA	1.2	(NA)	12.3	17.6	16.3	16.3	14.2	(NA)	16.0	34.7	5.6	-
San Diego, CA	(NA)	24.7	22.8	20.1	17.6	19.5	23.7	23.8	22.7	38.1	8.6	-
San Francisco, CA	0.4	13.7	15.0	15.5	15.7	14.7	13.3	12.5	14.5	53.9	7.8	-
Seattle, WA	(NA)	(NA)	(NA)	13.2	12.4	12.3	12.8	15.9	15.0	30.6	4.6	-
St. Louis, MO	(NA)	(NA)	15.6	18.4	22.6	21.0	20.5	21.8	19.2	33.2	6.4	-
Washington, DC	2.5	9.0	13.4	13.2	14.4	19.0	17.6	15.4	14.6	186.5	27.2	1.4

- Represents zero. NA Not available. [1] Includes other cities not shown separately. In 1993, 51 cities were covered. [2] Refers to Manhattan.
Source: ONCOR International, Houston, TX, 1980-1985, *National Office Market Report,* semi-annual; 1986-1990, *International Office Market Report,* semi-annual; thereafter, *Office Market Data Book* (copyright).

No. 1229. Commercial Office Space—Inventory and Vacancy Rates for the Largest Metropolitan Areas: 1992

[As of **December 31, except population as July 1.** Data based on responses from individuals knowledgeable in the local markets. Represents primarily the metropolitan as indicated, but in many cases may exclude outlying countries beyond the central portion]

METROPOLITAN AREAS	Resident population, 1992 (1,000)	Inventory (1,000 sq. ft.)	Vacant space (1,000 sq. ft.)	Vacancy rate (percent)	Construction (1,000 sq. ft.)	Absorption (1,000 sq. ft.)
Albany-Schenectady-Troy, NY MSA	872	11,016	1,077	9.8	70	-
Atlanta, GA MSA	3,143	97,144	14,481	14.9	335	2,871
Austin-San Marcos, TX MSA	801	19,517	3,164	16.2	-	651
Baltimore, MD PMSA	2,433	36,283	7,116	19.6	463	-55
Bergen-Passaic, NJ & Jersey City, NJ PMSA [1]	1,846	96,482	20,002	20.7	1,215	1,035
Birmingham, AL MSA	859	13,485	2,091	15.5	-	473
Boston, MA-NH PMSA	3,211	84,810	14,606	17.2	750	2,265
Buffalo-Niagara Falls, NY MSA	1,194	6,925	1,155	16.7	160	187
Charlotte, NC MSA	1,212	18,770	3,388	18.0	202	545
Chicago, IL PMSA	7,561	152,736	34,395	22.5	70	-2,873
Cincinnati, OH PMSA	1,560	21,887	3,751	17.1	-	425
Cleveland-Lorain-Elyria, OH PMSA	2,221	35,876	8,559	23.9	-	433
Columbus, OH MSA	1,394	25,010	2,202	8.8	100	154
Dallas, TX PMSA	4,215	117,161	30,609	26.1	-	-904
Dayton, OH MSA	962	6,717	1,173	17.5	-	171
Denver, CO PMSA	1,715	55,480	10,135	18.3	-	564
Detroit, MI PMSA [2]	4,308	55,651	8,900	16.0	150	750
El Paso, TX MSA	628	3,046	221	7.2	-	23
Fort Lauderdale, FL PMSA	1,301	15,933	3,721	23.4	-	366
Fort Worth, TX PMSA	1,419	17,905	3,138	17.5	-	341
Fresno, CA MSA	805	11,333	1,475	13.0	174	261
Grand Rapids-Muskegon-Holland, MI MSA	964	8,330	1,102	13.2	100	408
Greensboro-Winston Salem-High Point, NC MSA	1,076	23,625	2,949	12.5	-	749
Greenville-Spartanburg-Anderson, SC MSA	853	5,870	752	12.8	-	70
Hartford, CT MSA	1,156	20,877	3,276	15.7	-	506
Honolulu, HI MSA	863	13,365	1,217	9.1	637	331
Houston TX PMSA	3,530	135,171	29,151	21.6	1,533	2,240
Indianapolis, IN MSA	1,424	20,171	4,436	22.0	500	3
Jacksonville, FL MSA	953	13,227	2,548	19.3	230	466
Kansas City, MO-KS MSA	1,617	36,523	4,967	13.6	285	441
Las Vegas, NV MSA	971	7,190	914	12.7	30	247
Los-Angeles, CA PMSA	9,054	145,270	32,143	22.1	607	2,285
Louisville, KY MSA	968	12,265	2,120	17.3	160	719
Memphis, TN MSA	1,034	18,328	3,414	18.6	355	53
Miami, FL PMSA	2,008	30,260	7,400	24.5	163	660
Middlesex-Somerset-Hunterdon, NJ and Monmouth-Ocean, NJ PMSA [3]	2,051	68,962	9,482	13.7	-	558
Milwaukee-Waukesha, WI PMSA	1,450	24,145	3,702	15.3	-	778
Minneapolis-St. Paul, MN-WI MSA	2,618	45,958	9,317	20.3	-	1,327
Nashville, TN MSA	1,023	16,206	2,918	18.0	-	223
Nassau-Suffolk, NY PMSA	2,640	33,784	7,740	21.6	-	-453
New Orleans, LA MSA	1,303	20,373	4,801	23.6	-	384
New York City, NY PMSA [4]	9,705	384,044	71,252	18.6	324	-847
Norfolk-Virginia Beach-Newport News, VA MSA	1,497	15,515	2,009	12.9	664	1,085
Oakland, CA PMSA	2,148	19,391	3,171	16.4	44	188
Oklahoma City, OK MSA	984	14,960	3,700	24.7	-	490
Omaha, NE MSA	656	13,273	2,442	18.4	-	482
Orange County, CA PMSA	2,485	54,497	11,525	21.1	-	1,156
Orlando, FL MSA	1,305	22,936	3,818	16.6	-	82
Pheonix, AZ MSA	2,330	22,907	4,945	21.6	-	1,034
Philadelphia, PA PMSA	4,944	109,363	22,284	20.4	444	335
Pittsburgh, PA MSA	2,406	28,290	3,498	12.4	-	916
Portland-Vancouver, OR PMSA	1,897	16,050	2,180	13.6	75	254
Providence, RI MSA	1,131	5,972	1,224	20.5	-	205
Raleigh-Durham-Chapel Hill, NC MSA	909	15,764	1,732	11.0	106	1,163
Richmond-Petersburg, VA MSA	896	17,671	3,345	18.9	-	167
Riverside-San Bernardino, CA PMSA	2,823	8,926	2,066	23.1	71	655
Sacramento-Yolo, CA MSA	1,563	33,016	5,170	15.7	1,256	2,246
Salt Lake City-Ogden, UT MSA	1,128	11,029	1,989	18.0	130	493
San Antonio, TX MSA [5]	1379	17,641	4,057	23.0	-	180
San Diego, CA MSA	2601	43,076	7,333	17.0	350	1,217
San Francisco, CA PMSA	2,523	80,672	12,172	15.1	-	-15
San Jose, CA PMSA	1,528	34,500	(NA)	(NA)	(NA)	(NA)
Seattle, WA PMSA	2,124	43,275	5,922	13.7	-	881
St. Louis, MO MSA	2,519	34,203	9,778	28.6	-	-1,376
Syracuse, NY MSA	752	8,625	1,275	14.8	-	104
Tampa-St. Petersburg-Clearwater, FL MSA [6]	2,107	20,210	3,834	19.0	-	369
Tucson, AZ MSA	690	6,394	1,333	20.9	-	82
Tulsa OK MSA	732	13,949	2,145	15.4	-	227
Washington, DC-MD-VA-WV PMSA [7]	4,630	260,767	41,461	15.9	5,806	5,613
West Palm Beach-Boca Raton, FL MSA	901	6,572	1,369	20.8	-	226

- Represents zero. NA Not available. [1] Data are for area identified by source as New Jersey-Northern with a market area of Bergen, Essex, Hudson, Morris, and Passaic counties. [2] Represents only the suburban portion of the metropolitan area. [3] Data are for area identified by source as New Jersey-Central with a market area of Hunterdon, Mercer, Middlesex, Monmouth, Somerset, and Union counties. [4] Represents primarily Manhattan and Rockland and Westchester counties. [5] Represents only Bexar County. [6] Represents only Pinnellas and Hillsborough counties. [7] Represents only the District of Columbia, Alexandria city, and Arlington, Fairfax, Loundoun, and Prince William counties in Virginia and Montgomery and Prince George's counties in Maryland.

Source: Resident population, U.S. Bureau of the Census. Office data, Society of Industrial and Office REALTORS, Washington, DC, *Comparative Statistics of Industrial and Office Real Estate Markets*, (copyright).

No. 1230. Commercial Buildings—Selected Characteristics, by Square Footage of Floorspace: 1992

[Excludes buildings 1,000 square feet or smaller. Building type based on predominant activity in which the occupants were engaged. Based on a sample survey of building representatives conducted between August and December 1992; therefore, subject to sampling variability. For composition of regions, see table 26]

CHARACTERISTIC	Number of buildings (1,000)	FLOORSPACE (mil. sq. ft.)							Mean sq. ft. per building (1,000)	Median sq. ft. per building (1,000)
		Total	Within all buildings having square footage of—							
			5,000 or less	5,001 to 10,000	10,001 to 25,000	25,001 to 50,000	50,001 to 100,000	100,001 and over		
All buildings	**4,806**	**67,876**	**7,327**	**7,199**	**10,375**	**10,069**	**8,062**	**24,845**	**14.1**	**4.5**
Region:										
Northeast	771	13,400	1,074	1,337	1,663	1,976	1,752	5,597	17.4	5.2
Midwest	1,202	17,280	1,889	1,763	2,689	2,353	2,097	6,488	14.4	4.5
South	1,963	24,577	3,155	2,723	3,782	3,696	2,842	8,379	12.5	4.0
West	870	12,619	1,208	1,376	2,241	2,043	1,371	4,380	14.5	5.0
Year constructed:										
1899 or before	169	1,721	251	397	297	431	(S)	(S)	10.2	5.5
1900 to 1919	255	3,608	336	523	503	522	319	(S)	14.1	5.0
1920 to 1945	724	8,712	1,150	1,106	1,507	1,267	927	1,934	12.0	4.2
1946 to 1959	880	10,421	1,352	1,255	1,775	1,792	1,236	2,531	11.8	4.2
1960 to 1969	783	12,612	1,167	986	1,892	1,856	1,625	5,085	16.1	4.5
1970 to 1979	982	14,014	1,536	1,505	1,902	2,216	1,776	5,079	14.3	4.5
1980 to 1989	884	14,267	1,339	1,251	2,189	1,658	1,717	6,132	16.2	4.8
1990 to 1992	128	2,502	197	176	309	327	268	1,224	19.6	4.8
Principal activity within building:										
Public assembly [1]	644	8,303	1,002	1,056	1,742	1,278	378	418	12.9	(NA)
Education	301	8,470	292	307	997	1,551	2,045	3,262	28.2	9.0
Food sales	130	757	286	(S)	(S)	(S)	(S)	(S)	5.8	2.6
Food service	260	1,491	485	343	325	(S)	(S)	(S)	5.7	3.4
Health care	63	1,763	108	(S)	(S)	(S)	(S)	1,286	27.9	4.3
Lodging	154	2,891	159	294	412	711	420	758	18.8	8.0
Mercantile/services	1,272	12,402	2,203	1,987	2,003	1,369	1,268	3,570	9.7	4.0
Office	749	12,319	1,018	1,248	1,656	1,823	1,355	5,218	16.4	5.0
Parking garage	24	1,652	(S)	(S)	(S)	(S)	(S)	694	69.9	6.0
Public order and safety	60	820	91	(S)	(S)	(S)	(S)	(S)	13.7	5.0
Warehouse	761	11,484	1,089	1,106	2,066	1,631	1,250	4,343	15.1	5.0
Other	69	1,130	99	(S)	110	(S)	(S)	(S)	16.4	4.0
Vacant	319	4,396	473	459	635	768	503	821	13.8	4.2
Government owned	599	15,124	689	848	1,735	1,953	2,241	7,659	25.2	6.7
Nongovernment owned	4,206	52,752	6,638	6,351	8,640	8,116	5,821	17,186	12.5	4.3
Fuels used alone or in combination:										
Electricity	4,616	66,549	6,996	7,057	10,097	9,856	7,936	24,607	14.4	4.7
Natural gas	2,665	45,097	3,761	4,266	6,865	6,510	5,735	17,959	16.9	5.1
Fuel oil	559	13,218	829	925	978	1,377	1,539	7,570	23.7	5.0
Propane	337	3,393	573	466	456	501	411	500	10.1	3.5
District heat	95	5,339	56	73	450	545	653	3,562	56.0	17.0
District chilled water	28	2,066	(S)	(S)	115	311	(S)	1,504	72.6	26.5
Any other	163	1,551	250	311	(S)	(S)	(S)	(S)	9.5	3.6
Workers:										
Fewer than 5	2,718	17,944	5,095	3,329	3,053	2,107	910	(S)	6.6	3.0
5 to 9	895	7,524	1,554	1,612	1,801	1,348	595	(S)	8.4	4.8
10 to 19	561	8,077	537	1,446	2,323	1,538	643	(S)	14.4	8.0
20 to 49	405	10,556	120	757	2,608	3,049	1,899	(S)	26.1	16.3
50 to 99	130	7,763	(S)	(S)	450	1,445	2,151	(S)	59.7	38.5
100 to 249	64	7,378	(S)	(S)	(S)	517	1,303	5,433	114.6	79.0
250 or more	31	8,633	(S)	(S)	(S)	(S)	561	7,992	274.4	150.0
Weekly operating hours:										
39 or less	1,039	8,246	1,797	1,341	1,592	1,309	1,007	(S)	7.9	3.5
40 to 48	1,278	14,998	1,904	2,186	2,994	2,553	1,698	3,662	11.7	4.9
49 to 60	1,004	14,046	1,430	1,610	2,549	2,536	1,440	4,482	14.0	5.0
61 to 84	645	12,062	926	1,098	1,408	1,443	1,769	5,418	18.7	5.0
85 to 167	478	8,467	772	492	1,022	1,151	1,132	3,897	17.7	4.0
168 (open continuously)	362	10,057	498	472	810	1,077	1,015	6,185	27.8	5.0

NA Not available. S Figure does not meet publication standards. [1] Includes religious worship.

Source: U.S. Energy Information Administration, *Commercial Buildings Characteristics, 1992.*

No. 1231. Commercial Buildings—Number and Square Footage of Floorspace, by Type of Building and Characteristic: 1992

[For composition of regions, see table 26]

BUILDING CHARACTERISTICS	All buildings [1]	Public assembly [2]	Education	Food sales	Food service	Health care	Lodging	Mercantile/services	Offices	Public order and safety	Warehouse
NUMBER (1,000)											
All buildings	**4,806**	**644**	**301**	**130**	**260**	**63**	**154**	**1,272**	**749**	**60**	**761**
Region:											
Northeast	771	70	38	(S)	54	12	31	246	126	16	109
Midwest	1,202	162	46	29	73	14	26	329	170	(S)	233
South	1,963	314	112	57	83	15	56	510	299	(S)	316
West	870	99	104	32	50	23	41	187	154	(S)	103
Year constructed:											
1899 or before	169	29	(S)	(S)	(S)	(S)	(S)	34	31	(S)	(S)
1900 to 1919	255	48	12	(S)	(S)	(S)	(S)	59	38	(S)	27
1920 to 1945	724	98	28	(S)	43	7	14	210	108	(S)	112
1946 to 1959	880	131	76	(S)	51	10	24	235	136	(S)	117
1960 to 1969	783	111	72	(S)	33	15	38	208	102	(S)	107
1970 to 1979	982	107	46	28	73	14	27	247	163	16	185
1980 to 1986	671	69	37	(S)	23	9	22	200	113	(S)	125
1987 to 1989	212	-	12	(S)	(S)	(S)	(S)	47	42	(S)	50
1990 to 1992	128	12	17	(S)	(S)	(S)	4	32	15	(S)	21
Government owned	599	65	201	(NA)	10	13	15	63	69	49	59
Nongovernment owned	4,206	578	99	130	250	51	139	1,210	680	(S)	702
FLOORSPACE (mil. sq. ft.)											
All buildings	**67,876**	**8,303**	**8,470**	**757**	**1,491**	**1,763**	**2,891**	**12,402**	**12,319**	**820**	**11,484**
Region:											
Northeast	13,400	1,229	1,968	(S)	445	386	616	2,798	2,525	269	1,763
Midwest	17,280	1,998	2,386	182	432	487	577	3,158	2,804	(S)	3,108
South	24,577	3,635	2,620	245	407	597	1,043	4,233	4,152	238	4,964
West	12,619	1,441	1,496	209	208	292	654	2,214	2,838	(S)	1,649
Year constructed:											
1899 or before	1,721	267	(S)	(S)	(S)	(S)	(S)	239	435	(S)	(S)
1900 to 1919	3,608	575	441	(S)	(S)	(S)	(S)	422	716	(S)	269
1920 to 1945	8,712	850	1,077	(S)	246	227	410	1,361	1,389	(S)	1,853
1946 to 1959	10,421	1,434	1,903	(S)	283	152	328	1,883	1,400	(S)	1,805
1960 to 1969	12,612	1,180	2,405	(S)	187	492	482	2,680	2,187	(S)	1,815
1970 to 1979	14,014	1,601	1,728	155	365	544	579	2,607	2,283	168	2,397
1980 to 1986	10,149	819	480	(S)	103	240	550	2,109	2,419	(S)	2,233
1987 to 1989	4,138	(S)	173	(S)	(S)	(S)	(S)	535	899	(S)	610
1990 to 1992	2,502	197	253	(S)	(S)	(S)	97	545	590	(S)	377
Government owned	15,124	1,353	6,961	(NA)	157	521	370	1,082	1,654	767	599
Nongovernment owned	52,752	6,945	1,508	757	1,334	1,242	2,520	11,319	10,665	(S)	10,885

- Represents zero. S Figure does not meet publication standards. [1] Includes parking garages, vacant, and other commercial buildings, not shown separately. [2] Includes religious worship.

Source: U.S. Energy Information Administration, *Commercial Building Characteristics, 1992.*

No. 1232. Commercial Buildings and Workers—Selected Building Characteristics, by Floorspace: 1989

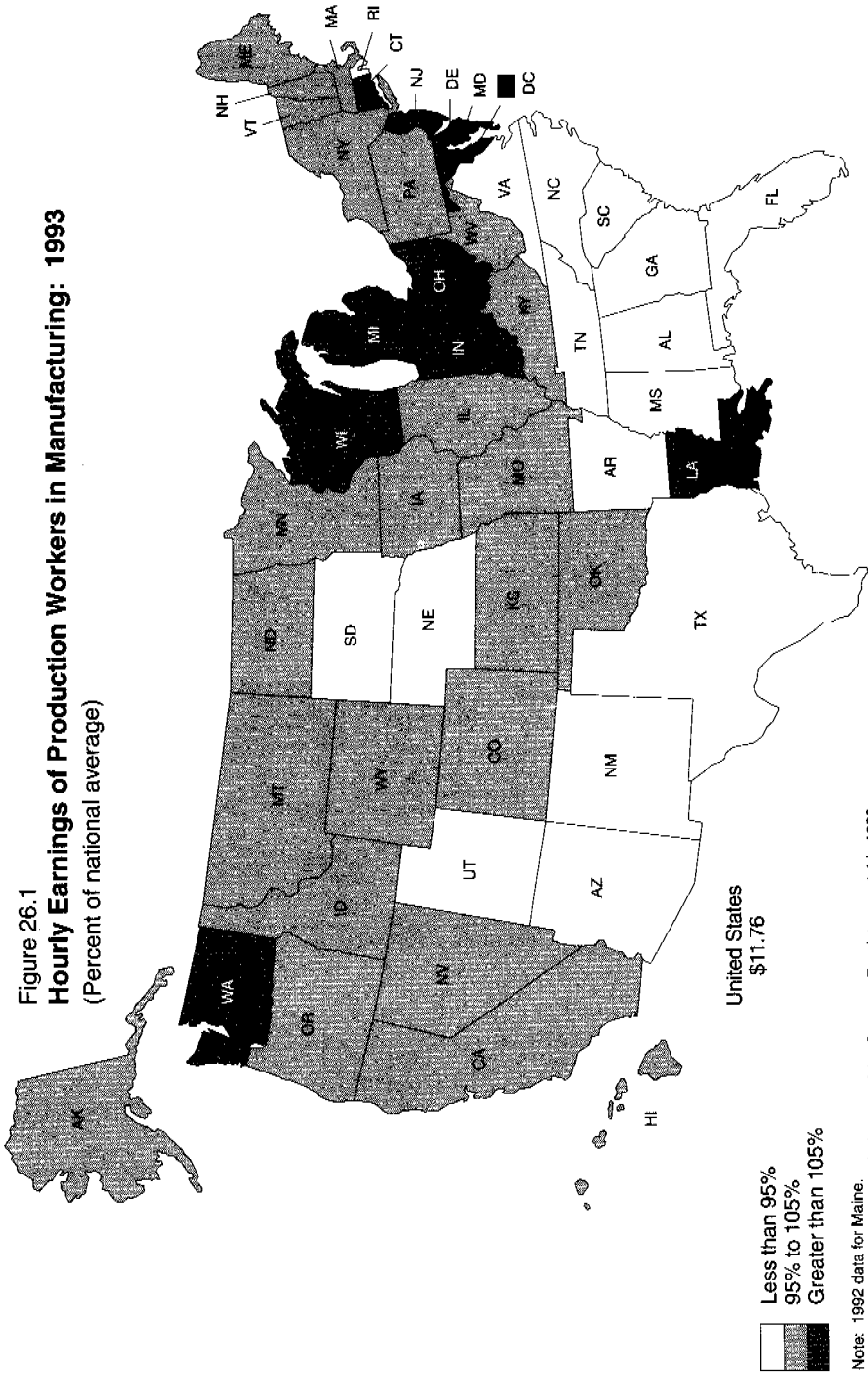
[See headnote, table 1230]

BUILDING CHARACTERISTICS	NUMBER OF BUILDINGS (1,000)							WORKERS		
	Total	Square footage of—						Number (1,000)	Average sq. ft. per worker	Median sq. ft. per worker
		5,000 or less	5,001 to 10,000	10,001 to 25,000	25,001 to 50,000	50,001 to 100,000	100,001 and over			
All buildings	**4,806**	**2,661**	**975**	**647**	**280**	**116**	**106**	**71,236**	**953**	**1,013**
Region:										
Northeast	771	383	180	109	54	25	19	18,570	722	1,050
Midwest	1,202	676	241	163	66	29	27	14,872	1,162	1,225
South	1,963	1,171	370	239	106	41	36	23,220	1,058	1,013
West	870	451	184	136	56	20	24	14,574	866	800
Principal activity within building:										
Public assembly [1]	644	339	143	111	34	6	1	5,050	1,644	(NA)
Education	301	112	43	57	40	30	18	6,872	1,232	960
Food sales	130	103	(S)	(S)	(S)	(S)	(S)	842	899	1,000
Food service	260	179	51	21	(S)	(S)	(S)	2,244	665	613
Health care	63	39	(S)	(S)	(S)	(S)	5	3,385	521	500
Lodging	154	56	39	26	21	7	4	2,022	1,429	1,700
Mercantile/services	1,272	807	265	127	40	18	14	15,979	776	1,077
Office	749	387	168	102	51	20	21	27,161	454	500
Public order and safety	60	30	(S)	(S)	(S)	(S)	(S)	801	1,023	1,050
Warehouse and storage	761	402	149	129	43	17	20	4,451	2,580	1,925
Other	93	(S)	(S)	(S)	(S)	(S)	(S)	1,232	918	1,273
Vacant	319	177	64	42	23	7	5	981	4,481	2,000
Nongovernment owned	4,206	2,423	861	540	228	82	73	52,310	1,008	1,025
Government owned	599	258	114	108	53	34	33	18,926	799	1,000

NA Not available. S Figure does not meet publication standards. [1] Includes religious worship.

Source: U.S. Energy Information Administration, *Commercial Building Characteristics, 1992.*

Figure 26.1
Hourly Earnings of Production Workers in Manufacturing: 1993
(Percent of national average)



Note: 1992 data for Maine.
Source: Chart prepared by U.S. Bureau of the Census. For data, see table 1238.

Manufactures

This section presents summary data for manufacturing as a whole and more detailed information for major industry groups and selected products. The types of measures shown at the different levels include data for establishments; employment and wages; raw materials, fuels, and electricity consumed; plant and equipment expenditures; value and quantity of production and shipments; value added by manufacture; inventories; and various indicators of financial status.

In Brief

Personal computer shipments topped 12.5 million units in 1992.

1-megabit DRAM chips:

	1965	1992
Revenue (millions)	*$5*	*$2,919*
Price	*$162*	*$4*

The principal sources of these data are Bureau of the Census reports of the censuses of manufactures conducted every 5 years; the *Annual Survey of Manufactures;* and the *Current Industrial Reports* series, which presents monthly, quarterly, or annual data on production, shipments, and stocks for particular commodities. Indexes of industrial production are presented monthly in the Federal Reserve Board's *Federal Reserve Bulletin.* Reports on current activities of industries, or current movements of individual commodities, are compiled by such government agencies as the Bureau of Labor Statistics; the Economic Research Service of the Department of Agriculture; the International Trade Administration; and by private research or trade associations such as The Conference Board, Inc., New York, NY and the American Iron and Steel Institute, Washington, DC.

Data on financial aspects of manufacturing industries are collected by the Bureau of Economic Analysis (BEA) and the Bureau of the Census. Industry aggregates in the form of balance sheets, profit and loss statements, analyses of sales and expenses, lists of subsidiaries, and types and amounts of security issues are published for leading manufacturing corporations registered with the Securities and Exchange Commission. The BEA issues data on capital in manufacturing industries and capacity utilization rates in manufacturing. See also section 17, Business Enterprise.

Censuses and annual surveys.—The first census of manufactures covered the year 1809. Between 1809 and 1963, a census was conducted at periodic intervals. Since 1967 it has been taken every 5 years (for years ending in "2" and "7"). Census data, either direct reports or estimates from administrative records, are obtained for every manufacturing plant with one paid employee or more.

The *Annual Survey of Manufactures (ASM),* conducted for the first time in 1949, collects data for the years between censuses for the more general measures of manufacturing activity covered in detail by the censuses. The annual survey data are estimates derived from a scientifically selected sample of establishments. The 1991 annual survey is based on a sample of about 55,000 establishments of an approximate total of 200,000. These establishments represent all manufacturing establishments of multiunit companies and all single-establishment manufacturing companies mailed schedules in the 1987 Census of Manufactures. The 1989 through 1993 ASM sample is similar to the previous sample. For the current panel, all establishments of companies with 1987 shipments in manufacturing in excess of $500 million were included in the survey with certainty. For the remaining portion of the mail survey, the establishment was defined as the sampling unit. For this portion, all establishments with 250 employees or more and establishments with a very large value of shipments also were included. Therefore, of the 55,000 establishments included in the ASM panel, approximately 28,000 are selected with certainty. These establishments account for approximately 80 percent of total value of shipments in the 1987 census. Smaller establishments in the

remaining portion of the mail survey were selected by sample.

The basic statistical measures of manufacturing activity, such as employment, payrolls, value added, etc., are defined in essentially the same way for both the annual surveys and the census of manufactures. However, the bases for computing average employment vary for different years. For example, beginning with 1949, average employment was calculated from the figures reported for the pay periods ending nearest the 15th of March, May, August, and November; whereas, for 1947 such averages were based on 12 monthly employment figures. In 1967, the average employment calculation was revised to the pay periods which include the 12th of March, May, August, and November to provide data more comparable with other statistical series.

Establishments and classification.—The censuses of manufactures for 1947 through 1987 cover operating manufacturing establishments as defined in the *Standard Industrial Classification Manual (SIC),* issued by the U.S. Office of Management and Budget (see text, section 13). The *Manual* is also used for classifying establishments in the annual surveys. The comparability of manufactures data over time is affected by changes in the official definitions of industries as presented in the *Manual.* It is important to note, therefore, that the 1987 edition of the *Manual* was used for the 1987 census; and the 1972 edition of the *Manual* and the *1977 Supplement* were used for the 1972 through 1982 censuses. For the censuses from 1947 to 1963, reports were required from all establishments employing one or more persons at any time during the census year. Beginning with the 1967 census, an effort was made to relieve the very small establishments from the necessity of filing a census report. Approximately 150,000 small single-unit manufacturing firms identified as having less than 20 employees (cutoff varied by industry) benefited from this procedure. Data for these single-unit companies were estimated on the basis of government administrative records and industry averages. Each of the establishments tabulated was classified in one of the approximately 459 manufacturing industries as defined by the *SIC Manual* in 1987. The *Manual* defines an industry as a number of establishments producing a single product or a closely related group of products. In the main, an establishment is classified in a particular industry if its production of a product or product group exceeds in value added its production of any other product group. While some establishments produce only the products of the industry in which they are classified, few within an industry specialize to that extent. The statistics on employment, payrolls, value added, inventories, and expenditures, therefore, reflect both the primary and secondary activities of the establishments in that industry. For this reason, care should be exercised in relating such statistics to the total shipments figures of products primary to the industry.

The censuses for 1947 through 1987 were conducted on an establishment basis. The term "establishment" signifies a single physical plant site or factory. It is not necessarily identical to the business unit or company, which may consist of one or more establishments. A company operating establishments at more than one location is required to submit a separate report for each location. An establishment engaged in distinctly different lines of activity and maintaining separate payroll and inventory records is also required to submit separate reports.

Durable goods.—Items with a normal life expectancy of 3 years or more. Automobiles, furniture, household appliances, and mobile homes are common examples.

Nondurable goods.—Items which generally last for only a short time (3 years or less). Food, beverages, clothing, shoes, and gasoline are common examples.

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 IV.

No. 1233. Gross Domestic Product in Manufacturing: 1980 to 1991

[**In billions of dollars.** 1980 through 1986 data are shown on the basis of the 1972 Standard Industrial Classification (SIC). 1987 through 1991 data are based on the 1987 SIC. Data include nonfactor charges (capital consumption allowances, indirect business taxes, etc.) as well as factor charges against gross product; corporate profits and capital consumption allowances have been shifted from a company to an establishment basis]

ITEM	1980	1985	1986	1987	1988	1989	1990	1991
CURRENT DOLLARS								
Gross domestic product	2,708	4,039	4,269	4,540	4,900	5,251	5,546	5,723
Manufacturing	588	798	829	878	961	1,005	1,025	1,026
Durable goods	349	472	480	502	541	563	564	551
Lumber and wood products	19	24	27	31	32	33	31	30
Furniture and fixtures	8	14	14	15	16	16	16	16
Stone, clay, and glass products	18	24	26	24	24	25	25	23
Primary metal industries	44	36	37	36	43	46	44	42
Fabricated metal products	45	57	58	59	63	67	67	65
Machinery, exc. electrical	77	87	80	(X)	(X)	(X)	(X)	(X)
Industrial machinery and equipment	(X)	(X)	(X)	88	100	106	109	102
Electric and electronic equipment	55	84	85	(X)	(X)	(X)	(X)	(X)
Electronic and other electric equipment	(X)	(X)	(X)	77	81	87	86	88
Motor vehicles and equipment	27	58	58	59	59	53	46	41
Other transportation equipment	26	48	54	57	56	60	65	65
Instruments and related products	20	27	28	40	50	52	56	59
Misc. manufacturing industries	10	14	14	15	17	18	19	19
Nondurable goods	239	327	349	376	420	442	461	475
Food and kindred products	52	72	74	79	83	88	97	102
Tobacco manufactures	7	11	13	13	14	14	16	17
Textile mill products	15	17	19	20	20	21	22	22
Apparel and other textile products	17	21	22	23	24	25	25	26
Paper and allied products	23	33	35	39	44	47	46	45
Printing and publishing	33	52	57	61	65	71	72	73
Chemicals and allied products	48	67	73	82	94	100	104	106
Petroleum and coal products	24	24	26	26	41	38	40	43
Rubber and misc. plastics products	17	26	27	30	31	34	35	36
Leather and leather products	4	4	3	3	4	4	4	4
CONSTANT (1987) DOLLARS								
Gross domestic product	3,776	4,280	4,405	4,540	4,719	4,838	4,897	4,861
Manufacturing	725	811	819	878	924	932	929	908
Durable goods	424	468	472	502	536	543	537	526
Lumber and wood products	22	25	28	31	30	29	28	26
Furniture and fixtures	12	14	14	15	15	15	14	14
Stone, clay, and glass products	24	25	26	24	25	26	26	23
Primary metal industries	49	35	39	36	34	33	35	37
Fabricated metal products	55	58	56	59	62	61	60	57
Machinery, exc. electrical	81	78	75	(X)	(X)	(X)	(X)	(X)
Industrial machinery and equipment	(X)	(X)	(X)	88	97	102	102	101
Electric and electronic equipment	70	83	84	(X)	(X)	(X)	(X)	(X)
Electronic and other electric equipment	(X)	(X)	(X)	77	85	91	91	94
Motor vehicles and equipment	40	63	58	59	63	57	49	41
Other transportation equipment	38	47	51	57	58	61	64	61
Instruments and related products	24	27	27	40	50	50	50	54
Misc. manufacturing industries	10	14	14	15	17	17	17	17
Nondurable goods	301	342	348	376	387	389	392	383
Food and kindred products	64	75	73	79	82	79	84	84
Tobacco manufactures	20	14	15	13	12	10	9	8
Textile mill products	17	18	19	20	20	21	21	21
Apparel and other textile products	20	21	22	23	24	25	24	24
Paper and allied products	31	36	37	39	40	39	42	42
Printing and publishing	53	59	59	61	63	64	62	58
Chemicals and allied products	58	67	75	82	83	84	88	86
Petroleum and coal products	15	23	19	26	30	31	26	23
Rubber and misc. plastic products	19	26	26	30	30	32	32	32
Leather and leather products	5	4	3	4	4	4	4	4

X Not applicable.

Source: U.S. Bureau of Economic Analysis, *Survey of Current Business*, May and November 1993.

No. 1234. Manufactures—Summary: 1963 to 1991

[For establishment coverage, see text, section 27. For compostion of regions, see table 26. See also, *Historical Statistics, Colonial Times to 1970*, series P 1-12]

ITEM	Unit	1963	1967	1972	1977	1982	1987	1990 [1]	1991 [1]
ALL ESTABLISHMENTS									
Number of establishments [2]	**1,000**	**312**	**311**	**321**	**360**	**358**	**369**	**(NA)**	**(NA)**
With 20 or more employees	1,000	102	110	114	119	123	126	(NA)	(NA)
Employee size-class:									
Establishments [3]	1,000	305	306	313	351	348	359	(NA)	(NA)
Under 20	1,000	207	199	203	237	230	238	(NA)	(NA)
20 to 99	1,000	70	74	76	78	84	86	(NA)	(NA)
100 to 249	1,000	18	20	21	22	21	22	(NA)	(NA)
250 to 999	1,000	10	11	11	12	11	11	(NA)	(NA)
1,000 and over	1,000	3	3	3	2	2	2	(NA)	(NA)
Form of organization:									
Corporate	1,000	176.2	153.9	233.2	284.2	283.2	287.4	(NA)	(NA)
Noncorporate [4]	1,000	130.4	33.2	87.5	75.7	74.0	81.5	(NA)	(NA)
Individual proprietorship	1,000	99.2	24.9	42.5	52.3	45.6	35.4	(NA)	(NA)
Partnership	1,000	27.7	6.7	17.7	18.3	15.0	13.2	(NA)	(NA)
All employees: [5]									
Annual average [6]	Million	17.0	19.3	19.0	19.6	19.1	18.9	18.8	18.1
Payroll	Bil. dol.	100	132	174	264	380	476	532	529
Payroll per employee	$1,000	5.9	6.8	9.2	13.5	19.9	25.2	28.3	29.3
Production workers:									
Annual average	Million	12.2	14.0	13.5	13.7	12.4	12.2	12.1	11.5
Percent of all employees	Percent	71.8	72.5	71.1	69.9	64.9	64.6	64.4	63.7
Hours	Billion	24.5	27.8	26.7	26.7	23.5	24.3	24.3	23.2
Hours per worker	1,000	2.0	2.0	2.0	1.9	1.9	2.0	2.0	2.0
Wages	Bil. dol.	62	81	106	157	205	251	272	266
Percent of payroll for all employees	Percent	62.0	61.4	60.9	59.5	53.9	52.8	51.1	50.0
Wages per worker	$1,000	5.1	5.8	7.9	11.5	16.5	20.6	22.5	23.1
Wages per worker hour	Dollar	2.53	2.91	3.97	5.89	8.72	10.35	11.19	11.49
Value added by manufacture [7]	Bil. dol.	192	262	354	585	824	1,166	1,326	1,314
Per production worker	$1,000	15.7	18.7	26.2	42.7	66.5	95.5	109.6	114.1
Per production worker hour	Dollar	7.84	9.42	13.26	21.91	35.06	47.97	54.57	56.70
Per dollar of workers' wages	Dollar	3.10	3.23	3.34	3.73	4.02	4.64	4.88	4.93
Value added, percent distribution									
Northeast	Percent	29.8	29.1	26.3	23.7	23.7	23.7	20.6	20.5
North Central	Percent	35.4	35.0	34.9	34.4	29.8	29.8	29.9	29.9
South	Percent	21.5	22.7	25.5	27.4	29.5	29.5	32.0	32.2
West	Percent	13.3	13.0	13.4	14.5	17.0	17.0	17.5	17.4
Cost of materials	Bil. dol.	230	299	407	782	1,130	1,320	1,554	1,504
Value of shipments [8]	Bil. dol.	421	557	757	1,359	1,960	2,476	2,874	2,826
Per production worker	$1,000	34.5	39.8	56.1	99.2	158.1	203.0	237.5	245.5
End-of-year inventories	Bil. dol.	60	84	108	188	307	333	393	380
New capital expenditures [9]	Bil. dol.	11.4	21.5	24.1	47.5	75.0	78.6	102.0	99.0
Gross book value of depreciable assets	Bil. dol.	158	218	301	439	692	868	(NA)	(NA)
Machinery and equipment	Bil. dol.	(NA)	157	218	328	527	671	(NA)	(NA)
Assets per employee	$1,000	9.3	11.3	16.4	22.4	36.2	48.6	(NA)	(NA)
Ratios:									
Value added to shipments	Ratio	45.6	47.0	46.7	42.9	42.0	47.1	(NA)	(NA)
Inventories to shipments	Ratio	14.2	15.0	14.2	13.8	15.7	13.4	(NA)	(NA)
Payroll to value added	Ratio	52.0	50.3	49.1	45.2	46.1	40.8	(NA)	(NA)
MULTIUNIT COMPANIES									
Establishments	1,000	45.9	51.7	70.2	81.2	81.7	80.9	(NA)	(NA)
Employees	Million	11.0	13.3	14.3	15.0	14.3	13.8	(NA)	(NA)
Production workers	Million	8.1	9.8	9.8	10.1	8.8	8.5	(NA)	(NA)
Payroll	Bil. dol.	68.2	93.8	138.8	214.2	307.5	377.3	(NA)	(NA)
Wages, production workers	Bil. dol.	44.7	60.9	81.9	124.9	159.1	191.8	(NA)	(NA)
Value added by manufacture	Bil. dol.	146.6	206.4	286.1	485.0	678.4	953.6	(NA)	(NA)
New capital expenditures	Bil. dol.	8.9	18.6	20.0	41.0	65.2	66.5	(NA)	(NA)
SINGLE UNIT COMPANIES [10]									
Establishments	1,000	260.8	254.0	250.5	278.7	276.3	288.0	(NA)	(NA)
Employees	Million	5.2	5.2	4.8	4.6	4.8	5.1	(NA)	(NA)
Payroll	Bil. dol.	25.1	28.5	35.4	49.8	72.1	98.3	(NA)	(NA)
Value added by manufacture	Bil. dol.	45.5	55.5	67.9	100.1	145.7	212.1	(NA)	(NA)

NA Not available. [1] Estimated data based on *Annual Survey of Manufactures;* see text, section 27. [2] Includes administrative and auxiliary units. [3] Excludes administrative offices and auxiliary units. [4] Includes forms of organization not shown separately. [5] Includes data for employees of manufacturing establishments engaged in distribution and construction work. [6] Data are based on pay periods ending nearest 15th of March, May, August, and November. [7] Adjusted value added; takes into account (a) value added by merchandising operations (that is, difference between the sales value and cost of merchandise sold without further manufacture, processing, or assembly), plus (b) net change in finished goods and work-in-process inventories between beginning and end of year. [8] Includes extensive and unmeasurable duplication from shipments between establishments in the same industry classification. [9] Includes plants under construction and not yet in operation. [10] Beginning 1967, includes data obtained from Federal administrative records.

Source: Except as noted, U.S. Bureau of the Census, *Census of Manufactures, 1963, 1967, 1972, 1977, 1982,* and *1987.*

No. 1235. Manufactures—Summary, by Industry: 1982, 1987, and 1991

[Data based on various editions of the *Standard Industrial Classification (SIC) Manual*, published by the Office of Management and Budget; see text, section 27. N.e.c.=Not elsewhere classified. See also *Historical Statistics, Colonial Times to 1970*, series P 58-67]

SIC code	INDUSTRY	1982				1987				1991				
		Establishments	All employees		Value of shipments (mil. dol.)	Establishments	All employees		Value of shipments (mil. dol.)	All employees		Production workers	Value added by manufacture (mil. dol.)	Value of shipments (mil. dol.)
			Number [1] (1,000)	Payroll (mil. dol.)			Number [1] (1,000)	Payroll (mil. dol.)		Number [1] (1,000)	Payroll (mil. dol.)			
(X)	**All manufacturing establishments**	**358,061**	**19,094**	**379,627**	**1,960,206**	**368,897**	**18,950**	**475,651**	**2,475,901**	**18,062**	**529,019**	**11,513**	**1,313,829**	**2,826,207**
20	**Food and kindred products**	**22,130**	**1,488**	**26,088**	**280,529**	**20,624**	**1,449**	**30,268**	**329,725**	**1,475**	**34,578**	**1,070**	**145,336**	**387,601**
201	Meat products	3,623	318	4,993	67,602	3,267	341	5,701	77,002	390	7,025	330	17,476	89,391
202	Dairy products	2,724	140	2,553	38,771	2,366	142	3,217	44,755	136	3,595	84	13,855	49,853
203	Preserved fruits and vegetables	(NA)	(NA)	(NA)	(NA)	1,912	209	3,784	36,343	216	4,572	181	22,043	46,806
204	Grain mill products	2,745	108	2,197	31,386	2,610	102	2,704	36,737	103	3,126	71	19,835	47,111
205	Bakery products	(NA)	(NA)	(NA)	(NA)	2,850	217	4,761	23,677	209	5,279	127	16,452	26,539
206	Sugar and confectionery products	1,033	96	1,661	15,576	1,094	90	1,991	18,887	92	2,328	73	10,107	21,959
207	Fats and oils	724	39	774	16,752	595	30	702	15,881	28	744	19	3,815	18,735
208	Beverages	2,584	194	4,244	38,801	2,214	161	4,521	47,327	145	4,591	73	26,839	54,610
209	Miscellaneous foods and kindred products	3,941	158	2,300	23,959	3,716	158	2,887	29,116	156	3,318	114	14,915	32,598
21	**Tobacco products**	**163**	**58**	**1,324**	**16,061**	**138**	**45**	**1,486**	**20,757**	**40**	**1,520**	**29**	**24,484**	**32,032**
211	Cigarettes	14	42	1,094	12,127	11	32	1,486	17,372	27	1,224	20	22,210	27,111
212	Cigars	60	5	59	254	20	3	36	192	3	51	2	201	312
213	Chewing and smoking tobacco	29	3	52	665	29	3	77	1,114	3	88	2	1,203	1,602
214	Tobacco stemming and redrying	60	8	120	3,015	78	7	139	2,079	7	157	5	871	3,008
22	**Textile mill products**	**6,630**	**717**	**9,046**	**47,515**	**6,412**	**672**	**11,410**	**62,786**	**598**	**11,375**	**515**	**26,925**	**65,706**
221	Broadwoven fabric mills, cotton	269	77	965	3,972	301	72	1,260	5,508	66	1,246	59	2,480	5,695
222	Broadwoven fabric mills, manmade	523	141	1,815	8,191	441	88	1,596	8,049	78	1,600	69	3,551	8,315
223	Broadwoven fabric mills, wool	131	13	176	763	119	14	236	1,051	15	296	13	705	1,804
224	Narrow fabric mills	281	18	216	852	277	19	296	1,136	16	291	14	698	1,248
225	Knitting mills	(NA)	(NA)	(NA)	(NA)	2,130	203	2,988	13,531	181	3,022	159	7,244	15,449
226	Textile finishing, except wool	753	58	834	4,972	971	56	1,036	7,042	49	1,046	41	2,641	6,360
227	Carpets and rugs	505	42	603	5,808	477	53	1,039	9,795	49	1,028	38	2,846	8,988
228	Yarn and thread mills	714	109	98	7,036	610	114	1,850	10,277	94	1,670	86	3,684	10,687
229	Miscellaneous textile goods	(NA)	(NA)	(NA)	(NA)	1,086	53	1,109	6,398	50	1,176	38	3,077	7,160
23	**Apparel and other textile products**	**24,391**	**1,189**	**12,129**	**53,388**	**22,872**	**1,081**	**13,904**	**64,243**	**960**	**14,135**	**815**	**33,432**	**65,345**
231	Men's and boys' suits and coats	529	75	878	3,062	347	55	779	2,863	44	743	37	1,400	2,467
232	Men's and boys' furnishings	2,544	299	2,837	12,727	2,195	280	3,246	15,441	252	3,371	222	8,681	15,988
233	Women's and misses' outerwear	10,838	419	4,110	18,225	10,290	349	4,297	19,389	307	4,244	262	9,953	19,433
234	Women's and children's undergarments	755	82	783	3,323	557	68	8,439	3,738	58	810	49	2,172	3,683

See footnotes at end of table.

No. 1235. Manufactures—Summary, by Industry: 1982, 1987, and 1991—Continued

[See headnote, page 753]

SIC code	INDUSTRY	1982				1987				1991				
		Establishments	All employees		Value of shipments (mil. dol.)	Establishments	All employees		Value of shipments (mil. dol.)	All employees		Production workers	Value added by manufacture (mil. dol.)	Value of shipments (mil. dol.)
			Number [1] (1,000)	Payroll (mil. dol.)			Number [1] (1,000)	Payroll (mil. dol.)		Number [1] (1,000)	Payroll (mil. dol.)			
23	**Apparel, other textile products—Con.**													
235	Hats, caps, and millinery	419	16	157	522	461	17	204	663	16	228	14	455	801
236	Girls' and children's outerwear	968	71	671	2,711	834	72	826	3,753	59	791	50	1,907	3,579
237	Fur goods	504	3	60	419	380	2	48	423	2	29	1	70	257
238	Miscellaneous apparel and accessories	1,223	50	513	2,118	986	41	518	2,229	37	546	30	1,167	2,244
239	Miscellaneous fabricated textile products	6,611	174	2,120	10,281	6,822	198	3,143	15,744	186	3,373	152	7,627	16,894
24	**Lumber and wood products**	**32,984**	**576**	**8,445**	**42,935**	**33,982**	**698**	**12,707**	**69,747**	**631**	**12,738**	**526**	**26,995**	**70,569**
241	Logging	11,658	81	1,208	8,274	11,952	86	1,518	10,938	78	1,561	65	4,097	11,434
242	Sawmills and planing mills	7,403	158	2,306	11,132	6,696	180	3,297	19,220	158	3,244	141	6,803	19,409
243	Millwork, plywood, and structural members	6,545	165	2,596	11,683	7,930	240	4,658	22,614	210	4,487	171	8,885	21,448
244	Wood containers	2,250	36	391	1,635	2,216	37	483	2,069	40	634	33	1,203	2,864
245	Wood buildings and mobile homes	1,163	60	880	4,955	1,077	65	1,215	6,575	54	1,106	42	2,173	5,952
249	Miscellaneous Wood Products	3,965	77	1,064	5,255	4,104	90	1,536	8,330	91	1,706	74	3,832	9,462
25	**Furniture and fixtures [2]**	**10,003**	**436**	**6,084**	**24,129**	**11,613**	**511**	**9,082**	**37,462**	**466**	**9,489**	**369**	**20,669**	**40,027**
251	Household furniture	5,475	263	3,162	12,776	5,606	284	4,452	18,559	259	4,576	217	9,723	19,499
252	Office Furniture	700	59	1,051	4,150	986	81	1,790	7,538	66	1,761	48	4,128	7,263
253	Public building and related furniture	413	19	295	1,103	484	22	397	2,088	26	559	20	1,259	3,136
254	Partitions and fixtures	2,148	60	1,025	3,710	2,455	74	1,552	5,537	67	1,622	49	3,210	5,929
259	Miscellaneous furniture and fixtures	1,267	36	551	2,390	2,084	50	892	3,740	48	972	35	2,348	4,200
26	**Paper and allied products**	**(NA)**	**(NA)**	**(NA)**	**(NA)**	**6,342**	**611**	**16,860**	**108,989**	**621**	**19,383**	**477**	**58,281**	**128,824**
261	Pulp mills	43	17	468	3,110	39	14	535	4,314	17	697	13	2,446	5,329
262	Paper mills	299	129	3,431	20,995	281	129	4,597	28,918	130	5,224	99	15,510	33,344
263	Paperboard mills	222	56	1,502	9,531	199	52	1,859	13,730	51	2,027	39	7,257	15,013
265	Paperboard containers and boxes	2,781	198	3,517	19,192	2,796	194	4,618	25,863	199	5,392	153	11,531	30,577
267	Miscellaneous converted paper products	3,006	213	3,961	26,701	3,027	222	5,251	36,165	224	6,043	173	21,537	44,560
27	**Printing and publishing**	**53,406**	**1,292**	**22,707**	**85,797**	**61,774**	**1,494**	**33,440**	**136,196**	**1,488**	**38,742**	**787**	**103,771**	**156,685**
271	Newspapers	8,846	402	6,555	21,276	9,079	434	9,022	31,850	428	10,309	145	26,093	33,702
272	Periodicals	3,328	94	1,986	11,478	4,017	110	2,983	17,329	111	3,661	21	13,794	20,345
273	Books	2,811	112	2,090	10,132	2,856	114	2,821	15,876	126	3,700	55	14,071	20,736
274	Miscellaneous publishing	2,057	45	706	2,871	2,376	70	1,513	7,810	65	1,780	23	7,354	9,762
275	Commercial printing	(NA)	(NA)	(NA)	(NA)	36,103	553	12,301	44,786	556	14,135	401	28,892	51,948
276	Manifold business forms	810	50	934	5,059	853	53	1,281	7,397	46	1,269	32	3,840	7,234
277	Greeting cards	154	21	344	1,894	162	22	471	2,911	24	609	13	2,925	3,810
278	Blankbooks and bookbinding	1,487	61	903	2,803	1,545	69	1,265	4,080	70	1,395	54	3,217	4,571
279	Printing trade services	(NA)	(NA)	(NA)	(NA)	4,783	69	1,784	4,157	62	1,884	45	3,584	4,577

See footnotes at end of table.

No. 1235. Manufactures—Summary, by Industry: 1982, 1987, and 1991—Continued

[See headnote, page 753]

SIC code	INDUSTRY	1982				1987				1991				
		Establishments	All employees		Value of shipments (mil. dol.)	Establishments	All employees		Value of shipments (mil. dol.)	All employees		Production workers	Value added by manufacture (mil. dol.)	Value of shipments (mil. dol.)
			Number [1] (1,000)	Payroll (mil. dol.)			Number [1] (1,000)	Payroll (mil. dol.)		Number [1] (1,000)	Payroll (mil. dol.)			
28	**Chemicals and allied products**	**11,901**	**873**	**20,836**	**170,737**	**12,109**	**814**	**25,016**	**229,546**	**846**	**31,002**	**477**	**154,793**	**292,326**
281	Industrial inorganic chemicals	1,365	108	2,795	17,280	1,405	94	3,099	19,774	104	4,085	56	15,724	26,511
282	Plastics materials and synthetics	606	141	3,451	26,428	680	123	4,013	40,851	129	4,889	87	19,673	46,235
283	Drugs	1,281	166	3,966	24,695	1,356	172	5,304	39,263	184	7,198	83	43,245	60,836
284	Soap, cleaners, and toilet goods	2,379	127	2,581	26,031	2,399	119	3,099	34,748	123	3,750	76	25,374	41,854
285	Paints and allied products	1,441	54	1,158	9,162	1,431	55	1,492	12,702	51	1,568	25	6,784	14,255
286	Industrial organic chemicals	969	144	4,005	38,157	961	126	4,541	51,158	127	5,429	75	26,441	64,432
287	Agricultural chemicals	1,127	51	1,156	14,653	973	40	1,171	14,267	41	1,406	25	8,121	18,522
289	Miscellaneous chemical products	2,733	82	1,725	12,330	2,904	85	2,298	16,782	87	2,678	51	9,431	19,682
29	**Petroleum and coal products**	**2,322**	**152**	**4,339**	**208,919**	**2,254**	**116**	**3,996**	**130,414**	**113**	**4,729**	**73**	**24,024**	**158,076**
291	Petroleum refining	(NA)	(NA)	(NA)	(NA)	331	75	2,845	118,186	74	3,448	48	19,796	145,392
295	Asphalt paving and roofing materials	1,307	30	629	5,948	1,367	28	786	7,749	26	843	19	2,543	7,233
299	Miscellaneous petroleum and coal products	582	14	312	3,614	556	13	365	4,479	13	438	7	1,685	5,452
30	**Rubber and misc. plastics products**	**13,449**	**682**	**11,597**	**55,416**	**14,515**	**831**	**17,581**	**86,634**	**840**	**20,298**	**647**	**50,295**	**100,668**
301	Tires and inner tubes	164	70	1,734	9,340	164	65	2,070	10,427	66	2,286	52	6,654	11,883
302	Rubber and plastics footwear	65	18	197	706	66	11	153	557	12	182	10	384	757
305	Hose and belting and plastics and packing	635	55	999	3,612	693	52	1,159	4,648	53	1,332	39	2,843	5,241
306	Fabricated rubber products, n.e.c.	(NA)	(NA)	(NA)	(NA)	1,573	104	2,245	9,227	98	2,323	75	5,293	10,370
308	Miscellaneous plastics products, n.e.c.	(NA)	(NA)	(NA)	(NA)	12,019	599	11,955	61,775	611	14,176	471	35,121	72,417
31	**Leather and leather products**	**2,735**	**200**	**2,219**	**9,719**	**2,193**	**129**	**1,831**	**9,082**	**106**	**1,753**	**89**	**4,293**	**9,142**
311	Leather tanning and finishing	384	20	311	1,753	344	15	292	2,219	12	278	10	710	2,183
313	Footwear cut stock	161	7	81	368	128	5	70	324	5	83	5	182	383
314	Footwear, except rubber	751	121	1,250	5,269	479	71	913	4,073	53	770	46	1,942	3,776
315	Leather gloves and mittens	96	4	37	178	77	3	34	185	3	33	2	58	141
316	Luggage	292	16	194	789	241	11	196	929	13	230	10	598	1,148
317	Handbags and personal leather goods	636	25	271	1,035	529	17	232	942	12	210	10	495	906
319	Leather goods, n.e.c	415	7	76	327	395	7	95	411	9	149	7	308	607

See footnotes at end of table.

No. 1235. Manufactures—Summary, by Industry: 1982, 1987, and 1991—Continued

[See headnote, page 753]

SIC code	INDUSTRY	1982				1987				1991				
		Establishments	All employees		Value of shipments (mil. dol.)	Establishments	All employees		Value of shipments (mil. dol.)	All employees		Production workers	Value added by manufacture (mil. dol.)	Value of shipments (mil. dol.)
			Number [1] (1,000)	Payroll (mil. dol.)			Number [1] (1,000)	Payroll (mil. dol.)		Number [1] (1,000)	Payroll (mil. dol.)			
32	**Stone, clay, and glass products**	**16,545**	**532**	**10,097**	**45,181**	**16,166**	**524**	**12,349**	**61,477**	**476**	**12,612**	**363**	**31,839**	**59,611**
321	Flat glass	69	15	414	1,666	81	15	507	2,549	13	486	11	1,254	2,104
322	Glass and glassware, pressed or blown	459	97	2,032	7,941	522	77	1,959	8,339	67	2,015	57	5,129	8,755
323	Products of purchased glass	1,337	41	696	2,977	1,432	51	1,060	5,429	52	1,243	41	3,312	6,155
324	Cement, hydraulic	237	25	636	3,542	215	19	599	4,335	16	560	12	1,937	3,778
325	Structural clay products	628	30	491	1,868	598	35	689	2,915	32	705	25	1,604	2,782
326	Pottery and related products	910	37	598	1,762	1,006	38	762	2,416	37	820	29	1,758	2,559
327	Concrete, gypsum, and plaster products	9,933	167	2,995	14,947	9,814	203	4,632	24,427	180	4,571	129	10,632	22,466
328	Cut stone and stone products	711	11	156	555	745	13	243	841	12	267	10	582	956
329	Miscellaneous nonmetallic mineral products	(NA)	(NA)	(NA)	(NA)	1,753	73	1,898	10,226	67	1,945	49	5,630	10,057
33	**Primary metal industries [2]**	**7,061**	**854**	**20,603**	**104,667**	**6,771**	**701**	**19,777**	**120,248**	**677**	**21,640**	**516**	**46,605**	**132,837**
331	Blast furnace and basic steel products	1,068	366	267	46,720	1,241	253	8,166	51,815	246	8,976	187	19,685	56,327
332	Iron and steel foundries	1,438	157	3,113	9,642	1,231	130	3,426	10,628	125	3,580	100	6,194	11,172
333	Primary nonferrous metals	161	44	1,307	11,321	169	32	996	10,869	35	1,310	27	3,593	13,838
334	Secondary nonferrous metals	458	19	402	4,852	397	13	312	4,431	13	388	10	815	5,041
335	Nonferrous rolling and drawing	1,022	167	3,636	25,463	1,066	163	4,298	33,282	150	4,602	111	10,956	36,318
336	Nonferrous foundries (castings)	(NA)	(NA)	(NA)	(NA)	1,687	80	1,805	6,315	75	1,873	60	3,454	6,693
34	**Fabricated metal products**	**35,560**	**1,460**	**28,283**	**119,444**	**36,105**	**1,458**	**35,000**	**147,366**	**1,359**	**36,827**	**995**	**76,670**	**157,077**
341	Metal cans and shipping containers	566	59	1,533	12,172	538	48	1,527	12,114	41	1,490	34	3,984	13,642
342	Cutlery, handtools, and hardware	2,238	141	2,585	10,082	2,327	145	3,389	13,481	132	3,420	99	8,156	14,353
343	Plumbing and heating, except electric	1,177	48	821	4,003	828	46	1,005	5,283	42	1,106	29	2,965	5,733
344	Fabricated structural metal products	12,681	422	7,897	34,904	12,579	407	9,042	40,416	379	9,643	269	19,313	42,549
345	Screw machine products, bolts, etc.	2,690	94	1,727	5,834	2,569	95	2,270	7,890	91	2,437	69	4,997	8,484
346	Metal forgings and stampings	4,019	236	5,110	20,057	4,062	255	7,235	28,410	232	7,251	182	12,729	27,927
347	Metal services, n.e.c	5,070	97	1,518	5,125	5,251	113	2,167	7,790	110	2,464	86	4,787	8,758
348	Ordnance and accessories, n.e.c	349	79	1,780	4,993	374	88	2,458	7,644	69	2,205	39	4,378	6,673
349	Miscellaneous fabricated metal products	6,770	284	5,312	22,274	7,577	262	5,906	24,340	264	6,814	188	15,361	28,959
35	**Industrial machinery and equipment**	**52,912**	**2,189**	**46,911**	**187,896**	**52,135**	**1,844**	**50,553**	**217,670**	**1,774**	**54,983**	**1,101**	**124,235**	**243,479**
351	Engines and turbines	341	112	2,850	13,040	356	87	2,906	14,570	78	2,871	52	7,560	16,608
352	Farm and garden machinery	2,078	114	2,386	13,018	1,804	82	1,917	11,474	90	2,305	64	7,133	15,166
353	Construction and related machinery	3,952	326	7,332	32,038	3,467	188	5,272	24,622	190	5,819	118	12,531	27,727
354	Metalworking machinery	(NA)	(NA)	(NA)	(NA)	11,470	268	7,301	22,004	266	8,192	186	15,515	25,456
355	Special industry machinery	(NA)	(NA)	(NA)	(NA)	4,550	169	4,588	17,096	164	5,377	92	10,876	20,687
356	General industrial machinery	(NA)	(NA)	(NA)	(NA)	3,929	240	6,203	24,121	255	7,527	161	16,832	30,809
357	Computer and office equipment	(NA)	(NA)	(NA)	(NA)	2,134	328	10,668	60,627	265	10,082	90	27,419	58,755
358	Refrigeration and service machinery	1,937	172	3,344	16,450	2,129	190	4,752	23,235	174	4,832	121	11,750	25,064
359	Industrial machinery, n.e.c.	(NA)	(NA)	(NA)	(NA)	22,296	292	6,946	19,921	292	7,977	217	14,621	23,207

See footnotes at end of table.

No. 1235. Manufactures—Summary, by Industry: 1982, 1987, and 1991—Continued

[See headnote, page 753]

SIC code	INDUSTRY	1982				1987				1991				
		Establishments	All employees		Value of shipments (mil. dol.)	Establishments	All employees		Value of shipments (mil. dol.)	All employees		Production workers	Value added by manufacture (mil. dol.)	Value of shipments (mil. dol.)
			Number [1] (1,000)	Payroll (mil. dol.)			Number [1] (1,000)	Payroll (mil. dol.)		Number [1] (1,000)	Payroll (mil. dol.)			
36	**Electronics; other electric equip.**	**(NA)**	**(NA)**	**(NA)**	**(NA)**	**15,962**	**1,565**	**38,736**	**171,286**	**1,427**	**41,611**	**896**	**106,669**	**197,880**
361	Electric distribution equipment	(NA)	(NA)	(NA)	(NA)	766	77	1,791	8,197	70	1,873	49	4,939	9,276
362	Electrical industrial apparatus	(NA)	(NA)	(NA)	(NA)	2,213	166	3,882	15,266	153	4,166	102	9,824	17,754
363	Household appliances	(NA)	(NA)	(NA)	(NA)	480	117	2,642	16,498	104	2,497	84	7,413	17,692
364	Electric lighting and wiring equipment	1,993	159	2,718	12,048	1,986	167	3,732	18,004	144	3,677	105	10,161	18,131
365	Household audio and video equipment	(NA)	(NA)	(NA)	(NA)	854	44	850	7,833	45	1,027	32	3,370	9,823
366	Communications equipment	(NA)	(NA)	(NA)	(NA)	1,437	260	7,537	34,001	238	8,394	109	21,286	37,946
367	Electronic components and accessories	(NA)	(NA)	(NA)	(NA)	5,911	546	13,623	50,258	519	15,477	314	38,650	65,233
369	Misc. electrical equipment and supplies	(NA)	(NA)	(NA)	(NA)	2,315	186	4,682	21,230	154	4,500	101	11,026	22,025
37	**Transportation equipment**	**9,443**	**1,596**	**40,812**	**201,346**	**10,500**	**1,817**	**58,790**	**332,936**	**1,634**	**60,079**	**1,056**	**151,979**	**364,032**
371	Motor vehicles and equipment	3,867	616	15,393	112,270	4,422	751	23,910	205,923	653	23,883	519	73,333	206,101
372	Aircraft and parts	1,471	539	14,718	52,027	1,618	596	20,590	77,304	568	21,886	300	49,046	102,381
373	Ship and boat building and repairing	2,566	205	4,326	13,326	2,766	177	4,266	13,857	162	4,504	122	7,959	14,524
374	Railroad equipment	200	35	790	3,457	173	22	631	2,471	26	820	19	1,690	4,450
375	Motorcycles, bicycles, and parts	273	13	225	1,341	246	7	158	1,063	11	277	9	741	1,914
376	Guided missiles, space vehicles, parts	105	146	4,481	14,398	156	214	8,114	26,285	178	7,750	62	17,103	28,965
379	Miscellaneous transportation equipment	961	43	879	4,528	1,119	49	1,122	6,033	36	959	25	2107	5,698
38	**Instruments and related products**	**(NA)**	**(NA)**	**(NA)**	**(NA)**	**10,326**	**982**	**28,778**	**107,325**	**901**	**31,797**	**452**	**82,536**	**127,160**
381	Search and navigation equipment	(NA)	(NA)	(NA)	(NA)	1,137	369	12,368	36,267	280	11,631	112	23,672	36,213
382	Measuring and controlling devices	(NA)	(NA)	(NA)	(NA)	4,240	285	7,807	26,042	268	9,070	133	20,096	32,263
384	Medical instruments and supplies	2,973	189	3,559	15,133	3,443	204	5,027	22,865	241	7,218	143	21,873	33,596
385	Ophthalmic goods	410	26	409	1,273	494	24	475	1,689	26	627	17	1,645	2,313
386	Photographic equipment and supplies	795	119	3,193	17,038	791	88	2,878	19,241	78	3,044	40	14,603	21,398
387	Watches, clocks, watchcases and parts	237	17	248	1,188	221	12	223	1,221	8	207	6	646	1,377
39	**Misc. manufacturing industries**	**15,871**	**383**	**5,647**	**26,891**	**16,544**	**374**	**6,884**	**32,012**	**363**	**7,750**	**260**	**19,999**	**37,131**
391	Jewelry, silverware, and plated ware	2,882	50	770	4,379	2,978	50	941	5,554	46	982	32	2,458	5,275
393	Musical instruments	452	18	258	916	425	12	218	814	12	238	9	536	881
394	Toys and sporting goods	2,570	99	1,389	8,256	2,711	89	1,512	8,798	93	1,923	69	6,088	11,343
395	Pens, pencils, office, and art supplies	1,026	32	485	2,372	1,013	29	540	2,536	30	625	21	1,788	3,306
396	Costume jewelry and notions	(NA)	(NA)	(NA)	(NA)	1,020	32	498	2,062	26	527	19	1,286	2,203
399	Miscellaneous manufactures	(NA)	(NA)	(NA)	(NA)	8,397	163	3,174	12,248	157	3,454	111	7,843	14,124
(X)	Administrative and auxiliary [3]	9,676	1,276	38,220	-	9,480	1,234	47,202	-	1,269	61,979	-	-	-

- Represents zero. NA Not available. X Not applicable. [1] Represents the average of production workers plus all other employees for the payroll period ended nearest the 15th of March. [2] Includes other industries not shown separately. [3] Manufacturing concerns often reported separately for central offices or auxiliaries which serve the manufacturing establishment of a company, rather than the general public. Separate reports were obtained from such units if at a different location or if they serviced more than one establishment.

Source: U.S. Bureau of the Census, *1987 Census of Manufactures* and *Annual Survey of Manufactures*.

No. 1236. Manufactures—Summary, by Industry; Selected Based on Value Added: 1982, 1987, and 1991

[Data based on various editions of the *Standard Industrial Classification (SIC) Manual*, published by the Office of Management and Budget; see text, section 27. N.e.c.=Not elsewhere classified. See also *Historical Statistics, Colonial Times to 1970*, series P 58-67]

SIC code	INDUSTRY	1982				1987				1991				
		Establishments	All employees		Value of shipments (mil. dol.)	Establishments	All employees		Value of shipments (mil. dol.)	All employees		Production workers	Value added by manufacture (mil. dol.)	Value of shipments (mil. dol.)
			Number [1] (1,000)	Payroll (mil. dol.)			Number [1] (1,000)	Payroll (mil. dol.)		Number [1] (1,000)	Payroll (mil. dol.)			
2011	Meat packing plants	1,780	134.4	2,549	44,854	1,434	113.2	2,141	44,991	120.8	2,375	103.3	5,958	49,326
2013	Sausages and other prepared meats	1,311	65.5	1,206	12,278	1,344	79.1	1,619	16,623	79.6	1,833	59.0	5,046	18,361
2015	Poultry slaughtering and processing	532	117.7	1,237	10,471	463	147.7	1,919	14,912	189.6	2,817	168.0	6,473	21,703
2026	*Fluid milk*	1,190	78.2	1,469	18,736	946	72.4	1,681	20,591	65.5	1,840	32.3	5,656	21,137
2033	Canned fruits and vegetables	715	70.5	1,040	9,283	647	65.6	1,163	11,890	67.3	1,484	57.2	6,859	15,579
2038	Frozen specialties, n.e.c.	(NA)	(NA)	(NA)	(NA)	288	37.5	669.1	5624.8	44.9	876	36.7	4,230	8,428
2043	Cereal breakfast foods	52	15.6	435	4,132	53	16.0	599	6,566	15.7	707	12.7	6,581	8,954
2051	Bread, cake, and related products	2,305	170.7	3,254	13,143	2,357	161.6	3,556	16,202	150.2	3,834	83.0	10,801	17,279
2052	Cookies and crackers	358	45.6	797	4,665	360	45.4	1,010	6,309	49.3	1,247	36.2	4,991	8,022
2064	Candy and other confectionery products	(NA)	(NA)	(NA)	(NA)	685	45.8	900	6,980	49.1	1,121	39.3	4,999	8,746
2082	Malt beverages	109	43.0	1,308	11,183	134	31.9	1,355	13,619	32.4	1,446	23.5	9,037	15,925
2086	*Bottled and canned soft drinks*	1,626	113.8	2,146	16,808	1,190	95.6	2,277	22,006	81.7	2,210	31.9	9,555	25,191
2087	Flavoring extracts and syrups, n.e.c.	(NA)	11.6	237	4,237	280	9.1	258	4,665	8.1	275	4.6	4,123	5,642
2099	Food preparations, n.e.c.	(NA)	(NA)	(NA)	(NA)	1,658	57.9	1,110	9,787	54.7	1,193	37.5	5,666	11,322
2111	Cigarettes	14	41.5	1,094	12,127	12	32.0	1,234	17,372	26.9	1,224	19.5	22,210	27,111
2411	Logging	11,658	80.8	1,208	8,274	11,936	85.7	1,516	10,880	78.1	1,561	65.4	4,097	11,434
2421	Sawmills and planing mills, general	6,316	131.9	2,020	10,065	5,742	148.2	2,817	17,357	129.5	2,747	116.1	5,866	17,485
2511	Wood household furniture	2,607	125.6	1,403	5,057	2,948	135.8	2,017	7,980	121.4	2,005	103.8	4,169	7,980
2621	Paper mills	299	129.0	3,431	20,995	282	129.1	4,597	28,916	130.3	5,224	99.4	15,510	33,344
2631	*Paperboard mills*	222	55.6	1,502	9,531	205	52.3	1,859	13,730	50.6	2,027	39.0	7,257	15,013
2653	Corrugated and solid fiber boxes	1,492	94.4	1,862	10,558	1,601	105.8	2,610	16,107	108.7	3,047	79.4	6,064	18,026
2676	Sanitary paper products	138	36.7	863	9,086	133	38.4	1,155	11,698	38.8	1,343	31.1	8,747	15,594
2711	Newspapers	8,846	401.5	6,555	21,276	9,091	434.6	9,025	31,849	428.4	10,309	145.1	26,093	33,702
2721	Periodicals	3,328	94.0	1,986	11,478	4,020	110.0	2,983	17,329	110.6	3,661	20.7	13,794	20,345
2731	Book publishing	2,130	67.1	1,327	7,740	2,298	70.1	1,860	12,620	77.3	2,514	17.1	11,683	16,596
2741	Miscellaneous publishing	2,057	45.3	706	2,871	2,369	69.4	1,513	7,810	65.0	1,780	22.6	7,354	9,762
2752	Commercial printing, lithographic	17,842	311.9	5,746	19,442	24,980	403.0	9,132	32,698	400.1	10,387	290.8	20,952	37,719
2759	*Commercial printing, n.e.c.*	(NA)	(NA)	(NA)	(NA)	10,796	126.2	2,490	8,973	133.8	3,055	92.1	6,270	10,723
2761	Manifold business forms	810	49.5	934	5,059	853	53.2	1,276	7,359	46.3	1,269	32.2	3,840	7,234
2819	Industrial inorganic chemicals, n.e.c.	645	81.7	2,134	12,060	662	72.2	2,425	13,212	78.9	3,157	41.0	10,612	17,649
2821	Plastics materials and resins	440	54.7	1,434	15,769	480	56.3	2,006	26,246	60.5	2,480	36.7	11,012	29,566
2824	Organic fibers, noncellulosic	70	60.2	1,382	8,263	72	45.7	1,347	10,112	46.9	1,569	35.0	6,119	11,084
2834	Pharmaceutical preparations	683	124.4	3,053	18,998	732	131.6	4,168	32,094	129.1	5,012	59.2	34,978	47,376
2841	Soap and other detergents	723	35.4	827	9,167	764	31.7	956	11,559	36.6	1,221	23.1	8,165	15,233
2842	Polishes and sanitation goods	(NA)	23.0	444	4614	726	20.6	500	5,594	19.6	573	12.2	3,895	6,172
2844	*Toilet preparations*	639	60.4	1,102	10,183	694	58.5	1,353	14,593	57.4	1,616	35.6	12,047	17,085
2851	Paints and allied products	1,441	54.1	1,158	9,162	1,426	55.2	1,491	12,701	51.1	1,568	25.2	6,784	14,255
2869	Industrial organic chemicals, n.e.c.	(NA)	(NA)	(NA)	(NA)	699	100.3	3,696	42,189	101.0	4,403	58.4	22,248	53,069
2879	Agricultural chemicals, n.e.c.	330	16.5	404	5,436	277	16.1	518	6,300	16.4	620	9.1	4,951	8,346
2899	Chemical preparations, n.e.c.	1,443	39.7	837	6,344	1,529	37.9	1,021	8,024	39.4	1,202	22.5	4,765	9,176

See footnotes at end of table.

SIC code	INDUSTRY	1982				1987				1991				
		Establishments	All employees		Value of shipments (mil. dol.)	Establishments	All employees		Value of shipments (mil. dol.)	All employees		Production workers	Value added by manufacture (mil. dol.)	Value of shipments (mil. dol.)
			Number [1] (1,000)	Payroll (mil. dol.)			Number [1] (1,000)	Payroll (mil. dol.)		Number [1] (1,000)	Payroll (mil. dol.)			
2911	Petroleum refining	(NA)	(NA)	(NA)	(NA)	309	74.6	2,846	118,216	73.9	3,448	47.6	19,796	145,392
3011	Tires and inner tubes	164	70.3	1,734	9,340	163	65.4	2,070	10,427	65.5	2,286	52.4	6,654	11,883
3081	Unsupported plastics film and sheet	(NA)	(NA)	(NA)	(NA)	594	48.4	1,256	8,140	50.5	1,489	36.0	4,246	9,169
3089	Plastics products, n.e.c.	(NA)	(NA)	(NA)	(NA)	8,571	384.7	7,286	33,774	388.9	8,540	301.9	20,121	39,188
3273	Ready-mixed concrete	5,379	81.4	1,475	8,163	5,321	96.9	2,289	12,975	86.1	2,243	62.8	5,170	11,681
3312	Blast furnaces and steel mills	301	295.8	8,678	36,824	342	188.9	6,451	38,663	177.3	6,940	135.3	14,568	40,775
3357	Nonferrous wiredrawing and insulating	440	67.6	1,270	8,217	487	64.9	1,504	10,827	57.1	1,575	41.9	4,313	11,686
3429	Hardware, n.e.c.	1,185	80.1	1,521	5,741	1,240	85.6	2,056	8,175	73.8	1,938	56.2	4,278	8,223
3441	Fabricated structural metal	2,740	103.6	1,990	8,853	2,454	80.9	1,881	8,667	77.0	2,064	54.2	3,900	9,079
3443	Fabricated plate work (boiler shops)	1,929	102.9	2,180	8,225	1,740	74.6	1,842	6,795	73.5	2,127	51.2	4,396	8,684
3444	Sheet metal work	3,795	81.1	1,495	6,854	4,297	100.3	2,237	9,700	94.9	2,411	70.7	4,753	9,961
3465	Automotive stampings	668	90.5	2,293	8,777	713	119.8	3,977	15,252	99.3	3,681	82.1	5,663	13,404
3469	Metal stampings, n.e.c.	2,843	100.4	1,783	6,438	2,815	95.5	2,132	8,331	95.0	2,400	71.9	4,811	9,338
3519	Internal combustion engines, n.e.c.	253	79.6	1,979	9,363	278	64.0	2,043	11,123	56.3	1,909	38.9	4,677	11,516
3523	Farm machinery and equipment	1,903	96.1	2,067	10,743	1,634	57.0	1,416	6,880	65.1	1,787	45.4	5,268	10,347
3531	Construction machinery	939	115.5	2,653	11,658	955	81.2	2,429	12,773	81.0	2,563	52.8	5,509	13,351
3544	Special dies, tools, jigs, and fixtures	7,255	1.0	2,293	5,375	7,317	114.4	3,164	7,550	114.0	3,659	87.5	6,281	8,890
3559	Special industry machinery, n.e.c.	(NA)	(NA)	(NA)	(NA)	2,531	83.3	2,286	8,275	83.0	2,778	45.7	5,657	10,543
3571	Electronic computers	(NA)	(NA)	(NA)	(NA)	974	151.9	4,953	33,627	126.0	5,344	38.1	16,878	35,573
3585	Refrigeration and heating equipment	865	120.5	2,393	12,390	892	133.3	3,355	17,027	119.0	3,377	87.1	8,186	18,224
3599	Industrial machinery, n.e.c.	(NA)	(NA)	(NA)	(NA)	21,545	228.4	5,119	13,692	233.0	6,227	178.7	11,205	16,925
3621	Motors and generators	472	84.2	1,546	6,060	462	74.6	1,664	6,753	69.7	1,742	51.9	4,037	7,674
3625	Relays and industrial controls	(NA)	(NA)	(NA)	(NA)	1,168	66.6	1,831	6,101	61.2	1,799	35.3	4,289	7,379
3661	Telephone and telegraph apparatus	(NA)	(NA)	(NA)	(NA)	469	112.3	3,178	17,583	94.1	3,468	46.9	9,503	17,425
3663	Radio and TV communications equip.	(NA)	(NA)	(NA)	(NA)	655	126.0	3,776	14,229	123.4	4,395	53.7	10,339	18,165
3674	Semiconductors and related devices	766	166.5	3,785	12,430	853	184.6	5,495	19,795	175.0	6,491	86.2	20,152	29,668
3679	Electronic components, n.e.c.	(NA)	(NA)	(NA)	(NA)	2,900	162.6	3,891	15,439	165.4	4,531	101.6	9,513	19,450
3711	Motor vehicles and car bodies	355	240.1	6,822	70,740	413	284.4	10,376	133,346	218.1	9,803	178.5	45,147	133,861
3714	Motor vehicle parts and accessories	2,420	321.4	7,614	36,293	2,807	389.1	11,947	62,007	369.9	12,587	290.5	25,213	63,604
3721	Aircraft	165	275.1	7,744	28,024	155	268.2	9,680	39,093	258.3	10,324	125.3	23,091	58,090
3724	Aircraft engines and engine parts	340	130.7	3,544	13,809	453	139.6	4,814	20,262	122.3	4,822	67.3	12,278	22,746
3728	Aircraft parts and equipment, n.e.c.	966	132.8	3,429	10,193	1,013	187.7	6,088	17,923	187.3	6,740	107.5	13,678	21,544
3731	Ship building and repairing	689	166.7	3,738	10,967	590	120.2	3,218	8,504	120.8	3,680	90.1	6,354	10,849
3761	Guided missiles and space vehicles	29	99.6	3,159	10,219	40	166.7	6,415	21,566	135.8	6,026	45.0	13,551	23,399
3812	Search and navigation equipment	(NA)	(NA)	(NA)	(NA)	1,084	369.4	12,373	36,267	279.8	11,631	112.3	23,672	36,213
3825	Instruments to measure electricity	749	89.7	1,888	6,094	930	85.2	2,477	7,703	69.3	2,497	34.0	5,456	8,240
3841	Surgical and medical instruments	859	56.9	1,000	4,085	1,136	73.1	1,786	7,780	87.7	2,591	53.1	7,432	10,710
3842	Surgical appliances and supplies	1,367	68.8	1,211	5,667	1,500	78.5	1,786	8,533	93.3	2,510	60.6	8,044	12,555
3861	Photographic equipment and supplies	795	119.3	3,193	17,038	787	88.0	2,878	19,241	78.0	3,044	40.0	14,603	21,398

NA Not available. [1] Represents the average of production workers plus all other employees for the payroll period ended nearest the 15th of the month.

Source: U.S. Bureau of the Census, *1987 Census of Manufactures* and *Annual Survey of Manufactures*.

No. 1237. Manufactures Summary,

[Sum of State totals may not add to U.S. total

	DIVISION AND STATE	1982				1987				
		Establishments [1]	All employees [2]		Value of shipments [3] (mil. dol.)	Establishments [1]	All employees [2]		Value added by manufacture [4] (mil. dol.)	Value of shipments [3] (mil. dol.)
			Number (1,000)	Payroll (mil. dol.)			Number (1,000)	Payroll (mil. dol.)		
1	**U.S.**	**358,061**	**19,094**	**379,627**	**1,960,206**	**368,897**	**18,950**	**475,651**	**1,165,917**	**2,475,902**
2	**Northeast**	**91,102**	**4,798**	**95,919**	**400,767**	**88,287**	**4,357**	**112,222**	**259,074**	**483,748**
3	**N.E.**	**25,659**	**1,445**	**27,603**	**105,938**	**26,393**	**1,350**	**34,455**	**78,908**	**136,989**
4	ME	2,009	110	1,775	8,649	2,172	102	2,192	5,271	10,662
5	NH	1,981	107	1,792	7,636	2,328	108	2,509	8,189	12,214
6	VT	1,104	47	863	3,730	1,262	49	1,140	2,543	4,753
7	MA	11,017	643	12,353	48,204	11,006	591	15,211	35,770	62,794
8	RI	2,855	114	1,760	7,652	2,878	112	2,292	4,788	9,166
9	CT	6,693	424	9,060	30,067	6,747	389	11,111	22,349	37,400
10	**M.A.**	**65,443**	**3,353**	**68,316**	**294,829**	**61,894**	**3,007**	**77,767**	**180,165**	**346,759**
11	NY	32,651	1,419	29,156	121,469	29,608	1,279	33,916	80,033	145,657
12	NJ	15,126	754	15,845	70,420	14,442	691	18,550	42,527	82,451
13	PA	17,666	1,180	23,315	102,940	17,844	1,038	25,302	57,605	118,651
14	**Midwest**	**91,318**	**5,609**	**117,830**	**596,245**	**94,269**	**5,508**	**148,994**	**351,139**	**787,123**
15	**E.N.C.**	**67,378**	**4,337**	**92,400**	**440,702**	**69,756**	**4,186**	**116,148**	**266,248**	**590,487**
16	OH	16,960	1,102	24,740	112,278	17,544	1,100	30,765	71,707	158,560
17	IN	7,960	585	12,559	63,332	8,641	602	15,757	39,279	83,788
18	IL	18,618	1,069	22,681	112,929	18,404	990	26,235	63,350	132,204
19	MI	15,158	884	22,223	99,715	16,010	980	30,628	60,259	146,339
20	WI	8,682	497	10,197	52,448	9,157	514	12,763	31,653	69,596
21	**W.N.C.**	**23,940**	**1,272**	**25,430**	**155,543**	**24,513**	**1,322**	**32,846**	**84,891**	**196,637**
22	MN	6,775	350	7,423	35,321	7,112	374	10,142	23,152	47,604
23	IA	3,598	213	4,403	31,397	3,569	206	4,971	14,469	35,409
24	MO	7,069	406	8,013	41,459	7,290	419	10,390	25,917	59,889
25	ND	587	15	246	2,465	627	15	310	979	2,574
26	SD	748	25	398	3,005	764	28	498	1,476	3,859
27	NE	1,928	92	1,624	15,143	1,876	91	1,938	5,819	16,076
28	KS	3,235	171	3,323	26,753	3,275	189	4,597	12,909	31,056
29	**South**	**99,304**	**5,819**	**101,293**	**647,918**	**104,500**	**5,839**	**128,278**	**354,380**	**800,875**
30	**S.A.**	**48,855**	**2,930**	**48,588**	**256,625**	**53,478**	**3,104**	**66,893**	**179,075**	**373,181**
31	DE	632	68	1,743	8,383	673	67	2,091	3,866	10,730
32	MD	3,883	234	4,859	21,282	4,244	230	5,956	14,020	28,009
33	DC	514	17	394	1,537	486	17	494	1,525	2,128
34	VA	5,568	391	6,649	36,803	6,137	429	9,740	26,857	51,902
35	WV	1,662	96	2,007	9,869	1,619	84	2,108	5,404	11,561
36	NC	10,133	799	11,717	64,176	10,995	842	16,293	47,007	95,317
37	SC	4,206	368	5,540	27,836	4,534	366	7,324	19,112	41,212
38	GA	8,534	503	7,906	48,056	9,187	570	11,933	33,708	75,709
39	FL	13,723	454	7,773	38,683	15,603	499	10,954	27,574	56,613
40	**E.S.C.**	**18,573**	**1,241**	**20,132**	**119,698**	**19,718**	**1,303**	**26,524**	**74,296**	**164,862**
41	KY	3,502	247	4,639	29,639	3,693	252	5,865	18,092	41,827
42	TN	6,417	462	7,378	40,777	6,864	485	9,869	27,050	57,753
43	AL	5,528	330	5,234	29,794	5,843	347	6,963	18,652	40,901
44	MS	3,126	202	2,881	19,488	3,318	219	3,827	10,503	24,381
45	**W.S.C.**	**31,876**	**1,648**	**32,573**	**271,595**	**31,304**	**1,432**	**34,861**	**101,009**	**262,832**
46	AR	3,313	190	2,824	19,747	3,390	206	3,815	10,827	25,308
47	LA	4,107	202	4,304	57,058	3,816	161	4,176	16,426	50,700
48	OK	4,168	197	4,010	23,116	3,728	151	3,629	9,857	24,074
49	TX	20,288	1,059	21,435	171,674	20,370	914	23,241	63,899	162,751
50	**West**	**76,337**	**3,074**	**64,587**	**315,277**	**81,841**	**3,246**	**86,158**	**201,325**	**404,325**
51	**Mountain**	**14,854**	**556**	**10,863**	**56,997**	**16,479**	**596**	**14,689**	**35,822**	**73,554**
52	MT	1,090	20	379	3,668	1,239	20	426	1,112	3,498
53	ID	1,404	48	865	5,370	1,491	53	1,149	3,057	7,005
54	WY	511	10	183	2,558	500	8	180	493	2,074
55	CO	4,406	192	3,983	17,963	4,718	184	4,958	12,046	23,236
56	NM	1,223	33	521	3,815	1,322	35	713	1,653	4,226
57	AZ	3,407	150	3,037	12,907	4,151	184	4,669	11,299	20,758
58	UT	1,962	83	1,539	8,960	2,083	89	2,073	4,883	10,287
59	NV	851	20	356	1,756	975	24	521	1,279	2,470
60	**Pacific**	**61,483**	**2,518**	**53,724**	**258,280**	**65,362**	**2,850**	**71,469**	**165,503**	**330,771**
61	WA	6,788	291	6,681	34,665	7,630	310	8,842	19,016	46,532
62	OR	5,659	185	3,783	17,897	6,353	203	4,767	11,610	25,352
63	CA	47,625	2,005	42,630	199,695	49,930	2,104	57,148	132,638	252,729
64	AK	445	13	270	2,580	427	11	272	834	2,711
65	HI	966	24	360	3,443	1,022	22	440	1,405	3,448

[1] Includes central administrative offices and auxiliary units. [2] Includes employment and payroll at administrative offices and auxiliary units. *All employees* represents the average of production workers plus all other employees for the payroll period ended nearest the 12th of March. *Production workers* represents the average of the employment for the payroll periods ended nearest the 12th of March, May, August, and November.

by State: 1982 to 1991

because U.S. and State figures were independently derived]

1990			1991				
All employees [2]		Value of ship-ments [3] (mil. dol.)	All employees [2]		Value added by manu-facture [4] (mil. dol.)	Value of ship-ments [3] (mil. dol.)	
Number (1,000)	Payroll (mil. dol.)		Number (1,000)	Payroll (mil. dol.)			
18,840	**532,317**	**2,873,502**	**18,062**	**529,019**	**1,313,829**	**2,826,207**	1
4,002	**119,838**	**519,990**	**3,719**	**118,054**	**268,581**	**506,762**	2
1,215	**36,515**	**141,252**	**1,112**	**36,149**	**77,682**	**138,645**	3
103	2,499	12,477	98	2,451	5,428	11,642	4
92	2,554	9,727	86	2,542	5,647	9,771	5
44	1,236	5,592	43	1,231	3,163	5,786	6
529	16,321	63,796	490	15,843	34,472	61,859	7
101	2,364	9,761	95	2,305	5,140	9,577	8
345	11,541	39,898	339	11,777	23,832	40,010	9
2,787	**83,323**	**378,738**	**2,607**	**81,905**	**190,899**	**368,117**	10
1,150	35,145	154,714	1,054	33,831	81,625	148,403	11
627	20,353	87,498	591	20,371	44,332	85,692	12
1,010	27,826	136,526	962	27,703	64,942	134,022	13
5,553	**166,888**	**902,270**	**5,352**	**164,581**	**393,332**	**877,220**	14
4,169	**129,372**	**669,480**	**4,006**	**127,183**	**292,462**	**647,237**	15
1,085	33,318	177,787	1,045	33,091	78,876	174,928	16
616	18,920	98,619	594	17,755	43,805	97,282	17
1,008	30,515	156,675	976	30,659	70,104	151,925	18
913	31,699	153,386	858	30,757	63,351	143,103	19
548	14,920	83,013	533	14,921	36,328	79,999	20
1,384	**37,516**	**232,790**	**1,346**	**37,398**	**100,860**	**229,983**	21
395	11,790	55,244	386	11,744	25,042	53,303	22
230	6,012	45,927	224	5,967	19,062	44,996	23
423	11,557	67,355	401	11,238	31,803	66,415	24
16	351	3,013	17	385	1,152	3,056	25
30	564	4,533	30	597	1,691	4,508	26
99	2,296	20,370	101	2,337	7,537	21,010	27
191	4,946	36,349	187	5,130	14,573	36,695	28
5,942	**146,361**	**962,574**	**5,788**	**148,255**	**422,967**	**955,032**	29
3,058	**74,584**	**427,439**	**2,935**	**74,642**	**208,337**	**425,451**	30
66	2,486	12,901	62	2,434	4,231	11,934	31
212	6,357	30,679	201	6,271	15,242	29,583	32
14	541	2,152	13	555	1,573	2,057	33
423	10,683	61,042	408	10,680	33,245	61,642	34
82	2,262	12,938	78	2,221	6,009	12,474	35
832	18,315	116,245	802	18,813	59,915	118,206	36
368	8,348	46,734	353	8,349	22,491	47,515	37
564	13,210	83,997	545	13,118	36,576	82,765	38
498	12,382	60,750	473	12,201	29,055	59,275	39
1,384	**31,141**	**200,241**	**1,366**	**31,774**	**90,149**	**202,695**	40
279	7,013	53,777	273	7,001	23,714	53,500	41
504	11,407	67,404	493	11,711	32,499	69,549	42
368	8,194	48,748	363	8,287	21,056	48,449	43
233	4,527	30,313	237	4,775	12,880	31,197	44
1,500	**40,636**	**334,894**	**1,487**	**41,839**	**124,481**	**326,886**	45
219	4,359	30,493	220	4,471	12,826	31,084	46
171	4,812	65,807	175	5,005	22,126	63,382	47
168	4,482	28,010	169	4,637	11,959	28,418	48
943	26,983	210,584	923	27,726	77,570	204,002	49
3,343	**99,230**	**488,669**	**3,167**	**98,133**	**229,029**	**487,195**	50
619	**17,039**	**88,989**	**610**	**17,311**	**43,251**	**91,468**	51
20	450	4,040	20	479	1,093	3,767	52
61	1,508	9,184	61	1,607	3,895	9,810	53
10	248	2,756	10	251	925	2,733	54
180	5,528	27,701	176	5,647	13,704	26,825	55
40	862	5,548	41	927	3,931	8,037	56
181	5,321	22,886	174	5,171	11,551	22,983	57
102	2,494	13,950	102	2,592	6,689	14,492	58
26	628	2,925	26	637	1,463	2,821	59
2,724	**82,192**	**399,680**	**2,557**	**80,822**	**185,778**	**395,727**	60
367	11,344	67,538	354	11,801	24,852	67,978	61
216	5,657	31,073	208	5,644	13,344	30,692	62
2,106	64,352	293,190	1,962	62,521	144,908	289,613	63
14	362	3,676	14	390	1,291	3,639	64
21	477	4,203	19	466	1,383	3,805	65

[3] For definition, see footnote 8, table 1234. [4] See footnote 7, table 1234.

Source: U.S. Bureau of the Census, *1982* and *1987 Census of Manufactures* and *Annual Survey of Manufactures*.

No. 1238. Average Hourly Earnings of Production Workers in Manufacturing Industries, by State: 1980 to 1993

[In dollars]

DIVISION AND STATE	1980	1985	1987	1988	1989	1990	1991	1992	1993
United States	**7.27**	**9.54**	**9.91**	**10.19**	**10.48**	**10.83**	**11.18**	**11.46**	**11.76**
New England:									
Maine	6.00	8.40	8.77	9.31	9.92	10.59	11.08	11.40	(NA)
New Hampshire	5.87	8.39	9.29	9.97	10.37	10.83	10.84	11.22	11.61
Vermont	6.14	8.41	9.12	9.47	9.99	10.52	11.00	11.52	11.81
Massachusetts	6.51	9.00	9.77	10.40	10.87	11.39	11.81	12.15	12.36
Rhode Island	5.59	7.59	8.20	8.64	9.06	9.45	9.73	9.92	10.22
Connecticut	7.08	9.57	10.46	10.78	11.21	11.53	11.99	12.46	13.01
Middle Atlantic:									
New York	7.18	9.67	10.09	10.43	10.67	11.11	11.43	11.72	11.97
New Jersey	7.31	9.86	10.40	10.86	11.17	11.76	12.17	12.57	12.98
Pennsylvania	7.59	9.57	9.98	10.33	10.66	11.04	11.46	11.78	12.09
East North Central:									
Ohio	8.57	11.38	11.73	12.00	12.26	12.64	13.12	13.49	14.05
Indiana	8.49	(NA)	(NA)	(NA)	11.70	12.03	12.43	12.79	13.17
Illinois	8.02	10.37	10.85	10.98	11.21	11.44	11.68	11.84	12.04
Michigan	9.52	12.64	12.97	13.31	13.51	13.86	14.52	14.81	15.36
Wisconsin	8.03	10.26	10.55	10.61	10.77	11.11	11.47	11.85	12.17
West North Central:									
Minnesota	7.61	10.05	10.37	10.59	10.95	11.23	11.52	11.92	12.23
Iowa	8.67	10.32	10.62	10.56	10.82	11.27	11.62	11.92	12.22
Missouri	7.26	9.57	10.00	10.24	10.49	10.74	10.86	11.24	11.54
North Dakota	6.56	8.05	8.43	8.36	8.80	9.27	9.25	9.60	9.87
South Dakota	6.50	7.43	7.92	8.09	8.30	8.48	8.79	8.84	8.89
Nebraska	7.38	9.02	9.33	9.38	9.53	9.66	9.84	10.22	10.46
Kansas	7.37	9.45	9.97	10.24	10.68	10.94	11.24	11.60	11.99
South Atlantic:									
Delaware	7.58	9.86	10.67	11.49	12.36	12.39	12.20	12.35	13.31
Maryland	7.61	9.73	10.11	10.71	11.19	11.57	11.92	12.50	12.83
District of Columbia	8.46	10.48	10.73	11.10	11.79	12.51	13.05	13.17	13.18
Virginia	6.22	8.51	9.14	9.37	9.69	10.07	10.43	10.62	10.85
West Virginia	8.08	10.24	10.55	10.81	11.17	11.53	11.77	12.11	12.27
North Carolina	5.37	7.29	7.84	8.12	8.42	8.79	9.19	9.49	9.80
South Carolina	5.59	7.61	8.10	8.30	8.54	8.84	9.17	9.48	9.80
Georgia	5.77	8.10	8.49	8.65	8.87	9.17	9.56	9.86	10.08
Florida	5.98	7.86	8.16	8.39	8.67	8.98	9.30	9.59	9.76
East South Central:									
Kentucky	7.34	9.53	10.02	10.16	10.37	10.70	11.00	11.28	11.48
Tennessee	6.08	8.29	8.78	8.96	9.22	9.55	9.92	10.13	10.33
Alabama	6.49	8.48	8.76	8.95	9.10	9.39	9.72	9.99	10.36
Mississippi	5.44	7.22	7.59	7.83	8.03	8.37	8.67	8.91	9.16
West South Central:									
Arkansas	5.71	7.57	7.88	8.07	8.26	8.51	8.81	9.05	9.36
Louisiana	7.74	10.43	10.90	10.94	11.13	11.61	11.86	12.19	12.66
Oklahoma	7.36	9.86	10.14	10.35	10.48	10.73	11.09	11.38	11.41
Texas	7.15	9.41	9.85	9.97	10.25	10.47	10.84	10.92	11.02
Mountain:									
Montana	8.78	10.95	10.61	10.68	11.15	11.51	11.57	12.18	12.38
Idaho	7.55	9.41	9.75	10.00	10.21	10.60	11.11	11.42	11.88
Wyoming	7.01	9.64	9.75	10.27	10.58	10.83	10.98	11.10	11.54
Colorado	7.63	9.52	10.05	10.38	10.44	10.94	11.33	11.32	12.02
New Mexico	5.79	8.41	8.74	8.87	8.74	9.04	9.40	9.68	9.74
Arizona	7.29	9.48	9.97	9.85	9.92	10.21	10.70	10.96	11.07
Utah	7.02	9.64	9.96	10.11	10.14	10.32	10.77	11.09	11.10
Nevada	7.72	9.15	9.76	10.08	10.33	11.05	11.04	11.55	11.65
Pacific:									
Washington	(NA)	11.63	11.73	11.90	12.12	12.61	13.13	13.59	13.97
Oregon	8.65	10.50	10.56	10.60	10.81	11.15	11.53	11.97	12.18
California	7.70	10.12	10.75	10.80	11.16	11.48	11.87	12.19	12.37
Alaska	10.22	12.19	11.79	11.98	12.01	12.46	11.40	10.75	11.14
Hawaii	6.83	8.65	9.30	9.84	10.37	10.99	11.39	11.61	11.98

NA Not available.

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

No. 1239. Industrial Production Indexes, by Industry: 1970 to 1993

[**1987 = 100.** Beginning 1988, data based on 1987 Standard Industrial Classification (SIC), earlier years based on 1977 SIC; see text, section 27. See also *Historical Statistics, Colonial Times to 1970,* series P 13 and P 18-39]

SIC code	INDUSTRY	1970	1975	1980	1985	1986	1988	1989	1990	1991	1992	1993
(X)	**Total index**	**61.4**	**66.3**	**84.1**	**94.4**	**95.3**	**104.4**	**106.0**	**106.0**	**104.1**	**106.5**	**110.9**
(X)	**Manufacturing**	**56.4**	**61.1**	**78.8**	**91.6**	**94.3**	**104.7**	**106.4**	**106.1**	**103.7**	**106.8**	**111.7**
(X)	**Durable goods**	**53.3**	**56.7**	**75.7**	**91.8**	**93.9**	**106.6**	**108.6**	**107.4**	**103.9**	**107.0**	**114.3**
24	Lumber and products	66.7	66.5	76.9	88.0	95.1	100.1	99.4	97.1	90.6	96.5	100.6
25	Furniture and fixtures	55.6	59.4	78.5	88.1	92.5	100.3	101.6	100.1	94.1	97.2	103.2
32	Stone, clay, and glass products	71.1	77.8	92.0	93.6	97.1	102.6	102.5	100.3	92.6	95.1	98.6
33	Primary metals	115.2	107.2	110.8	101.8	93.7	108.7	107.2	106.5	98.3	101.7	106.4
34	Fabricated metal products	75.9	76.7	92.5	94.5	93.8	104.2	102.8	99.5	94.9	95.6	99.5
35	Industrial, commercial machinery [1]	32.8	38.1	60.6	86.8	90.3	113.0	117.3	117.6	113.8	123.4	144.1
36	Electrical machinery	40.5	45.1	73.3	93.1	94.3	108.5	111.0	111.4	112.7	115.7	127.5
37	Transportation equipment	55.5	59.7	72.3	91.8	96.9	105.2	109.6	107.0	101.9	102.8	104.2
38	Instruments	38.8	52.4	78.8	95.7	95.1	103.6	104.6	104.9	105.3	105.0	104.0
(X)	**Nondurable goods**	**61.1**	**67.7**	**83.1**	**91.5**	**94.9**	**102.3**	**103.7**	**104.4**	**103.5**	**106.5**	**108.6**
20	Foods	64.0	71.4	84.6	94.9	97.4	101.5	102.5	103.7	105.3	107.7	108.6
21	Tobacco products	90.6	97.8	103.6	97.3	95.8	101.8	100.7	100.8	96.3	99.3	91.7
22	Textile mill products	74.4	77.7	92.1	89.7	93.9	98.6	100.3	97.1	96.8	105.6	107.6
26	Paper and products	62.9	65.9	83.1	92.2	97.1	103.1	105.0	105.6	106.2	108.7	112.3
27	Printing and publishing	52.7	53.7	70.3	87.6	90.6	100.9	101.1	100.8	96.9	99.0	101.3
28	Chemicals and products	55.9	69.1	87.8	91.4	94.6	106.0	109.2	111.8	117.4	114.3	117.7
29	Petroleum products	83.9	91.5	99.0	92.6	98.9	101.9	102.3	103.3	101.6	102.7	105.0
30	Rubber and plastics products	37.6	47.4	61.7	85.8	90.8	102.6	106.0	107.2	104.5	110.8	115.9
31	Leather and products	208.0	182.5	161.7	112.5	102.6	99.8	99.6	96.0	87.9	86.8	85.0
(X)	**Mining**	**100.4**	**98.0**	**110.0**	**109.0**	**101.0**	**101.3**	**100.0**	**102.0**	**100.1**	**98.2**	**97.2**
(X)	**Utilities**	**72.9**	**84.3**	**95.9**	**99.5**	**96.3**	**105.0**	**108.7**	**109.9**	**112.3**	**112.0**	**116.3**

X Not applicable. [1] Includes computer equipment.
Source: Board of Governors of the Federal Reserve System, *Federal Reserve Bulletin,* monthly.

No. 1240. Index of Manufacturing Capacity: 1950 to 1993

[**1987 output = 100.** Annual figures are averages of quarterly data. Capacity represents estimated quantity of output relative to output in 1967 which the *current* stock of plant and equipment in manufacturing industries was capable of producing. Primary processing industries comprise textiles, lumber, paper and pulp, petroleum, rubber, stone, clay, glass, primary metals, fabricated metals, and a portion of chemicals. Advanced processing industries comprise chemical products, food, beverages, tobacco, apparel, furniture, printing and publishing, leather, machinery, transportation equipment, instruments, ordnance, and miscellaneous industry groups]

YEAR	Index of capacity	RELATION OF OUTPUT TO CAPACITY (percent)			YEAR	Index of capacity	RELATION OF OUTPUT TO CAPACITY (percent)		
		All manufacturing	Primary processing	Advanced processing			All manufacturing	Primary processing	Advanced processing
1950	29	83	88	80	1984	114	80	80	80
1955	36	87	92	84	1985	117	80	80	79
1960	44	80	80	80	1986	120	79	81	78
1965	54	90	91	89	1987	123	82	85	80
1970	71	80	80	79	1988	125	84	87	82
1975	84	73	73	74	1989	127	83	86	82
1980	102	80	78	81	1990	129	81	84	80
1981	106	79	78	79	1991	132	78	80	77
1982	109	73	69	75	1992	134	79	82	79
1983	112	75	75	75	1993	136	80	84	79

Source: Board of Governors of the Federal Reserve System, *Capacity Utilization In Manufacturing, Mining, Utilities, and Industrial Materials,* G.3., monthly. (Based on data from Federal Reserve Board, Commerce, U.S. Bureau of Labor Statistics, and McGraw-Hill Information Systems Company, New York, NY, and other sources.)

No. 1241. Finances of Manufacturing Corporations: 1970 to 1992

[**In billions of dollars.** Beginning 1986, data exclude estimates for corporations with less than $250,000 in assets at time of sample selection. Prior years include estimates for corporations in this size category. See table 876 for individual industry data]

ITEM	1970	1980	1982	1983	1984	1985	1986	1987	1988	1989	1990	1991	1992
Net sales	709	1,897	2,039	2,114	2,335	2,331	2,221	2,378	2,596	2,745	2,811	2,761	2,890
Net operating profit	50	129	105	125	159	138	125	159	190	182	173	133	151
Net profit:													
Before taxes	48	145	108	133	166	137	129	173	216	189	160	100	34
After taxes	29	92	71	86	108	88	83	116	155	136	112	68	24
Cash dividends	15	36	41	42	45	46	46	50	57	65	62	60	63
Net income retained in business	14	58	30	44	63	42	37	66	98	71	49	7	-39

Source: Through 1980, U.S. Federal Trade Commission; thereafter, U.S. Bureau of the Census, *Quarterly Financial Report for Manufacturing, Mining, and Trade Corporations.*

No. 1242. Capital in Manufacturing Establishments: 1980 to 1992

[**In billions of dollars, except percent.** Data refer to privately owned manufacturing establishments and are based on the capital expenditures data from the Census of Manufactures, the *Annual Survey of Manufactures*, and the inventory investment component of GNP. For details, see source]

ITEM	CURRENT DOLLARS						CONSTANT (1987) DOLLARS					
	1980	1985	1989	1990	1991	1992	1980	1985	1989	1990	1991	1992
Purchases of equipment and structures	79.5	97.7	121.0	128.2	127.7	128.5	102.7	102.1	114.0	118.4	116.4	118.7
Percent equipment	70.5	65.3	68.1	65.9	68.0	70.1	68.6	64.6	68.6	66.8	68.8	71.4
Depreciation (straight line) [1]	54.0	77.5	95.9	101.4	106.1	109.8	71.8	82.7	90.4	93.3	96.1	99.0
Percent equipment	76.4	74.3	73.2	73.0	73.1	73.2	75.5	74.1	73.7	73.6	73.6	73.7
Net investment [2]	25.5	20.2	25.1	26.8	21.6	18.7	30.9	19.4	23.6	25.1	20.3	19.7
Net stock, end of year [1]	976.2	1,237.5	1,498.0	1,576.4	1,599.4	1,626.0	1,221.6	1,285.3	1,372.5	1,402.6	1,418.8	1,435.6
Equipment and structures	666.4	897.7	1,088.3	1,152.7	1,192.1	1,225.1	860.4	949.5	998.7	1,025.7	1,048.2	1,069.7
Percent equipment	62.0	57.7	56.5	56.6	56.7	56.4	61.3	57.8	56.8	56.5	56.4	56.5
Inventories	309.8	339.9	409.7	423.7	407.3	400.9	361.2	335.7	373.9	376.9	370.6	365.9

[1] Depreciation and net stock estimates for equipment and structures are derived using the perpetual inventory method and the straight-line depreciation formula. [2] Represents the difference between purchases and depreciation.

Source: U.S. Bureau of Economic Analysis, *The National Income and Product Accounts of the United States*, volume 2, 1959-88, *Fixed Reproducible Tangible Wealth in the United States, 1925-89*, and *Survey of Current Business*, August and September 1993.

No. 1243. U.S. Share of World Exports of Manufactures: 1980 to 1992

[World exports=exports from the 15 major trading countries: United States, Austria, Belgium-Luxembourg, Canada, Denmark, France, Germany, Italy, Japan, Netherlands, Norway, Sweden, Switzerland, and United Kingdom. Percents are calculated from the values of exports (which are based on current exchange rates) of the 5 commodity groups from each of the 15 countries. Details are reported according to the United Nations Standard International Trade Classification (SITC)]

COMMODITY	TOTAL (bil. dol.)						PERCENT OF WORLD EXPORTS					
	1980	1985	1989	1990	1991	1992	1980	1985	1989	1990	1991	1992
Total [1]	**147.2**	**150.7**	**275.0**	**300.3**	**328.0**	**349.7**	**16.8**	**16.7**	**17.1**	**16.3**	**17.2**	**17.4**
Machinery	57.1	62.7	112.2	119.7	129.8	138.7	21.4	21.4	20.6	20.2	20.0	20.2
Transport equipment	28.9	35.2	55.2	62.9	70.3	76.7	18.3	18.7	17.9	17.6	18.6	18.6
Chemicals	20.8	21.5	38.0	39.5	43.4	44.6	17.9	17.9	18.0	16.6	17.4	16.8
Basic manufactures [2]	23.3	15.0	31.6	33.9	37.8	38.3	10.1	7.9	9.6	9.3	10.4	10.2
Misc. articles [3]	17.0	16.3	38.1	43.1	46.7	51.3	16.0	14.6	17.8	16.8	17.6	18.1

[1] Represents manufactures exports. Excludes mineral fuel products, processed food, fats, oils, firearms of war, and ammunition. [2] Includes semimanufactures of various materials, such as metals, fibers, wood, glass, leather, rubber, and certain finished products of metal. [3] Includes mainly nondurable consumer goods and professional and scientific instruments.

Source: U.S. Dept. of Commerce, International Trade Administration, Office of Trade and Investment Analysis, *Business America*, biweekly; *Market Share Reports*, annual; and unpublished data.

No. 1244. Foreign Direct Investment Position in the United States—Manufacturing: 1991 and 1992

[**In millions of dollars.** Book value at year end. Covers U.S. firms in which foreign interest or ownership was 10% or more. Minus sign (-) indicates a negative position]

AREA OR COUNTRY	TOTAL [1]		FOOD AND KINDRED PRODUCTS		CHEMICALS AND ALLIED PRODUCTS		PRIMARY AND FABRICATED METALS		MACHINERY	
	1991	1992	1991	1992	1991	1992	1991	1992	1991	1992
All countries [2]	**156,586**	**159,492**	**23,773**	**25,898**	**48,414**	**50,255**	**13,164**	**13,182**	**28,584**	**26,381**
Canada	16,066	17,313	(D)	(D)	(D)	(D)	1,851	1,840	1,969	2,492
Europe [2]	113,365	113,595	15,237	16,999	42,873	44,218	8,610	8,719	19,994	17,321
France	15,053	14,121	1,362	1,445	4,481	4,321	2,905	2,642	2,723	2,280
Germany	15,466	15,050	-69	-84	8,543	8,495	816	931	3,304	3,039
Netherlands	18,267	21,442	2,368	3,994	7,463	8,581	1,142	1,308	4,614	4,147
United Kingdom	42,259	42,208	8,699	8,540	14,721	16,177	1,818	1,731	3,241	2,471
Sweden	5,189	4,981	-	1	898	1,069	137	173	2,623	2,293
Switzerland	10,927	11,124	2,445	2,438	3,390	3,919	539	691	3,117	2,745
Africa	(D)	(D)	3	3	(D)	(D)	1	-12	8	-2
Latin America	4,639	5,784	310	113	628	1,364	86	-47	-62	-114
Middle East	(D)	(D)	-	-	(D)	(D)	-	-	81	75
Asia and Pacific [2]	22,171	22,461	(D)	(D)	(D)	(D)	2,616	2,682	6,594	6,609
Japan	18,545	19,149	892	943	3,415	3,343	1,656	1,781	5,699	5,805

- Represents or rounds to zero. D Data withheld to avoid disclosure of individual companies. [1] Includes other manufacturing industries not shown separately. [2] Includes other countries not shown separately.

Source: U.S. Bureau of Economic Analysis, *Survey of Current Business*, July 1993.

No. 1245. Employment Related to Manufactured Exports, by Industry: 1980 to 1989

[Total employment related to manufactured exports is the sum of employment directly calculated for the plants shipping the exported product, the supplying industries and service organizations, and the central offices and auxiliaries. For manufacturing industries, employment is limited to paid employees in manufacturing plants, while for nonmanufacturing it includes an estimate for working proprietors and partners]

INDUSTRY	EMPLOYMENT RELATED TO MANUFACTURED EXPORTS						CIVILIAN EMPLOYMENT (1,000)		
	Employees (1,000)			Percent of civilian employment					
	1980	1985	1989	1980	1985	1989	1980	1985	1989
Total	**4,808**	**4,413**	**6,022**	**4.8**	**4.0**	**5.1**	**100,260**	**110,136**	**118,744**
Manufacturing	2,639	2,295	2,949	12.8	12.2	15.5	20,647	18,788	19,042
Nonmanufacturing	2,170	2,118	3,073	2.7	2.3	3.1	79,613	91,348	99,702
Trade	845	949	1,385	4.3	4.3	5.9	19,737	21,999	23,553
Business services	575	227	425	3.3	1.1	1.7	17,245	21,139	24,843
Transportation [1]	305	282	443	4.8	4.6	6.9	6,369	6,155	6,435
Agriculture	144	127	131	4.5	3.7	3.9	3,225	3,423	3,387
Mining	69	50	83	7.3	4.9	11.3	947	1,016	733
Other	233	483	606	0.7	1.3	1.5	32,090	37,616	40,751

[1] Includes communications and utilities.

No. 1246. Manufacturing Establishments—Export-Related Shipments and Employment, 1977 to 1989, and by Industry, 1989

[The export-related employment data do not include the jobs involved in the export of nonmanufactured goods and various services sold to foreign buyers. Thus, jobs in the manufacturing sector that relate to the export of nonmanufactured goods are excluded from the estimates. In addition, all of the indirect exports being reported are domestically produced; that is, they exclude imports. See source for further details on methodology]

SIC [1] code	INDUSTRY	MANUFACTURER'S SHIPMENT VALUE				MANUFACTURING EMPLOYMENT			
		Total [2] (bil. dol.)	Export related		Export related as percent of shipments	Total (1,000)	Export related		Export related as percent of total employment
			Total (bil. dol.)	Direct exports [3] (bil. dol.)			Total (1,000)	Direct exports [4] (1,000)	
(X)	1977	1,358.4	142.4	85.8	10.4	19,590	1,990	1,106	10.2
(X)	1980	1,852.7	249.8	151.2	13.5	20,647	2,639	1,486	12.8
(X)	1981	2,017.5	271.7	164.3	13.4	20,264	2,604	1,486	12.9
(X)	1983	2,055.3	246.4	141.6	12.0	18,737	2,173	1,118	11.6
(X)	1984	2,253.8	268.3	151.0	11.9	19,141	2,179	1,083	11.4
(X)	1985	2,278.9	286.7	156.9	12.6	18,788	2,295	1,083	12.2
(X)	1986	2,260.3	294.3	159.4	13.0	18,371	2,318	1,061	12.6
(X)	1987	2,475.9	378.8	193.6	15.3	18,900	2,771	1,185	14.7
(X)	1988	2,684.7	395.3	242.9	14.7	19,147	2,638	1,412	13.8
(X)	**1989, total**	**2,793.0**	**460.5**	**287.4**	**16.5**	**19,042**	**2,948**	**1,610**	**15.5**
20	Food and kindred products	364.4	23.5	18.1	6.5	1,459	79	62	5.4
21	Tobacco products	25.8	5.6	4.9	21.8	43	12	10	27.8
22	Textile mill products	67.3	7.4	3.2	10.9	653	66	26	10.1
23	Apparel, other textile products	63.4	3.8	2.6	5.9	1,018	44	28	4.4
24	Lumber and wood products	74.3	12.2	6.0	16.4	686	88	37	12.8
25	Furniture and fixtures	41.2	1.5	1.0	3.8	508	15	9	3.0
26	Paper and allied products	131.4	17.5	7.6	13.3	630	74	26	11.8
27	Printing and publishing	149.9	11.0	2.7	7.4	1,504	111	22	7.4
28	Chemical and allied products	278.1	58.0	39.3	20.8	848	169	116	19.9
29	Petroleum and coal products	143.7	14.7	4.8	10.2	112	10	4	9.2
30	Rubber, misc. plastics products	98.4	15.0	5.1	15.2	877	133	43	15.2
31	Leather, leather products	9.9	1.5	1.3	15.4	120	10	9	8.5
32	Stone, clay, glass products	63.6	5.2	2.6	8.2	520	41	20	7.9
33	Primary metal industries	153.0	38.6	9.8	25.2	727	178	38	24.4
34	Fabricated metal products	162.2	22.8	8.3	14.4	1,469	210	72	14.3
35	Machinery, except electric	253.6	69.0	52.0	27.2	1,913	475	336	24.8
36	Electric, electronic equipment	192.6	52.1	33.2	27.1	1,551	435	269	28.0
37	Transportation equipment	368.0	74.8	62.7	20.4	1,805	364	295	20.2
38	Instruments and related products	118.5	21.6	18.2	18.3	968	182	154	18.8
39	Misc. manufacturing	35.8	4.8	4.1	13.3	386	42	34	11.0
(X)	Administrative and auxiliary	(X)	(X)	(X)	(X)	1,246	211	(X)	16.9

X Not applicable. [1] Standard Industrial Classification; see text, section 13. [2] Includes total domestic and export shipments for all manufacturing establishments. [3] Includes only the value of manufactured products exported by the producing plants. [4] Employment is limited to paid employees in manufacturing plants producing the export product. The number of employees related to export shipments was calculated for each establishment, aggregated by industry and by States, and inflated to a level comparable to the plant value of exports reported in the official foreign trade statistics at port value.

Source of tables 1245 and 1246: U.S. Bureau of the Census, *1977* and *1987 Census of Manufactures* and *Annual Survey of Manufactures*.

No. 1247. Export-Related Shipments and Employment of Manufacturing Establishments, by State: 1989

[Export-related figures exclude jobs in the manufacturing sector that are involved in the export of nonmanufactured goods and various services sold to foreign buyers. In addition, all of the indirect exports being reported are domestically produced, that is they exclude imports. Includes central administration and auxiliary office employees]

REGION, DIVISION, AND STATE	MANUFACTURES SHIPMENT VALUE					MANUFACTURING EMPLOYMENT				
	Total (bil. dol.)	Export related			Export related shipments, percent of total	Total (1,000)	Export related			Export related employment, percent of total
		Total (bil. dol.)	Direct exports (bil. dol.)	Supporting exports (bil. dol.)			Total (1,000)	Direct exports (1,000)	Supporting exports (1,000)	
United States	**2,793.2**	**460.8**	**287.9**	**173.3**	**16.5**	**19,041.2**	**2,948.7**	**1,610.7**	**1,338.0**	**15.5**
Northeast	**517.4**	**83.6**	**51.7**	**32.0**	**16.2**	**4,168.9**	**667.2**	**357.9**	**309.3**	**16.0**
New England	**141.5**	**28.5**	**19.2**	**9.3**	**20.1**	**1,265.1**	**242.9**	**146.2**	**96.7**	**19.2**
Maine	12.5	2.1	1.1	1.0	17.1	106.4	15.2	8.0	7.2	14.3
New Hampshire	10.2	1.9	1.2	0.7	18.6	97.8	16.7	8.6	8.1	17.1
Vermont	5.4	1.4	0.9	0.5	24.9	46.6	9.9	6.2	3.7	21.2
Massachusetts	65.2	13.0	9.0	4.0	19.9	561.5	110.0	66.9	43.1	19.6
Rhode Island	9.7	1.7	1.0	0.7	17.0	104.0	18.9	11.7	7.2	18.2
Connecticut	38.5	8.4	6.0	2.4	21.8	348.8	72.2	44.8	27.4	20.7
Middle Atlantic	**375.9**	**55.1**	**32.5**	**22.7**	**14.7**	**2,903.8**	**424.3**	**211.7**	**212.6**	**14.6**
New York	155.3	25.2	16.6	8.7	16.2	1,207.5	181.6	102.1	79.5	15.0
New Jersey	88.0	10.9	6.1	4.8	12.4	657.9	92.3	39.6	52.7	14.0
Pennsylvania	132.6	19.0	9.8	9.2	14.4	1,038.4	150.4	70.0	80.4	14.5
Midwest	**889.2**	**135.7**	**83.2**	**52.6**	**15.3**	**5,600.7**	**857.5**	**434.1**	**423.4**	**15.3**
East North Central	**664.4**	**104.8**	**62.7**	**42.0**	**15.8**	**4,231.5**	**671.6**	**333.6**	**338.0**	**15.9**
Ohio	176.5	30.8	18.8	12.0	17.4	1,100.2	184.7	93.9	90.8	16.8
Indiana	98.0	16.0	8.8	7.2	16.3	626.6	96.8	48.7	48.1	15.4
Illinois	152.0	23.7	13.8	9.8	15.6	1,033.4	158.8	76.5	82.3	15.4
Michigan	156.9	23.7	15.1	8.6	15.1	929.7	154.8	77.2	77.6	16.7
Wisconsin	81.0	10.6	6.2	4.4	13.1	541.6	76.5	37.3	39.2	14.1
West North Central	**224.8**	**30.9**	**20.5**	**10.6**	**13.7**	**1,369.2**	**185.9**	**100.5**	**85.4**	**13.6**
Minnesota	53.6	8.6	5.7	2.9	16.0	391.4	62.9	33.7	29.2	16.1
Iowa	42.9	5.7	3.8	1.9	13.3	225.3	28.7	16.9	11.8	12.7
Missouri	68.3	9.5	6.2	3.3	13.9	426.0	53.6	26.5	27.1	12.6
North Dakota	2.9	0.5	0.4	0.1	15.9	15.2	1.6	1.0	0.6	10.5
South Dakota	4.4	0.4	0.3	0.2	10.1	28.8	3.3	1.8	1.5	11.5
Nebraska	18.7	1.9	1.2	0.7	10.3	93.8	10.5	5.5	5.0	11.2
Kansas	34.0	4.3	2.9	1.5	12.8	188.7	25.3	15.1	10.2	13.4
South	**925.6**	**144.7**	**85.4**	**59.1**	**15.6**	**5,924.1**	**788.1**	**417.2**	**370.9**	**13.3**
South Atlantic	**419.4**	**63.4**	**38.8**	**24.6**	**15.1**	**3,088.3**	**397.8**	**206.7**	**191.1**	**12.9**
Delaware	12.4	1.2	0.6	0.6	9.6	67.9	9.7	2.6	7.1	14.3
Maryland	31.3	4.8	3.0	1.8	15.3	226.2	31.9	17.5	14.4	14.1
District of Columbia	2.2	0.2	0.1	0.1	10.0	14.4	1.3	0.4	0.9	9.0
Virginia	59.4	8.8	5.6	3.2	14.8	424.9	49.1	24.5	24.6	11.6
West Virginia	13.1	2.8	1.5	1.3	21.0	83.2	13.3	5.7	7.6	16.0
North Carolina	113.6	16.7	9.7	7.0	14.7	836.3	102.4	51.7	50.7	12.2
South Carolina	46.5	8.5	5.1	3.4	18.3	370.7	55.5	30.4	25.1	15.0
Georgia	82.8	10.6	6.3	4.3	12.8	568.1	62.0	30.4	31.6	10.9
Florida	58.1	9.8	6.9	2.9	16.9	496.6	72.6	43.5	29.1	14.6
East South Central	**192.8**	**27.8**	**15.5**	**12.3**	**14.4**	**1,360.8**	**163.7**	**82.9**	**80.8**	**12.0**
Kentucky	49.4	6.9	3.9	3.0	13.9	270.4	34.5	16.4	18.1	12.8
Tennessee	67.0	9.1	5.2	3.9	13.5	499.6	58.6	30.6	28.0	11.7
Alabama	47.2	7.5	3.8	3.7	15.9	364.4	46.9	23.4	23.5	12.9
Mississippi	29.2	4.3	2.6	1.7	14.7	226.4	23.7	12.5	11.2	10.5
West South Central	**313.4**	**53.5**	**31.1**	**22.2**	**17.1**	**1,475.0**	**226.6**	**127.6**	**99.0**	**15.4**
Arkansas	29.7	3.9	2.1	1.8	13.2	214.4	26.0	13.5	12.5	12.1
Louisiana	59.8	9.4	5.0	4.3	15.6	166.5	19.8	9.5	10.3	11.9
Oklahoma	27.7	3.2	1.6	1.6	11.4	162.1	19.3	9.3	10.0	11.9
Texas	196.2	37.0	22.4	14.5	18.8	932.0	161.5	95.3	66.2	17.3
West	**461.0**	**96.8**	**67.6**	**29.6**	**21.0**	**3,347.5**	**635.9**	**401.5**	**234.4**	**19.0**
Mountain	**84.7**	**14.4**	**8.5**	**6.1**	**17.0**	**610.0**	**99.3**	**56.1**	**43.2**	**16.3**
Montana	3.9	0.6	0.2	0.4	15.6	20.7	2.5	0.6	1.9	12.1
Idaho	9.0	1.6	1.0	0.6	17.8	58.1	9.4	5.2	4.2	16.2
Wyoming	2.5	0.2	0.1	0.2	9.4	8.9	0.9	0.3	0.6	10.1
Colorado	26.6	4.0	2.6	1.4	15.1	183.9	29.8	18.5	11.3	16.2
New Mexico	5.2	0.8	0.4	0.5	15.6	38.8	6.0	3.8	2.2	15.5
Arizona	22.3	4.8	2.9	1.9	21.5	180.2	34.4	19.2	15.2	19.1
Utah	12.6	2.0	1.1	0.9	15.7	96.0	13.6	7.2	6.4	14.2
Nevada	2.6	0.4	0.2	0.2	13.2	23.4	2.7	1.3	1.4	11.5
Pacific	**376.3**	**82.4**	**59.1**	**23.5**	**21.9**	**2,737.5**	**536.6**	**345.4**	**191.2**	**19.6**
Washington	59.4	23.2	20.1	3.1	39.1	361.6	107.7	84.5	23.2	29.8
Oregon	30.8	6.0	3.6	2.5	19.5	217.7	39.4	22.6	16.8	18.1
California	279.2	51.2	33.6	17.6	18.3	2,126.3	380.8	230.7	150.1	17.9
Alaska	3.1	1.5	1.4	0.1	21.5	11.4	6.0	5.6	0.4	52.6
Hawaii	3.8	0.5	0.4	0.2	14.0	20.5	2.7	2.0	0.7	13.2

Source: U.S. Bureau of the Census, *Exports from Manufacturing Establishments* AR89-1.

No. 1248. Manufacturing Technology—Percent of Establishments Using and Planning to Use: 1988

ESTABLISHMENT CHARACTERISTIC	ESTABLISHMENTS USING SELECTED TECHNOLOGIES									PLANNING TO USE WITHIN 2 YEARS				
	Computer aided design (CAD) or computer aided engineering	Numerically controlled machines	Automated material handling	Automated sensor based inspection or testing	Communication and control					Design and engineering	Fabrication/machining, assembly	Automated material handling	Automated sensor based inspection or testing	Communication and control
					Programmable controllers	Computer control on factory floor	LAN [1]		Inter-company computer network					
							For technical data	For factory use						
Major SIC [2] group:														
34, Fabricated metal products	26.8	32.2	1.8	15.0	26.8	21.1	13.4	11.6	14.9	20.4	14.7	1.3	6.5	38.8
35, Industrial mach. and equip.	43.2	56.7	5.3	18.4	33.9	28.1	18.5	16.3	12.4	30.8	14.9	2.6	8.2	40.3
36, Electronic and other	48.5	34.9	6.7	38.4	38.0	34.5	24.9	21.1	16.2	26.6	21.9	3.3	12.0	49.5
37, Transportation equip.	39.9	37.3	8.0	27.1	32.0	27.4	22.0	18.7	21.7	25.8	20.2	3.5	7.1	36.3
38, Instruments, related prod.	48.9	33.6	5.5	27.6	32.7	32.3	25.8	21.3	13.8	29.7	19.4	2.5	12.0	45.4
Employment size:														
20 to 99	29.8	35.9	1.7	13.8	22.5	18.9	13.1	11.0	9.7	23.3	11.4	1.2	6.2	36.2
100 to 499	54.4	50.0	5.4	31.6	48.1	41.0	25.9	22.9	22.7	32.6	26.9	3.8	13.4	53.0
500 and over	82.6	69.8	37.5	85.8	77.8	68.0	58.6	50.7	41.8	32.6	40.7	10.3	16.0	55.9
Age of plant (years):														
Less than 5	44.4	37.3	3.7	24.7	29.5	27.3	21.3	18.0	11.9	32.0	19.5	1.7	13.4	50.3
5 to 15	42.6	42.3	4.4	24.8	34.5	29.8	21.3	17.4	16.2	28.8	19.9	3.3	9.9	48.1
16 to 30	41.3	48.0	4.7	29.7	34.9	29.0	19.4	17.1	16.6	27.5	17.6	2.2	7.9	45.1
Over 30	43.1	50.0	7.3	24.9	39.0	32.1	20.7	18.7	18.0	27.0	17.0	2.6	7.9	38.5
Manufacturing process:														
Fabrication/machining	31.1	53.5	2.4	20.6	31.2	24.7	13.7	12.2	14.6	24.1	15.6	1.6	9.9	45.1
Assembly	49.9	15.1	7.4	30.5	30.5	32.6	26.2	22.5	18.3	22.9	19.5	3.9	11.0	45.7
Both	47.2	55.0	5.7	25.2	38.7	32.1	21.8	18.8	16.6	33.3	20.1	2.7	9.0	46.0
Neither	18.5	9.6	2.7	14.8	24.6	17.4	15.9	12.1	11.9	13.7	10.9	1.3	6.0	36.3
Market for most products:														
Consumer	27.6	23.9	4.6	21.2	34.5	27.1	16.1	17.2	17.5	21.7	21.3	3.0	10.6	42.3
Commercial	49.1	41.7	6.5	25.9	34.3	33.0	24.4	22.0	16.4	32.1	18.7	2.8	9.8	43.5
Industrial	42.8	49.5	3.9	21.3	34.5	27.6	19.1	15.9	13.6	29.9	16.4	2.2	8.5	45.8
Transportation	45.7	47.9	8.3	35.4	44.3	34.5	24.8	20.4	32.6	34.1	29.9	3.6	11.9	57.0
Government	57.0	62.0	7.9	42.2	39.4	41.0	28.8	22.8	13.9	29.0	20.1	3.7	13.5	51.9
Other	36.6	36.9	4.5	14.6	24.5	24.0	16.7	13.3	12.2	16.6	12.4	1.5	5.4	31.6
Market price for most products:														
Less than $5	28.6	29.0	2.2	27.0	39.3	26.4	16.7	15.1	21.5	25.4	22.1	1.7	13.4	47.6
$5 to $100	33.3	45.1	3.5	25.6	35.7	29.9	16.4	17.7	19.0	28.2	22.1	3.7	11.9	47.1
$101 to $1,000	41.0	51.5	4.5	24.9	31.6	29.6	20.0	16.1	13.7	27.6	18.5	1.9	8.0	47.0
$1,001 to $2,000	50.2	49.2	6.0	25.8	32.1	30.5	22.1	18.5	14.1	29.9	16.9	3.6	10.5	43.3
$2,001 to $10,000	50.9	45.0	4.9	21.2	28.0	30.7	22.0	17.4	11.8	30.7	13.5	2.0	6.7	41.1
Over $10,000	61.8	48.8	9.8	22.2	39.8	31.9	29.9	21.8	14.4	33.5	16.0	3.0	6.0	46.5

[1] Local area network. [2] Standard Industrial Classification; see text, section 13.

Source: U.S. Bureau of the Census, *Current Industrial Reports, Manufacturing Technology, 1988.*

No. 1249. Alcoholic Beverages—Summary: 1980 to 1992

[For 1980-1985, stocks on hand for years ending June 30; later data for years ending September 30. All other items for fiscal years ending in year shown; see text, section 9. Includes Puerto Rico. Excludes imports. See *Historical Statistics, Colonial Times to 1970*, series P 235 for beer and P 236a for distilled spirits]

ITEM	Unit	1980	1985	1987	1988	1989	1990	1991	1992
BEER									
Breweries operated	Number	86	103	120	183	245	286	333	392
Production [1]	Mil. bbl. [2]	193	194	196	197	198	202	204	202
Value of shipments [3]	Mil. dol.	9,362	12,216	13,619	13,871	14,321	15,186	15,925	(NA)
Tax-paid withdrawals	Mil. bbl. [2]	172	175	178	178	179	182	183	182
Stocks on hand	Mil. bbl. [2]	15	14	14	14	14	14	14	14
DISTILLED SPIRITS									
Production facilities operated	Number	143	117	102	105	140	143	145	143
Warehouses operated	Number	200	214	211	186	260	243	224	236
Production [1] [4]	Mil. tax gal. [5]	236	117	90	99	135	122	129	110
Tax-paid withdrawals [6]	Mil. tax gal. [5]	330	306	271	255	251	251	242	246
Stocks on hand [4]	Mil. tax gal. [5]	696	588	508	456	456	451	459	400
Bottled for consumption	Mil. wine gal. [7]	392	371	337	317	312	306	299	304
Whisky: Production [1]	Mil. tax gal. [5]	87	65	42	38	75	77	75	67
Stocks on hand	Mil. tax gal. [5]	566	467	409	370	361	365	368	309
Bottled for consumption	Mil. wine gal. [7]	165	138	119	111	109	106	100	101
STILL WINES									
Production [1]	Mil. wine gal. [7]	982	622	677	538	611	577	478	483
Distilling materials	Mil. wine gal. [7]	184	148	155	119	122	103	108	134
Tax-paid withdrawals [6]	Mil. wine gal. [7]	340	414	451	451	464	468	387	387
Stocks on hand [8]	Mil. wine gal. [7]	486	602	618	570	558	562	539	544
EFFERVESCENT WINES [10]									
Production [1]	Mil. wine gal. [7]	26.8	32.0	29.2	29.8	30.9	26.9	22.8	24.7
Tax-paid withdrawals	Mil. wine gal. [7]	24.1	30.9	31.2	29.2	27.0	26.2	24.6	24.1
Stocks on hand	Mil. wine gal. [7]	11.9	21.3	18.7	18.2	19.4	22.1	20.4	18.8

NA Not available. [1] Production represents total amount removed from fermenters, including distilling material, and includes increase after fermentation (by amelioration, sweetening, and addition of wine spirits). [2] Barrels of 31 wine gallons. [3] Source: U.S. Bureau of the Census, *Census of Manufactures, 1982* and *1987*, and *Annual Survey of Manufactures*. [4] Excludes alcohol produced for industrial use. [5] For spirits of 100 proof or over, a tax gallon is equivalent to the proof gallon; for spirits of less than 100 proof, the tax gallon is equivalent to the wine gallon. A proof gallon is the alcoholic equivalent of a U.S. gallon at 60 degrees F, containing 50 percent of ethyl alcohol by volume. [6] Includes ethyl alcohol. [7] A wine gallon is the U.S. gallon equivalent to the volume of 231 cubic inches. [8] Includes special natural wines. [9] Excludes distilling materials. [10] Includes champagne, other effervescent wines, and artificially carbonated wines.

Source: Except as noted, U.S. Bureau of Alcohol, Tobacco, and Firearms, *Alcohol and Tobacco Summary Statistics*, annual.

No. 1250. Tobacco Products—Production, Consumption, and Expenditures: 1970 to 1992

[Production data are for calendar years. Excludes cigars produced in customs bonded manufacturing warehouses. See also *Historical Statistics, Colonial Times to 1970*, series P 239-241]

ITEM	Unit	1970	1980	1983	1984	1985	1986	1987	1988	1989	1990	1991	1992
PRODUCTION													
Cigarettes	Billions	583	714	667	669	665	658	689	695	677	710	695	719
Nonfilter tip	Billions	116	54	43	39	36	33	30	28	24	23	19	18
Regular	Billions	54	23	19	18	16	15	14	12	11	11	9	9
King	Billions	62	30	24	21	20	18	16	16	13	12	10	9
Filter tip	Billions	467	661	625	630	629	625	660	667	654	687	675	701
Long and king	Billions	362	439	384	380	378	373	397	400	392	417	423	430
Extra long	Billions	105	222	241	251	252	252	263	267	261	270	253	271
Cigars	Billions	8	4	4	4	3	3	2	2	2	2	2	2
Tobacco [1]	Mil. lb.	165	163	162	163	158	147	143	142	141	142	142	141
CONSUMPTION PER PERSON [2]													
Total	Lb. [3]	10	8	7	7	7	7	6	6	6	6	5	5
Cigarettes	1,000	4	4	4	3	3	3	3	3	3	3	3	3
Cigars [4]	Number	60	24	21	20	18	17	15	14	14	13	12	12
CONSUMER EXPENDITURES													
Total	Mil. dol	11.5	21.0	28.7	30.7	32.2	33.7	35.4	37.8	40.9	43.8	47.4	48.4
Cigarettes	Mil. dol	10.4	19.4	26.8	28.8	30.3	31.8	33.6	35.9	38.3	41.6	45.2	45.8
Cigars	Mil. dol	0.7	0.7	0.7	0.7	0.7	0.7	0.6	0.6	0.7	0.7	0.7	0.6
Other	Mil. dol	0.4	0.9	1.2	1.2	1.2	1.2	1.3	1.4	1.4	1.5	1.8	2.0

[1] Smoking and chewing tobaccos and snuff output. [2] Based on estimated population 18 years old and over, as of July 1, including Armed Forces abroad. [3] Unstemmed processing weight equivalent. [4] Weighing over 3 pounds per 1,000.

Source: U.S. Dept. of Agriculture, Economic Research Service, *Tobacco Situation and Outlook*, quarterly.

No. 1251. Cotton, Wool, and Manmade Fibers—Consumption, by End-Use: 1988 to 1992

[Represents products manufactured by U.S. mills. Excludes glass fiber]

YEAR	Total (mil. lb.)	COTTON		WOOL		MAN-MADE FIBERS					
		Total (mil. lb.)	Percent of end-use	Total (mil. lb.)	Percent of end-use	Total (mil. lb.)	Percent of end-use	Cellulosic [1]		Noncellulosic [2]	
								Total (mil. lb.)	Percent of end-use	Total (mil. lb.)	Percent of end-use
Total:											
1988	13,532	4,033	29.8	210	1.6	9,289	68.6	613	4.5	8,676	64.1
1989	14,125	4,633	32.8	196	1.4	9,296	65.8	600	4.2	8,696	61.6
1990	14,011	4,699	33.5	185	1.3	9,127	65.2	599	4.3	8,528	60.9
1991	14,421	5,033	34.9	213	1.5	9,175	63.6	557	3.8	8,618	59.8
1992	15,481	5,424	35.0	217	1.4	9,840	63.6	558	3.6	9,282	60.0
Apparel:											
1988	5,164	2,513	48.7	139	2.7	2,512	48.6	276	5.3	2,236	43.3
1989	5,514	2,821	51.2	124	2.2	2,569	46.6	274	5.0	2,295	41.6
1990	5,204	2,897	55.7	118	2.3	2,189	42.0	287	5.5	1,902	36.5
1991	5,451	3,103	56.9	142	2.6	2,206	40.5	270	5.0	1,936	35.5
1992	5,942	3,348	56.3	144	2.4	2,450	41.3	271	4.6	2,179	36.7
Home furnishings:											
1988	2,052	1,079	52.6	19	0.9	954	46.5	130	6.3	824	40.2
1989	2,285	1,339	58.6	19	0.8	927	40.6	123	5.4	804	35.2
1990	2,235	1,325	59.3	14	0.6	896	40.1	104	4.7	792	35.4
1991	2,326	1,428	61.4	11	0.5	887	38.1	97	4.1	790	34.0
1992	2,488	1,566	62.9	11	0.4	911	36.7	96	3.9	815	32.8
Floor coverings:											
1988	3,053	12	0.4	21	0.7	3,020	98.9	1	-	3,019	98.9
1989	2,997	14	0.5	24	0.8	2,959	98.7	1	-	2,958	98.7
1990	3,075	18	0.6	21	0.7	3,036	98.7	-	-	3,036	98.7
1991	2,995	22	0.8	25	0.8	2,948	98.4	-	-	2,948	98.4
1992	3,297	20	0.6	26	0.8	3,251	98.6	-	-	3,251	98.6
Exports of domestic products:											
1988	456	124	27.2	19	4.2	313	68.6	25	5.5	288	63.1
1989	492	135	27.4	20	4.1	337	68.5	27	5.5	310	63.0
1990	532	146	27.4	22	4.1	364	68.5	29	5.5	335	63.0
1991	572	155	27.1	23	4.0	394	68.9	32	5.6	362	63.3
1992	613	164	26.8	23	3.8	426	69.4	34	5.5	392	63.9
Industrial: [3]											
1988	2,807	305	10.9	12	0.5	2,490	88.6	181	6.4	2,309	82.2
1989	2,837	324	11.4	9	0.3	2,504	88.3	175	6.2	2,329	82.1
1990	2,965	313	10.6	10	0.3	2,642	88.1	179	6.0	2,463	83.1
1991	3,077	325	10.6	12	0.4	2,740	89.0	158	5.1	2,582	83.9
1992	3,141	326	10.4	13	0.4	2,802	89.2	157	5.0	2,645	84.2

- Represents or rounds to zero. [1] Rayon and acetate. [2] Nylon, polyester, acrylic, and olefin. [3] Includes consumer-type products.

Source: Fiber Economics Bureau, Inc., Roseland, NJ, *Textile Organon*, monthly, (copyright).

No. 1252. Textiles and Apparel Products—U.S. Exports and Imports: 1991 to 1993

[**In millions of dollars.** Excludes glass fibers, rubber and leather apparel, and clothing donated for charity. Minus sign (-) indicates deficit]

PRODUCT	EXPORTS			GENERAL IMPORTS			MERCHANDISE TRADE BALANCE		
	1991	**1992**	**1993**	**1991**	**1992**	**1993**	**1991**	**1992**	**1993**
Total	**8,669**	**10,120**	**10,977**	**33,197**	**39,070**	**42,225**	**-24,528**	**-28,950**	**-31,248**
Textile yarn fabrics	5,457	5,911	6,025	6,991	7,844	8,438	-1,534	-1,933	-2,413
Textile yarn	1,254	1,179	1,045	831	955	1,146	423	224	-101
Cotton fabric, woven	542	591	641	1,281	1,493	1,552	-739	-902	-911
Woven fabric of manmade textiles	703	825	883	1,106	1,206	1,261	-403	-381	-378
Woven fabric of textile material	141	185	210	677	666	662	-536	-481	-452
Special yarns	1,166	1,335	1,418	724	797	878	442	538	540
Other	1,651	1,796	1,828	2,372	2,727	2,939	-721	-931	-1,111
Apparel	3,212	4,209	4,952	26,206	31,226	33,787	-22,994	-27,017	-28,835

Source: U.S. Bureau of the Census, *U.S. Merchandise Trade: Exports, General Imports, and Imports for Consumption*, Report FT925, monthly.

No. 1253. Iron and Steel Industry—Summary: 1980 to 1992

[For financial data, the universe in 1992 consists of the companies that produced 68 percent of the total reported raw steel production. The financial data represent the operations of the steel segment of the companies. Minus sign (-) indicates net loss]

ITEM	Unit	1980	1984	1985	1986	1987	1988	1989	1990	1991	1992
Steel mill products, apparent supply	Mil. tons [1]	95.2	98.9	96.4	90.0	95.9	102.7	96.8	97.8	88.3	95.0
Net shipments	Mil. tons [1]	83.9	73.7	73.0	70.3	76.7	83.8	84.1	85.0	78.8	82.2
Exports	Mil. tons [1]	4.1	1.0	1.0	1.0	1.1	2.1	4.6	4.3	6.3	4.3
Imports	Mil. tons [1]	15.5	26.2	24.3	20.7	20.4	20.9	17.3	17.2	15.8	17.1
Scrap consumed	Mil. tons [1]	66.6	51.8	53.2	49.7	51.7	56.3	51.7	50.1	50.5	51.9
Scrap inventory	Mil. tons [1]	6.9	4.4	4.0	3.4	3.8	3.5	3.5	3.6	3.7	3.3
Iron and steel products: Exports	Mil. tons [1]	5.1	1.7	1.6	1.5	1.7	2.8	5.4	5.3	7.4	5.3
Imports	Mil. tons [1]	17.9	29.5	27.6	24.2	23.8	25.7	22.1	21.9	20.2	21.9
Capacity by steelmaking process	Mil. net tons	153.7	135.3	133.6	127.9	112.2	112.0	115.9	116.7	117.6	113.1
Revenue	Bil. dol.	37.7	30.3	28.4	25.0	27.1	32.7	31.8	30.9	27.1	26.9
Net income	Bil. dol.	0.7	(-Z)	−1.8	−4.1	1.0	−0.6	1.6	0.1	−2.0	−3.8
Stockholders' equity	Bil. dol.	14.5	9.4	6.9	2.4	3.0	2.2	2.1	4.3	2.8	−0.8
Total assets	Bil. dol.	30.8	26.2	24.0	21.0	21.9	24.2	24.6	28.3	27.4	28.2
Capital expenditures	Bil. dol.	2.7	1.2	1.6	0.9	1.2	1.8	2.3	2.6	2.3	1.8
Working capital ratio [2]	Ratio	1.6	1.4	1.3	1.6	1.5	1.7	1.6	1.6	1.4	1.3
Inventories	Bil. dol.	4.7	4.2	3.5	3.0	3.4	3.8	4.0	4.7	4.4	4.1
Average employment	1,000	399	236	208	175	163	169	169	164	146	140
Hours worked	Million	758	474	419	356	354	363	360	350	304	293
Producer price indexes: [3]											
Iron and steel, total	1982=100	90.0	105.3	104.8	101.1	104.6	115.7	119.1	117.2	114.1	111.5
Steel mill products	1982=100	86.6	104.7	104.7	99.8	102.3	110.7	114.5	112.1	109.5	106.4
Blast and electric furnace products	1982=100	97.1	97.3	95.6	94.2	97.1	119.6	129.4	120.1	116.9	115.5
Iron ore	1982=100	87.8	101.2	97.5	91.5	84.2	82.8	82.8	83.3	83.6	83.7
Scrap, iron and steel	1982=100	140.9	123.7	112.6	109.6	128.4	177.1	173.7	166.0	147.6	139.2
Foundry and forge shop products	1982=100	89.7	104.4	105.2	105.2	105.7	109.6	114.6	117.2	119.0	120.1

Z Less than $50 million. [1] In millions of short tons. [2] Current assets to current liabilities. [3] Source: U.S. Bureau of Labor Statistics, *Producer Price Indexes,* monthly and annual.

No. 1254. Raw Steel, Pig Iron, and Ferroalloys Production: 1970 to 1992

[**In millions, except percent.** *See also Historical Statistics, Colonial Times to 1970,* series P 265-269]

ITEM	1970	1980	1984	1985	1986	1987	1988	1989	1990	1991	1992
Raw steel (net tons):											
World production	654.2	790.4	782.6	792.9	788.9	811.1	859.2	865.3	848.8	811.1	787.6
U.S. production	131.5	111.8	92.5	88.3	81.6	89.2	99.9	97.9	98.9	87.9	92.9
Percent of world	20	14	12	11	10	11	12	11	12	11	12
Basic oxygen process	63.3	67.6	52.8	51.9	47.9	52.5	58.0	58.3	58.5	52.7	57.6
Electric	20.2	31.2	31.4	29.9	30.4	34.0	36.8	35.2	36.9	33.8	35.3
Open hearth	48.0	13.0	8.3	6.4	3.3	2.7	5.1	4.4	3.5	1.4	-
Carbon	117.4	94.7	79.9	76.7	71.4	78.0	86.8	86.2	86.6	77.9	82.5
Alloy and stainless	14.1	17.1	12.6	11.6	10.2	11.2	13.1	11.7	12.3	10.0	10.4
Pig iron and ferroalloys, production (sh. tons) [1]	93.5	68.7	51.9	50.4	44.0	48.4	55.7	55.9	54.8	48.6	52.2

- Represents or rounds to zero. [1] For 1970, excludes blast furnace ferroalloys.

No. 1255. Steel Products—Net Shipments, by Market Classes: 1970 to 1992

[**In thousands of short tons.** Comprises carbon, alloy, and stainless steel]

MARKET CLASS	1970	1980	1985	1987	1988	1989	1990	1991	1992
Total [1]	**90,798**	**83,853**	**73,043**	**76,654**	**83,840**	**84,100**	**84,981**	**78,846**	**82,241**
Automotive	14,475	12,124	12,950	11,343	12,555	11,763	11,100	10,015	11,092
Steel service centers, distributors	16,025	16,172	18,439	19,840	21,037	20,769	21,111	19,464	21,328
Construction, incl. maintenance	8,913	8,742	7,900	7,681	8,607	8,318	9,245	9,161	9,536
Containers, packaging, shipping	7,775	5,551	4,089	4,372	4,421	4,459	4,474	4,278	3,974
Machinery, industrial equipment, tools	5,169	4,543	2,271	2,277	2,798	2,409	2,388	1,982	1,951
Steel for converting and processing	3,443	4,117	5,484	7,195	8,492	8,235	9,441	8,265	9,226
Rail transportation	3,098	3,155	1,061	758	1,146	1,229	1,080	999	1,052
Contractors' products	4,440	3,148	3,330	3,337	3,495	3,182	2,870	2,306	2,694
Oil and gas industries	3,550	5,371	2,044	1,489	1,477	1,203	1,892	1,425	1,454
Electrical equipment	2,694	2,441	1,669	2,373	2,459	2,449	2,453	2,102	2,136
Appliances, utensils, and cutlery	2,160	1,725	1,466	1,633	1,638	1,721	1,540	1,388	1,503

[1] Includes nonclassified shipments and other classes not shown separately.

Source of tables 1253-1255: American Iron and Steel Institute, Washington, DC, *Annual Statistical Report,* (copyright).

No. 1256. Computer Shipments and Revenues: 1990 to 1992

[Revenue is in if-sold, end-user dollars]

ITEM	FACTORY REVENUE (mil. dol.)			SHIPMENTS (units)		
	1990	1991	1992	1990	1991	1992
United States:						
Supercomputer	788.8	877.6	944.9	531	553	567
Mainframe	12,538.1	9,855.6	8,527.9	3,952	3,434	2,782
Midrange	9,815.8	6,340.3	8,680.3	208,102	178,276	127,406
Workstation	3,147.2	3,474.1	3,722.4	161,488	210,649	230,909
Personal computer	18,660.9	18,428.0	23,531.1	9,848,593	10,182,500	12,544,374
Canada:						
Supercomputer	29.9	29.7	38.0	19	19	25
Mainframe	892.4	771.7	624.8	257	266	156
Midrange	744.3	579.0	648.5	17,832	14,277	9,434
Workstation	225.6	191.1	189.3	12,077	7,996	11,580
Personal computer	1,447.7	1,474.0	2,150.9	857,706	884,378	1,174,984
Western Europe:						
Supercomputer	505.6	554.4	472.5	291	295	263
Mainframe	10,861.9	8,924.2	7,239.6	4,307	4,390	2,291
Midrange	10,061.5	9,892.1	6,452.5	243,340	250,778	151,415
Workstation	2,395.5	2,544.4	2,590.8	121,577	155,249	171,534
Personal computer	14,810.1	14,519.4	16,353.2	7,954,834	8,572,164	9,437,893
Japan:						
Supercomputer	469.9	495.6	448.4	116	141	107
Mainframe	5,697.6	6,242.4	5,382.3	6,222	5,639	3,635
Midrange	5,392.1	5,668.3	4,845.9	231,571	287,640	233,481
Workstation	1,511.6	1,875.5	1,924.5	96,267	123,904	124,519
Personal computer	4,746.0	4,600.8	4,363.7	2,243,500	2,363,000	2,223,810

Source: Dataquest Inc., San Jose, CA, Consolidated Data Base, January 1994.

No. 1257. Microcontrollers and Chip Shipments: 1989 to 1992

ITEM	REVENUE (mil. dol.)				SHIPMENTS (millions of units)			
	1989	1990	1991	1992	1989	1990	1991	1992
Microcontrollers, worldwide	3,262	3,667	4,519	5,958	1,153	1,358	1,592	1,723
8-bit	2,002	2,079	2,618	(NA)	461	563	722	814
4-bit	1,173	1,394	1,598	(NA)	682	777	838	861
16-bit	86	194	303	(NA)	9	17	32	48
32-bit processors	817	1,402	2,456	4,363	9	8	15	30
RISC [1]	(NA)	175	270	305	1	1	2	3
CISC [2]	(NA)	1,227	2,186	4,057	8	7	14	27
256K DRAM [3] chips	2,442	1,322	622	346	780	621	299	193
1-Megabit DRAM chips	5,599	4,229	3,776	2,919	408	665	835	821

NA Not available. [1] RISC=Reduced Instruction Set Computer. [2] CISC=Complex Instruction Set Computer. [3] DRAM=Dynamic Random Access Memory.

Source: Dataquest, Inc., San Jose, CA, unpublished data.

No. 1258. Computers and Industrial Electronics—Shipments: 1982 to 1991

[In millions of dollars]

ITEM	1982	1983	1984	1985	1986	1987	1988	1989	1990	1991
Total	**55,639**	**60,084**	**73,610**	**74,247**	**73,086**	**79,456**	**82,022**	**85,075**	**84,962**	**83,959**
Computer and peripheral equipment:										
Computers	16,036	17,865	24,401	25,616	26,020	28,975	28,693	28,464	27,559	27,091
Peripheral equipment	18,728	20,844	23,954	23,828	22,195	23,865	25,443	25,729	25,709	25,291
Industrial electronics:										
Controlling, processing equipment	7,363	7,428	8,683	8,719	8,924	9,193	9,861	11,992	12,471	12,105
Testing, measuring equipment	4,695	5,200	6,279	6,008	5,736	6,009	5,807	5,953	5,955	5,768
Nuclear electronic equipment	546	490	480	519	560	601	616	606	651	631
Other electronic equipment	3,869	3,412	4,665	4,530	4,720	5,238	5,588	5,992	5,609	5,539
Electromedical electronic equipment	4,402	4,845	5,148	5,028	4,931	5,576	6,015	6,339	7,010	7,535

Source: Electronic Industries Association, Washington, DC, *Electronic Market Data Book*, annual, (copyright).

No. 1259. Consumer Electronics and Electronic Components—Factory Sales: 1980 to 1991

[In millions of dollars]

PRODUCT	1980	1983	1984	1985	1986	1987	1988	1989	1990	1991
Consumer electronics	**10,891**	**14,560**	**17,594**	**23,652**	**21,480**	**21,835**	**22,139**	**22,340**	**22,602**	**21,977**
Audio systems [1]	809	630	976	1,372	1,370	1,048	1,225	1,217	1,270	1,264
Car audio	1,368	1,900	2,500	2,761	3,135	3,523	3,937	4,125	4,292	4,107
Video disc players	(NA)	81	45	23	26	26	34	50	72	81
Portable audio tape equipment	1,403	1,102	1,191	1,140	1,389	1,469	1,547	1,595	1,645	1,780
Separate audio components	1,424	1,268	913	1,132	1,358	1,715	1,854	1,871	1,935	1,805
Blank audio cassettes	(NA)	234	256	270	300	375	354	367	376	373
Color TV receivers	4,210	5,002	5,538	5,565	6,040	6,303	6,277	6,530	6,247	6,035
Monochrome TV receivers	588	465	419	328	373	341	236	156	132	92
Projection TV	(NA)	268	385	488	529	527	529	478	626	683
VCR decks	621	2,162	3,585	4,739	5,258	3,442	2,848	2,625	2,439	2,454
Camcorders	(NA)	(NA)	(NA)	565	1,280	1,651	1,972	2,007	2,260	2,013
Blank video cassettes	(NA)	580	770	1,055	1,235	1,006	936	923	948	980
Color cameras	(NA)	303	355	228	59	(NA)	(NA)	(NA)	(NA)	(NA)
Home radios	468	565	661	379	408	409	377	379	360	310
Electronic components	**25,571**	**33,856**	**43,306**	**39,459**	**38,829**	**45,335**	**50,988**	**54,937**	**55,094**	**55,974**
Solid state products	9,089	12,570	17,032	14,650	14,408	16,819	19,790	22,376	21,507	21,979
Parts	7,080	8,318	10,155	9,329	9,169	10,664	10,871	10,560	9,976	9,985
Electron tubes	1,744	2,049	2,137	2,055	2,125	2,176	2,289	2,596	2,627	2,564
Other components [2]	7,658	10,919	13,982	13,423	13,121	15,676	18,038	19,405	20,984	21,446

NA Not available. [1] Includes compact and rack systems. [2] Includes sockets, delay lines, loudspeakers, magnetic components, transducers, printed circuit boards, microwave components, assemblies, and parts.

Source: Electronic Industries Association, Washington, DC, *Electronic Market Data Book*, annual, (copyright).

No. 1260. Semiconductors and Related Devices: 1980 to 1992

[In millions of dollars, except percent. Semiconductors and related devices represent SIC 3674]

ITEM	1980	1985	1987	1988	1989	1990	1991	1992
Consumption, North American market [1]	6,053	9,420	12,858	15,844	17,070	16,540	16,990	20,426
Capital expenditures (North America) [2]	1,438	2,629	2,594	3,434	3,875	4,088	3,851	4,132
Percent of sales	22.6	27.9	20.2	21.7	22.7	24.7	22.7	20.2
Japanese capital expenditures as a percent of revenues	17.2	40.0	16.0	21.4	23.3	23.4	(NA)	(NA)
R&D (North America)	423	1,159	1,448	1,661	(NA)	(NA)	(NA)	(NA)
Imports, total [3]	**2,223**	**4,870**	**6,656**	**9,502**	**10,758**	**(NA)**	**(NA)**	**(NA)**
Integrated circuits	1,909	4,365	6,000	8,683	9,957	(NA)	(NA)	(NA)
Transistors	193	242	318	402	401	(NA)	(NA)	(NA)
Diodes and rectifiers	121	263	338	417	400	(NA)	(NA)	(NA)
Shipments [4]	9,455	15,253	17,929	20,332	23,488	23,978	26,302	25,813
Integrated microcircuits	6,768	10,872	13,300	14,857	16,682	16,372	19,151	18,456
Semiconductor devices, n.e.c. [5]	1,398	2,569	2,586	3,337	4,875	5,584	5,761	5,962
Assets, beginning of year	4,014	12,200	16,515	(NA)	(NA)	(NA)	(NA)	(NA)
New capital expenditures	1,596	2,832	1,921	2,681	3,132	3,439	2,945	(NA)
Used capital expenditures	40	390	94	56	46	37	108	(NA)
Retirements	230	896	1,442	(NA)	(NA)	(NA)	(NA)	(NA)
Assets, end of year	5,420	14,526	17,088	(NA)	(NA)	(NA)	(NA)	(NA)
Depreciation charges	601	1,512	1,719	(NA)	(NA)	(NA)	(NA)	(NA)
Rental payments	74	184	203	(NA)	(NA)	(NA)	(NA)	(NA)

NA Not available. [1] Source: Dataquest Inc., San Jose, CA, unpublished data. Revenue from shipments by all companies into Canada and the United States. [2] Capital expenditures by all companies in Canada and the United States. [3] Imports for consumption. Includes imports not shown separately. [4] Includes items not shown separately. [5] N.e.c.=Not elsewhere classified.

Source: Except as noted, U.S. Bureau of the Census, *Current Industrial Reports*, series MA-36Q; *U.S. Imports, FT 210, 1980-1988; Import CD-ROM Disc 1989;* and *Annual Survey of Manufactures.*

No. 1261. Machine Tools—New Orders and Shipments: 1970 to 1993

[**In millions of dollars.** Data represents total industry volume based on reports from over 200 manufacturers]

YEAR	METAL CUTTING TOOLS					METAL FORMING TOOLS				
	New orders (net)		Shipments		Order backlog, end of period	New orders (net)		Shipments		Order backlog, end of period
	Total	Domestic	Total	Domestic		Total	Domestic	Total	Domestic	
1970	651	507	993	827	471	261	227	450	412	235
1971	609	524	672	554	408	252	223	326	286	162
1972	1,009	877	714	627	702	403	368	304	267	260
1973	1,825	1,550	1,074	935	1,454	787	717	427	388	621
1974	2,017	1,716	1,445	1,241	2,025	566	470	585	522	600
1975	916	781	1,879	1,548	1,062	361	284	573	485	388
1976	1,662	1,477	1,482	1,270	1,243	541	485	578	474	351
1977	2,202	1,981	1,651	1,470	1,794	793	729	630	560	515
1978	3,373	3,043	2,189	1,960	2,981	973	901	825	729	663
1979	4,495	3,866	2,930	2,606	4,546	1,126	991	947	860	843
1980	3,885	3,496	3,681	3,206	4,750	870	744	1,011	879	701
1981	2,228	1,946	4,105	3,552	2,873	717	617	991	824	427
1982	1,064	890	2,895	2,599	1,043	433	372	710	600	151
1983	1,152	1,069	1,372	1,200	823	545	489	474	430	222
1984	1,916	1,700	1,607	1,484	1,132	1,000	932	679	609	542
1985	1,853	1,652	1,742	1,549	1,243	675	610	803	743	414
1986	1,544	1,377	1,890	1,685	897	581	507	688	621	307
1987	1,451	1,294	1,677	1,499	672	667	536	647	538	327
1988	2,708	2,316	1,575	1,400	1,806	883	749	825	702	386
1989	1,977	1,723	2,359	2,059	1,423	832	719	837	704	380
1990	2,070	1,772	2,330	2,004	1,164	894	761	970	851	304
1991	1,894	1,549	1,872	1,595	1,186	748	546	802	625	251
1992	1,756	1,532	1,918	1,605	1,025	726	609	678	547	299
1993	2,237	2,106	2,091	1,883	1,170	945	807	1,043	881	201

Source: The Association For Manufacturing Technology, McLean, VA, *The Economic Handbook of The Machine Tool Industry,* annual, (copyright).

No. 1262. Manufacturers' Shipments, Inventories, and Orders: 1950 to 1992

[**In billions of dollars, except ratio.** See also *Historical Statistics, Colonial Times to 1970,* series P 74-92]

YEAR	Shipments	Inventories (Dec. 31) [1]	Ratio of inventories to shipments [2]	New orders	Unfilled orders (Dec. 31)	YEAR	Shipments	Inventories (Dec. 31) [1]	Ratio of inventories to shipments [2]	New orders	Unfilled orders (Dec. 31)
1950	224	32	1.41	242	41	1972	756	108	1.58	770	120
1951	261	39	1.78	287	67	1973	875	124	1.63	913	158
1952	270	42	1.71	279	76	1974	1,018	158	1.86	1,047	187
1953	298	44	1.90	283	60	1975	1,039	160	1.77	1,023	171
1954	280	42	1.71	268	48	1976	1,186	175	1.66	1,194	180
1955	318	45	1.63	330	60	1977	1,358	188	1.58	1,381	202
1956	333	51	1.74	340	68	1978	1,523	209	1.55	1,580	259
1957	345	52	1.90	331	53	1979	1,727	239	1.61	1,771	303
1958	327	50	1.75	324	47	1980	1,853	262	1.61	1,876	326
1959	363	53	1.68	369	52	1981	2,018	280	1.74	2,015	323
1960	371	54	1.79	363	45	1982	1,960	307	1.91	1,947	309
1961	371	55	1.67	373	47	1983	2,071	308	1.80	2,105	343
1962	400	58	1.76	401	48	1984	2,288	334	1.78	2,315	370
1963	421	60	1.66	426	53	1985	2,334	330	1.72	2,348	384
1964	448	63	1.62	460	65	1986	2,336	318	1.66	2,342	390
1965	492	68	1.58	505	79	1987	2,476	333	1.64	2,513	427
1966	538	78	1.70	557	97	1988	2,682	361	1.64	2,724	469
1967	558	84	1.71	565	104	1989	2,793	380	1.66	2,831	507
1968	603	90	1.76	608	110	1990	2,874	392	1.66	2,888	522
1969	642	98	1.81	647	115	1991	2,826	380	1.64	2,812	508
1970	634	101	1.91	625	106	1992	2,934	373	1.55	2,901	475
1971	671	102	1.76	672	107						

[1] Beginning in 1982, inventories are stated at current cost and are not comparable to the book value estimates for prior years. [2] Ratio based on December seasonally adjusted data.

Source: U.S. Bureau of the Census, Current Industrial Reports, *Manufacturers' Shipments, Inventories, and Orders: 1982-1992,* series M3; and monthly press releases.

No. 1263. Value of Manufactures Shipments and Inventories, by Industry: 1980 to 1992

[**In billions of dollars.** Based on 1987 Standard Industrial Classification (SIC). See also *Historical Statistics, Colonial Times to 1970*, series P 74-79]

SIC code	INDUSTRY	1980	1985	1988	1989	1990	1991	1992
(X)	**Shipments**	**1,952.7**	**2,334.5**	**2,682.5**	**2,792.7**	**2,873.5**	**2,826.2**	**2,934.1**
(X)	Durable goods [1]	929.0	1,215.4	1,415.9	1,460.4	1,468.6	1,429.8	1,506.6
32	Stone, clay, and glass products	44.5	55.8	63.1	63.6	63.5	59.6	66.6
33	Primary metals	134.1	112.3	149.1	153.0	146.1	132.8	135.9
34	Fabricated metal products	116.1	143.3	158.8	162.2	163.1	157.1	160.5
35	Industrial machinery and equipment	180.6	218.4	243.3	253.6	256.3	243.5	253.4
351	Engines and turbines	13.7	15.1	16.2	16.9	16.6	16.6	16.8
353	Construction, mining [2]	33.6	27.6	27.7	29.5	30.7	27.7	25.2
357	Computer and office equipment	30.4	60.4	67.6	65.4	64.1	58.8	65.6
36	Electronic and other	112.9	164.0	186.9	192.3	194.8	197.9	209.4
361-2	Elec. transmission and distribution	20.1	23.8	25.9	27.4	27.9	27.0	27.7
363	Household appliances	12.9	16.1	17.3	18.3	18.0	17.7	18.2
365	Household audio and video equipment	8.5	11.5	8.4	9.1	9.3	9.8	11.0
366	Communications equipment	21.3	35.4	36.1	35.1	38.5	37.9	42.3
367	Electronic components	26.7	42.2	57.0	59.9	60.8	65.2	69.7
37	Transportation equipment [1]	186.5	307.4	354.0	366.0	367.9	364.0	391.3
371	Motor vehicles and parts	104.6	193.4	221.6	225.6	215.0	206.1	235.7
372, 6	Aircraft, missiles, and parts	58.5	91.3	107.7	113.5	125.2	131.3	128.0
38	Instruments and related products [1]	59.8	96.2	114.5	118.5	123.8	127.2	127.3
382	Measuring and controlling devices	15.7	25.9	28.8	29.6	31.5	32.3	33.6
(X)	Nondurable goods [1]	923.7	1,119.1	1,266.6	1,332.3	1,404.9	1,396.4	1,427.5
20	Food and kindred products [1]	256.2	308.6	351.5	364.4	384.0	387.6	395.0
208	Beverages	33.0	43.7	49.7	50.1	52.2	54.6	57.3
21	Tobacco products	12.2	18.6	23.8	25.8	29.9	32.0	33.1
22	Textile mill products	47.3	54.6	64.8	67.3	66.0	65.7	69.9
26	Paper and allied products [1]	72.6	94.7	122.6	131.4	131.4	128.8	131.3
261-3,6	Paper, pulp, paperboard mill products	31.5	39.1	54.9	58.1	57.5	53.7	53.5
265	Paperboard containers and boxes	17.2	23.2	28.2	30.5	30.5	30.6	32.5
28	Chemicals and allied products [1]	168.2	204.8	259.7	278.1	288.2	292.3	301.5
281,2,6,8,9	Industrial chemicals	101.7	114.7	145.5	156.2	157.3	153.9	156.4
283-4	Drugs, soaps, toiletries	41.9	61.3	81.8	88.0	95.2	102.7	110.4
29	Petroleum and coal products	193.0	176.6	131.4	143.7	172.6	158.1	154.7
30	Rubber and plastics products	49.2	75.6	94.2	98.4	101.4	100.7	103.3
(X)	**Inventories (Dec. 31)**	**261.7**	**329.6**	**361.5**	**380.5**	**392.5**	**379.9**	**373.0**
(X)	Durable goods [1]	171.9	214.0	236.5	250.7	254.5	243.8	232.6
32	Stone, clay, and glass products	5.5	6.9	7.4	7.7	8.1	7.8	7.7
33	Primary metals	23.1	19.8	22.3	22.5	22.3	20.3	19.4
34	Fabricated metal products	19.2	22.5	24.4	24.7	24.1	23.0	22.9
35	Industrial machinery and equipment	40.3	45.6	46.5	48.7	48.0	46.5	44.3
351	Engines and turbines	2.6	2.7	3.1	3.0	3.2	3.2	3.2
353	Construction, mining [2]	9.2	7.8	6.6	6.6	6.7	6.4	5.8
357	Computer and office equipment	8.0	11.5	11.2	11.6	10.4	10.3	9.8
36	Electronic and other	21.3	29.8	30.7	32.2	31.7	30.6	30.4
361-2	Elec. transmission and distribution	3.9	4.7	4.7	4.7	4.7	4.4	4.2
363	Household appliances	1.8	2.5	2.7	3.0	2.8	2.3	2.2
365	Household audio and video equipment	1.3	1.3	1.0	1.1	1.1	1.1	1.0
366	Communications equipment	5.0	8.0	6.6	7.0	7.1	7.1	7.4
367	Electronic components	5.2	7.5	9.0	9.6	9.5	9.6	9.5
37	Transportation equipment [1]	35.3	51.5	61.4	70.5	75.0	72.0	65.2
371	Motor vehicles and parts	9.6	11.8	12.1	11.8	13.0	12.5	11.3
372, 6	Aircraft, missiles, and parts	21.7	36.2	45.4	54.5	57.6	55.3	49.8
38	Instruments and related products [1]	12.9	21.0	24.3	24.7	24.8	23.6	22.5
382	Measuring and controlling devices	4.2	6.2	6.6	6.9	7.0	6.6	6.5
(X)	Nondurable goods [1]	89.8	115.6	125.0	129.7	138.0	136.2	140.4
20	Food and kindred products [1]	22.4	24.4	27.4	27.7	29.4	29.8	30.0
208	Beverages	3.8	4.7	4.9	4.9	5.1	5.2	5.3
21	Tobacco products	3.9	6.3	5.5	5.7	6.1	6.5	6.8
22	Textile mill products	6.5	7.2	8.1	8.3	8.4	8.2	8.7
26	Paper and allied products [1]	7.7	10.1	12.4	13.2	13.4	13.4	13.3
261-3,6	Paper, pulp, paperboard mill products	2.9	3.8	4.4	4.9	5.2	5.5	5.5
265	Paperboard containers and boxes	1.9	2.5	3.3	3.5	3.3	3.3	3.3
28	Chemicals and allied products [1]	19.9	26.0	29.4	30.8	33.2	33.5	34.8
281,2,6,8,9	Industrial chemicals	10.7	14.0	15.3	16.1	17.6	17.2	17.4
283-4	Drugs, soaps, toiletries	5.9	7.8	9.9	10.3	11.0	11.9	13.0
29	Petroleum and coal products	9.6	13.7	9.0	10.4	13.1	11.3	11.2
30	Rubber and plastics products	6.3	9.1	11.1	11.4	11.8	11.3	11.9

X Not applicable. [1] Includes industries not shown separately. [2] Also includes material handling industries.

Source: U.S. Bureau of the Census, Current Industrial Reports, *Manufactures' Shipments, Inventories, and Orders: 1982-1992*, and monthly press releases.

No. 1264. Fiber, Rugs, Carpeting, and Sheets—Shipments: 1986 to 1992

PRODUCT	Unit	1986	1987	1988	1989	1990	1991	1992
All fibers [1]	Mil. lbs.	677	720	730	743	812	837	(NA)
Raw wool [2 3]	Mil. lbs.	137	143	133	135	133	152	(NA)
Noils, and fiber [4]	Mil. lbs.	35	30	24	24	20	21	(NA)
Other fibers	Mil. lbs.	505	548	573	584	659	664	(NA)
Knit fabric production	Mil. lbs.	1,757	1,737	1,662	1,935	1,901	1,963	2,081
Rugs, carpet and carpeting	Mil. dol.	7,312	7,929	8,417	8,431	8,527	7,980	8,712
Sheets	1,000 doz	15,053	15,361	15,505	15,663	15,408	14,001	15,198
Pillow cases	1,000 doz	12,372	12,627	12,564	13,089	12,665	11,301	12,523
Terry towels	1,000 doz	50,182	52,425	47,179	62,741	42,376	43,158	48,789

NA Not available. [1] Includes man-made fiber top converted from tow without combing. A number of companies were added for 1990 based on information in the 1987 Census of Manufactures. Data were received from these companies for 1990; therefore, the information shown for years prior to 1990 may not be directly comparable. These changes represent approximately 20 percent of the total fibers consumed on the woolen system and worsted combing. [2] Data are shown on a scoured basis for greasy wool. [3] Shorn and pulled wool of sheep excludes raw wool consumed in cotton system spinning to avoid disclosing figures for individual companies. [4] Includes reprocessed and reused wool, mohair, alpaca, vicuna, and other specialty fibers as well as tops and noils consumed in woolen spinning and mohair consumed in worsted combing. Does not include wool tops consumed in cotton system spinning.

Source: U.S. Bureau of the Census, *Current Industrial Reports,* MA22K, MA22Q, and MQ23X, annual.

No. 1265. Glass Containers, Clay Construction Products, and Refractories—Shipments: 1986 to 1992

[In millions of dollars]

PRODUCT	1986	1987	1988	1989	1990	1991	1992
Glass container shipments	(NA)	282	280	286	285	279	283
Brick shipments [1]	(NA)	(NA)	(NA)	1,088	1,014	985	907
Clay tile shipments [2]	(NA)	(NA)	(NA)	698	687	639	640
Clay pipe and fittings shipments	(NA)	(NA)	(NA)	63	60	33	38
Refractory shipments	1,521	1,682	1,950	2,011	2,003	1,947	1,957
Clay	670	740	814	823	771	784	752
Nonclay	851	943	1,136	1,188	1,232	1,163	1,205

NA Not available. [1] Building or common and face bricks. [2] Floor and wall tile including quarry tile.

Source: U.S. Bureau of the Census, *Current Industrial Reports,* M32G, MQ32D, and MA32C, annual.

No. 1266. Mining and Mineral Processing Equipment—Shipments: 1991 and 1992

Product code	PRODUCT	Number of companies	QUANTITY (units)		VALUE (mil. dol.)	
			1991	1992	1991	1992
3531K	Portable crushing, screening, washing, and combination plants	17	471	468	64	65
35325	Underground mining machinery [1]	22	1,877	1,293	318	248
35326	Mineral processing and beneficiation equip. [1]	40	5,364	5,310	75	70
35327	Crushing, pulverizing, and screening machinery [2]	40	2,520	2,469	132	135
35328	Drills, mining machinery, n.e.c. [1 3]	20	15,349	12,749	177	162
3533A	Portable drilling rigs and parts	23	(X)	(X)	262	255

X Not applicable. [1] Excludes parts. [2] Excludes portables and parts. [3] n.e.c. = Not elsewhere classified.

Source: U.S. Bureau of the Census, *Current Industrial Reports,* MA35F, annual.

No. 1267. Inorganic Materials and Pharmaceutical Preparations: 1989 to 1992

Product code	PRODUCT	Unit	1989	1990	1991	1992
	INORGANIC FERTILIZERS					
28731 31	Ammonia, synthetic anhydrous:					
	Total production	1,000 sh. tons	16,467	17,003	17,169	18,295
	Shipments	1,000 sh. tons	9,599	10,382	10,002	10,392
	Shipments value	Mil. dol.	1,010	1,072	1,036	1,095
28731 50	Ammonium nitrate, original solution:					
	Total production	1,000 sh. tons	7,871	7,714	7,819	7,833
28731 57	Ammonium sulfate:					
	Total production	1,000 sh. tons	2,384	2,519	2,243	2,391
	Shipments	1,000 sh. tons	2,282	2,529	2,251	2,239
	Shipments value	Mil. dol.	142	130	130	140
28732	Urea (100%):					
	Total production	1,000 sh. tons	8,004	8,217	8,133	8,981
	Shipments	1,000 sh. tons	5,231	5,362	5,432	5,343
	Shipments value	Mil. dol.	625	640	723	696
28731 11	Nitric acid (100%):					
	Total production	1,000 sh. tons	8,349	7,931	7,927	8,043
	Shipments	1,000 sh. tons	743	647	623	670
	Shipments value	Mil. dol.	85	81	82	85
28741 81	Phosphoric acid (100% P2O5):					
28741 85	Total production	1,000 sh. tons	11,736	12,035	12,109	12,792
	Shipments	1,000 sh. tons	4,307	4,170	4,398	4,375
	Shipments value	Mil. dol.	1,300	1,226	1,282	1,170
28193	Sulfuric acid, gross (100%):					
	Total production	1,000 sh. tons	43,301	44,337	43,466	44,860
	Shipments	1,000 sh. tons	11,842	11,879	11,536	11,000
	Shipments value	Mil. dol.	638	589	587	535
28742	Superphosphates and other fertilizer materials (100% P2O5):					
	Total production	1,000 sh. tons	8,362	8,982	9,044	9,712
	Shipments	1,000 sh. tons	8,247	9,016	9,017	9,687
	Shipments value	Mil. dol.	2,449	2,711	2,832	2,522
	INORGANIC CHEMICAL SHIPMENTS					
2812	Alkalies and chlorine	Mil. dol.	2,989	3,187	3,029	2,845
28121	Chlorine (100% Cl)	Mil. dol.	653	478	260	194
28123	Sodium hydroxide (caustic soda)	Mil. dol.	1,989	2,341	2,387	2,192
28125	Other alkalies	Mil. dol.	340	361	375	452
28120 00	Alkalies and chlorine n.s.k.	Mil. dol.	7	7	7	7
2816	Inorganic color pigments	Mil. dol.	2,195	2,261	2,065	2,443
28161 00	Titanium dioxide (composite and pure) (commodity weight)	Mil. dol.	2,059	2,131	1,949	2,316
2819	Inorganic chemicals n.e.c.	Mil. dol.	12,408	13,612	12,817	12,284
28193	Sulfuric acid, gross (new and fortified)	Mil. dol.	638	589	587	535
28194	Inorganic acids, except nitric, phosphoric and sulfuric	Mil. dol.	588	603	559	491
28195	Aluminum oxide, except natural alumina	Mil. dol.	1,215	1,499	1,081	948
28196	Aluminum compounds	Mil. dol.	577	665	662	576
28197	Potassium and sodium compounds (except bleaches, alkalies, and alums)	Mil. dol.	1,941	1,956	1,892	1,914
28198	Chemical catalytic preparations	Mil. dol.	1,225	1,221	1,238	1,312
28199	Other inorganic chemicals n.e.c.	Mil. dol.	6,018	6,846	6,567	6,288
28190 00	Industrial inorganic chemicals n.s.k.	Mil. dol.	206	232	232	220
28422 00	Household bleaching compounds	Mil. dol.	723	724	826	852
	PHARMACEUTICAL PREP. SHIPMENTS					
28341	Affecting neoplasms, endocrine systems, and metabolic disease	Mil. dol.	2,507	2,743	2,877	3,179
28342	Acting on the central nervous system and sense organs	Mil. dol.	6,441	7,219	7,431	8,103
28343	Acting on the cardiovascular system	Mil. dol.	4,875	4,815	4,810	4,877
28344	Acting on the respiratory system	Mil. dol.	3,286	3,724	4,260	5,024
28345	Acting on the digestive system	Mil. dol.	4,363	4,840	5,625	7,050
28346	Acting on the skin	Mil. dol.	1,452	1,558	1,579	1,687
28347	Vitamin, nutrient, and hematinic preps.	Mil. dol.	2,672	2,588	2,787	2,998
28348	Affecting parasitic and infective disease	Mil. dol.	4,936	5,411	6,006	7,060
28349	Pharmaceutical preps. for veterinary use	Mil. dol.	1,071	1,057	1,462	1,350

Source: U.S. Bureau of the Census, *Current Industrial Reports*, MA28A, MA28B, and MA28G, annual.

No. 1268. Engines, Refrigeration and Heating Equipment, and Pumps and Compressors: 1990 to 1992

Product code	PRODUCT	Unit	1990	1991	1992
(X)	Internal combustion engines produced	1,000	16,969	16,791	18,928
35191	Gasoline (except outboard, aircraft, and auto)	1,000	16,326	16,220	18,299
35193	Nonautomotive diesel (except aircraft)	1,000	206	184	177
35194	Automotive diesel	1,000	433	383	448
35196	Natural gas and LPG	1,000	4	4	4
(X)	Air-conditioning, heating equipment shipments:				
35851	Heat transfer equipment	Mil. dol.	4,308	3,925	4,237
35852	Unitary air-conditioners	Mil. dol.	3,560	3,533	3,685
35854	Compressors and compressor units	Mil. dol.	2,377	2,317	2,646
3561,3 pt.	Pumps and compressors [1]	Mil. dol.	4,797	5,119	5,157
35611	Industrial pumps	Mil. dol.	2,131	2,263	2,202
35613	Domestic water systems	Mil. dol.	264	273	280
35615 pt.	Oil well, oilfield, and other pumps (including laboratory pumps)	Mil. dol.	563	597	591
35631	Compressors and vacuum pumps	Mil. dol.	1,839	1,993	2,078

X Not applicable. [1] Excludes hand pumps, automotive circulating pumps, compressors for icemaking and refrigeration equipment, air conditioning units, and replacements and repair parts for pumps and compressors.

Source: U.S. Bureau of the Census, *Current Industrial Reports,* MA35L, MA35M, and MA35P, annual.

No. 1269. Computers and Office and Accounting Machines—Shipments: 1991 and 1992

Product code	PRODUCT	Number of companies, 1992	QUANTITY (number)		VALUE (mil. dol.)	
			1991	1992	1991	1992
3571	Electronic computers (automatic data processors)	185	(X)	(X)	26,274	27,190
35713	Large-scale processing equipment [1]	27	(NA)	79	(NA)	5,536
35714	Medium- and small-scale processing equipment [2]	38	(NA)	142	(NA)	3,111
35715	Personal computers and workstations	77	(NA)	8,469	(NA)	16,024
35716	Portable computers	25	(NA)	1,173	(NA)	1,331
35721	Computer storage devices and equipment	89	3,811	4,679	5,610	6,056
35722	Parts for computer storage devices and subassemblies	26	(X)	(X)	780	1,132
35751	Computer terminals	72	3,282	3,869	1,730	1,698
35752	Parts for computer terminals	21	(X)	(X)	417	209
35771	Computer peripheral equipment, n.e.c.	238	(X)	(X)	7,764	8,478
35784	Calculating and accounting machines	45	(X)	(X)	974	984
35792	Automatic typing and word processing machines	5	1,734	2,323	417	465
35795	Mailing, letter handling, addressing machines	30	1,116	906	1,125	1,149
35799	Other office machines, n.e.c.	50	(X)	(X)	518	500
36950	Magnetic and optical recording media	57	(X)	(X)	3,894	4,000

NA Not available. X Not applicable. [1] 64 megabytes in MINIMUM main memory configuration. [2] Up to 64 megabytes in MINIMUM main memory configuration.

Source: U.S. Bureau of the Census, *Current Industrial Report,* MA35R, annual.

No. 1270. Metalworking Machinery—Shipments: 1986 to 1992

[In millions of dollars]

Product code	PRODUCT	1986	1987	1988	1989	1990	1991	1992
(X)	Metalworking machinery	2,710	2,669	2,858	3,514	3,426	3,172	3,074
(X)	Metal cutting type	1,912	1,781	1,735	2,429	2,371	2,139	2,000
3541A	Machining centers [1]	213	218	334	442	437	362	378
3541B	Station type machines	518	300	225	563	502	450	435
3541C	Other metal cutting machine tools [2]	148	174	165	174	142	196	167
(X)	Metal forming type	798	888	1,123	1,086	1,065	1,033	1,074

X Not applicable. [1] Multi-function numerically controlled machines. [2] Excludes those designed primarily for home workshops, labs, etc.

Source: U.S. Bureau of the Census, *Current Industrial Reports,* MQ35W, annual.

No. 1271. Switchgear, Switchboard Apparatus, Relays, and Industrial Controls—Shipments: 1987 to 1992

[In millions of dollars]

Product code	PRODUCT	Companies, 1992 (number)	1987	1988	1989	1990	1991	1992
36132	Power circuit breakers	23	373	386	393	388	368	393
36133	Low volt panelboards & dist. boards [1]	117	1,569	1,664	1,747	1,722	1,643	1,613
36134	Fuses and fuse equipment [2]	19	368	390	419	419	409	413
36135	Molded case circuit breakers, 1,000 volts and under	37	879	948	952	959	917	963
36136	Duct [3]	24	132	152	188	194	184	189
36139	Switchgear, except ducts	121	1,049	1,100	1,319	1,324	1,398	1,375
36251	General purpose and other relays	117	889	873	835	805	772	770
36252	Specific purpose industrial controls	196	1,732	1,808	1,928	2,020	1,993	2,098
36253	General purpose industrial controls	255	2,403	2,655	2,971	2,912	2,879	2,783
36254	Motor controller accessories [4]	122	429	459	503	452	434	443

[1] Includes other switching and interruption devices, 1,000 volts and below. [2] Under 2,300 volts, except power distribution cutouts. [3] Includes plug-in units and accessories, 1,000 volts and under, consisting of enclosed sectionalized prefabricated bus bars rated 20 amperes or more, associated structures and fittings. [4] Includes parts for industrial controls.

Source: U.S. Bureau of the Census, *Current Industrial Reports*, MA36A, annual.

No. 1272. Selected Industrial Air Pollution Control Equipment—Shipments: 1992

[Quantity in number of units, value in millions of dollars]

Product code	PRODUCT	Number of companies	NEW ORDERS		SHIPMENTS		BACKLOG (Dec. 31)	
			Quantity	Value	Quantity	Value	Quantity	Value
35646	Selected industrial air pollution control equip.	100	(X)	781	(X)	713	(X)	754
(X)	Particulate emissions collectors	(X)	(X)	422	(X)	463	(X)	255
35646 51	Electrostatic precipitators	19	225	124	236	153	86	138
35646 54	Fabric filters	51	43,361	219	42,059	228	5,530	62
35646 55	Mechanical collectors	35	3,674	40	3,597	43	703	18
35646 58	Wet scrubbers	32	1,225	40	1,101	39	690	38
(X)	Gaseous emissions control devices	(X)	(X)	292	(X)	197	(X)	423
35646 70	Catalytic oxidation systems	7	124	22	104	19	66	11
35646 72	Thermal and direct oxidation systems	11	263	31	258	29	62	12
35646 73	Scrubbers (gas absorber)	12	812	34	597	20	302	18
35646 75	Dry flue gas desulfurization systems	9	29	181	28	120	34	339
35646 76	Gas absorbers	8	46	25	37	9	26	43
35646 79	Other types of industrial air pollution control equip.	19	(X)	67	(X)	53	(X)	76

X Not applicable.

Source: U.S. Bureau of the Census, *Current Industrial Reports*, MA35J, annual.

No. 1273. Fluid Power Products—Shipments: 1987 to 1992

[In millions of dollars. Includes aerospace]

Product code	PRODUCT	1987	1988	1989	1990	1991	1992
	Fluid power products, incl. aerospace	6,166	6,785	6,915	7,207	6,477	6,249
34921	Hydraulic valves, nonaerospace type	554	615	629	663	606	626
34922	Pneumatic valves, nonaerospace type	392	445	463	458	434	463
34923	Aerospace type hydraulic & pneumatic valves	387	400	451	498	527	439
34924	Fittings for metal and plastic tubing [1]	398	460	505	500	471	455
34925	Hydraulic and pneumatic fittings and couplings for hose (nonaerospace)	605	649	625	620	552	575
34926	Hydraulic and pneumatic hose or tube end fitting and assemblies (aerospace)	250	327	336	394	386	343
34927	Parts for hydraulic & pneumatic valves	183	219	206	209	161	97
35692	Filters for hydraulic and pneumatic fluid power systems	284	310	352	385	410	384
	Hydraulic and pneumatic cylinders etc.:						
35931	Nonaerospace	794	907	909	941	865	931
35932	Aerospace	637	636	646	636	510	412
35933	Parts for hydraulic and pneumatic cylinders [2]	289	291	281	264	204	169
35941	Hydraulic fluid power pumps and motors	1,052	1,178	1,180	1,240	997	999
35942	Parts for pumps and motors	340	348	333	399	354	356

[1] Used in fluid and power transfer systems (nonaerospace). [2] Includes parts for actuators, accumulators, cushions, and nonvehicular shock absorbers.

Source: U.S. Bureau of the Census, *Current Industrial Reports*, MA35N, annual.

No. 1274. Selected Instruments and Related Products—Shipments: 1986 to 1992

[In millions of dollars]

Product code	PRODUCT	1986	1987	1988	1989	1990	1991	1992
34918	Automatic regulating and control valves	1,302	1,221	1,262	1,331	1,418	1,537	1,569
34919	Solenoid-operated valves (except nuclear and fluid power transfer)	285	327	338	374	346	360	404
38121	Aeronautical, nautical, and navigational instruments	1,789	2,270	2,365	2,521	2,518	2,672	2,431
38122	Search & detection, navigation & guidance systems and equipment	29,504	30,911	31,145	30,840	32,420	31,774	30,279
38210	Laboratory apparatus and laboratory furniture [1]	1,330	1,549	1,565	1,698	1,675	1,612	1,681
38220	Controls for monitoring residential and commercial environments and appliance	1,966	2,093	2,207	2,224	1,982	1,982	2,156
38230	Process control instruments	3,895	4,084	4,348	4,743	5,224	5,230	5,408
38242	Integrating and totalizing meters for gas and liquids	526	589	610	647	725	698	721
38243	Counting devices	177	198	193	206	210	226	269
38244	Motor vehicle instruments [2]	197	232	682	637	1,457	1,330	1,395
38251	Integrating instruments, electrical	403	401	388	401	396	390	426
38252	Test equipment for testing electrical, radio and communication circuits, and motors	5,592	6,144	6,248	6,134	6,156	6,525	6,306
38253	Instruments to measure electricity	617	647	663	620	586	584	548
38260	Analytical, scientific instruments (except optical)	2,532	3,046	3,442	4,042	4,412	4,519	4,651
38271	Sighting, tracking, and fire-control equipment, optical type	651	726	609	595	581	547	493
38274	Optical instruments and lenses [3]	1,245	1,215	1,270	1,274	1,252	1,292	1,342
38291	Aircraft engine instruments (except flight)	505	520	505	508	579	682	591
38292	Physical properties and kinematic testing equip.	775	859	894	946	1,012	1,024	1,106
38294	Nuclear radiation detection and monitoring instruments	587	637	654	606	567	570	581
38295	Commercial, geophysical, meteorological, and general purpose instruments	317	358	1,072	1,035	1,140	1,335	1,353
38296	Surveying and drafting instruments	230	247	270	270	274	235	266

[1] Beginning 1987, includes laboratory furniture. Prior to 1987, laboratory furniture was included in product class 38296. [2] Beginning 1990, includes some data previously classified in product class 37149, "Other motor vehicle parts and accessories, new, n.e.c." [3] Beginning 1992, product classes 38272, "Binoculars and astonomical instruments," and 38273, "Other optical instruments and lenses" were combined into product class 38274; prior years have been restated to reflect revision.

Source: U.S. Bureau of the Census, *Current Industrial Reports*, MA38B, annual.

No. 1275. Robots—Shipments: 1987 to 1989

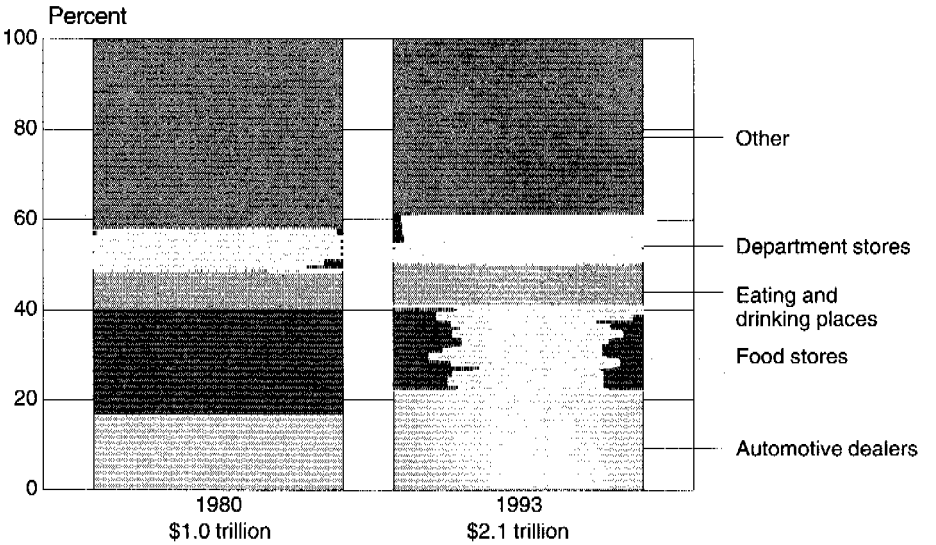
[Based on a survey of all known manufacturers of robots, robot accessories, and components. Shipment value represents the net sales price, f.o.b. plant, to the customer or branch to which the products are shipped, net of discounts, allowances, freight charges and returns. A robot is a reprogrammable multifunctional manipulator designed to move materials, parts, tools, or specialized devices through variable programmed motions for the performance of a variety of tasks]

ROBOTS, ACCESSORIES, AND COMPONENTS	QUANTITY (number)			VALUE (mil. dol.)		
	1987	1988	1989	1987	1988	1989
Robots, robot accessories, and components	(X)	(X)	(X)	264	238	256
Robots, complete	6,037	4,603	2,217	220	164	151
Servo-controlled robots	2,677	2,072	1,840	203	138	136
Point-to-point type:						
Welding, soldering, brazing, and/or cutting (welding type)	675	304	273	65	32	29
Foundry, forging, and/or heat treating [1]	28	31	34	3	3	9
Assembly for nonelectronic and electronic products	535	296	238	20	8	8
Material handling and/or parts transfer	726	247	162	48	27	26
Continuous-path type:						
Welding, soldering, brazing, and/or cutting	110	79	31	9	4	2
Spraying, painting, gluing, and/or sealing	297	292	254	41	30	35
Fettling, grinding, polishing, and/or deburring [2]	306	823	848	17	33	26
Nonservo-controlled robots	215	336	377	8	17	15
Other robots	3,145	2,195	(3)	9	9	(3)
Robot accessories, subassemblies, etc	(X)	(X)	(X)	65	74	105
Miscellaneous receipts	(X)	(X)	(X)	8	6	3

X Not applicable. [1] Includes all point-to-point robots, except assembly, material handling, and/or parts transfer. [2] Includes other continuous-path type, not elsewhere classified. [3] Beginning 1989, data no longer available for other robots which included education hobby, experimental, and nonindustrial robots.

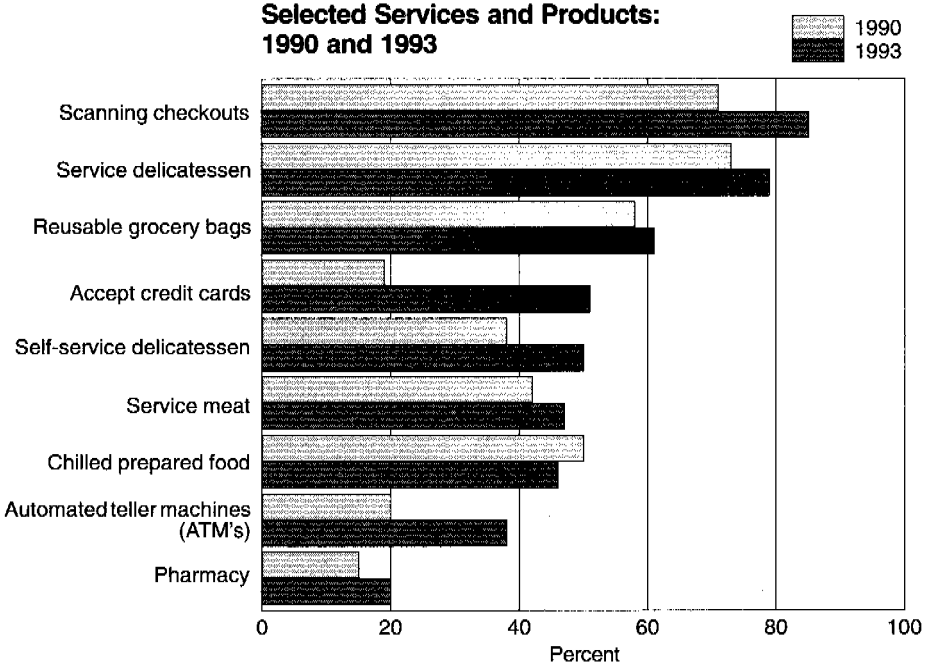
Source: U.S. Bureau of the Census, *Current Industrial Reports*, MA35X(89-1).

Figure 27.1
Distribution of Retail Sales, by Kind of Business: 1980 and 1993



Source: Chart prepared by U.S. Bureau of the Census. For data, see table 1281.

Figure 27.2
Percent of Supermarkets Offering Selected Services and Products: 1990 and 1993



Source: Chart prepared by U.S. Bureau of the Census. For data, see table 1286.

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 gross product in trade and service industries usually appear in the *Survey of Current Business*, issued by the U.S. 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.

In Brief

Retail sales, 1993:

Total	*$2.1 trillion*
Automotive dealers	*$.5 trillion*
Food stores	*$.4 trillion*

Annual receipts of taxable service firms ($ billions):

	1985	1992
Business services	*156*	*303*
Health services	*147*	*285*

Censuses.—Censuses of retail trade and wholesale trade have been taken at various intervals since 1929. Limited coverage of the service industries started in 1933. Beginning with the 1967 census, legislation provides for a census of each area to be conducted every 5 years (for years ending in "2" and "7"). The industries covered in the censuses and surveys of business are those classified in three divisions defined in the *Standard Industrial Classification Manual* (see text, section 13). *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 businesses.

Beginning with the 1954 Censuses of Retail Trade and Service Industries, data for nonemployer establishments are included and published separately. The census of wholesale trade excludes establishments with no paid employees. Beginning in 1977, sales taxes and finance charges are excluded from sales (or receipt) figures of the three censuses. In 1982 and prior censuses, the count of establishments represented the number in business at the end of the year. For 1987, the count of establishments represents those in business at any time during 1987.

The 1987 Census of Service Industries includes hospitals whereas the 1982 census did not. For 1987, hospitals operated by governmental organizations are included. Government-operated facilities in other service kind-of-business classifications are excluded from the census. In 1982 and 1987, data were not collected for elementary and secondary schools, colleges and universities, labor unions and similar organizations, and political organizations.

The census of retail trade beginning in 1977, excludes nonemployer direct sellers. Beginning 1982, the census treated each leased department in a store as a separate establishment and classified it according to the kind of business it conducted. In prior years, data for leased departments were consolidated with the data for stores in which they were located.

Current surveys.—Current sample surveys conducted by the Bureau of the Census cover various aspects of the retail and wholesale trade and selected service industries. Its *Monthly Retail Trade Report* contains monthly estimates of sales, inventories, inventory/sales ratios, and sales of organizations operating 11 or more retail stores, for the United States, by kind of business. In addition, monthly retail sales data for census

regions and divisions, large States, metropolitan areas, and cities are included. Annual figures on sales, year-end inventories, and sales/inventory ratios, by kind of business, appear in the *Combined Annual and Revised Monthly 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 major summary groups—durable and nondurable—and selected kinds of business. Merchant wholesalers are those wholesalers who take title to the goods they sell (e.g., jobbers, exporters, importers, major distributors). These data, based on reports submitted by a sample of firms, appear in the *Monthly Wholesale Trade Report.* Annual figures on sales, sales-inventory ratios, and year-end inventories appear in the *Combined Annual and Revised Monthly Wholesale Trade Report.* The *Service Annual Survey* provides annual estimates of receipts for selected service kinds of business for the United States as a whole.

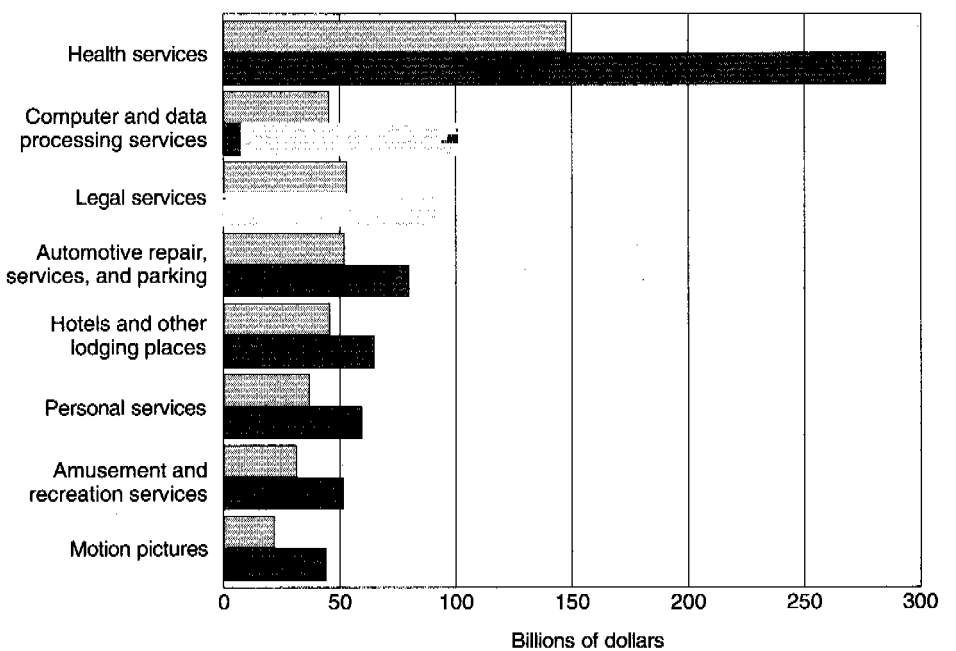
For the current sample survey programs, retail trade coverage is the same as for the census; wholesale trade coverage is limited to merchant wholesalers; and selected services coverage is less inclusive than the census.

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 sampling units 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 IV.

Figure 27.3
Service Industries—Annual Receipts of Taxable firms: 1985 and 1992



Source: Chart prepared by U.S. Bureau of the Census. For data, see table 1305.

No. 1276. Gross Domestic Product in Domestic Trade and Service Industries in Current and Constant (1987) Dollars: 1987 to 1991

[**In billions of dollars, except percent.** For definition of gross domestic product, see text, section 14. Based on 1987 Standard Industrial Classification]

INDUSTRY	CURRENT DOLLARS				CONSTANT (1987) DOLLARS			
	1987	1989	1990	1991	1987	1989	1990	1991
Wholesale and retail trade	**744.8**	**854.1**	**878.8**	**907.2**	**744.9**	**808.4**	**797.6**	**800.5**
Percent of gross domestic product	16.4	16.3	15.8	15.9	16.4	16.7	16.3	16.5
Wholesale trade	303.1	351.6	363.0	375.1	303.1	324.5	319.5	326.4
Retail trade	441.8	502.5	515.7	532.1	441.8	483.9	478.1	474.1
Services	**782.5**	**948.8**	**1,040.0**	**1,089.8**	**782.5**	**845.7**	**869.4**	**866.7**
Percent of gross domestic product	17.2	18.1	18.8	19.0	17.2	17.5	17.8	17.8
Hotels and other lodging places	42.6	49.3	49.9	52.0	42.6	46.0	45.0	46.9
Personal services	31.0	35.4	36.3	36.5	31.0	32.2	31.0	29.5
Business services	141.6	175.5	198.2	201.8	141.6	163.2	172.6	167.9
Auto repair, services, and garages	38.2	42.9	46.2	47.9	38.2	38.2	38.9	38.7
Miscellaneous repair services	13.7	16.3	17.1	16.1	13.7	16.0	15.9	14.4
Motion pictures	13.7	17.4	18.6	18.4	13.7	15.5	15.5	14.6
Amusement and recreation services	28.1	34.6	40.2	44.0	28.1	31.3	34.6	36.2
Health services	228.9	273.0	304.4	333.0	228.9	233.3	241.4	245.8
Legal services	61.1	73.0	79.6	81.9	61.1	65.7	66.1	64.1
Educational services	30.3	36.3	38.1	42.5	30.3	32.2	32.1	33.9
Social services, membership organizations	45.7	56.0	60.6	64.8	45.7	52.3	55.0	56.8
Other services	100.0	130.3	141.3	141.8	100.0	111.1	112.3	109.6
Private households	7.7	8.9	9.4	9.2	7.7	8.7	8.9	8.2

Source: U.S. Bureau of Economic Analysis, *Survey of Current Business*, November 1993.

No. 1277. Retail Trade—Summary: 1958 to 1987

[1972 through 1982 based on 1972 Standard Industrial Classification (SIC) code; 1987 based on 1987 SIC code. Prior years based on earlier editions of SIC. Comparability of data over time is affected by changes in the SIC code. See also *Historical Statistics, Colonial Times to 1970*, series T 43-47 and T 79-91]

ITEM	Unit	1958	1963	1967	1972	1977	1982	1987
Firms, total [1]	1,000	(NA)	1,532	1,577	1,665	1,587	1,573	1,992
Multiunit establishments [1,2]	1,000	(NA)	240	234	301	343	415	498
Establishments, total [1]	1,000	1,795	1,708	1,763	1,780	1,855	1,923	2,420
With payroll	1,000	1,185	1,206	1,192	1,265	1,304	1,324	1,504
With sales of $1,000,000 or more	1,000	(NA)	(NA)	(NA)	74	119	193	259
Consumer Price Index: [3]								
All items	1982-84=100	28.9	30.6	33.4	41.8	60.6	96.5	113.6
All commodities	1982-84=100	33.3	34.4	36.8	44.5	64.2	97.0	107.7
Sales	Bil. dol.	200	244	310	457	723	1,066	1,540
By establishments with payroll	Bil. dol.	188	233	295	440	700	1,039	1,493
By multiunit establishments [2]	Bil. dol.	[4]67	90	124	202	341	567	844
Percent of total sales	Percent	33.5	36.6	39.8	44.0	47.1	53.2	56.5
Percent of multiunit sales by 100-or-more establishment multiunits [2,5]	Percent	42.4	43.1	46.7	55.8	55.8	54.5	54.6
In 1982 dollars [6]	Bil. dol.	(NA)	645	764	943	1,054	1,066	1,393
Percent of sales by corporations	Percent	53.0	61.9	67.4	76.4	79.8	84.6	88.9
Per capita sales: [7]								
Current dollars	Dollars	1,156	1,296	1,571	2,186	3,291	4,599	6,328
Constant (1982) dollars [6]	Dollars	(NA)	3,423	3,869	4,508	4,798	4,599	5,722
Sales as percent of personal income	Percent	[4]55.5	52.4	49.3	48.1	46.9	41.5	40.9
Sales, inside metropolitan areas [8]	Bil. dol.	[4]133	170	221	(NA)	552	845	[9]1,230
Percent of total sales	Percent	66.4	69.5	71.4	(NA)	76.3	79.3	[9]82.4
Payroll, entire year	Bil. dol.	21.7	27.6	36.2	55.4	85.9	123.6	177.5
Percent of sales	Percent	[4]11.5	11.3	11.7	12.1	11.9	11.6	11.5
Paid employees, March 12 pay period [10]	1,000	7,942	8,410	9,381	11,211	13,040	14,468	17,760

NA Not available. [1] Through 1982, represents the number of establishments and firms in business at the end of the year. For 1987, represents the number of establishments and firms in business at any time during year. [2] Establishments operated by firms which operate at two or more locations. [3] Source: U.S. Bureau of Labor Statistics, *Monthly Labor Review*. Beginning 1982, CPI-U annual averages, see text, section 14. [4] Excludes Alaska and Hawaii. [5] Prior to 1982, data provided for percent of multiunit sales by 101-or-more establishment units. [6] Based on implicit price deflators for retail sales supplied by U.S. Bureau of Economic Analysis. [7] Based on estimated resident population as of July 1. [8] Through 1982 based on Standard Metropolitan Statistical Area definitions. Data for 1987 based on Metropolitan Statistical Area definitions. See Appendix II. [9] Covers only establishments with payroll. [10] 1958 and 1963 data for week including November 15.

Source: Except as noted, U.S. Bureau of the Census, *U.S. Census of Business: 1958*, vol. I; *1963*, vol. I; *1967*, vol. I; and *Census of Retail Trade, 1972*, RC72-S-1; *1977*, RC77-52; *1982*, RC82-A-52 and RC82-I-1; and *1987*, RC87-A-52, RC87-N-1, and RC87-S-1.

No. 1278. Retail Trade—Establishments, Employees, and Payroll: 1990 and 1991

[Excludes government employees, railroad employees, self-employed persons, etc. For statement on methodology, see Appendix III]

KIND OF BUSINESS	1987 SIC code [1]	ESTABLISHMENTS (1,000)		EMPLOYEES (1,000)		PAYROLL (bil. dol.)	
		1990	1991	1990	1991	1990	1991
Retail trade, total	(G)	**1,529.7**	**1,547.3**	**19,815**	**19,600**	**241.7**	**247.0**
Building materials and garden supplies [2]	52	71.9	71.7	703	685	11.9	12.0
Lumber and other building materials	521	27.5	27.4	403	394	7.5	7.6
Paint, glass, and wallpaper stores	523	10.2	10.3	54	51	0.9	0.9
Hardware stores	525	19.0	18.9	143	141	1.9	1.9
Retail nurseries and garden stores	526	10.1	10.2	76	72	1.0	1.0
General merchandise stores [2]	53	36.6	36.9	2,135	2,093	22.9	23.4
Department stores	531	10.1	10.2	1,710	1,646	18.3	18.4
Variety stores	533	10.0	9.9	109	99	1.0	0.9
Misc. general merchandise stores	539	15.0	15.6	310	342	3.6	4.0
Food stores [2]	54	186.1	187.8	3,124	3,114	35.8	37.4
Grocery stores	541	132.5	133.3	2,757	2,748	32.4	33.7
Meat and fish markets	542	9.3	9.2	54	52	0.6	0.7
Retail bakeries	546	19.9	20.8	176	175	1.5	1.6
Automotive dealers and service stations [2]	55	207.3	204.5	2,104	2,006	40.0	39.1
New and used car dealers	551	26.1	25.8	917	865	23.9	23.1
Used car dealers	552	14.3	14.7	56	54	1.0	1.0
Auto and home supply stores	553	43.4	43.7	305	299	5.1	5.2
Gasoline service stations	554	104.8	101.9	701	674	7.5	7.5
Apparel and accessory stores [2]	56	150.2	147.6	1,193	1,194	12.2	12.2
Men's and boys' clothing stores	561	14.7	14.0	108	101	1.5	1.4
Women's clothing stores	562	50.2	48.8	439	445	4.0	4.0
Women's accessory and specialty stores	563	7.7	7.9	46	44	0.5	0.5
Family clothing stores	565	17.8	18.0	283	293	3.0	3.0
Shoe stores	566	37.4	36.5	206	196	2.2	2.1
Misc. apparel and accessory stores	569	9.1	9.3	47	48	0.5	0.5
Furniture and homefurnishings stores [2]	57	108.1	110.7	749	746	12.3	12.7
Furniture and homefurnishings stores [2]	571	61.1	62.2	430	414	7.2	7.1
Furniture stores	5712	30.8	31.4	245	237	4.3	4.2
Floor covering stores	5713	13.2	13.5	77	73	1.5	1.5
Misc. homefurnishings stores	5719	13.3	13.6	92	89	1.1	1.1
Household appliance stores	572	10.0	10.0	63	61	1.1	1.1
Radio, television, and computer stores [2]	573	34.2	35.8	245	260	3.9	4.4
Radio, TV, and electronic stores	5731	16.5	16.9	120	125	2.1	2.2
Computer and software stores	5734	5.1	6.0	33	40	0.8	1.0
Record and prerecorded tape stores	5735	7.1	7.6	60	64	0.6	0.6
Eating and drinking places [2]	58	402.6	415.2	6,461	6,416	49.6	51.4
Eating places	5812	286.8	280.2	5,700	5,460	43.8	44.0
Drinking places	5813	43.8	41.4	267	251	2.0	2.0
Miscellaneous retail [2]	59	349.0	354.7	2,487	2,504	33.2	34.6
Drug stores and proprietary stores	591	50.0	49.1	593	609	8.3	9.0
Liquor stores	592	30.8	30.6	141	136	1.6	1.6
Used merchandise stores	593	15.0	16.3	79	83	0.9	1.0
Sporting goods and bicycle shops	5941	21.4	22.2	139	139	1.6	1.7
Book stores	5942	11.7	12.3	86	94	0.8	0.9
Jewelry stores	5944	26.6	26.4	161	150	2.3	2.2
Hobby, toy, and game shops	5945	9.4	9.6	83	87	0.8	0.9
Gift, novelty, and souvenir shops	5947	29.5	29.6	164	163	1.4	1.4
Sewing, needlework, and piece goods	5949	8.2	8.2	68	64	0.5	0.5
Catalog and mail-order houses	5961	7.2	7.4	141	148	2.6	2.8
Merchandising machine operators	5962	5.1	5.3	76	73	1.3	1.2
Direct selling establishments	5963	8.8	8.7	107	104	1.7	1.6
Fuel dealers	598	12.0	11.8	100	96	2.2	2.1
Florists	5992	25.8	26.5	131	129	1.2	1.2
Optical goods stores	5995	13.2	13.7	66	69	1.1	1.1
Administrative and auxiliary	(X)	18.0	18.3	860	842	23.7	24.3

X Not applicable. [1] Based on 1987 Standard Industrial Classification; see text, section 13. [2] Includes kinds of business not shown separately.

Source: U.S. Bureau of the Census, *County Business Patterns*, annual.

No. 1279. Retail Trade Establishments—Number, Sales, Payroll, and Employees, by Kind of Business: 1987

[Each kind-of-business classification includes leased departments classified in that kind of business as if they were separate establishments. See *Historical Statistics, Colonial Times to 1970*, series T 79-196 for similar but not comparable data]

KIND OF BUSINESS	1987 SIC code [1]	ALL ESTABLISHMENTS		ESTABLISHMENTS WITH PAYROLL				
		Number [2] (1,000)	Sales (mil. dol.)	Number [2] (1,000)	Sales: Total (mil. dol.)	Sales: Per establishment ($1,000)	Annual payroll (mil. dol.)	Paid employees [3] (1,000)
Retail trade, total		**[4]2,420**	**[4]1,540,263**	**1,504**	**1,493,309**	**993**	**177,548**	**17,780**
Building materials & garden supplies	52	107	83,454	74	81,487	1,104	9,760	668
Building materials, supply stores	521, 3	51	61,302	38	60,525	1,593	6,929	432
Hardware stores	525	27	11,036	20	10,535	525	1,564	138
Retail nurseries and garden stores	526	21	5,809	11	5,411	506	822	71
Mobile home dealers	527	8	5,307	5	5,015	993	445	27
General merchandise stores	53	57	181,971	35	181,147	5,112	19,586	2,003
Department stores (incl. leased depts.) [5]	531	10	153,679	10	153,679	15,305	(NA)	(NA)
Department stores (excl. leased depts.) [5]	531	10	144,017	10	144,017	14,343	16,365	1,651
Variety stores	533	21	7,134	10	6,762	649	926	121
Misc. general merchandise stores	539	26	30,819	15	30,368	2,029	2,294	231
Food stores [6]	54	290	309,460	191	301,847	1,583	29,819	2,855
Grocery stores	541	197	290,979	138	285,481	2,075	27,084	2,502
Meat and fish markets	542	(NA)	(NA)	11	5,616	494	606	59
Fruit and vegetable markets	543	(NA)	(NA)	3	1,802	551	186	20
Candy, nut, confectionery stores	544	(NA)	(NA)	6	1,182	193	199	31
Retail bakeries	546	31	5,194	22	4,871	224	1,353	185
Automotive dealers [6]	55 ex. 554	194	342,896	103	333,420	3,246	26,688	1,373
New and used car dealers	551	28	280,529	28	280,529	9,906	22,205	940
Used car dealers	552	75	18,295	15	10,849	726	809	55
Auto and home supply stores	553	67	26,622	46	25,460	551	4,152	286
Boat dealers	555	(NA)	(NA)	5	6,824	1,319	620	35
Recreational vehicle dealers	556	(NA)	(NA)	3	5,538	1,842	437	25
Motorcycle dealers	557	(NA)	(NA)	4	3,475	828	382	27
Gasoline service stations	554	137	104,769	115	101,997	889	6,414	702
Apparel and accessory stores [6]	56	197	79,322	149	77,391	518	9,725	1,121
Men's and boys' clothing stores	561	19	9,017	17	8,869	537	1,361	115
Women's clothing specialty stores	562, 3	77	29,208	60	28,531	477	3,519	455
Women's clothing stores	562	64	26,366	52	25,868	495	3,150	419
Children's and infants' wear stores	564	(NA)	(NA)	6	2,101	342	245	37
Family clothing stores	565	27	21,472	18	21,117	1,145	2,362	268
Shoe stores	566	43	14,594	39	14,411	365	1,880	205
Furniture and homefurnishings stores	57	180	78,072	110	74,783	682	9,904	703
Furniture stores	5712	46	26,740	33	25,997	793	3,828	247
Homefurnishings stores	5713, 4, 9	63	17,737	32	16,374	512	2,389	176
Household appliance stores	572	17	8,642	11	8,332	744	953	65
Radio, television, computer stores	573	54	24,953	34	24,080	714	2,734	215
Computer and software stores	5734	8	2,799	4	2,651	687	325	22
Eating and drinking places	58	490	153,462	391	148,776	380	38,582	6,100
Eating places [6]	5812	402	142,627	333	139,282	419	36,633	5,787
Restaurants and lunchrooms	5812 pt.	(NA)	(NA)	155	66,364	429	18,796	2,822
Refreshment places	5812 pt.	(NA)	(NA)	138	56,870	412	13,269	2,352
Drinking places	5813	88	10,834	59	9,495	162	1,950	313
Drug stores and proprietary stores	591	56	54,142	52	53,824	1,031	6,476	574
Miscellaneous retail stores [6]	59 ex. 591	[4]710	[4]152,716	284	138,636	489	18,594	1,682
Liquor stores	592	45	19,826	35	18,597	528	1,454	157
Used merchandise stores	593	89	5,217	15	3,502	236	663	69
Misc. shopping goods stores [6]	594	263	53,777	123	49,460	403	6,481	706
Sporting goods, bicycle shops	5941	50	11,256	22	10,077	467	1,218	121
Book stores	5942	19	5,338	11	5,116	462	581	72
Stationery stores	5943	7	1,942	5	1,814	376	287	27
Jewelry stores	5944	50	12,925	28	11,994	428	1,921	163
Hobby, toy, and game shops	5945	28	7,451	10	7,031	730	614	76
Camera, photo supply stores	5946	6	2,383	4	2,294	605	276	21
Gift, novelty, souvenir shops	5947	79	8,446	32	7,459	231	1,055	151
Sewing, needlework, and piece goods	5949	22	3,138	10	2,836	294	406	65
Nonstore retailers	596	[4]66	[4]34,878	23	33,894	1,470	4,523	318
Catalog and mail-order houses	5961	31	20,765	7	20,347	2,815	1,932	123
Merchandising machine operators	5962	24	6,258	5	5,692	1,074	1,090	74
Direct selling establishments	5963	[4]11	[4]7,855	11	7,855	746	1,501	121
Fuel dealers	598	17	14,503	13	14,198	1,114	1,824	99
Florists	5992	50	5,441	27	4,810	180	1,019	125
Optical goods stores	5995	15	3,480	14	3,415	251	811	54

NA Not available. [1] Based on 1987 Standard Industrial Classification; see text, section 13. [2] Represents the number of establishments in business at any time during year. [3] For pay period including March 12. [4] Excludes nonemployer direct sellers, SIC 5963. [5] Includes sales from catalog order desks. [6] Includes other kinds of businesses, not shown separately.

Source: U.S. Bureau of the Census, *1987 Census of Retail Trade*, RC87-A-52 and RC87-N-1.

No. 1280. Retail Trade Sales—Summary: 1980 to 1993

[Sales and inventories for leased departments and concessions are tabulated in the kind-of-business category of the leased department or concession. Based on Current Business Survey, see Appendix III. Minus sign (-) indicates decrease. See also *Historical Statistics, Colonial Times to 1970*, series T 245, 246, and 255]

YEAR	CURRENT DOLLARS							CONSTANT (1987) DOLLARS [4]		
	Total sales (bil. dol.)	Annual percent change [1]	Per capita [2] (dol.)	Index of sales (1982=100)	Durable goods (bil. dol.)	Nondurable goods (bil. dol.)		Total sales (bil. dol.)	Annual percent change [1]	Per capita [2] (dol.)
						Total	Dept. stores [3]			
1980	957	6.7	4,213	89.5	299	658	86	1,193	-3.8	5,252
1981	1,039	8.5	4,527	97.1	325	714	96	1,201	0.6	5,232
1982	1,069	3.0	4,616	100.0	336	733	100	1,189	-1.0	5,130
1983	1,170	9.4	5,005	109.4	391	779	109	1,272	7.0	5,440
1984	1,287	10.0	5,457	120.3	454	832	120	1,360	6.9	5,767
1985	1,375	6.8	5,779	128.6	498	877	126	1,420	4.4	5,969
1986	1,450	5.4	6,037	135.6	541	909	134	1,498	5.5	6,240
1987	1,541	6.3	6,361	144.1	576	965	144	1,539	2.7	6,351
1988	1,657	7.5	6,778	155.0	630	1,028	152	1,599	3.9	6,541
1989	1,761	6.3	7,136	164.7	659	1,103	161	1,642	2.7	6,654
1990	1,848	4.9	7,411	172.8	671	1,177	166	1,654	0.7	6,632
1991	1,863	0.8	7,389	174.2	653	1,209	174	1,622	-2.0	6,432
1992	1,959	5.2	7,680	183.2	707	1,252	187	1,673	3.1	6,558
1993	2,082	6.3	8,071	194.7	785	1,297	201	1,758	5.1	6,816

[1] Change from immediate prior year. [2] Based on Bureau of the Census estimates of resident population as of July 1. [3] Excludes leased departments. [4] Source: U.S. Bureau of Economic Analysis, *Survey of Current Business*, monthly; and unpublished data.

No. 1281. Retail Trade—Sales, by Kind of Business: 1980 to 1993

[**In billions of dollars.** See headnote, table 1280. Based on Current Business Survey, see Appendix III. See also *Historical Statistics, Colonial Times to 1970*, series T 245-271]

KIND OF BUSINESS	1987 SIC code [1]	1980	1985	1988	1989	1990	1991	1992	1993
Retail trade, total		**957.4**	**1,375.0**	**1,657.3**	**1,761.4**	**1,848.4**	**1,863.0**	**1,959.1**	**2,081.6**
Durable goods stores, total [2]		**299.2**	**498.1**	**629.8**	**658.7**	**671.3**	**653.5**	**707.3**	**784.8**
Automotive dealers	55 exc. 554	164.1	303.2	372.2	385.2	384.6	370.8	403.6	454.4
Motor vehicle, misc. automotive dealers	551,2,5,6,7,9	146.2	278.0	341.9	353.5	352.1	336.5	367.8	416.9
Motor vehicle dealers	551,2	137.7	263.1	323.6	334.8	333.9	318.7	349.7	400.7
Motor vehicle dealers, franchised	551	130.5	251.6	302.6	310.3	313.8	298.4	328.9	375.1
Auto and home supply stores	553	18.0	25.2	30.3	31.7	34.3	34.3	35.9	37.6
Building materials and garden supplies	52	50.8	71.2	91.8	94.1	97.4	95.2	106.0	115.9
Building materials, supply stores	521,3	35.0	50.8	67.1	68.0	71.3	69.5	77.1	84.6
Hardware stores	525	8.3	10.5	11.8	12.5	12.4	11.9	12.4	12.9
Furniture and homefurnishings stores [2]	57	44.2	68.3	86.3	93.4	94.9	96.3	102.6	113.7
Furniture, homefurnishings stores	571	26.3	38.3	47.9	51.8	51.5	50.8	53.6	57.7
Furniture stores	5712	(NA)	23.9	28.4	32.3	31.4	31.0	32.2	35.7
Floor covering stores	5713	(NA)	7.9	11.3	11.2	11.5	11.1	11.7	11.7
Household appliance, radio, TV, and computer stores	5722,31,34	14.0	25.1	31.1	33.9	34.9	36.2	39.3	44.8
Household appliance stores	5722	(NA)	8.4	9.0	9.8	9.5	9.3	9.7	10.2
Radio, TV, and computer stores	5731,34	(NA)	16.7	22.2	24.1	25.4	27.0	29.6	34.7
Sporting goods and bicycle shops	5941	(NA)	8.7	13.0	14.7	15.8	16.2	17.2	19.3
Book stores	5942	(NA)	4.5	6.0	6.6	7.5	7.8	8.5	9.0
Jewelry stores	5944	(NA)	11.2	14.2	14.2	14.9	14.3	14.7	16.3
Nondurable goods stores, total [2]		**658.1**	**876.9**	**1,027.5**	**1,102.7**	**1,177.1**	**1,209.4**	**1,251.8**	**1,297.0**
Apparel and accessory stores [2]	56	49.3	70.2	85.3	92.3	95.7	97.3	104.1	106.1
Men's and boys' clothing stores	561	7.7	8.5	9.5	9.8	9.4	9.0	8.5	8.4
Women's clothing specialty stores	562,3	17.6	26.1	31.1	33.4	34.7	35.4	39.2	39.6
Women's clothing stores	562	15.9	23.6	27.9	30.1	31.5	32.3	35.0	35.5
Family clothing stores	565	10.8	17.8	23.6	25.8	27.4	29.1	31.1	32.7
Shoe stores	566	10.5	13.1	15.4	17.2	18.0	17.4	18.0	17.7
Drug stores and proprietary stores	591	31.0	47.0	57.9	63.5	70.8	75.9	78.2	80.9
Eating and drinking places	58	90.1	127.9	167.5	176.8	188.5	194.1	200.6	211.0
Eating places	5812	80.4	117.6	156.5	165.9	176.7	181.8	187.6	198.3
Restaurants, lunchrooms, cafeterias	5812 pt	(NA)	68.2	87.2	91.8	98.2	102.1	104.4	109.0
Refreshment places	5812 pt	(NA)	48.1	66.9	71.2	75.4	76.7	80.4	86.6
Drinking places	5813	(NA)	10.3	11.0	10.9	11.8	12.2	13.0	12.7
Food stores	54	220.2	285.1	326.6	349.3	372.0	379.3	382.4	392.4
Grocery stores	541	205.6	269.5	308.0	329.7	350.9	357.7	361.8	370.7
Gasoline service stations	554	94.1	113.3	109.7	121.5	136.2	134.1	132.3	133.5
General merchandise stores	53	109.0	158.6	192.7	206.9	216.5	228.5	248.8	267.0
Department stores [3]	531	85.5	126.4	151.6	160.8	166.2	173.5	187.2	201.2
Variety stores	533	7.8	8.5	7.1	7.2	7.2	7.1	7.7	7.1
Misc. general merchandise stores	539	15.7	23.8	34.0	38.8	43.0	47.9	53.9	58.7
Liquor stores	592	16.9	19.5	19.8	20.5	22.4	23.3	22.8	21.2
Nonstore retailers	596	22.8	28.3	40.0	42.5	43.7	46.1	50.8	50.5
Catalog and mail-order houses	5961	(NA)	15.8	23.5	25.1	24.7	27.0	31.1	29.3
Fuel dealers	598	(NA)	16.8	15.3	15.8	17.4	17.0	17.3	18.6

NA Not available. [1] Based on 1987 Standard Industrial Classification code; see text, section 13. [2] Includes kinds of business, not shown separately. [3] Excludes leased departments.

Source of tables 1280 and 1281: Except as noted, U.S. Bureau of the Census, *Current Business Reports, Combined Annual and Revised Monthly Retail Trade, January 1984 Through December 1993*, (BR/93-RV) and prior issues.

No. 1282. Retail Trade—Sales of Multiunit Organizations, by Kind of Business: 1980 to 1993

[Data based on sales of companies which had 11 or more retail establishments according to the most recent update of multiestablishment files selected with certainty (i.e., their sales size exceeded specified dollar volume cutoffs which varied by kind of business). For details, see source. See also *Historical Statistics, Colonial Times to 1970*, series T 197-219]

KIND OF BUSINESS	1987 SIC code [1]	SALES (bil. dol.)						PERCENT OF TOTAL RETAIL SALES		
		1980	1985	1990	1991	1992	1993	1980	1990	1993
Total		**361.3**	**520.3**	**738.0**	**765.6**	**811.6**	**854.4**	**37.3**	**39.9**	**41.0**
Durable goods stores		35.2	55.1	98.3	102.1	112.7	124.8	11.4	14.6	15.9
Auto and home supply stores	553	4.7	5.9	10.7	11.2	12.4	13.4	26.2	31.1	35.7
Nondurable goods stores [2]		326.0	465.2	639.7	663.5	698.9	729.6	49.1	54.3	56.2
General merchandise stores	53	101.6	151.4	206.3	216.4	236.0	254.6	90.6	95.3	95.4
Department stores	531	63.2	124.0	163.2	176.2	184.5	198.6	96.1	98.2	98.7
Variety stores	533	6.3	7.0	4.8	4.5	5.3	4.9	80.9	66.6	68.5
Misc. general merchandise stores	539	12.1	20.4	38.2	41.2	46.3	51.1	58.1	88.9	87.0
Food stores	54	119.8	162.5	219.1	226.0	228.0	232.6	54.4	58.9	59.3
Grocery stores	541	118.1	160.2	215.7	222.4	224.6	229.3	57.4	61.5	61.9
Apparel and accessory stores [2]	56	21.1	35.9	57.9	60.9	65.5	68.0	42.7	60.5	64.1
Women's clothing specialty stores	562,3	8.3	13.6	20.6	21.9	24.1	24.7	47.1	59.5	62.3
Family clothing	565	(NA)	11.3	20.3	21.9	23.7	25.2	(NA)	74.0	77.2
Shoe stores	566	5.3	7.7	11.8	11.5	12.1	12.3	50.8	65.6	69.4
Eating places	5812	22.6	33.8	45.2	44.9	47.2	49.3	28.1	25.6	24.9
Drug stores and proprietary stores	591	16.8	27.9	42.8	46.0	48.4	50.2	54.3	60.4	62.1

NA Not available. [1] Based on 1987 Standard Industrial Classification code; see text, section 13. [2] Includes kinds of business not shown separately.

Source: U.S. Bureau of the Census, *Current Business Reports, Combined Annual and Revised Monthly Retail Trade, January 1984 Through December 1993* (BR/93-RV); and unpublished data.

No. 1283. Retail Trade—Merchandise Inventories and Inventory/Sales Ratios, by Kind of Business: 1990 to 1993

[As of **Dec. 31**. Includes warehouses. Adjusted for seasonal variations. Sales data also adjusted for holiday, and trading-day differences. See headnote, table 1280]

KIND OF BUSINESS	1987 SIC code [1]	INVENTORIES AT COST [2] (bil. dol.)				INVENTORY/SALES RATIOS			
		1990	1991	1992	1993	1990	1991	1992	1993
Total		**241.1**	**245.0**	**253.8**	**271.6**	**1.57**	**1.57**	**1.50**	**1.50**
Excluding automotive group		*178.7*	*185.1*	*191.2*	*203.7*	*1.45*	*1.49*	*1.43*	*1.46*
Durable goods stores [3]		121.7	119.7	123.5	135.8	2.26	2.17	1.99	1.91
Building materials and garden supplies	52	17.6	17.5	18.2	20.6	2.26	2.18	1.96	1.93
Automotive dealers	55 exc. 554	62.5	59.9	62.7	67.9	2.03	1.90	1.76	1.63
Furniture and homefurnishings stores	57	18.1	18.5	19.1	22.2	2.35	2.29	2.10	2.18
Nondurable goods stores [3]		119.5	125.3	130.3	135.8	1.20	1.24	1.22	1.24
General merchandise stores	53	42.5	46.0	48.9	53.1	2.33	2.36	2.30	2.33
Department stores	531	33.5	36.2	38.3	41.6	2.40	2.46	2.38	2.41
Food stores	54	25.4	26.2	26.4	27.0	0.81	0.83	0.81	0.81
Apparel and accessory stores	56	19.6	20.1	22.1	22.9	2.48	2.51	2.46	2.59

[1] Based on 1987 Standard Industrial Classification code; see text, section 13. [2] Excludes supplies and equipment used in store and warehouse operations that are not for resale. [3] Includes kinds of business not shown separately.

Source: U.S. Bureau of the Census, *Current Business Reports, Combined Annual and Revised Monthly Retail Trade, January 1984 Through December 1993* (BR/93-RV).

No. 1284. Retail Foodstores—Number and Sales, by Type: 1980 to 1992

TYPE OF FOODSTORE	NUMBER [1] (1,000)					SALES [2] (bil. dol.)					PERCENT DISTRIBUTION			
											Number		Sales	
	1980	1985	1990	1991	1992	1980	1985	1990	1991	1992	1980	1992	1980	1992
Total	**253.4**	**255.9**	**253.0**	**251.7**	**250.4**	**220.2**	**285.1**	**369.8**	**376.9**	**384.0**	**100.0**	**100.0**	**100.0**	**100.0**
Grocery stores	178.3	177.2	170.1	168.0	165.9	205.6	269.5	348.7	355.3	360.8	70.4	66.3	93.4	94.0
Supermarkets [3]	26.3	26.2	23.8	23.7	23.4	157.0	201.8	260.1	268.9	274.3	10.4	9.3	71.3	71.4
Convenience stores [4]	35.8	45.4	51.7	50.7	49.9	18.9	33.7	46.5	47.3	48.5	14.1	19.9	8.6	12.6
Superette [5]	116.2	105.6	94.6	93.6	92.6	29.7	34.0	42.1	39.1	38.0	45.9	37.0	13.5	9.9
Specialized food stores [6]	75.0	78.7	83.0	83.7	84.5	14.6	15.5	21.1	21.6	23.2	29.6	33.7	6.6	6.0

[1] Estimated. [2] Includes nonfood items. [3] A grocery store, primarily self-service in operation, providing a full range of departments, and having at least $2.5 million in annual sales in 1985 dollars. [4] A small grocery store selling a limited variety of food and nonfood products, typically open extended hours. [5] A grocery store, primarily self-service in operation, selling a wide variety of food and nonfood products with annual sales below $2.5 million (1985 dollars). [6] Primarily engaged in the retail sale of a single food category such as meat and seafood stores and retail bakeries.

Source: U.S. Dept. of Agriculture, Economic Research Service, *Food Marketing Review*, annual.

No. 1285. Supermarkets—Number and Sales, by Type of Format: 1980 to 1992

[Covers establishments open the entire year. For definition of supermarket, see footnote 3, table 1284]

SUPERMARKET FORMAT	NUMBER			SALES (bil. dol.)				PERCENT DISTRIBUTION			
								Number		Sales	
	1980	1990	1992	1980	1990	1991	1992	1980	1992	1980	1992
Supermarkets, total	**26,321**	**23,813**	**23,381**	**157.0**	**260.1**	**268.9**	**274.3**	**100**	**100**	**100**	**100**
Conventional	21,009	12,550	11,323	114.7	90.7	81.8	84.7	80	48	73	31
Superstore [1]	3,150	5,810	6,000	27.8	87.6	91.1	93.3	12	26	18	34
Warehouse [2]	1,670	3,381	3,350	6.6	33.1	35.3	33.1	6	14	4	12
Combination food and drug [3]	475	1,619	2,100	6.3	34.8	46.0	42.3	2	9	4	15
Superwarehouse [4]	7	333	470	1.6	12.6	13.8	13.9	(Z)	2	1	5
Hypermarket [5]	10	120	138	(NA)	1.3	0.9	7.0	(Z)	1	(NA)	3

NA Not available. Z Less than 0.5 percent. [1] Contains greater variety of products than conventional supermarkets, including specialty and service departments, and considerable nonfood (general merchandise) products. [2] Contains limited product variety and fewer services provided, incorporating case lot stocking and shelving practices. [3] Contains a pharmacy, a nonprescription drug department, and a greater variety of health and beauty aids than that carried by conventional supermarkets. [4] A larger warehouse store that offers expanded product variety and often service meat, deli, or seafood departments. [5] A very large store offering a greater variety of general merchandise—like clothes, hardware, and seasonal goods—and personal care products than other grocery stores.

Source: U.S. Dept. of Agriculture, Economic Research Service, *Food Marketing Review*, annual.

No. 1286. Percent of Supermarkets Offering Selected Services and Product Lines: 1990 and 1993

[**In percent**. Based on a sample survey of chain and independent supermarkets and subject to sampling variability; for details, see source]

SERVICE OR PRODUCT LINE OFFERED	TOTAL		CHAINS		INDEPENDENTS	
	1990	1993	1990	1993	1990	1993
Service delicatessen	73	79	76	81	69	77
Service bakery	60	62	66	66	53	55
Hot takeout food	55	55	59	57	49	52
Chilled prepared food	50	46	55	50	42	40
Service meat	42	47	45	47	37	46
Self-service delicatessen	38	50	38	52	39	46
Service fish	33	37	43	47	20	21
Separate cheese department	33	34	43	44	19	20
Salad bar	18	19	22	23	13	13
Plastic grocery bags	88	94	94	97	79	89
Reusable grocery bags	58	61	68	65	44	54
Carryout services	82	82	81	79	84	86
Scanning checkouts	71	85	79	91	61	75
Automated teller machines (ATM's)	20	38	28	46	10	25
Accept credit cards	19	51	23	55	13	44
Accept debit cards	(NA)	31	(NA)	36	(NA)	23
Pharmacy	15	20	22	28	6	8
Home delivery	(NA)	16	(NA)	10	(NA)	25

NA Not available.

Source: Maclean Hunter Media Inc., Stamford, CT, *Progressive Grocer, Annual Report of the Grocery Industry*, (copyright).

No. 1287. Supermarket Shopping—Selected Characteristics: 1990 and 1993

[Based on a sample survey of 500 households and subject to sampling variability; for details, see source]

TYPE OF OUTLET	PERCENT OF HOUSEHOLDS SHOPPING AT OUTLET		AVERAGE NUMBER OF WEEKLY TRIPS		AVERAGE WEEKLY SPENDING (dollars)		NUMBER OF SUPERMARKETS SHOPPED IN EACH WEEK	PERCENT DISTRIBUTION	
	1990	1993	1990	1993	1990	1993		1990	1993
Supermarket	100	100	2.3	2.1	72.65	71.04	Total	100	100
Convenience store	41	51	2.3	2.5	12.86	11.28	One	31	26
Fast-food restaurant	67	68	1.9	1.9	16.17	17.72	Two	45	48
Mass merchandiser	64	71	1.4	1.4	26.25	28.50	Three	20	20
Wholesale clubs	(NA)	26	(NA)	1.2	(NA)	86.30	Four or more	4	6

NA Not available.

Source: Maclean Hunter Media Inc., Stamford, CT, *Progressive Grocer, Annual Report of the Grocery Industry*, (copyright).

No. 1288. Commercial and Institutional Groups—Food and Drink Sales: 1980 to 1994

[Excludes military. Data refer to sales to consumers of food and alcoholic beverages. Sales are estimated. For details, see source]

TYPE OF GROUP	Number, 1991	SALES (mil. dol.)							
		1980	1985	1989	1990	1991	1992 [1]	1993 [1]	1994 [1]
Total	**729,364**	**119,004**	**172,787**	**225,644**	**237,700**	**245,418**	**253,769**	**263,553**	**274,029**
Commercial foodservice [2 3]	553,739	101,529	151,762	200,583	211,083	217,983	225,454	234,462	244,142
Eating places [2]	344,061	72,276	111,657	146,716	154,227	159,272	165,341	173,848	181,826
Full-service restaurants	165,111	39,307	57,939	72,727	76,072	78,355	80,313	83,102	85,510
Limited-service restaurants [4]	152,936	28,699	47,477	65,775	69,458	71,689	75,627	80,927	86,026
Bars and taverns [5]	37,227	7,785	8,338	8,952	9,212	9,442	9,169	8,875	8,742
Food contractors [2]	15,739	6,818	9,460	13,198	14,149	14,829	15,494	15,740	16,359
Manufacturing and industrial plants	(NA)	2,121	2,721	3,669	3,856	3,918	4,021	3,894	4,014
Colleges and universities	(NA)	1,140	1,738	2,569	2,788	3,072	3,195	3,527	3,756
Lodging places [2]	27,364	6,768	10,557	13,606	14,272	14,601	15,170	15,065	15,463
Hotel restaurants	17,028	4,964	8,986	12,215	12,907	13,281	13,856	13,791	14,205
Motel restaurants	8,628	1,151	975	836	820	790	779	753	738
Retail hosts [2 6]	109,007	3,264	5,254	9,276	9,888	10,380	10,607	11,010	11,441
Department store restaurants	4,980	857	865	925	950	980	(NA)	(NA)	(NA)
Grocery store restaurants [6]	44,966	830	2,074	5,379	5,733	6,013	(NA)	(NA)	(NA)
Gasoline service stations	34,788	492	1,052	1,523	1,681	1,824	(NA)	(NA)	(NA)
Recreation and sports	14,447	1,452	1,972	2,787	2,916	2,949	3,045	3,146	3,237
Institutional foodservice [2]	175,625	17,475	21,025	25,061	26,617	27,436	28,314	29,090	29,887
Employee foodservice	7,636	1,635	1,971	1,994	1,985	1,913	1,876	1,778	1,926
Industrial, commercial organizations	3,012	1,377	1,682	1,641	1,603	1,535	(NA)	(NA)	(NA)
Educational foodservice	96,356	4,610	5,978	7,237	7,671	8,223	8,353	8,977	9,375
Elementary and secondary schools	93,535	2,312	2,919	3,478	3,700	3,878	3,984	4,123	4,265
Hospitals	6,606	6,668	7,104	8,396	8,968	9,018	9,643	9,344	9,447
Miscellaneous [2]	31,568	1,521	2,077	2,677	2,845	2,993	3,041	3,386	3,395
Clubs	10,310	1,056	1,537	1,914	1,993	2,039	(NA)	(NA)	(NA)

NA Not available. [1] Projection. [2] Includes other types of groups, not shown separately. [3] Data for establishments with payroll. [4] Fast-food restaurants. [5] For establishments serving food. [6] Beginning 1989, a portion of delicatessen sales in grocery stores are considered foodservice.

Source: National Restaurant Association, Washington, DC, *Foodservice Numbers: A Statistical Digest for the Foodservice Industry*, 1992; *Foodservice Industry in Review*, annual; and *National Restaurant Association Foodservice Industry Forecast*, December 1993, (copyright).

No. 1289. Motor Vehicle Factory Sales and Retail Sales: 1980 to 1992

[**In thousands.** See also *Historical Statistics, Colonial Times to 1970*, series Q 148 and 150]

YEAR	1980	1983	1984	1985	1986	1987	1988	1989	1990	1991	1992
Factory sales, total	**8,067**	**9,153**	**10,696**	**11,359**	**10,909**	**10,907**	**11,225**	**10,869**	**9,769**	**8,783**	**9,727**
Passenger cars	6,400	6,739	7,621	8,002	7,516	7,085	7,105	6,807	6,050	5,407	5,684
Trucks and buses	1,667	2,414	3,075	3,357	3,393	3,821	4,121	4,062	3,719	3,375	4,042
Retail sales, total	**11,466**	**12,311**	**14,483**	**15,724**	**16,323**	**15,189**	**15,679**	**14,713**	**14,146**	**12,539**	**13,117**
Passenger cars (new), total	8,979	9,182	10,390	11,042	11,460	10,277	10,530	9,772	9,300	8,175	8,214
Domestic	6,581	6,795	7,952	8,205	8,215	7,081	7,526	7,073	6,897	6,137	6,277
Imports	2,398	2,387	2,439	2,838	3,245	3,196	3,004	2,699	2,403	2,038	1,938
Trucks (new), total	2,487	3,129	4,093	4,682	4,863	4,912	5,149	4,941	4,846	4,365	4,903
Domestic	2,001	2,658	3,475	3,902	3,921	4,055	4,508	4,403	4,215	3,813	4,481
Imports	486	471	618	780	942	857	641	538	631	551	422

Source: American Automobile Manufacturers Association, Detroit, MI, *AAMA Motor Vehicle Facts and Figures*, annual, (copyright).

No. 1290. Franchised New Car Dealerships—Summary: 1980 to 1992

ITEM	Unit	1980	1984	1985	1986	1987	1988	1989	1990	1991	1992
Dealerships [1]	Number	27,900	24,725	24,725	24,825	25,150	25,025	25,000	24,825	24,200	23,500
Sales	Bil. dol.	130.5	225.9	251.8	270.4	280.5	302.1	309.2	312.1	296.5	320.0
New cars	1,000.	8,979	10,393	11,046	11,463	10,225	10,595	9,830	9,296	8,176	8,211
Used vehicles	1,000.	9,717	12,410	13,360	13,540	13,260	14,600	14,610	14,180	14,270	15,140
Employment	1,000.	745.2	794.8	856.9	896.7	926.0	960.1	956.4	926.4	886.4	876.0
Annual payroll	Bil. dol.	11.0	17.8	20.1	21.7	22.6	24.7	24.4	24.1	23.3	23.7
Advertising expenses	Bil. dol.	1.2	2.1	2.8	3.2	3.7	4.0	3.9	3.6	3.4	3.6
Dealer pretax profits as a percentage of sales	Percent	0.6	2.2	2.2	2.2	1.9	1.7	1.0	1.0	1.0	1.4
Inventory: [2]											
Domestic: [3]											
Total	1,000.	1,506	1,413	1,510	1,687	1,710	1,549	1,677	1,450	1,263	1,196
Days' supply	Days	71	55	58	63	74	65	72	66	64	62
Imported: [3]											
Total	1,000.	458	216	271	392	567	647	648	597	584	539
Days' supply	Days	55	26	30	37	55	65	70	74	86	83

[1] At beginning of year. [2] Annual average. [3] Classification based on where automobiles are produced (i.e., automobiles manufactured by foreign companies but produced in the United States are classified as domestic).

Source: National Automobile Dealers Association, McLean, VA, *NADA Data*, annual.

No. 1291. Domestic and International Franchising—Summary: 1980 to 1991

[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	1980	1983	1984	1985	1986	1987	1988	1989	1990	1991
DOMESTIC [1]											
Number of franchised establishments	**1,000**	**442**	**442**	**444**	**455**	**462**	**479**	**481**	**493**	**521**	**542**
Company-owned [2]	1,000	85	86	87	86	88	89	94	95	97	100
Franchisee-owned	1,000	357	355	357	369	374	390	387	398	424	442
Sales of products and services	**Bil. dol**	**336**	**423**	**492**	**543**	**569**	**599**	**648**	**678**	**714**	**758**
Company-owned [2]	Bil. dol	47	59	64	68	85	90	98	107	117	127
Franchisee-owned	Bil. dol	289	364	428	475	484	509	550	570	597	631
Average sales per establishment	$1,000	760	958	1,108	1,193	1,231	1,251	1,348	1,376	1,370	1,399
INTERNATIONAL											
U.S. companies operating foreign outlets	Number	279	305	328	342	354	(NA)	374	(NA)	(NA)	(NA)
Foreign outlets	1,000	20.4	25.7	27.0	30.2	31.6	(NA)	35.0	(NA)	(NA)	(NA)

NA Not available. [1] Excludes foreign outlets of U.S. companies. [2] Represents establishments owned by the parent company.

Source: U.S. Dept. of Commerce, International Trade Administration, *Franchising in the Economy, 1986-88*, 1988. Beginning 1988, International Franchise Association Educational Foundation, Inc., Washington, DC, *Franchising in the Economy*, annual.

No. 1292. Domestic Franchising—Number of Establishments and Sales, by Kind of Franchised Business: 1980 to 1991

[See headnote, table 1291, for definition of franchising. Excludes foreign outlets of U.S. companies]

KIND OF FRANCHISED BUSINESS	NUMBER OF ESTABLISHMENTS (1,000)						SALES (bil. dol.)					
	1980	1985	1988	1989	1990	1991	1980	1985	1988	1989	1990	1991
All franchising, total	**442.4**	**455.2**	**480.8**	**492.5**	**521.2**	**542.5**	**336.2**	**543.0**	**648.1**	**677.9**	**713.8**	**757.8**
Auto and truck dealers [1]	29.4	27.5	27.8	26.9	26.8	26.5	143.9	282.6	345.1	351.0	345.9	354.5
Percent	6.6	6.0	5.8	5.5	5.1	4.9	42.8	52.0	53.2	51.8	48.5	46.8
Restaurants (all types)	60.0	73.9	90.3	92.0	99.3	103.3	27.9	47.7	64.3	70.1	77.9	85.5
Percent	13.6	16.2	18.8	18.7	19.1	19.0	8.3	8.8	9.9	10.3	10.9	11.3
Gasoline service stations [1]	158.5	124.6	113.2	111.5	107.5	107.0	94.5	100.8	101.9	109.4	128.6	143.2
Percent	35.8	27.4	23.5	22.6	20.6	19.7	28.1	18.6	15.7	16.1	18.0	18.9
Retailing (nonfood)	35.2	45.1	46.2	50.0	54.4	57.0	10.5	20.6	23.3	26.7	29.3	31.4
Percent	8.0	9.9	9.6	10.2	10.4	10.5	3.1	3.8	3.6	3.9	4.1	4.1
Auto, truck rental services	7.3	11.2	9.5	9.8	10.7	11.1	3.1	5.7	6.6	6.9	7.5	8.0
Automotive products and services [2]	40.2	36.5	34.7	36.2	39.2	42.2	7.1	10.7	11.4	12.5	13.9	15.5
Business aids and services	40.7	49.8	55.6	58.2	64.4	69.5	6.7	12.0	15.7	16.9	18.6	20.8
Employment services	4.4	4.8	6.5	6.6	7.5	8.3	1.6	2.7	4.7	5.0	5.7	6.4
Tax preparation services	9.2	8.1	8.3	8.2	8.3	8.5	0.3	0.4	0.6	0.7	0.7	0.7
Accounting, credit, collection, and general	2.4	2.1	1.7	1.7	1.8	1.9	0.1	0.2	0.2	0.2	0.2	0.2
Real estate [3]	17.3	13.9	15.3	15.8	16.4	18.2	3.6	4.6	5.9	6.2	6.8	7.7
Printing and copying	2.8	4.5	5.9	6.3	6.8	7.4	0.4	0.9	1.5	1.6	1.8	2.0
Other	4.8	16.4	17.9	19.5	23.6	25.3	0.8	3.1	3.0	3.4	3.5	3.8
Construction, home improvement, maintenance, and cleaning	14.3	17.5	22.0	24.1	27.4	30.6	1.5	4.1	5.3	5.8	6.5	7.1
Convenience stores	15.6	15.1	17.2	17.6	17.2	17.3	7.8	10.8	13.9	14.3	14.3	15.0
Educational products and services	3.2	8.2	11.6	11.1	12.5	13.9	0.3	0.8	1.7	1.7	2.0	2.3
Equipment rental services	2.2	2.5	3.0	2.6	2.7	2.9	0.4	0.7	0.7	0.7	0.7	0.8
Food retailing [4]	15.5	18.7	21.6	21.1	24.5	25.4	7.4	10.1	10.2	10.0	11.7	12.2
Hotels and motels [5]	6.4	7.5	9.3	10.1	11.0	11.4	9.5	14.8	19.7	21.6	23.8	26.0
Laundry, dry cleaning services	3.4	2.3	2.3	3.0	3.2	3.5	0.3	0.3	0.3	0.4	0.4	0.5
Recreation, entertainment, travel	4.6	7.8	8.8	9.8	10.9	11.6	0.5	2.3	3.5	3.5	4.2	4.8
Soft drink bottlers [1] [6]	1.9	1.4	0.9	0.8	0.8	0.8	14.4	18.3	22.7	24.6	26.2	28.0
Miscellaneous	3.6	5.5	6.9	7.6	8.4	8.6	0.4	0.9	1.7	2.0	2.3	2.6

[1] Estimated by source on basis of Bureau of the Census and trade association data. [2] Includes some establishments with significant sales of nonautomotive products such as household appliances, garden supplies, etc. [3] Gross commissions. [4] Excludes convenience stores. [5] Includes campgrounds. [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 of the value of shipments of the total industry in recent years.

Source: U.S. Dept. of Commerce, International Trade Administration, *Franchising in the Economy, 1986-88*, 1988. Beginning 1988, International Franchise Association Educational Foundation, Inc., Washington, DC, *Franchising in the Economy*, annual.

No. 1293. Shopping Centers—Number, Gross Leasable Area, and Retail Sales, by Gross Leasable Area: 1990 to 1993

[As of **December** 31. A shopping center is a group of architecturally unified commercial establishments built on a site that is planned, developed, owned, and managed as an operating unit related in its location, size, and type of shops to the trade area that the unit serves. The unit provides on-site parking in definite relationship to the types and total size of the stores. The data base attempts to include all centers with three or more stores. Estimates are based on a sample of data available on shopping center properties; for details, contact source]

YEAR	Total	GROSS LEASABLE AREA (sq. ft.)					
		Less than 100,001	100,001-200,000	200,001-400,000	400,001-800,000	800,001-1,000,000	More than 1 million
NUMBER							
1990	36,515	23,231	8,756	2,761	1,102	288	357
1991	37,975	23,997	9,226	2,953	1,141	294	364
1992	38,966	24,578	9,467	3,086	1,170	294	371
1993	39,633	24,993	9,611	3,166	1,194	295	374
Percent distribution	100.0	63.1	24.2	8.0	3.0	0.7	0.9
Percent change, 1992-93	1.7	1.7	1.5	2.6	2.1	0.3	0.8
GROSS LEASABLE AREA							
1990 (mil. sq. ft.)	4,390	1,125	1,197	734	618	259	457
1991 (mil. sq. ft.)	4,564	1,162	1,256	775	639	264	466
1992 (mil. sq. ft.)	4,679	1,190	1,289	807	653	264	475
1993 (mil. sq. ft.)	4,771	1,214	1,312	834	666	265	479
Percent distribution	100.0	25.4	27.5	17.5	14.0	5.6	10.0
Percent change, 1992-93	2.0	2.0	1.8	3.3	2.0	0.4	0.8
RETAIL SALES							
1990 (bil. dol.)	706.4	205.1	179.5	108.0	91.7	45.1	77.0
1991 (bil. dol.)	716.9	208.3	182.2	109.5	93.0	45.8	78.2
1992 (bil. dol.)	768.2	223.3	195.3	117.2	99.6	49.0	83.8
1993 (bil. dol.)	814.2	236.6	206.9	124.2	105.6	52.0	88.9
Percent distribution	100.0	29.1	25.4	15.3	13.0	6.4	10.9
Percent change, 1992-93	6.0	6.0	6.0	6.0	6.0	6.0	6.1

No. 1294. Shopping Centers—Number, Gross Leasable Area, and Retail Sales, by State: 1993

[See headnote, table 1293. Minus sign (-) indicates decrease]

DIVISION AND STATE	Number	Gross leasable area (mil. sq. ft.)	Retail sales (bil. dol.)	PERCENT CHANGE, 1992-93			DIVISION AND STATE	Number	Gross leasable area (mil. sq. ft.)	Retail sales (bil. dol.)	PERCENT CHANGE, 1992-93		
				Number	Gross leasable area	Retail sales per sq. ft.					Number	Gross leasable area	Retail sales per sq. ft.
U.S	**39,633**	**4,771**	**814.2**	**1.7**	**2.0**	**3.9**	VA	1,138	147	24.6	1.4	1.9	4.3
							WV	155	21	3.1	0.6	2.0	3.0
N.E	**2,296**	**247**	**42.2**	**1.7**	**1.8**	**4.7**	NC	1,386	146	23.1	2.1	1.8	3.6
ME	189	16	3.1	1.6	1.9	3.6	SC	749	73	12.6	1.6	1.4	4.0
NH	202	21	3.1	2.5	3.3	3.0	GA	1,397	147	25.2	0.9	2.5	3.2
VT	103	7	1.3	-	-	5.7	FL	3,044	385	71.4	1.5	1.7	3.9
MA	907	102	17.9	1.5	1.1	5.4	**E.S.C**	**2,713**	**293**	**49.1**	**1.8**	**1.9**	**3.4**
RI	184	17	3.0	0.5	1.7	4.2	KY	585	63	11.2	1.7	2.0	3.2
CT	711	85	13.9	2.4	2.3	4.6	TN	1,121	123	18.3	2.2	1.8	3.6
M.A	**4,069**	**568**	**88.6**	**3.2**	**2.7**	**3.4**	AL	593	69	12.7	1.0	1.7	3.5
NY	1,564	214	35.4	3.4	3.2	2.8	MS	414	38	7.0	2.2	2.3	2.7
NJ	1,012	140	21.6	3.5	2.2	4.6	**W.S.C**	**4,338**	**494**	**101.9**	**0.4**	**1.2**	**4.3**
PA	1,493	213	31.6	2.7	2.7	3.2	AR	333	32	6.2	0.3	0.9	4.2
							LA	666	78	15.0	0.9	0.7	4.6
E.N.C	**5,831**	**754**	**114.7**	**1.6**	**1.9**	**4.0**	OK	549	57	11.1	-	-	5.5
OH	1,539	218	33.4	1.6	2.3	3.5	TX	2,790	328	69.7	0.4	1.6	4.1
IN	835	110	17.3	2.1	1.6	4.0							
IL	1,917	230	32.5	1.2	2.0	4.1	**Mountain**	**2,632**	**315**	**57.8**	**1.7**	**1.8**	**4.1**
MI	958	125	20.1	1.9	1.5	4.5	MT	91	9	1.6	1.1	3.9	1.4
WI	582	71	11.4	1.7	1.3	4.6	ID	137	16	2.7	5.4	3.8	1.7
W.N.C	**2,343**	**297**	**51.7**	**1.6**	**2.2**	**3.4**	WY	53	6	1.1	-	-	5.7
MN	428	62	11.0	1.7	1.1	4.9	CO	668	86	17.5	0.5	0.2	6.0
IA	272	36	6.0	0.7	2.7	2.7	NM	282	27	5.2	2.2	1.5	4.1
MO	821	101	18.1	1.6	1.0	4.6	AZ	918	108	19.2	1.8	2.2	3.8
ND	80	9	1.7	-	-	5.5	UT	207	29	5.3	1.5	0.3	6.1
SD	51	7	1.0	4.1	3.3	2.0	NV	276	33	5.1	2.6	5.8	0.3
NE	240	32	4.6	3.9	8.4	-2.6							
KS	451	50	9.3	1.1	2.2	3.5	**Pacific**	**6,526**	**745**	**123.8**	**2.0**	**2.3**	**4.2**
							WA	651	85	13.8	2.0	1.1	5.2
S.A	**8,885**	**1,058**	**184.4**	**1.5**	**1.8**	**3.9**	OR	434	49	7.2	1.2	1.4	4.5
DE	124	18	3.3	2.5	1.8	4.2	CA	5,221	587	98.4	2.0	2.3	4.3
MD	826	113	19.7	2.0	1.8	4.6	AK	60	8	1.5	-	-	6.3
DC	66	8	1.4	-	-	5.3	HI	160	16	2.9	4.6	11.1	-4.0

- Represents zero.

Source of tables 1293 and 1294: National Research Bureau, Chicago, IL. Data for 1990 published by Monitor Publishing, Clearwater, FL, in *Monitor Magazine*, November/December 1991, (copyright). Data for 1991 and 1992 published by Communication Channels, Inc., Atlanta, GA, in *Shopping Center World*, March 1993, (copyright). Data for 1993 published by International Council of Shopping Centers in *Shopping Centers Today*, April 1994, (copyright—Blackburn Marketing Services (U.S.), Inc.).

No. 1295. Retail Sales—

[In millions of dollars, except as indicated. Kind-of-business classification based on

REGION, DIVISION, AND STATE	ALL STORES [1]				FOOD STORES				GENERAL MERCHANDISE STORES			
	1991, total	1992			Total		Supermarkets		Total		Department stores	
		Total	Sales per household [2] Amount (dol.)	Sales per household [2] Percent change, 1991-92	1991	1992	1991	1992	1991	1992	1991	1992
U.S.	**1,821,386**	**1,964,022**	**20,710**	**6.5**	**370,255**	**384,574**	**347,716**	**360,319**	**217,494**	**247,448**	**173,960**	**197,069**
Northeast	**377,542**	**399,627**	**20,994**	**5.8**	**81,392**	**82,080**	**74,160**	**74,671**	**38,815**	**39,905**	**31,889**	**32,791**
N.E	**110,944**	**112,745**	**22,662**	**1.9**	**22,367**	**24,136**	**20,471**	**22,060**	**10,918**	**11,340**	**8,689**	**8,994**
ME	10,092	11,450	24,377	14.4	2,299	2,746	2,177	2,593	875	1,013	610	706
NH	11,009	11,978	27,831	7.3	2,314	2,688	2,206	2,555	1,213	1,356	875	970
VT	4,450	5,096	23,571	13.8	1,007	1,220	947	1,145	304	357	212	249
MA	52,090	47,451	21,083	-8.7	10,178	9,810	9,144	8,785	5,232	4,889	4,174	3,887
RI	6,760	7,357	19,330	8.9	1,361	1,564	1,188	1,362	752	835	597	659
CT	26,544	29,412	23,963	11.9	5,208	6,106	4,809	5,621	2,543	2,891	2,221	2,524
M.A	**266,598**	**286,883**	**20,403**	**7.4**	**59,025**	**57,944**	**53,689**	**52,611**	**27,897**	**28,564**	**23,200**	**23,797**
NY	122,446	126,079	18,889	3.0	27,261	25,546	24,345	22,757	12,504	12,166	10,099	9,839
NJ	63,210	67,702	23,987	7.0	13,970	13,658	12,876	12,555	6,161	6,292	5,262	5,384
PA	80,942	93,102	20,401	14.3	17,795	18,739	16,468	17,300	9,231	10,106	7,838	8,574
Midwest	**432,340**	**471,615**	**20,704**	**7.9**	**78,561**	**83,217**	**73,872**	**78,006**	**58,083**	**63,346**	**48,105**	**52,384**
E.N.C	**303,829**	**330,386**	**20,775**	**7.5**	**53,901**	**56,972**	**50,366**	**53,068**	**40,347**	**44,105**	**34,044**	**37,122**
OH	76,295	81,163	19,463	5.0	14,820	15,347	13,943	14,395	10,490	11,258	8,673	9,277
IN	39,882	41,526	19,641	2.7	6,848	6,950	6,543	6,621	5,084	5,329	4,089	4,255
IL	84,710	94,705	22,192	10.6	14,534	15,741	13,536	14,609	10,332	11,579	8,832	9,875
MI	67,761	73,197	21,043	7.2	11,360	11,951	10,397	10,912	9,988	10,857	8,879	9,645
WI	35,181	39,795	21,253	11.6	6,340	6,982	5,947	6,532	4,452	5,083	3,572	4,071
W.N.C	**128,510**	**141,229**	**20,539**	**8.7**	**24,660**	**26,246**	**23,505**	**24,938**	**17,716**	**19,240**	**14,061**	**15,262**
MN	35,160	35,686	20,968	0.2	6,233	6,084	5,909	5,749	5,028	5,019	3,656	3,623
IA	19,512	22,000	20,344	11.2	4,146	4,531	3,986	4,343	2,573	2,881	2,041	2,275
MO	36,428	41,238	20,599	12.4	6,874	7,543	6,603	7,222	5,179	5,807	4,406	4,931
ND	4,670	5,312	21,969	13.0	837	922	806	885	641	725	503	571
SD	4,888	5,608	21,116	13.1	958	1,062	921	1,018	530	603	406	463
NE	10,693	12,112	19,707	11.7	2,105	2,300	1,888	2,052	1,404	1,576	1,139	1,282
KS	17,160	19,273	19,891	10.9	3,506	3,803	3,393	3,668	2,362	2,630	1,910	2,117
South	**617,011**	**666,419**	**20,160**	**6.4**	**128,021**	**135,470**	**122,273**	**128,969**	**76,591**	**88,602**	**60,491**	**69,814**
S.A	**328,762**	**357,145**	**20,704**	**7.1**	**65,621**	**69,557**	**62,438**	**65,989**	**37,894**	**43,779**	**30,189**	**34,785**
DE	6,060	6,299	24,473	2.4	1,101	1,117	1,022	1,033	860	954	751	834
MD	36,385	38,205	21,121	4.3	7,004	7,184	6,579	6,729	4,324	4,845	3,470	3,874
DC	3,606	3,553	14,763	0.2	604	583	543	522	327	345	284	301
VA	45,783	53,335	22,415	15.0	9,571	10,879	9,244	10,474	5,170	6,409	4,047	4,999
WV	10,147	10,651	15,299	3.5	2,439	2,488	2,295	2,333	1,490	1,661	1,021	1,127
NC	46,078	50,741	19,326	8.2	9,345	10,019	9,039	9,659	4,789	5,599	3,586	4,182
SC	24,220	25,440	19,426	3.4	5,260	5,375	5,085	5,180	2,584	2,883	1,988	2,221
GA	46,910	49,628	19,933	4.2	9,115	9,404	8,795	9,045	5,820	6,545	4,751	5,324
FL	109,571	119,291	21,919	7.2	21,181	22,510	19,836	21,013	12,530	14,540	10,291	11,923
E.S.C	**97,307**	**105,676**	**18,203**	**7.0**	**19,319**	**23,652**	**18,425**	**22,487**	**13,760**	**15,507**	**10,757**	**12,103**
KY	24,098	25,585	18,129	4.4	5,028	5,988	4,802	5,702	3,448	3,776	2,684	2,930
TN	33,384	38,140	19,921	12.7	6,093	7,885	5,797	7,479	4,744	5,641	3,788	4,491
AL	26,132	27,625	17,808	4.0	5,108	6,141	4,867	5,834	3,479	3,833	2,825	3,110
MS	13,692	14,325	15,435	3.5	3,091	3,638	2,959	3,472	2,089	2,258	1,459	1,573
W.S.C	**190,942**	**203,599**	**20,356**	**4.9**	**43,081**	**42,261**	**41,411**	**40,493**	**24,937**	**29,316**	**19,545**	**22,927**
AR	15,584	15,741	17,194	-0.5	3,381	3,136	3,268	3,021	2,252	2,503	1,885	2,088
LA	28,997	30,736	20,156	4.6	7,423	7,251	7,094	6,907	4,033	4,714	3,040	3,550
OK	20,200	19,879	16,167	-3.1	4,583	4,142	4,382	3,948	2,570	2,793	2,088	2,268
TX	126,161	137,243	21,675	6.9	27,694	27,732	26,667	26,617	16,082	19,307	12,533	15,021
West	**394,494**	**426,360**	**21,356**	**5.9**	**82,280**	**83,806**	**77,411**	**78,673**	**44,025**	**55,595**	**33,475**	**42,080**
Mt	**96,491**	**109,569**	**20,426**	**10.1**	**21,898**	**24,748**	**21,130**	**23,806**	**11,441**	**13,596**	**8,764**	**10,389**
MT	5,473	6,334	19,917	11.8	1,331	1,538	1,287	1,483	548	664	426	516
ID	6,192	7,064	18,416	9.3	1,488	1,695	1,444	1,640	628	750	482	573
WY	2,794	3,199	18,480	11.7	617	702	604	685	301	361	226	273
CO	25,216	29,137	21,326	11.0	5,401	6,196	5,217	5,965	3,169	3,815	2,521	3,041
NM	9,645	10,934	19,132	11.1	2,096	2,361	2,000	2,246	1,170	1,392	845	1,002
AZ	26,893	30,290	20,673	10.0	6,371	7,159	6,169	6,910	3,153	3,728	2,246	2,640
UT	10,452	11,623	20,589	8.6	2,452	2,704	2,353	2,588	1,313	1,526	1,031	1,187
NV	9,826	10,988	21,054	8.0	2,142	2,392	2,057	2,289	1,159	1,360	989	1,157
Pac	**298,003**	**316,791**	**21,697**	**4.6**	**60,383**	**59,058**	**56,281**	**54,867**	**32,585**	**41,999**	**24,711**	**31,690**
WA	37,717	40,691	20,577	5.1	8,476	8,436	8,116	8,051	4,077	5,343	3,082	4,015
OR	23,262	25,235	21,817	6.0	4,582	4,529	4,312	4,248	3,102	4,018	2,226	2,858
CA	220,871	233,688	21,471	4.4	43,854	42,653	40,600	39,352	23,277	29,864	17,747	22,654
AK	4,740	5,090	24,818	2.6	1,246	1,247	1,209	1,206	601	781	432	571
HI	11,412	12,086	32,008	2.9	2,224	2,194	2,043	2,009	1,527	1,994	1,224	1,593

[1] Includes other types of stores, not shown separately. [2] Based on number of households as of July 1 as estimated by source. Minus sign (-) indicates decrease. [3] Includes hardware dealers. [4] Includes homefurnishings stores.

by Type of Store and State: 1991 and 1992

1987 Standard Industrial Classification code; see text, section 13. Data are estimates]

AUTOMOTIVE DEALERS		EATING AND DRINKING PLACES		GASOLINE SERVICE STATIONS		BUILDING MATERIALS DEALERS [3]		APPAREL AND ACCESSORIES STORES		FURNITURE AND APPLIANCE STORES [4]		REGION, DIVISION, AND STATE
1991	1992	1991	1992	1991	1992	1991	1992	1991	1992	1991	1992	
375,641	**398,768**	**189,190**	**202,079**	**128,270**	**133,727**	**92,731**	**103,134**	**95,346**	**105,050**	**89,836**	**104,906**	**U.S.**
73,946	**70,997**	**38,276**	**41,823**	**22,129**	**23,749**	**16,810**	**19,000**	**22,841**	**27,680**	**19,428**	**19,130**	**Northeast**
22,691	**18,570**	**12,954**	**13,065**	**6,801**	**6,924**	**5,885**	**6,382**	**5,573**	**6,667**	**4,925**	**4,608**	**N.E**
2,063	1,869	1,004	1,143	663	744	649	771	346	469	326	341	ME
2,494	2,202	1,052	1,156	563	614	744	858	430	558	533	536	NH
925	850	493	568	304	347	342	413	171	233	169	179	VT
10,476	7,678	6,774	6,171	2,993	2,716	2,376	2,279	2,859	3,090	2,339	1,964	MA
1,255	1,091	859	936	470	508	337	384	340	438	245	245	RI
5,480	4,879	2,773	3,091	1,809	1,996	1,437	1,678	1,427	1,879	1,312	1,342	CT
51,255	**52,427**	**25,322**	**28,757**	**15,328**	**16,824**	**10,925**	**12,617**	**17,268**	**21,013**	**14,503**	**14,522**	**M.A**
21,203	20,631	12,517	13,565	6,154	6,405	4,936	5,429	8,726	10,174	6,997	6,706	NY
13,354	13,564	5,505	6,263	3,852	4,186	2,481	2,850	4,338	5,311	3,793	3,802	NJ
16,698	18,232	7,300	8,930	5,322	6,234	3,508	4,338	4,204	5,527	3,714	4,013	PA
92,098	**102,872**	**43,143**	**48,637**	**37,493**	**34,631**	**23,900**	**24,392**	**20,579**	**22,042**	**19,057**	**23,371**	**Midwest**
62,483	**71,246**	**30,930**	**35,164**	**25,680**	**21,980**	**16,615**	**16,870**	**15,226**	**15,955**	**14,779**	**17,320**	**E.N.C**
15,863	17,745	7,910	8,804	6,690	5,611	3,958	3,940	3,250	3,331	3,507	4,027	OH
8,593	9,394	3,899	4,243	3,574	2,951	2,432	2,368	1,711	1,714	1,724	1,932	IN
16,501	19,319	8,736	10,174	6,446	5,649	4,244	4,414	5,206	5,583	4,335	5,203	IL
14,693	16,664	6,614	7,474	5,671	4,824	3,855	3,893	3,641	3,761	3,454	4,011	MI
6,833	8,125	3,770	4,469	3,299	2,946	2,127	2,253	1,418	1,546	1,759	2,146	WI
29,615	**31,625**	**12,214**	**13,473**	**11,813**	**12,651**	**7,286**	**7,523**	**5,353**	**6,087**	**4,278**	**6,051**	**W.N.C**
7,519	7,368	3,297	3,343	2,973	2,923	2,215	2,108	1,532	1,603	1,294	1,685	MN
4,582	5,025	1,762	2,000	1,907	2,099	1,063	1,135	797	934	587	857	IA
8,774	9,642	3,587	4,081	3,393	3,744	1,965	2,101	1,482	1,740	1,125	1,648	MO
1,139	1,259	423	485	479	530	286	307	202	238	123	182	ND
1,168	1,301	445	513	527	588	284	306	197	235	142	211	SD
2,373	2,601	1,078	1,224	1,023	1,122	541	576	452	530	418	611	NE
4,061	4,429	1,621	1,828	1,510	1,643	933	989	692	806	589	857	KS
138,702	**141,428**	**59,296**	**64,421**	**42,786**	**47,572**	**30,786**	**36,989**	**30,464**	**33,546**	**29,309**	**36,683**	**South**
71,254	**74,681**	**33,303**	**36,136**	**22,419**	**24,364**	**18,240**	**21,932**	**15,973**	**18,725**	**17,074**	**20,622**	**S.A**
1,240	1,242	547	568	346	360	360	415	267	300	317	366	DE
7,920	8,027	3,518	3,693	2,405	2,533	1,662	1,939	2,015	2,285	1,956	2,287	MD
159	151	865	856	132	131	67	74	334	357	194	213	DC
9,971	11,209	4,275	4,990	3,298	3,844	2,378	3,071	2,185	2,749	2,453	3,174	VA
2,027	2,040	841	880	787	826	633	732	372	421	380	442	WV
9,944	10,528	4,585	5,042	3,215	3,535	3,258	3,961	2,228	2,645	2,546	3,109	NC
4,908	4,956	2,379	2,496	1,899	1,988	1,631	1,888	1,297	1,470	1,203	1,401	SC
9,952	10,135	4,744	5,004	3,500	3,698	2,757	3,235	2,205	2,512	2,319	2,721	GA
25,134	26,393	11,553	12,607	6,837	7,449	5,494	6,617	5,070	5,985	5,707	6,909	FL
22,350	**20,339**	**8,556**	**9,436**	**7,268**	**8,225**	**5,127**	**6,222**	**4,693**	**4,353**	**4,306**	**5,731**	**E.S.C**
4,902	4,327	2,271	2,428	1,954	2,145	1,311	1,545	993	894	1,036	1,337	KY
8,046	7,703	3,031	3,526	2,562	3,060	1,733	2,222	1,627	1,587	1,625	2,275	TN
6,408	5,696	2,198	2,366	1,830	2,021	1,386	1,641	1,468	1,335	1,125	1,459	AL
2,995	2,613	1,056	1,116	922	999	697	814	605	537	519	660	MS
45,097	**46,409**	**17,438**	**18,850**	**13,099**	**14,983**	**7,419**	**8,835**	**9,798**	**10,468**	**7,930**	**10,330**	**W.S.C**
3,839	3,730	1,124	1,145	1,191	1,285	892	1,005	643	646	557	684	AR
5,815	5,939	2,567	2,754	1,943	2,214	1,161	1,377	1,379	1,460	1,161	1,495	LA
5,017	4,768	1,876	1,871	1,398	1,478	790	872	1,056	1,042	805	970	OK
30,426	31,972	11,870	13,081	8,567	10,006	4,576	5,580	6,721	7,321	5,407	7,182	TX
70,896	**83,471**	**48,475**	**47,198**	**25,863**	**27,775**	**21,234**	**22,753**	**21,463**	**21,781**	**22,042**	**25,722**	**West**
18,359	**20,994**	**10,302**	**12,004**	**6,936**	**7,811**	**5,514**	**6,255**	**4,374**	**4,538**	**4,765**	**5,910**	**Mt**
1,000	1,167	613	728	465	534	352	407	232	246	231	293	MT
1,260	1,450	588	689	509	576	409	466	265	277	282	353	ID
509	589	307	360	311	352	156	177	127	133	94	118	WY
4,664	5,401	2,930	3,466	1,704	1,943	1,323	1,522	1,178	1,241	1,317	1,658	CO
1,883	2,155	1,063	1,238	735	825	618	700	446	463	411	511	NM
5,239	5,956	2,787	3,221	1,769	1,984	1,447	1,634	1,114	1,149	1,399	1,723	AZ
1,978	2,210	985	1,097	808	888	588	651	546	552	594	720	UT
1,828	2,066	1,050	1,206	636	708	622	698	467	477	437	535	NV
52,537	**62,476**	**38,173**	**35,194**	**18,927**	**19,964**	**15,720**	**16,498**	**17,089**	**17,244**	**17,277**	**19,812**	**Pac**
6,229	7,531	4,627	4,342	2,552	2,738	2,240	2,392	1,989	2,044	1,964	2,291	WA
4,477	5,369	2,721	2,533	1,566	1,670	1,224	1,298	1,140	1,159	1,146	1,326	OR
39,890	47,236	28,044	25,727	13,916	14,606	11,670	12,182	12,808	12,866	13,607	15,544	CA
550	667	686	643	236	253	244	263	269	275	151	176	AK
1,390	1,673	2,095	1,949	655	698	343	364	883	899	409	475	HI

Source: Market Statistics, New York, NY, *The Survey of Buying Power Data Service*, annual, (copyright).

No. 1296. Retail Trade—Summary of Establishments, by State: 1991

[Covers establishments with payroll. Excludes government employees, railroad employees, self-employed persons, etc. For statement on methodology, see Appendix III. Kind-of-business classification based on 1987 Standard Industrial Classification code; see text, section 13]

DIVISION AND STATE	Establishments (1,000)	Paid employees [1] (1,000)	Annual payroll (mil. dol.)	DIVISION AND STATE	Establishments (1,000)	Paid employees [1] (1,000)	Annual payroll (mil. dol.)	DIVISION AND STATE	Establishments (1,000)	Paid employees [1] (1,000)	Annual payroll (mil. dol.)
U.S	**1,547.3**	**19,600**	**247,011**	IA	20.1	239	2,445	MS	15.5	157	1,670
N.E	**90.6**	**1,085**	**14,682**	MO	33.2	420	5,010	**W.S.C.**	**156.8**	**1,990**	**23,683**
ME	9.3	96	1,200	ND	5.0	53	522	AR	15.0	161	1,844
NH	8.6	98	1,283	SD	5.6	59	605	LA	22.7	291	3,187
VT	5.2	47	574	NE	11.7	137	1,383	OK	19.5	220	2,370
MA	39.2	511	7,034	KS	16.8	202	2,260	TX	99.5	1,308	16,281
RI	6.6	72	902	**S.A**	**284.8**	**3,642**	**44,517**	**Mt**	**87.5**	**1,118**	**13,447**
CT	21.7	260	3,889	DE	4.8	61	765	MT	6.7	64	688
M.A	**235.0**	**2,676**	**37,063**	MD	28.9	396	5,588	ID	6.9	74	866
NY	112.5	1,178	17,074	DC	3.8	49	711	WY	3.6	37	405
NJ	49.6	577	8,800	VA	38.0	509	6,319	CO	22.8	292	3,642
PA	72.9	921	11,189	WV	10.6	117	1,235	NM	9.3	114	1,267
E.N.C	**250.1**	**3,452**	**40,699**	NC	45.0	537	6,229	AZ	21.6	303	3,682
OH	64.4	905	10,550	SC	22.9	275	3,035	UT	9.1	130	1,446
IN	33.8	467	5,079	GA	41.2	536	6,400	NV	7.5	104	1,451
IL	65.8	912	11,577	FL	89.6	1,163	14,235	**Pac**	**228.9**	**3,042**	**43,602**
MI	54.0	746	8,974	**E.S.C**	**93.2**	**1,097**	**12,249**	WA	30.9	396	5,444
WI	32.1	421	4,519	KY	22.6	276	2,936	OR	19.3	243	3,123
W.N.C	**120.4**	**1,508**	**16,869**	TN	31.0	384	4,536	CA	167.3	2,248	32,708
MN	28.1	397	4,643	AL	24.1	280	3,107	AK	3.6	39	693
								HI	7.8	116	1,634

[1] For pay period including March 12.
Source: U.S. Bureau of the Census, *County Business Patterns*, annual.

No. 1297. Wholesale Trade—Summary: 1958 to 1987

[Data prior to 1972 based on earlier editions of Standard Industrial Classification (SIC) code. Comparability of data over time is affected by changes in the SIC code; for details, see source. See also *Historical Statistics, Colonial Times to 1970*, series T 43-47, and T 274-279]

ITEM	Unit	1958	1963	1967	1972 [1]	1977 [1]	1982 [1]	1987 [1]	1987 [2]
Firms, total [3]	1,000	(NA)	232	233	276	289	335	(NA)	364
Establishments, total [3]	1,000	287	308	311	370	383	435	467	470
With sales of $1,000,000 or more	1,000	(NA)	62	75	103	152	(NA)	(NA)	222
Sales, all establishments	Bil. dol	286	358	459	695	1,258	1,998	2,524	2,525
Merchant wholesalers	Bil. dol	122	157	206	354	678	1,159	1,477	1,478
Inventories, end of year	Bil. dol	14.9	20.1	28.1	45.7	82.3	130.7	(NA)	165.1
Payroll, entire year	Bil. dol	13.2	18.1	23.9	36.9	58.3	95.2	133.2	133.4
Paid employees, Mar. 12 workweek [4]	1,000	2,808	3,089	3,519	4,026	4,397	4,985	5,581	5,596

NA Not available. [1] Based on 1972 SIC code. [2] Based on 1987 SIC code. [3] Through 1977 number of firms and establishments in business at end of year; beginning 1982 number of firms and establishments in business at any time during year. [4] 1958 and 1963 data for workweek including Nov. 15.

No. 1298. Wholesale Trade, by Kind of Business: 1982 and 1987

[Based on 1972 Standard Industrial Classification code; see text, section 13. See *Historical Statistics, Colonial Times to 1970*, series T 274-287 and T 352-369 for similar but not comparable data]

KIND OF BUSINESS	ESTABLISHMENTS [1] (1,000)		SALES (mil. dol.)		ANNUAL PAYROLL (mil. dol.)		PAID EMPLOYEES [2] (1,000)	
	1982	1987	1982	1987	1982	1987	1982	1987
Wholesale trade	**435.1**	**466.7**	**1,997,895**	**2,523,688**	**95,209**	**133,153**	**4,985**	**5,581**
Durable goods	**267.4**	**292.8**	**861,212**	**1,258,483**	**57,368**	**82,248**	**2,913**	**3,303**
Motor vehicles, automotive equipment	41.1	43.0	187,607	(D)	7,524	(D)	433	(D)
Furniture, home furnishings	13.1	14.5	32,452	48,123	2,367	3,652	126	153
Lumber, construction materials	17.9	19.1	50,694	79,946	3,429	5,476	184	231
Sporting, recreational, photographic goods [3]	7.6	8.9	26,980	40,965	1,646	2,312	85	97
Metals and minerals, except petroleum	10.6	11.1	102,690	114,528	3,359	4,038	148	143
Electrical goods	30.4	35.3	120,062	(D)	7,462	(D)	357	(D)
Hardware, plumbing, heating equipment	21.6	23.1	43,529	57,126	4,051	5,610	217	235
Machinery, equipment, supplies	103.4	114.4	263,309	336,976	24,804	35,612	1,192	1,353
Miscellaneous	21.7	23.4	53,889	75,506	2,726	3,777	171	184
Nondurable goods	**167.8**	**173.9**	**1,116,683**	**1,265,205**	**37,841**	**50,905**	**2,072**	**2,278**
Paper, paper products	14.5	16.8	53,493	83,173	3,586	5,202	187	228
Drugs, drug proprietaries [4]	4.0	4.9	33,987	64,280	1,975	2,968	106	120
Apparel, piece goods, notions	15.0	16.9	55,897	81,476	2,897	4,661	144	181
Groceries and related products	40.4	42.1	288,659	380,945	12,269	16,729	674	763
Farm-product raw materials	14.4	12.6	153,419	117,606	1,839	1,847	136	117
Chemicals, allied products	11.2	12.7	76,103	94,620	2,902	3,847	124	131
Petroleum, petroleum products	20.3	16.7	296,995	234,874	3,433	3,658	188	175
Beer, wines, distilled alcoholic beverages	6.7	5.8	42,122	49,433	3,091	3,849	141	146
Miscellaneous	41.2	45.3	116,008	158,800	5,849	8,143	372	417

D Data withheld to avoid disclosure. [1] Number of establishments in business at any time during the year. [2] For pay period including March 12. [3] Includes toys, hobby goods, and supplies. [4] Includes druggists sundries.
Source of tables 1297 and 1298: U.S. Bureau of the Census, *U.S. Census of Business: 1958*, vol. III; *1963*, vol. IV; *1967*, vol. III; and *Census of Wholesale Trade: 1972*, vol. I; *1977*, WC77-A-52; *1982*, WC82-A-52; and *1987*, WC87-A-52.

No. 1299. Merchant Wholesalers—Summary: 1988 to 1993

[**Inventories and stock/sales ratios**, as of **December, seasonally adjusted**. Data reflect latest revision. Based on Current Business Survey; see Appendix III. See *Historical Statistics, Colonial Times to 1970*, series T 280-371, for related sales data]

KIND OF BUSINESS	1987 SIC code [1]	1988	1989	1990	1991	1992	1993
SALES (bil. dol.)							
Merchant wholesalers		**1,622.0**	**1,725.1**	**1,786.3**	**1,762.0**	**1,824.4**	**1,922.6**
Durable goods	**50**	**812.9**	**858.0**	**883.1**	**858.1**	**902.8**	**979.4**
Motor vehicles, parts, and supplies	501	166.4	166.2	172.1	164.5	168.1	176.7
Furniture and homefurnishings	502	30.1	31.9	33.9	32.3	33.2	34.9
Lumber and construction materials	503	62.5	65.1	67.3	63.1	70.2	80.8
Professional and commercial equipment	504	93.5	108.3	112.1	121.0	135.4	150.7
Metals and minerals, except petroleum	505	76.9	75.8	71.2	67.4	65.9	70.0
Electrical goods	506	101.3	114.7	120.0	119.2	123.9	143.2
Hardware, plumbing and heating equipment	507	44.4	47.3	50.2	46.7	48.8	47.1
Machinery, equipment and supplies	508	142.2	156.3	168.5	160.8	167.2	180.9
Miscellaneous durable goods	509	95.4	92.3	87.9	83.1	90.1	95.0
Nondurable goods	**51**	**809.1**	**867.1**	**903.2**	**903.9**	**921.6**	**943.2**
Paper and paper products	511	46.7	50.3	51.2	51.6	54.2	58.8
Drugs, proprietaries, and sundries	512	40.1	44.9	51.1	58.9	66.0	72.8
Apparel, piece goods, and notions	513	53.7	63.1	67.6	68.6	73.4	75.6
Groceries and related products	514	236.0	259.1	272.5	277.0	279.2	289.5
Farm-product raw materials	515	124.2	119.9	108.2	103.2	104.8	96.9
Chemicals and allied products	516	34.2	32.8	35.0	35.8	37.5	38.0
Petroleum and petroleum products	517	118.5	129.2	138.2	125.5	124.4	121.6
Beer, wine, and distilled beverages	518	44.0	46.9	51.7	55.0	54.6	54.4
Miscellaneous nondurable goods	519	111.8	120.7	127.6	128.3	127.6	135.5
INVENTORIES (bil. dol.)							
Merchant wholesalers		**180.5**	**188.6**	**196.9**	**201.5**	**208.8**	**216.6**
Durable goods	**50**	**118.9**	**124.0**	**127.9**	**128.9**	**132.5**	**136.6**
Motor vehicles, parts, and supplies	501	22.5	22.0	23.7	24.3	24.1	24.9
Furniture and homefurnishings	502	4.6	4.7	4.7	4.6	4.9	4.7
Lumber and construction materials	503	5.9	6.3	6.3	6.3	6.9	7.3
Professional and commercial equipment	504	13.0	14.7	15.6	16.5	16.6	16.9
Metals and minerals, except petroleum	505	10.5	10.4	10.0	9.1	8.8	9.9
Electrical goods	506	14.2	15.7	16.4	17.0	18.5	19.0
Hardware, plumbing and heating equipment	507	7.1	7.9	8.1	7.9	8.1	8.3
Machinery, equipment and supplies	508	30.4	31.7	34.0	32.9	33.8	33.2
Miscellaneous durable goods	509	10.6	10.5	9.3	10.3	10.9	12.5
Nondurable goods	**51**	**61.7**	**64.6**	**69.0**	**72.5**	**76.2**	**80.0**
Paper and paper products	511	4.1	4.5	4.9	5.2	5.6	6.2
Drugs, proprietaries, and sundries	512	5.3	5.8	6.3	7.4	8.5	9.9
Apparel, piece goods, and notions	513	8.2	9.9	10.4	10.3	11.7	12.5
Groceries and related products	514	12.8	14.0	14.6	15.5	15.9	16.0
Farm-product raw materials	515	9.2	8.2	8.7	9.0	9.0	10.1
Chemicals and allied products	516	2.9	2.6	2.9	2.9	3.1	3.4
Petroleum and petroleum products	517	3.5	3.5	4.1	4.0	3.9	3.6
Beer, wine, and distilled beverages	518	4.1	4.3	4.6	5.0	4.7	5.0
Miscellaneous nondurable goods	519	11.5	11.7	12.5	13.2	14.0	13.4
STOCK/SALES RATIO							
Merchant wholesalers		**1.28**	**1.28**	**1.32**	**1.36**	**1.34**	**1.34**
Durable goods	**50**	**1.66**	**1.73**	**1.77**	**1.80**	**1.70**	**1.62**
Motor vehicles, parts, and supplies	501	1.57	1.68	1.68	1.80	1.66	1.67
Furniture and homefurnishings	502	1.66	1.74	1.70	1.80	1.62	1.60
Lumber and construction materials	503	1.06	1.19	1.26	1.17	1.07	0.94
Professional and commercial equipment	504	1.53	1.53	1.60	1.54	1.40	1.33
Metals and minerals, except petroleum	505	1.56	1.83	1.66	1.64	1.60	1.64
Electrical goods	506	1.55	1.55	1.70	1.70	1.71	1.51
Hardware, plumbing and heating equipment	507	1.83	1.94	1.91	2.02	2.07	2.07
Machinery, equipment and supplies	508	2.39	2.38	2.46	2.45	2.35	2.10
Miscellaneous durable goods	509	1.35	1.34	1.30	1.51	1.41	1.60
Nondurable goods	**51**	**0.88**	**0.86**	**0.90**	**0.95**	**0.99**	**1.03**
Paper and paper products	511	1.03	1.05	1.17	1.18	1.20	1.20
Drugs, proprietaries, and sundries	512	1.48	1.42	1.44	1.40	1.45	1.58
Apparel, piece goods, and notions	513	1.74	1.71	1.75	1.79	1.72	2.01
Groceries and related products	514	0.59	0.63	0.65	0.67	0.66	0.67
Farm-product raw materials	515	0.89	0.88	1.02	1.09	1.01	1.18
Chemicals and allied products	516	1.06	0.91	0.95	0.96	0.95	1.07
Petroleum and petroleum products	517	0.37	0.29	0.33	0.38	0.39	0.40
Beer, wine, and distilled beverages	518	1.09	1.06	0.97	1.04	1.08	1.15
Miscellaneous nondurable goods	519	1.20	1.10	1.18	1.23	1.44	1.21

[1] Based on 1987 Standard Industrial Classification code; see text, section 13.

Source: U.S. Bureau of the Census, *Current Business Reports, Combined Annual and Revised Monthly Wholesale Trade, January 1987 Through 1993*, (BW/93-RV).

No. 1300. Service Industries—Summary of Establishments, by Tax Status: 1987

[Data for firms subject to Federal income tax cover all establishments, except as noted. Data for firms exempt from Federal income tax cover only establishments with payroll. See *Historical Statistics, Colonial Times to 1970*, series T 391-443, for similar but not comparable data]

KIND OF BUSINESS	1987 SIC code [1]	Establishments [2] (1,000)	Receipts or revenues [3] (mil. dol.)	Annual payroll (mil. dol.)	Paid employees [4] (1,000)	Receipts or revenues per establishment [3] ($1,000)	Annual payroll per employee (dol.)
Firms subject to Federal income tax [5]	**(X)**	**6,254.5**	**868,343**	**289,807**	**16,054.7**	**474.9**	**18,051**
Hotels, rooming houses, camps, and other lodging places [5 6]	70 ex. 704	85.7	53,630	14,452	1,410.8	1,108.4	10,244
Hotels and motels	701	63.4	51,633	14,135	1,380.2	1,246.1	10,241
Personal services [5]	72	1,037.4	43,247	10,853	1,105.0	169.8	9,822
Laundry, cleaning, and garment services	721	108.6	14,184	4,388	408.3	252.6	10,746
Photographic studios, portrait	722	56.2	2,929	514	50.1	215.6	10,253
Beauty and barber shops	723, 4	407.3	11,990	3,538	390.7	91.0	9,055
Funeral service and crematories	726	22.3	5,668	1,362	82.6	343.7	16,479
Business services [5]	73	1,433.2	188,856	66,456	4,414.4	660.3	15,054
Advertising	731	79.2	16,802	5,537	181.6	630.2	30,493
Credit reporting and collection	732	[7] 7.1	[7] 4,124	1,415	82.8	[7] 582.8	17,078
Mailing, reproduction, stenographic	733	[7] 27.2	[7] 12,407	3,945	210.6	[7] 455.6	18,729
Services to dwellings and other buildings	734	290.4	15,649	6,555	746.0	277.1	8,788
Miscellaneous equipment rental and leasing	735	49.1	15,472	3,579	185.3	592.1	19,319
Personnel supply services	736	43.2	20,336	13,590	1,397.1	824.7	9,727
Computer and data processing services	737	140.5	56,004	19,142	637.4	1,362.7	30,031
Detective agencies and protective services	7381, 2	45.2	9,303	5,040	475.8	697.1	10,594
Automotive repair, services, and parking	75	388.2	58,278	11,690	785.3	340.1	14,886
Automotive rental and leasing, without drivers	751	19.9	16,679	2,366	134.6	1,448.2	17,576
Automobile parking	752	10.5	2,691	491	45.7	283.8	10,751
Automotive repair shops	753	301.3	34,182	7,727	485.6	250.1	15,913
Automotive services, except repair	754	56.4	4,726	1,106	119.4	230.4	9,258
Miscellaneous repair services [5]	76	247.6	24,597	6,416	345.8	318.0	18,551
Electrical repair shops	762	65.7	7,584	2,107	107.4	352.2	19,618
Amusement and recreation services [5 8]	78, 79, 84	467.0	64,524	15,474	1,094.4	579.4	14,139
Motion picture prod., distribution, services	781, 2	37.1	20,778	4,973	171.3	1,771.6	29,029
Motion picture theaters	783	8.6	4,056	584	94.1	511.5	6,211
Video tape rental	784	24.7	2,920	581	79.6	159.7	7,300
Producers, orchestras, entertainers [9]	792	186.9	7,725	1,607	55.2	625.0	29,092
Bowling centers	793	8.3	2,597	702	99.8	380.7	7,039
Commercial sports	794	50.6	5,966	2,047	75.5	1,577.6	27,106
Physical fitness facilities	7991	22.3	2,721	745	104.9	274.2	7,097
Amusement parks	7996	[7] 0.7	[7] 3,470	820	60.4	[7] 4,663.8	13,566
Membership sports and recreation clubs	7997	[7] 7.7	[7] 3,700	1,173	112.7	[7] 483.1	10,403
Health services [5]	80	800.6	196,211	78,820	3,592.5	448.2	21,940
Offices and clinics of doctors of medicine	801	297.7	96,698	43,856	1,131.6	462.7	38,756
Offices and clinics of dentists	802	131.3	25,258	8,760	491.5	230.6	17,822
Offices and clinics of chiropractors	8041	31.4	3,707	900	58.0	163.2	15,504
Offices and clinics of optometrists	8042	23.1	3,755	893	57.9	216.0	15,429
Nursing and personal care facilities	805	38.3	20,570	9,465	961.6	1,495.5	9,843
Hospitals	806	[7] 1.4	[7] 19,720	6,582	366.5	[7] 14,136.2	17,958
Medical and dental laboratories	807	[7] 14.8	[7] 7,114	2,567	131.8	[7] 479.4	19,474
Home health care services	808	[7] 5.1	[7] 3,024	1,578	184.8	[7] 595.3	8,542
Legal services	81	273.2	72,115	26,078	807.6	484.7	32,291
Selected educational services [5]	823, 4, 9	155.9	6,102	1,657	109.4	460.8	15,144
Vocational schools	824	[7] 3.7	[7] 3,058	1,086	65.3	[7] 826.1	16,637
Social services [5]	83	319.5	9,561	2,971	357.3	170.2	8,315
Child day care services	835	248.7	4,284	1,307	199.7	109.8	6,547
Engineering and architectural services	871	195.3	57,051	23,175	747.0	859.8	31,024
Accounting, auditing, and bookkeeping services	872	250.1	26,812	10,204	448.1	350.9	22,768
Research and testing services [10]	873 ex. 8733	[7] 12.4	[7] 14,184	5,615	222.2	[7] 1,144.8	25,266
Management and public relations services	874	418.8	43,381	14,515	551.8	580.4	26,303
Firms exempt from Federal income tax [5]	**(X)**	**175.8**	**267,490**	**117,976**	**6,736.7**	**1,521.3**	**17,513**
Membership sports and recreation clubs	7997	6.5	3,694	1,467	116.4	564.0	12,607
Museums, botanical, zoological gardens	84	2.7	2,597	778	52.1	961.9	14,933
Nursing and personal care facilities	805	4.1	8,201	4,264	371.5	1,995.5	11,479
Hospitals	806	5.9	172,001	82,342	3,964.1	29,137.9	20,772
Hospitals, excluding government	806	3.8	123,533	55,318	2,773.6	32,508.7	19,945
Social services [5]	83	63.0	31,552	11,617	1,109.5	500.8	10,470
Individual and family social services	832	21.9	8,585	3,629	312.7	392.7	11,606
Job training and related services	833	5.0	3,664	1,741	238.2	732.0	7,307
Residential care	836	10.5	6,125	2,768	240.5	584.8	11,507
Business associations	861	12.3	6,756	1,996	87.5	549.3	22,819
Professional membership organizations	862	5.6	4,110	1,133	49.3	732.6	22,981
Civic, social, and fraternal associations	864	40.4	8,569	2,779	322.9	212.0	8,604
Research and testing services	873	3.2	8,303	3,088	107.8	2,623.5	28,643

X Not applicable. [1] Based on 1987 Standard Industrial Classification; see text, section 13. [2] Represents the number of establishments in business at any time during year. [3] Receipts refer to establishments subject to Federal income tax. Revenues refer to establishments exempt from Federal income tax. [4] For pay period including March 12. [5] Includes other kinds of business, not shown separately. [6] Excludes membership lodging. [7] Covers only establishments with payroll. [8] Includes motion pictures and museums. [9] Excludes motion picture producers. [10] Excludes noncommercial research organizations.

Source: U.S. Bureau of the Census, *1987 Census of Service Industries*, SC87-A-52, SC87-N-1, and SC87-S-4.

No. 1301. Selected Service Industries—Summary: 1982 and 1987

[For establishments with payroll]

KIND OF BUSINESS	1972 SIC code [1]	ESTABLISHMENTS [2] (1,000)		RECEIPTS OR EXPENSES [3] (mil. dol.)		PAID EMPLOYEES [4] (1,000)	
		1982	1987	1982	1987	1982	1987
Firms subject to Federal income tax [5]	(X)	**1,339.2**	**1,624.6**	**426,982**	**752,474**	**11,106**	**15,688**
Hotels, rooming houses, camps, and other lodging places	70	44.3	46.8	33,215	51,865	1,102	1,411
Personal services	72	179.6	196.1	22,980	35,133	970	1,209
Business services	73	230.1	339.3	106,866	216,807	3,152	5,250
Automotive repair, services, and parking	75	123.6	151.2	30,695	51,423	553	785
Miscellaneous repair services	76	58.2	65.5	14,133	20,838	300	346
Amusement and recreation services [6]	78, 79	73.0	74.3	33,115	52,808	804	929
Health services, except hospitals	80 ex. 806	360.4	405.4	95,610	162,569	2,433	3,226
Legal services	81	122.7	138.2	34,325	66,998	569	608
Selected educational services	823, 4, 9	7.8	10.6	2,400	4,882	68	109
Social services	83	29.7	43.1	3,636	7,330	222	357
Engineering, architectural, surveying services	891	47.6	62.3	34,315	53,563	581	747
Accounting, auditing, and bookkeeping services	893	55.3	69.8	14,596	24,483	330	448
Firms exempt from Federal income tax [5]	(X)	**151.6**	**169.9**	**54,522**	**87,448**	**2,280**	**2,773**
Selected health services	805, 8, 9	10.2	13.2	10,438	19,084	476	684
Social services	83	54.2	63.0	16,455	26,884	904	1,110
Selected membership organizations	861,2,4,9	63.2	68.0	15,093	22,028	493	539

X Not applicable. [1] Based on 1972 Standard Industrial Classification; see text, section 13. [2] Number of establishments in business at any time during the year. [3] Receipts refer to establishments subject to Federal income tax. Expenses refer to establishments exempt from Federal income tax. [4] For pay period including March 12. [5] Excludes hospitals. Includes other kinds of business, not shown separately. [6] Includes motion pictures.

Source: U.S. Bureau of the Census, *1987 Census of Service Industries*, Geographic Area Series, SC87-A-52.

No. 1302. Selected Service Industries—Revenue and Expenses for Tax-Exempt Firms: 1990 to 1992

[**In billions of dollars**. Estimated from a sample of employer firms only]

KIND OF BUSINESS	1987 SIC code [1]	REVENUE			EXPENSES		
		1990	1991	1992	1990	1991	1992
Selected amusement and recreation services [2]	792, 7991, 7997, 7999	8.2	8.5	9.5	8.1	8.5	9.5
Nursing and personal care facilities	805	9.3	10.5	11.7	9.2	10.3	11.5
Hospitals	806	251.9	279.6	302.1	226.6	248.5	270.8
Home health care services	808	3.2	3.9	4.8	3.1	3.8	4.5
Health and allied services, n.e.c.	809	4.6	5.1	6.1	4.6	5.2	5.9
Social services	83	44.6	48.3	52.9	39.8	43.5	47.6
Individual and family social services	8322	12.8	14.2	15.8	12.2	13.7	15.0
Job training and related services	8331	5.1	5.6	6.0	4.8	5.5	5.8
Child day care services	8351	2.9	3.2	3.8	3.0	3.2	3.7
Residential care	8361	8.6	9.3	10.1	8.4	9.2	9.9
Museums, botanical, zoological gardens	84	3.0	3.2	3.4	2.8	3.1	3.2
Selected membership organizations [3]	86 (pt)	34.0	36.1	39.1	29.3	31.8	34.3
Research and testing services	873	12.1	13.0	14.6	11.3	12.3	13.9

[1] Standard Industrial Classification; see text, section 13. [2] Covers theatrical producers, bands, orchestras, and entertainers (SIC 792); physical fitness facilities (SIC 7991); membership sports and recreation clubs (SIC 7997); and amusement and recreation services, not elsewhere classified (SIC 7999). [3] Includes business associations (SIC 861); professional membership organizations (SIC 862); civic, social, and fraternal organizations (SIC 864); and other membership organizations, except labor unions and political and religious organizations (SIC 869).

Source: U.S. Bureau of the Census, *Current Business Reports, Service Annual Survey: 1992* (BS/92).

No. 1303. National Nonprofit Associations—Number, by Type: 1980 to 1993

[Data compiled during last few months of year previous to year shown and the beginning months of year shown]

TYPE	1980	1985	1990	1993	TYPE	1980	1985	1990	1993
Total	**14,726**	**19,121**	**22,289**	**22,691**	Fraternal, foreign interest, nationality, ethnic	435	492	573	567
Trade, business, commercial	3,118	3,719	3,918	3,837	Religious	797	953	1,172	1,230
Agriculture	677	882	940	1,130	Veteran, hereditary, patriotic	208	281	462	594
Legal, governmental, public admin., military	529	658	792	787	Hobby, avocational	910	1,311	1,475	1,516
Scientific, engineering, tech	1,039	1,270	1,417	1,360	Athletic sports	504	737	840	849
Educational	[1]2,376	[1]2,822	1,291	1,301	Labor unions	235	252	253	247
Cultural	([1])	([1])	1,886	1,897	Chambers of Commerce [2]	105	142	168	169
Social welfare	994	1,450	1,705	1,833	Greek and non-Greek letter societies	318	331	340	339
Health, medical	1,413	1,886	2,227	2,325	Fan clubs	(NA)	(NA)	581	501
Public affairs	1,068	1,935	2,249	2,209					

NA Not available. [1] Data for cultural associations included with educational associations. [2] National and binational.

Source: Gale Research Inc., Detroit, MI. Compiled from *Encyclopedia of Associations*, annual, (copyright).

No. 1304. Services—Establishments, Employees, and Payroll: 1990 and 1991

[Covers establishments with payroll. Excludes government employees, railroad employees, self-employed persons, etc. For statement on methodology, see Appendix III]

KIND OF BUSINESS	1987 SIC code [1]	ESTABLISHMENTS (1,000)		EMPLOYEES (1,000)		PAYROLL (bil. dol.)	
		1990	1991	1990	1991	1990	1991
Services, total [2]	(I)	**2,059.3**	**2,141.7**	**28,800**	**29,575**	**599.4**	**639.4**
Hotels and other lodging places [2]	70	50.6	52.6	1,529	1,508	19.1	19.4
Hotels and motels	701	39.2	40.9	1,463	1,441	18.3	18.6
Personal services [2]	72	186.1	193.9	1,196	1,229	13.5	14.1
Laundry, cleaning, and garment services [2]	721	50.4	53.0	418	427	5.2	5.4
Coin-operated laundries and cleaning	7215	11.1	11.5	45	45	0.4	0.4
Drycleaning plants, except rug	7216	17.6	18.2	148	141	1.6	1.6
Beauty shops	723	76.1	78.6	371	374	3.9	4.0
Funeral service and crematories	726	14.9	15.0	85	85	1.7	1.7
Business services [2]	73	292.3	309.7	5,119	5,213	98.1	103.0
Advertising	731	19.1	20.5	204	205	7.3	7.3
Advertising agencies	7311	11.1	11.0	137	132	5.4	5.3
Mailing, reproduction, stenographic	733	26.2	27.7	233	238	5.1	5.3
Services to buildings	734	48.5	52.8	802	807	8.3	8.8
Miscellaneous equipment rental and leasing	735	22.6	23.1	209	206	4.9	4.9
Personnel supply services [2]	736	27.0	27.6	1,518	1,527	20.6	21.6
Employment agencies	7361	12.8	12.8	247	261	4.3	4.2
Help supply services	7363	13.3	14.2	1,210	1,230	15.6	17.0
Computer and data processing services [2]	737	40.5	43.8	773	799	28.5	30.6
Computer programming services	7371	12.4	13.2	217	221	8.9	9.5
Data processing and preparation	7374	6.8	6.8	229	225	6.4	6.7
Miscellaneous business services	738	62.7	70.3	1,093	1,159	17.2	18.3
Detective and armored car services	7381	9.4	10.2	467	474	5.2	5.4
Automotive repair, services, and parking [2]	75	156.6	162.8	877	862	15.2	15.3
Automotive rentals, no drivers	751	10.5	10.5	147	141	2.9	2.9
Automotive repair shops [2]	753	112.7	117.4	507	498	9.6	9.7
Top and body repair and paint shops	7532	30.5	31.3	164	156	3.2	3.2
General automotive repair shops	7538	54.8	57.4	214	214	3.8	4.0
Automotive services, except repair	754	18.1	19.4	145	146	1.5	1.6
Miscellaneous repair services	76	67.4	69.5	403	402	8.7	9.1
Electrical repair shops	762	17.2	17.7	115	115	2.6	2.8
Motion pictures [2]	78	35.4	36.8	430	420	8.6	8.4
Motion picture production and services	781	9.2	9.6	189	176	5.9	5.8
Video tape rental	784	16.4	17.5	103	109	0.8	0.8
Amusement and recreation services [2]	79	75.2	79.8	1,032	1,060	16.1	17.3
Membership sports and recreation clubs	7997	13.1	13.6	242	247	3.4	3.7
Health services [2]	80	436.7	447.9	8,811	9,202	213.8	234.8
Offices and clinics of medical doctors	801	193.6	195.6	1,387	1,454	63.0	68.2
Offices and clinics of dentists	802	104.7	106.4	533	544	11.6	12.3
Offices and clinics of chiropractors	8041	22.9	24.6	73	77	1.3	1.5
Offices and clinics of optometrists	8042	15.3	15.4	63	64	1.1	1.2
Nursing and personal care facilities	805	19.1	19.6	1,461	1,520	18.6	20.7
Hospitals	806	6.3	6.6	4,325	4,466	99.2	108.5
Medical and dental laboratories	807	14.4	14.7	158	169	3.8	4.3
Home health care services	808	7.7	8.2	351	397	4.8	5.9
Legal services [2]	81	142.4	145.9	932	941	36.0	37.3
Educational services [2]	82	36.0	38.1	1,755	1,819	29.5	31.9
Elementary and secondary schools	821	14.3	14.9	451	470	6.6	7.2
Colleges and universities	822	3.0	3.1	1,082	1,122	19.2	20.8
Social services [2]	83	115.6	124.8	1,750	1,862	20.9	23.3
Individual and family services	832	27.6	29.6	408	441	5.6	6.3
Job training and related services	833	6.9	7.3	289	298	2.8	3.0
Child day care services	835	39.0	40.8	405	419	3.4	3.8
Residential care	836	21.0	22.3	417	450	5.4	6.1
Membership organizations [2]	86	218.2	234.3	1,892	1,968	22.6	24.4
Business associations	861	12.7	13.8	99	98	2.7	2.9
Labor organizations	863	19.2	19.9	176	181	2.7	2.8
Civic and social associations	864	40.0	43.4	368	385	3.7	4.1
Religious organizations	866	128.8	139.1	1,096	1,143	10.1	11.0
Engineering and management services [2]	87	201.1	213.6	2,473	2,565	79.8	84.5
Engineering services	8711	33.1	34.0	652	652	24.9	25.5
Architectural services	8712	15.7	15.8	140	128	4.8	4.4
Accounting, auditing, and bookkeeping	872	67.9	71.3	524	559	13.8	14.9
Research and testing services	873	14.9	15.8	393	403	12.3	13.2
Commercial physical research	8731	3.7	4.1	165	167	6.5	7.0
Management services	8741	15.3	16.6	286	307	7.7	8.5
Management consulting services	8742	24.5	27.2	226	244	8.6	9.6

[1] Based on 1987 Standard Industrial Classification; see text, section 13. [2] Includes kinds of business not shown separately.

Source: U.S. Bureau of the Census, *County Business Patterns*, annual.

No. 1305. Service Industries—Annual Receipts of Taxable Firms: 1985 to 1992

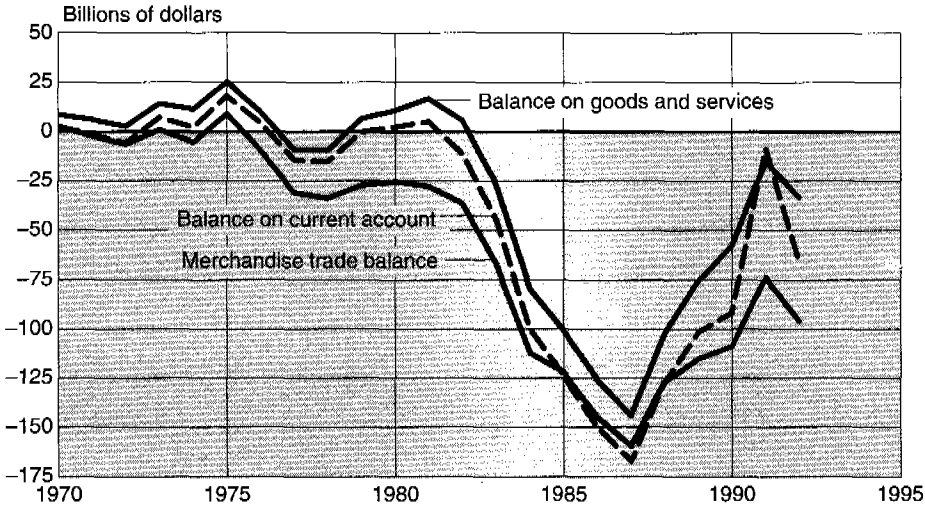
[In billions of dollars. Covers employer and nonemployer firms except as noted. Estimated]

KIND OF BUSINESS	1987 SIC code [1]	1985	1987	1988	1989	1990	1991	1992
Hotels and other lodging places [2]	70	45.4	53.6	57.6	59.0	60.7	60.5	64.6
Hotels and motels	701	43.5	51.6	55.5	56.9	58.5	58.3	62.1
Personal services [3]	72	36.7	43.2	48.4	52.1	55.3	54.5	59.1
Laundry, cleaning, and garment services	721	12.8	14.2	15.5	16.3	17.0	17.2	18.3
Beauty shops	723	9.0	10.6	11.3	12.1	12.1	12.1	13.1
Funeral service and crematories	726	5.2	5.7	6.3	6.5	7.0	7.4	7.9
Business services [3]	73	155.9	188.9	222.4	249.1	276.5	282.1	302.6
Advertising	731	14.9	16.8	18.8	20.0	21.6	20.8	21.9
Advertising agencies	7311	11.1	12.0	13.8	15.0	16.3	15.5	16.3
Credit reporting and collection	732	4.4	5.5	5.6	6.0	6.4	6.5	7.0
Mailing, reproduction, stenographic [3]	733	13.6	16.6	18.4	19.9	21.7	21.5	22.3
Direct mail advertising services	7331	4.4	5.5	6.5	6.8	7.9	7.8	8.5
Commercial art and graphic design	7336	(NA)	(NA)	(NA)	(NA)	6.5	6.5	6.6
Services to dwellings and other buildings	734	13.3	15.6	17.3	19.7	21.3	21.0	21.6
Miscellaneous equipment rental and leasing	735	(NA)	(NA)	(NA)	(NA)	21.6	21.1	21.2
Personnel supply services	736	14.6	20.3	24.3	26.3	28.6	27.8	30.4
Employment agencies	7361	3.4	4.0	5.0	6.1	7.5	7.1	7.6
Help supply services	7363	(NA)	(NA)	(NA)	(NA)	21.1	20.6	22.8
Computer and data processing services [3]	737	45.2	56.0	67.7	77.2	85.8	91.3	100.7
Computer programming services	7371	(NA)	(NA)	(NA)	(NA)	19.0	20.9	22.2
Prepackaged software	7372	(NA)	(NA)	(NA)	(NA)	11.4	12.6	14.5
Computer integrated systems design	7373	(NA)	(NA)	(NA)	(NA)	18.7	19.9	22.0
Data processing and preparation	7374	(NA)	(NA)	(NA)	(NA)	17.9	19.0	20.7
Miscellaneous business services [3]	738	(NA)	(NA)	(NA)	(NA)	69.5	72.2	77.6
Detective, guard, and armored car services	7381	(NA)	(NA)	(NA)	(NA)	9.3	9.9	10.0
Photofinishing laboratories	7384	4.9	5.4	6.0	6.5	6.4	6.8	7.3
Automotive repair, services, and parking [3]	75	51.7	58.3	66.4	71.7	75.0	73.3	79.5
Automotive rentals, no drivers [3]	751	14.6	16.7	19.5	21.1	23.2	22.8	23.5
Truck rental and leasing, without drivers	7513	5.5	6.5	7.6	8.2	8.9	8.4	8.2
Passenger car rental	7514	(NA)	(NA)	(NA)	(NA)	9.7	10.3	11.2
Automotive repair shops [3]	753	30.5	34.2	38.6	41.9	43.4	41.9	46.4
Top & body repair & paint shops	7532	(NA)	(NA)	(NA)	(NA)	13.4	12.7	13.8
General automotive repair shops	7538	(NA)	(NA)	(NA)	(NA)	14.8	13.4	16.0
Automotive services, except repair	754	(NA)	(NA)	(NA)	(NA)	6.2	6.4	7.3
Miscellaneous repair services	76	20.7	24.6	27.8	30.3	33.4	33.1	36.3
Electrical repair shops	762	(NA)	(NA)	(NA)	(NA)	11.1	11.1	11.6
Motion pictures	78	21.6	27.8	31.2	35.0	38.1	41.1	43.8
Motion picture produc., distribution, allied services	781,2	15.1	20.8	22.6	24.7	26.1	28.5	30.6
Motion picture theaters	783	3.8	4.1	4.7	5.7	6.6	7.0	6.9
Video tape rental	784	(NA)	(NA)	(NA)	(NA)	5.4	5.6	6.3
Amusement and recreation services [3]	79	31.2	36.6	40.2	42.2	46.5	46.7	51.1
Producers, orchestras, entertainers	792	6.4	7.7	8.1	7.5	9.2	9.5	10.1
Commercial sports	794	5.0	6.0	6.9	7.9	9.3	9.7	10.6
Professional sports clubs and promoters	7941	(NA)	(NA)	(NA)	(NA)	4.6	5.2	5.9
Health services [3] [4]	80	147.4	182.3	203.8	220.1	244.5	262.7	285.0
Offices and clinics of doctors of medicine	801	72.1	90.5	100.8	107.5	117.0	124.5	135.0
Offices and clinics of dentists	802	20.6	24.0	25.6	27.1	28.8	30.0	32.9
Offices and clinics of chiropractors	8041	2.7	3.3	4.0	4.4	4.8	5.0	5.8
Nursing and personal care facilities	805	17.5	20.1	21.4	23.3	26.4	28.8	30.7
Hospitals [3]	806	15.7	19.7	22.6	24.7	28.3	30.7	33.1
General medical and surgical hospitals	8062	(NA)	(NA)	(NA)	(NA)	21.8	23.7	25.8
Psychiatric hospitals	8063	(NA)	(NA)	(NA)	(NA)	5.1	5.4	5.4
Medical laboratories	8071	3.9	5.5	6.6	7.4	8.2	8.8	9.3
Home health care services	808	(NA)	(NA)	(NA)	(NA)	6.2	7.4	8.9
Legal services [4]	81	52.8	67.0	75.2	81.4	88.3	89.5	96.2
Social services [4]	83	(NA)	(NA)	(NA)	(NA)	12.3	13.1	14.4
Residential care	8361	(NA)	(NA)	(NA)	(NA)	4.7	5.3	5.5
Engineering and management services	87	(NA)	(NA)	(NA)	(NA)	190.3	194.9	207.6
Engineering & architectural services [3]	871	49.3	57.1	61.2	70.0	73.6	73.7	75.8
Engineering services	8711	(NA)	(NA)	(NA)	(NA)	58.8	59.7	61.5
Architectural services	8712	(NA)	(NA)	(NA)	(NA)	12.1	11.4	11.8
Accounting, auditing, & bookkeeping	8721	21.2	26.6	29.2	32.2	32.5	33.6	37.0
Research and testing services [5]	873, ex. 8733	(NA)	(NA)	(NA)	(NA)	22.3	22.8	24.7
Commercial physical research	8731	6.0	7.2	8.9	10.3	11.7	11.8	13.0
Management and public relations	874	37.5	43.4	51.5	57.2	61.9	64.8	70.0
Management services	8741	(NA)	(NA)	(NA)	(NA)	20.9	22.1	24.0
Management consulting services	8742	(NA)	(NA)	(NA)	(NA)	25.3	26.1	28.1
Facilities support services	8744	(NA)	(NA)	(NA)	(NA)	6.3	7.0	7.4
Arrangement of passenger transportation	472	6.3	7.3	8.0	8.7	9.0	8.5	9.0
Real estate agents and managers [4]	653	31.3	38.2	42.2	44.1	44.1	43.7	50.2

NA Not available. [1] Standard Industrial Classification; see text, section 13. [2] Excludes those on membership basis. [3] Includes other kinds of businesses, not shown separately. [4] Covers employer firms only. [5] Excludes noncommercial research organizations.

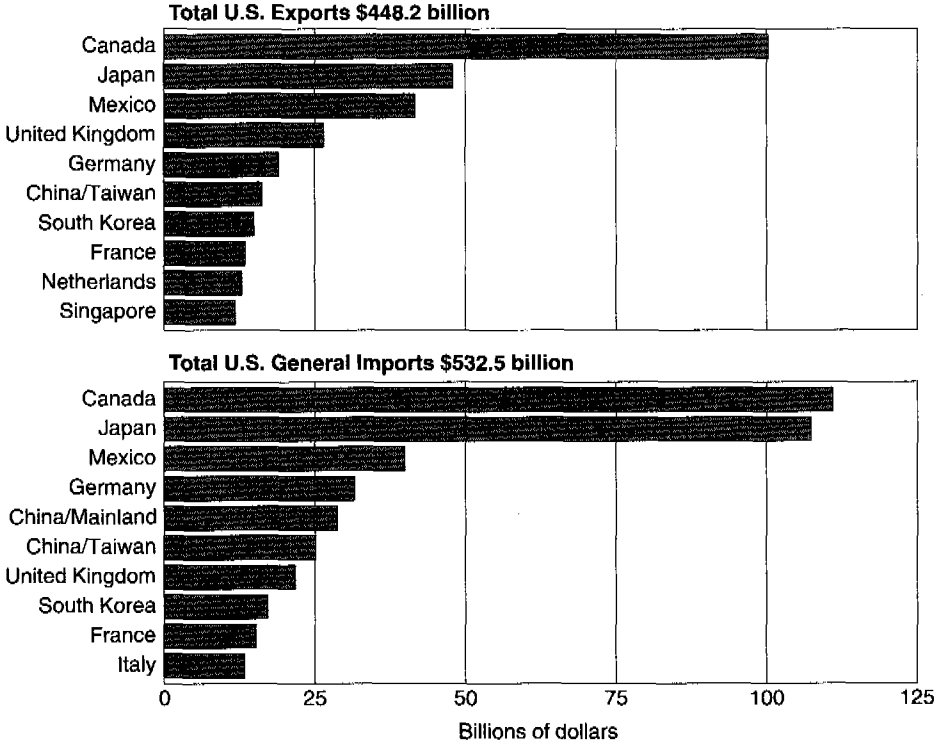
Source: U.S. Bureau of the Census, *Current Business Reports, Service Annual Survey: 1992* (BS/92); and unpublished data.

Figure 28.1
U.S. International Transaction Balances: 1970 to 1992



Source: Chart prepared by U.S. Bureau of the Census. For data, see table 1307.

Figure 28.2
Top Purchasers of U.S. Exports and Suppliers of U.S. General Imports: 1992



Source: Chart prepared by U.S. Bureau of the Census. For data, see table 1329.

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.* Statistics for the foreign aid programs are presented by the Agency for International Development (AID) in 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 *U.S. Merchandise Trade*, (beginning 1994, retitled *U.S. International Trade in Goods and Services*) report series FT900, and *U.S. Merchandise Trade: Exports, General Imports, and Imports for Consumption*, report series FT925. 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 *Monthly Treasury Statement of Receipts and Outlays of the United States Government* contains information on import duties.

International accounts.—The international transactions tables (Nos. 1306 to 1308) 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. 1309) 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 changes in prices of securities, defaults, expropriations, and write-offs.

In Brief

The U.S. international trade in goods and services ran a deficit of $75.7 billion in 1993 with goods being in deficit $132.6 billion and services in surplus $56.9 billion

Canada was the major source of U.S. imports in 1993 with $111 billion followed closely by Japan, $107 billion, and Mexico a distant third with $40 billion

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

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 allowance 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.

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 were also made in the Department of Defense Appropriation Act (rather than the Foreign Assistance Appropriation Act) beginning in 1966 for certain countries in Southeast Asia and in other legislation concerning program 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 include estimates based upon selected samples of such shipments. The dollar value of the "low-valued" shipments has varied. For instance, effective January 1987 through September 1989, data are estimated for shipments valued under $1,501; from October 1989 through December 1989, data are estimated for shipments valued under $2,501 to all countries.

Effective January 1990, the United States began substituting Canadian import statistics for U.S. exports to Canada. As a result of the data exchange between the United States and Canada, the United States has adopted the Canadian import exemption level for its export statistics based on shipments to Canada.

Data are estimated for shipments valued under $2,501 to all countries, except Canada, using factors based on the ratios of low-valued shipments to individual

country totals. These shipments represent slightly less than 2.5 percent of the monthly value of U.S. exports to those countries. Data are estimated for shipments reported on Canadian import documents which total less than $900 (Canadian). Such shipments represent 2 percent of the monthly value of U.S. exports to Canada.

Prior to 1989, exports were based on Schedule B, Statistical Classification of Domestic and Foreign Commodities Exported from the United States. These statistics were retabulated and published using Schedule E, Standard International Trade Classification, Revision 2. Beginning in 1989, Schedule B classifications were based on the Harmonized System and made to coincide with the Standard International Trade Classification, Revision 3. This revision will affect the comparability of most export series beginning with the 1989 data.

Imports.—The Bureau of the Census compiles import data from various customs forms required to be filed with customs officials. From 1974-1981, data on import values were 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 did not reflect the actual transaction value. Beginning 1982, import data are based on customs values, i.e., the price paid by the buyer to the seller in accordance with the 1979 Trade Agreement Act amendments to the 1930 Tariff Act. For the c.i.f. imports, the new customs value was substituted for the arms-length transaction value used for 1981 and earlier years. The f.a.s. transaction values were discontinued as of January 1982. 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, entries into customs bonded warehouses, and entries into U.S. Foreign Trade Zones, thus generally reflecting total arrivals of merchandise. Imports for consumption are a combination of entries for immediate consumption, withdrawals from warehouses for consumption, and entries of merchandise into U.S. customs territory from U.S. Foreign Trade Zones, thus generally reflecting the total of the commodities entered into U.S. consumption channels.

Since July 1953, the import statistics include estimates, not classified by commodity, for certain low-valued shipments. For instance, from January 1985 through September 1989, import statistics include estimates for shipments valued under $1,001. Effective October 1989, import statistics are fully compiled on shipments valued over $1,250 or, under certain textile programs, for any article which must be reported on a formal entry. Value data for shipments valued under $1,251 and not required to be reported on formal entries are estimated for individual countries using factors based on the ratios of low-valued shipments to individual country totals for past periods. The estimated low-valued shipments generally amount to slightly less than 4 percent of the import total.

Prior to 1989, imports were based on the Tariff Schedule of the United States Annotated. The statistics were retabulated and published using Schedule A, Standard International Trade Classification, Revision 2. Beginning in 1989, the statistics are based on the Harmonized Tariff Schedule of the United States, which coincides with the Standard International Trade Classification, Revision 3. This revision will affect the comparability of most import series beginning with the 1989 data.

Area coverage.—Except as noted, the geographic area covered by the export and import trade statistics is the United States Customs area (includes the 50 States, the District of Columbia and Puerto Rico), the U.S. Virgin Islands (effective January 1981), and U.S. Foreign Trade Zones (effective July 1982). Data for selected tables and total values for 1980, have been revised to reflect the U.S. Virgin Islands' trade with foreign countries, where possible.

No. 1306. U.S. International Transactions, by Type of Transaction: 1980 to 1992

[In millions of dollars. Minus sign (-) indicates debits. See also *Historical Statistics, Colonial Times to 1970*, series U 1-25]

TYPE OF TRANSACTION	1980	1983	1984	1985	1986	1987	1988	1989	1990	1991	1992
Exports of goods and services [1]	**344,440**	**351,613**	**391,435**	**380,051**	**398,583**	**445,216**	**550,323**	**629,468**	**680,890**	**704,914**	**726,948**
Merchandise, excl. military [2 3]	224,250	201,799	219,926	215,915	223,344	250,208	320,230	361,697	388,705	415,962	439,272
Foods, feeds, and beverages	36,278	32,091	32,196	24,566	23,522	25,229	33,770	37,429	35,117	35,737	40,114
Industrial supplies and materials	72,088	58,936	64,120	61,159	64,720	70,052	90,019	99,907	105,682	109,977	109,570
Capital goods, except automotive	76,283	71,660	77,007	79,322	82,815	92,707	119,103	139,563	153,279	167,029	176,837
Automotive vehicles and parts [4]	17,443	18,461	22,422	24,945	25,097	27,583	33,397	34,940	36,504	40,045	46,686
Consumer goods (nonfood) [5]	17,751	14,925	15,085	14,593	16,730	20,307	26,981	36,565	42,779	45,944	50,386
Services	47,584	64,199	71,094	73,026	86,241	98,434	110,636	127,080	148,638	163,637	178,503
Transfers under U.S. military agency sales contracts	9,029	12,524	9,969	8,718	8,549	11,106	9,289	8,526	9,833	10,691	10,901
Travel	10,588	10,947	17,320	17,920	20,529	23,718	29,665	36,571	43,418	48,757	54,689
Passenger fares	2,591	3,610	4,058	4,382	5,545	6,966	8,925	10,525	15,140	15,627	16,868
Other transportation	11,618	12,590	13,809	14,674	15,784	17,334	19,456	21,095	22,942	23,625	24,672
Royalties and license fees	7,085	5,745	6,098	6,550	7,927	9,914	11,802	13,064	16,470	17,799	19,626
Other private services	6,276	[6]18,117	19,126	19,904	27,312	28,869	30,835	36,711	40,166	46,444	50,868
U.S. Government misc. services	398	666	714	878	595	526	664	587	668	693	879
Income on U.S. assets abroad	72,606	85,614	100,415	91,110	88,998	96,574	119,456	140,692	143,547	125,315	109,173
Direct investment	37,146	26,528	30,581	29,630	30,850	38,080	50,436	54,490	55,428	49,221	49,606
Other private receipts	32,898	54,255	64,607	55,981	51,735	53,183	62,318	80,567	77,612	67,990	53,139
U.S. Government receipts	2,562	4,832	5,227	5,499	6,413	5,311	6,703	5,635	10,508	8,104	6,428
Imports of goods, services and income	**-333,774**	**-377,495**	**-469,647**	**-478,821**	**-521,937**	**-585,637**	**-652,109**	**-705,005**	**-738,401**	**-716,624**	**-758,036**
Merchandise, excl. military [2 3]	-249,750	-268,901	-332,418	-338,088	-368,425	-409,765	-447,189	-477,365	-497,558	-489,398	-535,547
Foods, feeds, and beverages	-18,564	-18,824	-21,879	-21,850	-24,376	-24,809	-24,928	-25,077	-26,653	-26,467	-27,879
Industrial supplies and materials	-132,472	-108,794	-124,109	-114,008	-104,210	-113,746	-122,684	-135,112	-144,831	-132,032	-139,770
Capital goods, except automotive	-31,576	-43,735	-60,367	-61,287	-71,990	-85,128	-102,202	-112,453	-116,040	-120,735	-134,411
Automotive vehicles and parts [4]	-28,257	-43,044	-56,521	-65,905	-78,061	-85,174	-87,947	-87,380	-87,695	-84,941	-91,238
Consumer goods (nonfood) [5]	-34,268	-47,277	-61,094	-66,336	-79,355	-88,824	-96,425	-103,453	-105,294	-108,024	-123,003
Services	-41,491	-54,894	-67,657	-72,859	-79,892	-90,243	-97,930	-101,314	-116,583	-118,341	-123,378
Direct defense expenditures	-10,851	-13,087	-12,516	-13,108	-13,730	-14,918	-15,643	-15,364	-17,651	-16,215	-13,404
Travel	-10,397	-13,149	-22,913	-24,558	-25,913	-29,310	-32,114	-33,418	-37,349	-36,958	-43,534
Passenger Fares	-3,607	-6,003	-5,724	-6,484	-6,554	-7,318	-7,768	-8,258	-10,608	-10,636	-11,781
Other transportation	-11,790	-12,222	-14,843	-15,643	-16,715	-17,788	-19,534	-20,664	-23,401	-23,297	-23,401
Royalties and license fees	-724	-941	-1,164	-1,165	-1,392	-1,844	-2,585	-2,602	-3,133	-3,984	-4,290
Other private services	-2,909	[6]-7,924	-8,963	-10,166	-13,901	-17,172	-18,365	-19,137	-22,522	-25,154	-24,707
U.S. Government miscellaneous services	-1,214	-1,568	-1,534	-1,735	-1,686	-1,893	-1,921	-1,871	-1,919	-2,097	-2,262
Income on foreign assets in the United States	-42,532	-53,700	-69,572	-67,875	-73,620	-85,629	-106,991	-126,326	-124,261	-108,886	-99,111
Direct investment	-8,635	-4,206	-8,723	-7,213	-7,058	-7,425	-11,693	-6,643	-1,083	3,675	-404
Other private payments	-21,214	-30,501	-39,694	-37,689	-42,491	-52,913	-65,133	-83,827	-85,308	-73,575	-59,846
U.S. Government payments	-12,684	-18,993	-21,155	-22,972	-24,071	-25,291	-30,164	-35,856	-37,870	-38,986	-38,861
Unilateral transfers (excl. military grants, net	**-8,349**	**-17,741**	**-20,612**	**-22,950**	**-24,176**	**-23,052**	**-24,669**	**-25,606**	**-32,916**	**8,028**	**-31,360**
U.S. Government grants	-5,486	-6,469	-8,696	-11,268	-11,867	-10,287	-10,506	-10,773	-17,597	24,487	-13,832
U.S. Government pensions	-1,818	-2,207	-2,159	-2,138	-2,197	-2,221	-2,501	-2,517	-2,945	-3,462	-3,736
Private remittances and other transfers	-1,044	[6]9,066	9,756	9,545	-10,112	-10,544	-11,863	-12,316	-12,374	-12,996	-13,793

TYPE OF TRANSACTION	1980	1983	1984	1985	1986	1987	1988	1989	1990	1991	1992
U.S. assets abroad, net (increase/capital outflow (-))	**-86,967**	**-58,856**	**-29,224**	**-34,069**	**-91,069**	**-62,402**	**-92,708**	**-114,944**	**-56,321**	**-62,220**	**-44,900**
U.S. official reserve assets, net	-8,155	-1,196	-3,131	-3,858	312	9,149	-3,912	-25,293	-2,158	5,763	3,901
Special drawing rights	-16	-66	-979	-897	-246	-509	127	-535	-192	-177	2,316
Reserve position in the International Monetary Fund	-1,667	-4,434	-995	908	1,501	2,070	1,025	471	731	-367	-2,692
Foreign currencies	-6,472	3,304	-1,156	-3,869	-942	7,588	-5,064	-25,229	-2,697	6,307	4,277
U.S. Govt. assets, other than official reserve assets, net	-5,162	-5,006	-5,489	-2,821	-2,022	1,006	2,967	1,271	2,304	3,397	-959
U.S. credits and other long-term assets	-9,860	-9,967	-9,599	-7,657	-9,084	-6,506	-7,680	-5,580	-8,417	-12,123	-5,144
Repayments on U.S. credits and other long-term assets [7]	4,456	5,012	4,490	4,719	6,089	7,625	10,370	6,725	10,853	16,522	4,242
U.S. foreign currency holdings and U.S. short-term assets, net	242	-51	-379	117	973	-113	277	126	-131	-1,002	-57
U.S. private assets, net	-73,651	-52,654	-20,605	-27,391	-89,360	-72,556	-91,762	-90,922	-56,467	-71,379	-47,843
Direct investments abroad	-19,222	-4,889	-10,948	-13,401	-17,090	-27,181	-15,448	-28,995	-32,694	-27,135	-35,311
Foreign securities	-3,568	-6,762	-4,756	-7,481	-4,271	-5,251	-7,846	-22,070	-28,765	-45,017	-48,646
U.S. claims on unaffiliated foreigners reported by U.S. nonbanking concerns	-4,023	-11,075	6,226	-5,186	-8,024	1,995	-12,146	11,398	-2,477	5,526	(NA)
U.S. claims reported by U.S. banks, n.i.e. [8]	-46,838	-29,928	-11,127	-1,323	-59,975	-42,119	-56,322	-51,255	7,469	-4,753	32,372
Foreign assets in the U.S., net (increase/capital inflow (+))	**58,112**	**83,380**	**102,010**	**130,966**	**223,191**	**229,972**	**219,489**	**213,693**	**99,379**	**66,980**	**120,400**
Foreign official assets in the U.S., net	15,497	5,845	3,140	-1,119	35,648	45,387	39,758	8,489	33,908	18,407	40,307
U.S. Government securities	11,895	6,496	4,703	-1,139	33,150	44,802	43,050	1,532	30,243	17,116	22,358
U.S. Treasury securities	9,708	6,972	4,690	-838	34,364	43,238	41,741	149	29,576	15,815	18,333
Other	2,187	-476	13	-301	-1,214	1,564	1,309	1,383	667	1,301	4,025
Other U.S. Government liabilities	615	602	739	844	2,195	-2,326	-467	146	1,866	1,600	2,469
U.S. liabilities reported by U.S. banks, n.i.e. [8]	-159	545	555	645	1,187	3,918	-319	4,976	3,385	-1,668	16,168
Other foreign official assets	3,145	-1,798	-2,857	-1,469	-884	-1,007	-2,506	1,835	-1,586	1,359	-688
Other foreign assets in the United States, net	42,615	77,534	98,870	132,084	187,542	184,585	179,731	205,204	65,471	48,573	80,093
Direct investments in the United States	16,918	10,457	24,748	20,010	35,623	58,219	57,278	67,872	45,137	11,497	-3,948
U.S. Treasury securities	2,645	[9]8,689	23,001	20,433	3,809	-7,643	20,239	29,618	-2,534	16,241	35,077
U.S. securities other than U.S. Treasury securities	5,457	8,164	12,568	50,962	70,969	42,120	26,353	38,767	1,592	34,918	29,884
U.S. liabilities to unaffiliated foreigners reported by U.S. nonbanking concerns	6,852	-118	4,704	-366	-2,641	2,863	5,626	5,565	4,906	-405	(NA)
U.S. liabilities reported by U.S. banks, n.i.e. [8]	10,743	50,342	33,849	41,045	79,783	89,026	70,235	63,382	16,370	-13,678	14,667
Allocations of special drawing rights	**1,152**	-	-	-	-	-	-	-	-	-	-
Statistical discrepancy	25,386	19,099	26,038	24,825	15,407	-4,096	-126	2,394	47,370	-1,078	-13,052
Balance on merchandise trade	-25,500	-67,102	-112,492	-122,173	-145,081	-159,557	-126,959	-115,668	-108,853	-73,436	-96,275
Balance on services	6,093	9,306	3,437	167	6,350	8,191	12,707	25,766	32,055	45,296	55,125
Balance on investment income	30,073	31,915	30,843	23,235	15,378	10,945	12,466	14,366	19,287	16,429	10,062
Balance on goods, services, and income	10,666	-25,882	-78,212	-98,771	-129,354	-140,421	-101,787	-75,537	-57,511	-11,710	-31,088
Unilateral transfers, net	-8,349	-17,741	-20,612	-22,950	-24,176	-23,052	-24,869	-25,606	-32,916	8,028	-31,360
Balance on current account	2,317	-43,623	-98,824	-121,721	-147,529	-163,474	-126,656	-101,143	-90,428	-3,682	-62,448

- 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, 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 to a balance of payments basis. [3] Includes other end-use items, not shown separately. [4] Includes engines. [5] Excludes automotive. [6] Break in series due to inclusion of new data. See Technical Note in *Survey of Current Business*, June 1979. [7] Includes sales of foreign obligations to foreigners. [8] Not included elsewhere. [9] Includes foreign currency notes sold to private residents abroad.

Source: U.S. Bureau of Economic Analysis, *Survey of Current Business*, June 1993.

No. 1307. U.S. International Transactions—Summary: 1960 to 1992

[In billions of dollars. Reserve assets are for end of period. Minus sign (-) indicates debits, see headnote, table 1306]

YEAR	Merchandise trade balance [1]	Net investment income	Net military transactions	Net travel and transportation receipts	Other services, net	Balance on goods, services, and income.	Unilateral transfers [1]	Balance on current account	Net foreign assets in U.S.	Net U.S. assets abroad	Net U.S. official reserve assets
1960	4.9	3.4	-1.1	-1.0	0.6	6.9	-4.1	2.8	2.3	-4.1	19.4
1965	5.0	5.4	-0.5	-1.3	1.5	10.0	-4.6	5.4	0.7	-5.7	15.5
1966	3.8	5.0	-1.0	-1.3	1.5	8.0	-5.0	3.0	3.7	-7.3	14.9
1967	3.8	5.3	-1.2	-1.8	1.7	7.9	-5.3	2.6	7.4	-9.8	14.8
1968	0.6	6.0	-0.6	-1.5	1.8	6.2	-5.6	0.6	9.9	-11.0	15.7
1969	0.6	6.0	-0.7	-1.8	2.0	6.1	-5.7	0.4	12.7	-11.6	17.0
1970	2.6	6.2	-0.6	-2.0	2.3	8.5	-6.2	2.3	6.4	-9.3	14.5
1971	-2.3	7.3	0.7	-2.3	2.6	6.0	-7.4	-1.4	23.0	-12.5	12.2
1972	-6.4	8.2	1.1	-3.1	3.0	2.7	-8.5	-5.8	21.5	-14.5	13.2
1973	0.9	12.2	0.7	-3.2	3.4	14.1	-6.9	7.1	18.4	-22.9	14.4
1974	-5.5	15.5	0.2	-3.2	4.2	11.2	-9.2	2.0	34.2	-34.7	15.9
1975	8.9	12.8	1.5	-2.8	4.9	25.2	-7.1	18.1	15.7	-39.7	16.2
1976	-9.5	16.1	0.9	-2.6	5.0	10.0	-5.7	4.3	36.5	-51.3	18.7
1977	-31.1	18.1	1.7	-3.6	5.7	-9.1	-5.2	-14.3	51.3	-34.8	19.3
1978	-33.9	20.4	0.9	-3.6	6.9	-9.4	-5.8	-15.1	64.0	-61.1	18.7
1979	-27.6	30.9	-1.3	-2.9	7.3	6.3	-6.6	-0.3	38.8	-66.1	19.0
1980	-25.5	30.1	-1.8	-1.0	8.9	10.7	-8.3	2.3	58.1	-87.0	26.8
1981	-28.0	32.9	-0.8	0.1	12.6	16.7	-11.7	5.0	83.0	-114.1	30.1
1982	-36.5	29.8	0.1	-1.0	13.2	5.6	-17.1	-11.4	92.4	-122.3	34.0
1983	-67.1	31.1	-0.6	-4.2	14.1	-26.7	-17.7	-44.5	83.4	-58.7	33.7
1984	-112.5	29.5	-2.5	-6.4	14.3	-79.7	-20.6	-100.3	102.0	-29.7	34.9
1985	-122.2	21.2	-4.4	-9.8	14.3	-100.9	-23.0	-123.9	131.0	-34.7	43.2
1986	-145.1	12.8	-5.2	-7.4	18.9	-126.0	-24.2	-150.2	223.2	-91.3	48.5
1987	-159.6	7.7	-3.8	-6.5	17.9	-144.3	-23.1	-167.3	230.0	-61.3	45.8
1988	-127.0	12.6	-6.3	1.5	20.0	-102.2	-25.0	-127.2	219.5	-91.4	47.8
1989	-115.2	14.8	-6.7	5.1	26.6	-75.5	-26.1	-101.6	213.6	-129.3	74.6
1990	-109.0	20.3	-7.8	9.0	29.5	-58.0	-33.8	-91.9	105.2	-44.1	83.3
1991	-73.8	13.0	-5.9	17.9	33.8	-14.9	6.6	-8.3	83.4	-60.0	77.7
1992	-96.1	6.2	-2.8	19.7	39.4	-33.5	-32.9	-66.4	129.6	-51.0	71.3

[1] Excludes military.

Source: U.S. Council of Economic Advisers, *Economic Indicators*, monthly; and *Economic Report of the President*, annual.

No. 1308. U.S. Balances on International Transactions, by Area and Selected Country: 1990 to 1992

[In millions of dollars. Minus sign (-) indicates debits]

AREA OR COUNTRY	1990, BALANCE ON—			1991, BALANCE ON—			1992, BALANCE ON—		
	Merchandise trade [1]	Goods, services, and income	Current account	Merchandise trade [1]	Goods, services, and income	Current account	Merchandise trade [1]	Goods, services, and income	Current account
All areas	**-109,033**	**-58,034**	**-91,861**	**-73,802**	**-14,899**	**-8,324**	**-96,138**	**-33,505**	**-66,400**
Western Europe	2,220	6,710	7,301	14,928	21,060	25,903	3,167	6,383	6,226
European Union	4,929	6,998	8,377	15,588	19,529	25,907	6,728	8,001	8,989
United Kingdom	2,970	-4,118	-3,334	3,257	-6,183	-5,407	2,464	-7,804	-6,928
Eastern Europe	2,071	2,906	1,856	3,039	3,700	1,062	3,653	3,720	2,420
Canada	-9,635	5,770	5,476	-7,107	8,846	8,528	-9,725	4,829	4,507
Latin America, other Western Hemisphere	-10,070	-6,821	-15,073	262	5,944	-4,272	6,200	16,727	8,116
Australia	3,895	7,954	7,894	4,200	6,670	6,592	5,024	8,991	8,911
Japan [2]	-42,564	-38,393	-38,152	-45,040	-36,828	-28,026	-50,513	-43,380	-43,541
Other Asia and Africa	-55,508	-44,751	-63,208	-44,474	-31,153	-18,041	-54,033	-37,813	-51,945
International and unallocated	558	8,593	2,045	390	6,862	-70	89	7,038	-1,094

[1] Adjusted to balance of payments basis; excludes exports under U.S. military sales contracts and imports under direct defense expenditures. [2] Includes Ryukyu Islands.

Source: U.S. Bureau of Economic Analysis, *Survey of Current Business*, December 1993.

No. 1309. International Investment Position: 1980 to 1992

[**In millions of dollars.** Estimates for end of year; subject to considerable error due to nature of basic data. See *Historical Statistics, Colonial Times to 1970,* series U 26-39, for similar data]

TYPE OF INVESTMENT	1980	1985	1987	1988	1989	1990	1991	1992
U.S. net international investment position:								
Current cost	**392,547**	**139,056**	**-34,033**	**-140,312**	**-288,516**	**-291,900**	**-364,865**	**-521,331**
Market value	(NA)	142,311	46,837	5,415	-128,909	-269,654	-396,402	-611,482
U.S. assets abroad:								
Current cost	**936,275**	**1,252,641**	**1,557,345**	**1,697,985**	**1,856,959**	**1,924,780**	**1,998,381**	**2,003,406**
Market value	(NA)	1,244,566	1,640,964	1,860,897	2,114,703	2,018,385	2,152,617	2,113,332
U.S. official reserve assets	171,412	117,930	162,370	144,179	168,714	174,664	159,223	150,307
Gold	155,816	85,834	127,648	107,434	105,164	102,406	92,561	90,040
Special drawing rights	2,610	7,293	10,283	9,637	9,951	10,989	11,240	8,503
Reserve position in IMF	2,852	11,947	11,349	9,745	9,048	9,076	9,488	11,759
Foreign currencies	10,134	12,856	13,090	17,363	44,551	52,193	45,934	40,005
U.S. Government assets, other	63,865	87,752	88,880	86,117	84,489	82,165	79,148	80,756
U.S. loans and other long-term assets	62,023	85,814	88,099	85,388	83,903	81,464	77,518	79,061
U.S. foreign currency holdings and short-term assets	1,842	1,938	781	729	586	701	1,630	1,695
U.S. private assets:								
Current cost	700,998	1,046,959	1,306,095	1,467,689	1,603,756	1,667,951	1,760,010	1,772,343
Market value	(NA)	1,038,884	1,389,714	1,630,601	1,861,500	1,761,556	1,914,246	1,882,269
Direct investments abroad:								
Current cost	396,249	387,183	493,341	515,702	560,017	622,653	655,314	666,346
Market value	(NA)	379,108	576,960	678,614	817,761	716,258	809,550	776,272
Foreign securities	62,454	112,839	153,716	176,573	216,035	229,279	294,239	327,446
U.S. claims on unaffiliated foreigners [1]	38,429	99,574	109,581	122,187	113,887	120,332	118,570	111,692
U.S. claims reported by U.S. banks [2]	203,866	447,363	549,457	653,227	713,817	695,687	691,887	666,859
Foreign assets in the U.S.								
Current cost	**543,728**	**1,113,585**	**1,591,378**	**1,838,297**	**2,145,475**	**2,216,680**	**2,363,246**	**2,524,737**
Market value	(NA)	1,102,255	1,594,127	1,855,482	2,243,612	2,288,039	2,549,019	2,724,814
Foreign official assets in the U.S.	176,062	202,482	283,058	322,036	341,859	375,614	402,103	443,362
U.S. Government securities	118,189	145,063	220,548	260,934	(3)	294,983	315,911	335,653
Other U.S. Government liabilities	13,367	15,803	15,667	15,200	15,374	17,530	19,072	21,614
U.S. liabilities reported by U.S. banks [2]	30,381	26,734	31,838	31,520	(3)	39,880	38,396	54,823
Other foreign official assets	14,125	14,882	15,005	14,382	(3)	23,221	28,724	31,272
Other foreign assets in the U.S:								
Current cost	367,666	911,103	1,308,320	1,516,261	1,803,616	1,841,066	1,961,143	2,081,375
Market value	(NA)	899,773	1,311,069	1,533,446	1,901,753	1,912,425	2,146,916	2,281,452
Direct investments:								
Current cost	125,944	231,326	313,451	374,345	436,597	468,242	487,199	492,270
Market value	(NA)	219,996	316,200	391,530	534,734	539,601	672,972	692,347
U.S. securities other than U.S. Treasury securities	74,114	207,868	341,732	392,292	(3)	468,978	556,279	617,310
U.S. liabilities to unaffiliated foreigners [1]	30,426	29,458	29,818	35,003	40,549	48,006	46,094	46,251
U.S. liabilities reported by U.S. banks [2]	121,069	354,497	540,731	613,744	(3)	693,436	682,065	700,674
U.S. Treasury securities	16,113	87,954	82,588	100,877	(3)	162,404	189,506	224,870

NA Not available. [1] Reported by U.S. nonbanking concerns. [2] Not included elsewhere. [3] Data not available until release of the "Foreign Portfolio Investment Survey" results.

Source: U.S. Bureau of Economic Analysis, *Survey of Current Business,* June 1993.

No. 1310. U.S. Reserve Assets: 1980 to 1993

[**In billions of dollars.** As of **end of year,** except as indicated]

TYPE	1980	1983	1984	1985	1986	1987	1988	1989	1990	1991	1992	1993
Total	**26.8**	**33.7**	**34.9**	**43.2**	**48.5**	**45.8**	**47.8**	**74.6**	**83.3**	**77.7**	**71.3**	**73.4**
Gold stock [1]	11.2	11.1	11.1	11.1	11.1	11.1	11.1	11.1	11.1	11.1	11.1	11.1
Special drawing rights	2.6	5.0	5.6	7.3	8.4	10.3	9.6	10.0	11.0	11.2	8.5	9.0
Foreign currencies	10.1	6.3	6.7	12.9	17.3	13.1	17.4	44.6	52.2	45.9	40.0	41.5
Reserve position in IMF [2]	2.9	11.3	11.5	11.9	11.7	11.3	9.7	9.0	9.1	9.5	11.8	11.8

[1] Includes gold in Exchange Stabilization Fund; excludes gold held under earmark at Federal Reserve banks for foreign and international accounts. Beginning 1975, 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,* monthly.

No. 1311. Foreign Direct Investment Position in the U.S. on a Historical Cost Basis—Value, by Area and Industry: 1980 to 1992

[In millions of dollars. Book value at year end. Covers U.S. firms, including real estate investments in which foreign interest or ownership was 10 percent or more. Minus sign (-) indicates a negative position. See also *Historical Statistics, Colonial Times to 1970*, series U 47-74]

AREA AND INDUSTRY	1980	1984	1985	1986	1987	1988	1989	1990	1991	1992, prel.
All areas [1]	**83,046**	**164,583**	**184,615**	**220,414**	**263,394**	**314,754**	**368,924**	**394,911**	**414,358**	**419,526**
Petroleum	12,200	25,400	26,270	29,094	37,815	36,006	40,345	42,682	40,196	38,545
Manufacturing	32,993	51,802	59,584	71,963	93,865	122,582	150,949	152,805	156,586	159,492
Finance and insurance	12,027	24,881	27,429	34,978	39,455	44,010	59,597	35,482	44,841	44,992
Trade, wholesale and retail	15,210	31,219	35,873	42,920	45,399	53,590	54,005	60,152	64,347	66,203
Canada	**12,162**	**15,286**	**17,131**	**20,318**	**24,684**	**26,566**	**30,370**	**29,544**	**37,301**	**38,997**
Petroleum	1,817	1,544	1,589	1,432	1,088	1,181	1,141	1,373	1,413	1,342
Manufacturing	5,227	4,115	4,607	6,108	8,085	9,730	9,766	9,201	16,066	17,313
Finance and insurance	1,612	3,245	4,008	4,283	5,797	5,769	7,356	6,033	7,469	5,494
Europe	**54,688**	**108,211**	**121,413**	**144,181**	**181,006**	**208,942**	**239,190**	**247,320**	**251,248**	**248,461**
Petroleum	10,137	23,142	25,636	26,139	35,700	33,499	32,649	34,284	31,698	30,015
Manufacturing	21,953	39,083	45,841	56,016	74,300	95,641	118,129	115,831	113,365	113,595
Finance and insurance	8,673	15,945	17,022	21,787	26,336	27,121	33,157	21,310	26,462	26,514
United Kingdom	14,105	38,387	43,555	55,935	75,519	95,698	103,458	98,676	100,386	94,718
Petroleum	-257	10,991	12,155	11,758	17,950	19,522	16,666	15,900	14,355	11,863
Manufacturing	6,159	9,179	11,687	16,500	30,372	41,708	50,166	42,365	42,259	42,208
Finance and insurance	3,350	5,485	6,483	10,163	9,801	11,256	12,790	11,609	11,972	11,275
Netherlands	19,140	33,728	37,056	40,717	46,636	48,128	56,734	64,671	59,355	61,341
Petroleum	9,265	9,981	11,481	(D)	(D)	9,045	10,061	13,267	12,398	12,373
Manufacturing	4,777	12,497	13,351	13,293	15,615	17,843	23,090	24,734	18,267	21,442
Switzerland	5,070	8,146	10,568	12,058	13,772	14,372	18,746	17,674	19,189	19,562
Manufacturing	3,116	4,774	6,881	7,520	6,921	7,613	11,798	10,651	10,927	11,124
Finance and insurance	1,033	(D)	5,425	2,517	3,211	3,506	4,492	4,833	5,360	5,206
Germany [2]	7,596	12,330	14,816	17,250	21,905	25,250	28,386	28,232	28,618	29,205
Manufacturing	3,875	4,389	6,015	7,426	10,298	13,980	15,560	15,718	15,466	15,050
Finance and insurance	1,248	1,902	(D)	1,962	3,442	2,683	3,139	1,652	1,320	2,581
Other Europe [3]	8,777	15,620	15,417	18,221	23,174	25,494	31,866	38,067	43,700	43,635
Petroleum	991	2,080	(D)	(D)	(D)	4,580	4,786	4,835	4,597	5,826
Manufacturing	4,026	7,704	7,907	11,277	11,094	14,497	17,515	22,363	26,446	23,771
Finance and insurance	1,193	(D)	(D)	(D)	2,189	406	2,519	-1,817	-778	-462
Japan	**4,723**	**16,044**	**19,313**	**26,824**	**34,421**	**51,126**	**67,269**	**83,091**	**92,896**	**96,743**
Other areas	**11,472**	**25,043**	**26,758**	**29,091**	**23,283**	**28,120**	**32,096**	**34,956**	**32,912**	**35,325**

D Withheld to avoid disclosure of data of individual companies. [1] Area totals include industries not shown separately. [2] For 1989, includes only the Federal Republic of Germany. For 1990, also includes the former German Democratic Republic (GDR). This change has no effect on the data because, prior to 1990, there were no U.S. affiliates of the former GDR. [3] Direct investments in 1992 (in millions of dollars): Belgium and Luxembourg, 4,627; France, 22,740; Italy, 2,859; and Sweden, 5,597.

Source: U.S. Bureau of Economic Analysis, *Survey of Current Business*, July 1993, and earlier issues.

No. 1312. U.S. Affiliates of Foreign Companies—Assets, Sales, Employment, Land, Exports, and Imports: 1991

[A U.S. affiliate is a U.S. business enterprise in which one foreign owner (individual, branch, partnership, association, trust, corporation, or government) has a direct or indirect voting interest of 10 percent or more. Universe estimates based on a sample survey of nonbank affiliates with assets, sales, or net income of $10 million or more]

INDUSTRY	Total assets (mil. dol.)	Sales [1] (mil. dol.)	Employment [2] (1,000)	Employee compensation (mil. dol.)	GROSS BOOK VALUE (mil. dol.)		Land owned (1,000 acres)	Merchandise exports [4] (mil. dol.)	Merchandise imports [4] (mil. dol.)
					Plant and equipment [3]	Land			
Total	**1,743,762**	**1,174,069**	**4,809.2**	**173,911**	**574,635**	**60,053**	**17,479**	**98,369**	**179,694**
Petroleum	102,052	106,393	142.0	6,753	101,491	3,689	736	3,700	15,911
Manufacturing	448,592	399,936	2,214.8	91,884	231,475	9,875	4,245	39,432	47,983
Chemicals and allied products	144,412	111,268	497.7	24,501	88,138	2,914	810	11,268	9,751
Wholesale trade [5]	173,898	355,565	429.8	17,397	40,890	2,710	439	51,995	112,064
Motor vehicles and auto parts and supplies	53,793	94,616	77.1	3,522	17,117	725	23	5,650	40,279
Farm-product raw materials	9,647	39,512	19.0	644	1,691	350	36	15,146	3,706
Retail trade	51,152	86,689	780.1	13,825	23,400	2,934	70	1,103	2,389
Finance, except banking	377,086	32,124	58.7	5,325	4,239	730	26	5	3
Insurance	302,859	72,910	159.9	6,925	15,428	1,458	151	-	-
Real estate	114,238	16,276	41.9	1,378	68,741	23,140	2,322	7	2
Services	91,006	43,718	597.9	14,853	36,135	6,799	205	346	259
Other	82,879	60,458	384.0	15,572	52,836	8,718	9,286	1,782	1,083

- Represents zero. [1] Excludes returns, discounts, allowances, and sales and excise taxes. [2] Average number of full-time and part-time employees. [3] Includes other property, value of mineral rights owned, and capitalized value of mineral rights leased. [4] F.a.s. value at port of exportation. [5] Includes industries not shown separately.

Source: U.S. Bureau of Economic Analysis, *Survey of Current Business*, May 1993, and *Foreign Direct Investment in the United States, Operations of U.S. Affiliates of Foreign Companies*, Preliminary 1991 Estimates and Revised 1990 Estimates.

No. 1313. Foreign Direct Investment in the United States—Gross Book Value and Employment of U.S. Affiliates of Foreign Companies, by State: 1981 and 1991

[A U.S. affiliate is a U.S. business enterprise in which one foreign owner (individual, branch, partnership, association, trust corporation, or government) has a direct or indirect voting interest of 10 percent or more. Universe estimates based on a sample survey of nonbank affiliates with assets, sales, or net income of $10 million or more]

DIVISION, STATE, AND OTHER AREA	GROSS BOOK VALUE OF PROPERTY, PLANT, AND EQUIPMENT (mil. dol.)		TOTAL EMPLOYMENT			MANUFACTURING EMPLOYMENT, 1991	
	1981	1991	1981	1991 Total (1,000)	1991 Percent of all businesses	Total (1,000)	Percent of all manufacturing
Total	**187,956**	**634,688**	**2,416.6**	**4,809.2**	**(X)**	**2,024.4**	**(X)**
United States	**178,003**	**607,624**	**2,402.3**	**4,778.0**	**5.1**	**2,010.9**	**10.8**
New England	**5,686**	**22,362**	**143.9**	**284.5**	**5.3**	**115.5**	**10.1**
Maine	1,637	2,235	17.7	26.6	6.1	7.7	8.0
New Hampshire	409	1,738	13.9	28.2	6.7	11.6	11.7
Vermont	315	666	6.0	7.2	3.4	3.4	7.6
Massachusetts	1,712	10,319	55.6	129.2	5.1	54.1	11.1
Rhode Island	359	1,346	9.9	13.6	3.6	6.2	6.6
Connecticut	1,254	6,058	40.8	79.7	5.7	32.5	10.0
Middle Atlantic	**20,216**	**81,353**	**480.2**	**809.0**	**5.7**	**301.8**	**11.6**
New York	7,892	42,417	210.3	361.8	5.4	99.0	9.3
New Jersey	6,552	20,466	134.9	228.0	7.6	93.0	16.6
Pennsylvania	5,772	18,470	135.0	219.2	4.8	109.8	11.2
East North Central	**19,215**	**81,499**	**388.6**	**813.7**	**5.0**	**443.3**	**10.8**
Ohio	5,178	22,492	99.9	220.1	5.2	128.2	11.9
Indiana	1,883	14,005	47.0	123.2	5.6	78.9	12.7
Illinois	5,646	25,644	113.6	248.0	5.4	118.5	12.5
Michigan	4,188	13,767	65.9	139.2	4.1	70.9	7.9
Wisconsin	2,320	5,591	62.2	83.2	4.1	46.8	8.5
West North Central	**8,400**	**30,441**	**112.2**	**262.0**	**3.8**	**116.3**	**8.4**
Minnesota	2,902	12,703	33.0	93.8	5.0	35.0	8.8
Iowa	1,032	3,229	21.6	32.7	3.1	19.4	8.3
Missouri	1,894	6,508	32.6	77.2	3.8	35.6	8.5
North Dakota	1,155	1,206	3.5	3.4	1.6	1.4	7.7
South Dakota	299	588	1.3	4.9	2.0	2.6	7.4
Nebraska	241	949	5.6	16.8	2.7	8.8	8.8
Kansas	877	5,258	14.6	33.2	3.6	13.5	7.3
South Atlantic	**33,271**	**103,640**	**476.0**	**938.3**	**5.7**	**402.6**	**13.3**
Delaware	1,869	6,176	36.0	41.6	13.7	14.4	20.5
Maryland	2,103	6,519	45.1	76.6	4.4	29.5	15.2
District of Columbia	547	4,192	3.2	11.3	2.7	0.5	3.3
Virginia	3,046	12,008	49.8	117.6	5.1	48.1	11.6
West Virginia	3,992	8,323	35.4	34.7	6.9	18.1	21.6
North Carolina	5,543	16,325	89.0	179.6	6.7	107.3	12.9
South Carolina	5,318	10,861	65.1	105.7	8.3	63.4	17.0
Georgia	4,558	18,571	78.5	159.9	6.4	73.2	13.5
Florida	6,295	20,665	73.9	211.3	4.5	48.1	9.7
East South Central	**9,802**	**34,708**	**121.7**	**275.0**	**5.2**	**166.8**	**11.7**
Kentucky	1,848	10,521	26.0	69.6	5.6	46.5	16.5
Tennessee	3,747	12,481	57.4	119.6	6.3	70.6	14.0
Alabama	2,776	8,379	27.0	62.0	4.5	34.8	9.1
Mississippi	1,431	3,327	11.3	23.8	3.1	14.9	6.0
West South Central	**34,651**	**87,919**	**268.5**	**444.7**	**4.8**	**168.4**	**10.7**
Arkansas	636	2,502	17.5	30.1	3.7	17.9	7.6
Louisiana	7,872	19,072	47.0	61.9	4.7	23.1	12.3
Oklahoma	2,760	5,702	25.0	43.2	4.4	17.1	10.1
Texas	23,383	60,643	179.0	309.5	5.1	110.3	11.2
Mountain	**12,353**	**36,146**	**97.9**	**203.8**	**4.1**	**44.8**	**7.1**
Montana	1,235	2,295	3.0	5.8	2.3	1.3	5.9
Idaho	312	1,000	3.8	12.6	3.7	5.1	8.0
Wyoming	2,144	2,909	4.2	5.5	3.5	0.8	8.5
Colorado	2,369	7,058	24.7	60.9	4.6	12.1	6.5
New Mexico	997	4,599	7.9	14.8	3.3	3.2	7.6
Arizona	2,949	7,824	30.6	56.2	4.4	12.2	6.9
Utah	1,791	4,201	16.8	23.4	3.8	7.0	6.5
Nevada	556	6,260	6.9	24.6	4.3	3.1	11.8
Pacific	**34,409**	**129,554**	**313.3**	**747.2**	**5.1**	**251.3**	**9.5**
Washington	2,430	9,356	26.0	81.4	4.3	23.3	6.6
Oregon	845	4,495	13.1	41.9	3.9	15.4	7.2
California	20,404	81,842	248.4	555.0	5.0	206.6	10.2
Alaska	(D)	20,149	8.8	13.3	7.6	3.2	17.7
Hawaii	(D)	13,712	17.0	55.6	12.1	2.8	13.6
Puerto Rico	413	1,611	9.5	17.5	(X)	10.1	(X)
Other territories and offshore	7,496	18,445	3.1	9.4	(X)	2.2	(X)
Foreign	2,044	7,008	1.6	4.3	(X)	1.2	(X)

D Withheld to avoid disclosure of data of individual companies. X Not applicable.

Source: U.S. Bureau of Economic Analysis, *Survey of Current Business*, May 1993, and *Foreign Direct Investment in the United States, Operations of U.S. Affiliates of Foreign Companies*, Preliminary 1991 Estimates and Revised 1990 Estimates.

No. 1314. U.S. Businesses Acquired or Established by Foreign Direct Investors, by Industry of U.S. Business Enterprise: 1991 and 1992

[Foreign direct investment is the ownership or control, directly or indirectly, by one foreign individual branch, partnership, association, trust, corporation, or government of 10 percent or more of the voting securities of a U.S. business enterprise or an equivalent interest in an unincorporated one. Data represent number and full cost of acquisitions of existing U.S. business enterprises, including business segments or operating units of existing U.S. business enterprises and establishments of new enterprises. Investments may be made by the foreign direct investor itself, or indirectly by an existing U.S. affiliate of the foreign direct investor. Covers investments in U.S. business enterprises with assets of over $1 million, or ownership of 200 acres of U.S. land]

INDUSTRY	1991						1992, prel.					
	Investments			Investors			Investments			Investors		
	Total	Acquisition	Establishments	Total	Foreign direct investors	U.S. affiliates	Total	Acquisition	Establishments	Total	Foreign direct investors	U.S. affiliates
NUMBER OF INVESTMENTS [1]												
Total	**1,091**	**561**	**530**	**1,220**	**438**	**782**	**690**	**360**	**330**	**732**	**279**	**453**
Petroleum	32	23	9	35	6	29	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Manufacturing	320	264	56	354	124	230	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Wholesale trade	71	42	29	78	29	49	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Retail trade	39	23	16	39	7	32	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Banking	21	8	13	25	20	5	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Finance, except banking	59	16	43	67	27	40	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Insurance	19	15	4	22	12	10	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Real estate	306	32	274	348	131	217	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Services	171	107	64	198	63	135	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Other [2]	53	31	22	54	19	35	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
INVESTMENT OUTLAYS (mil. dol.)												
Total	**25,538**	**17,806**	**7,732**	**25,538**	**8,885**	**16,653**	**13,469**	**10,191**	**3,278**	**13,469**	**3,616**	**9,853**
Petroleum	702	404	298	702	21	681	484	466	18	484	4	480
Manufacturing	11,461	9,669	1,792	11,461	4,530	6,930	5,274	4,413	861	5,274	1,708	3,566
Wholesale trade	623	524	99	623	197	426	605	405	200	605	251	353
Retail trade	1,605	1,436	170	1,605	(D)	(D)	224	(D)	(D)	224	28	196
Banking	482	440	42	482	281	201	55	55	-	55	19	37
Finance, except banking	2,199	1,399	800	2,199	693	1,506	968	801	167	968	230	738
Insurance	2,102	1,951	152	2,102	1,255	847	251	(D)	(D)	251	16	235
Real estate	3,823	177	3,646	3,823	1,110	2,713	1,937	444	1,493	1,937	798	1,139
Services	2,256	1,616	641	2,256	239	2,017	1,476	1,179	297	1,476	318	1,158
Other [2]	284	191	93	284	(D)	(D)	2,195	2,138	57	2,195	245	1,950

- Represents zero. D Withheld to avoid disclosure of data of individual companies. NA Not available. [1] Excludes investments that do not meet asset or acreage criteria in headnote. [2] Includes agriculture, forestry, and fishing; mining; construction; transportation; and communication and public utilities.

Source: U.S. Bureau of Economic Analysis, *Survey of Current Business*, May 1993, and unpublished data.

No. 1315. U.S. Businesses Acquired by Foreign Direct Investors—Assets, Sales, and Employment, by Industry of U.S. Business Enterprise: 1991 and 1992

[See headnote, table 1314. Minus sign (-) indicates loss]

INDUSTRY	1991					1992				
	Total assets (mil. dol.)	Sales (mil. dol.)	Net income (mil. dol.)	Employment (1,000)	Acres of land owned (1,000)	Total assets (mil. dol.)	Sales (mil. dol.)	Net income (mil. dol.)	Employment (1,000)	Acres of land owned (1,000)
Total	**152,076**	**52,364**	**-154**	**249.0**	**392.7**	**30,912**	**21,661**	**-62**	**120.3**	**121.0**
Petroleum	1,435	(D)	41	(D)	(D)	612	(D)	71	1.0	0.2
Manufacturing	14,786	15,657	-73	100.3	29.0	7,645	9,154	-194	63.0	5.6
Wholesale trade	1,400	2,632	-10	8.8	0.2	1,339	2,319	91	9.3	0.2
Retail trade	(D)	10,765	(D)	69.7	(D)	827	(D)	-136	(D)	(D)
Banking	36,785	3,871	-109	13.4	(D)	2,200	87	-12	1.0	(D)
Finance, except banking	13,955	(D)	(D)	3.9	(D)	8,393	(D)	86	(D)	(D)
Insurance	(D)	(D)	97	(D)	(D)	2,921	(D)	8	(D)	(D)
Real estate	4,805	368	-12	0.6	63.4	2,205	236	-36	0.7	(D)
Services	(D)	1,626	25	23.0	15.7	1,224	814	-31	10.4	0.8
Other [1]	525	844	(D)	(D)	(D)	3,546	3,658	90	(D)	(D)

D Withheld to avoid disclosure of data of individual companies. [1] Includes agriculture, forestry, and fishing; mining; construction; transportation; and communication and public utilities.

Source: U.S. Bureau of Economic Analysis, *Survey of Current Business*, May 1993; and unpublished data.

No. 1316. U.S. Direct Investment Position Abroad, by Country: 1980 to 1992

[**In millions of dollars.** Direct investments represent private enterprises in one country owned or controlled by investors in another country or in the management of which foreign investors have an important role. Negative position occurs when U.S. parent company's liabilities to the foreign affiliate are greater than its equity in, and loans to the foreign affiliate. See also *Historical Statistics, Colonial Times to 1970*, series U 41-46]

COUNTRY	1980	1985	1989	1990	1991	1992			
						Total [1]	Manufacturing	Petroleum	Finance [2]
All countries	**215,375**	**230,250**	**381,781**	**426,958**	**460,955**	**486,670**	**187,276**	**55,207**	**129,546**
Canada	45,119	46,909	63,948	69,106	68,853	68,432	33,306	7,945	12,938
Europe [3]	96,287	105,171	189,467	213,368	233,245	239,389	93,733	23,289	67,225
Austria	524	493	962	1,136	1,258	1,365	622	(D)	(Z)
Belgium	6,259	5,038	7,710	9,413	10,607	10,771	5,940	291	2,072
Denmark	1,266	1,281	(D)	1,724	1,813	1,707	315	(D)	351
Finland	188	258	(D)	530	359	322	91	(D)	1
France	9,347	7,643	16,443	18,950	20,798	23,257	13,975	(D)	2,363
Germany [4]	15,415	16,764	23,673	27,480	34,027	35,393	20,951	2,111	4,666
Greece	347	210	210	293	353	429	129	(D)	(D)
Ireland	2,319	3,693	4,665	5,725	6,635	7,229	4,505	119	1,947
Italy	5,397	5,906	11,221	14,076	14,775	13,605	8,821	416	1,589
Luxembourg	652	690	1,560	1,683	1,782	1,863	852	17	779
Netherlands	8,039	7,129	19,160	18,720	19,772	19,114	7,216	1,465	4,931
Norway	1,679	3,215	3,447	4,209	4,349	4,047	291	3,251	123
Portugal	257	237	(D)	892	1,026	1,160	379	(D)	(D)
Spain	2,678	2,281	6,500	7,802	7,992	8,165	5,430	149	166
Sweden	1,474	933	1,297	1,754	2,242	2,033	1,289	38	136
Switzerland	11,280	15,766	21,144	25,151	25,604	28,662	1,508	333	15,917
Turkey	207	234	343	515	529	705	469	(D)	(Z)
United Kingdom	28,460	33,024	67,722	72,343	78,072	77,842	20,328	13,153	32,013
Japan	6,225	9,235	19,911	22,511	24,938	26,213	11,920	4,768	2,707
Australia	7,654	8,772	14,368	14,997	15,795	16,697	6,631	2,691	1,523
New Zealand	579	576	1,062	3,099	2,916	3,008	417	397	195
South Africa	2,350	1,394	699	767	857	871	501	(D)	(D)
Latin America	39,581	28,758	62,145	70,752	76,213	88,860	26,729	4,152	40,521
South America [3]	16,342	17,623	21,806	22,682	24,082	27,185	15,855	2,283	3,526
Argentina	2,540	2,705	2,215	2,479	2,767	3,353	1,633	499	538
Brazil	7,704	8,893	14,025	14,268	14,882	16,114	12,014	668	1,839
Chile	536	88	1,412	1,876	1,916	2,446	257	(D)	1,030
Colombia	1,012	2,148	1,660	1,647	1,627	2,077	699	596	10
Ecuador	322	361	301	278	296	310	88	154	(D)
Peru	1,665	1,243	813	594	522	466	18	(D)	-
Venezuela	1,908	1,588	932	1,063	1,424	1,725	1,069	179	111
Central America [3]	11,013	10,155	17,846	20,259	23,309	25,479	9,824	845	10,863
Costa Rica	303	113	213	239	214	221	253	2	-
Guatemala	229	213	111	129	105	107	80	18	6
Honduras	288	171	251	225	212	184	92	(D)	(D)
Mexico	5,986	5,088	8,264	10,255	12,257	13,330	9,281	(D)	798
Panama	3,170	3,959	8,913	9,257	10,427	11,457	107	694	10,059
Other W. Hemisphere [3]	12,226	980	22,493	27,810	28,822	36,196	1,050	1,024	26,130
Bahamas, The	2,712	3,795	4,577	3,944	3,768	4,566	(D)	407	1,260
Barbados	40	81	141	247	319	507	7	89	62
Bermuda	11,045	13,116	18,297	20,084	23,059	25,799	19	(D)	24,837
Dominican Republic	316	212	(D)	479	572	744	134	(D)	(D)
Jamaica	407	122	383	612	729	850	748	(D)	4
Netherlands Antilles	-4,336	-20,499	-8,378	-4,534	-5,697	-1,939	(D)	(D)	-2,097
Trinidad and Tobago	951	484	(D)	487	507	575	89	(D)	18
U.K. Islands, Caribbean	979	3,490	6,123	5,919	5,112	5,024	-29	53	2,027
Other Africa [3]	3,778	4,497	3,936	3,592	3,584	2,647	459	(D)	(D)
Egypt	1,038	1,926	1,541	1,226	1,239	922	74	735	5
Nigeria	18	44	-42	-407	611	274	63	159	(D)
Middle East [3]	2,163	4,606	3,518	4,007	4,823	5,814	1,742	1,791	1,418
Israel	379	717	827	933	1,014	1,543	960	(D)	327
Saudi Arabia	1,037	2,442	1,655	1,772	2,163	2,503	781	(D)	(D)
United Arab Emirates	384	792	391	404	466	480	(Z)	306	(D)
Other Asia and Pacific [3]	8,505	15,400	20,464	22,980	27,398	32,246	11,839	(D)	(D)
China	-6	311	436	356	431	469	260	91	1
Hong Kong	2,078	3,295	5,412	5,994	6,516	8,544	2,243	385	1,291
India	398	383	(D)	368	410	479	201	(D)	(D)
Indonesia	1,314	4,475	2,771	3,175	3,783	4,278	138	3,686	13
Korea, Republic of	575	743	2,370	2,677	2,862	2,779	1,140	67	165
Malaysia	632	1,140	1,263	1,513	1,711	1,714	747	513	233
Philippines	1,259	1,032	1,107	1,355	1,377	1,565	1,021	(D)	(D)
Singapore	1,204	1,874	2,998	3,183	5,294	6,631	3,460	1,213	369
Taiwan	498	750	1,968	2,214	2,626	2,870	1,806	(D)	158
Thailand	361	1,074	1,511	1,789	2,038	2,459	783	774	(D)
International	3,955	5,428	2,962	2,548	2,331	2,496	-	1,207	-
Addendum: OPEC [5]	*6,090*	*10,383*	*6,217*	*6,947*	*9,398*	*10,255*	*2,142*	*5,146*	*1,209*

- Represents zero. D Suppressed to avoid disclosure of data of individual companies. Z Less than $500,000. [1] Includes industries not shown separately. [2] Includes insurance. [3] Includes countries not shown separately. [4] Prior to 1991, West Germany only. [5] OPEC=Organization of Petroleum Exporting Countries. Includes Algeria, Ecuador, Gabon, Indonesia, Iran, Iraq, Kuwait, Libya, Nigeria, Qatar, Saudi Arabia, United Arab Emirates, and Venezuela.

Source: U.S. Bureau of Economic Analysis, *Survey of Current Business*, July 1993.

No. 1317. U.S. Government Foreign Grants and Credits: 1946 to 1992

[In millions of dollars. "P.L." means Public Law. For explanation of minus sign (-), see headnote, table 1318. See also text, section 29, and *Historical Statistics, Colonial Times to 1970*, series U 75-101]

PROGRAM	1946-1955, total	1956-1965, total	1966-1975, total	1976-1985, total	1988	1989	1990	1991	1992, prel.
Total, net	**51,509**	**49,723**	**70,368**	**104,188**	**8,081**	**10,041**	**14,297**	**-31,897**	**16,624**
Investment in international financial institutions [1]	635	655	2,719	10,432	1,314	1,173	1,301	1,498	1,419
Under assistance programs, net	**50,875**	**49,067**	**67,649**	**93,756**	**6,768**	**8,868**	**12,996**	**-33,395**	**15,206**
Developed countries [2]	35,150	5,834	616	757	-131	63	193	-14,288	1,173
Developing countries [2]	15,725	43,233	67,033	92,998	6,899	8,805	12,804	-19,107	14,032
Net new military grants	14,200	21,564	30,236	14,957	3,578	3,802	6,717	4,221	6,506
Developed countries [2]	8,910	7,931	691	1,369	305	321	551	448	608
Developing countries [2]	5,291	13,633	29,545	13,588	3,271	3,481	6,165	3,773	5,898
Gross new grants	14,434	21,805	30,281	14,993	3,578	3,805	6,721	4,223	6,517
Foreign Assistance Act [3]	13,427	21,769	30,281	14,993	3,578	3,805	6,721	4,223	6,517
Military supplies and services	12,282	20,662	9,802	2,438	92	119	151	468	304
Military assistance, service funded [4]	-	8	18,161	-	-	-	-	-	-
Financing of military purchases [5]	-	-	1,584	10,122	3,185	3,368	6,017	3,365	5,791
Relocation of facilities in Israel	-	-	-	800	-	-	-	-	-
Other special programs	1,145	1,100	734	1,633	301	319	553	390	422
Other	1,007	36	-	-	-	-	-	-	-
Less: Reverse grants and returns	234	241	45	36	2	3	5	1	11
Other grants, credits, and other assistance (through net accumulation of foreign currency claims)	36,675	27,503	37,413	78,799	3,192	5,067	6,280	-37,617	8,700
Developed countries [2]	26,240	-2,097	-75	-612	-435	-257	-359	-14,736	565
Developing countries [2]	10,434	29,600	37,488	79,411	3,627	5,324	6,639	-22,880	8,135
Net new economic and technical aid grants [6]	27,529	17,675	21,748	43,302	7,231	7,393	10,014	-32,242	8,530
Developed countries [2]	19,424	780	-182	464	72	54	-606	-13,388	867
Developing countries [2]	8,104	16,896	21,929	42,839	7,160	7,340	10,620	-18,854	7,663
Gross new grants	28,769	17,993	22,003	43,311	7,231	7,393	15,531	14,634	9,890
Foreign Assistance Act [3]	17,711	12,189	12,191	31,525	5,559	5,784	6,767	7,071	7,488
Farm products disposals:									
Foreign currencies, P.L. 83-480 [7]	-	2,048	4,234	186	1	2	(Z)	(Z)	(Z)
Famine and other urgent relief	530	2,704	2,862	5,026	740	614	601	1,185	924
Payment of transportation	-	494	946	1,890	177	113	156	240	130
Food for development loan forgiveness	-	-	-	353	133	7	166	27	54
Supplies to military or trusteeship administration areas	5,528	132	536	1,246	202	155	50	15	(Z)
Peace Corps	-	232	912	979	151	151	179	178	218
Forgiveness of Foreign Debt	-	-	-	-	-	207	7,220	5,130	57
Other	5,000	194	321	2,106	269	360	391	788	1,019
Less: Reverse grants and returns	1,240	318	255	9	-	-	-	-	-
Less: Receipts from Persian Gulf partners	-	-	-	-	-	-	5,517	46,876	1,360
Net new credits [8]	8,605	7,025	16,955	35,784	-4,006	-2,325	-3,701	-5,398	170
Developed countries [2]	6,627	-3,207	310	-1,019	-481	-294	255	-1,346	-300
Developing countries [2]	1,978	10,232	16,645	36,803	-3,524	-2,031	-3,955	-4,052	469
New credits	11,958	15,429	37,424	72,193	5,906	3,949	6,658	10,864	5,245
Export-Import Bank Act	4,241	5,257	15,506	22,093	1,060	776	2,515	1,383	2,499
Foreign Assistance Act [3]	1,919	6,196	12,053	35,324	3,473	1,589	2,347	3,619	1,611
Country program loans	1,765	5,722	8,362	10,733	455	396	323	2,937	797
Financing or military purchases	9	247	3,089	24,288	2,989	1,159	1,993	605	690
Social Progress Trust Fund	-	226	487	142	-4	-1	-14	2	5
Other	145	2	116	162	34	36	46	75	119
P.L. 83-480 [7]	48	3,839	7,161	8,142	959	793	869	3,107	476
Loans of foreign currency:									
To foreign governments	48	3,285	1,843	10	(Z)	(Z)	3	(Z)	(Z)
To private enterprises	-	202	217	16	11	9	36	11	1
Long-term credit sales	-	352	5,101	8,116	948	784	829	3,095	475
P.L. 80-806 [9]	-	-	2,433	5,559	414	790	928	2,756	659
Other	5,750	137	271	1,074	-	-	-	-	-
Less: Principal collections	3,353	8,404	20,469	36,409	9,912	6,274	10,359	16,262	5,076
Export-Import Bank Act	1,787	4,458	9,282	15,221	1,501	1,395	1,834	1,865	2,295
Foreign Assistance Act [3]	38	1,263	3,557	11,234	7,715	3,860	7,355	6,930	1,798
Country program loans	1	944	2,481	4,212	489	744	691	4,732	1,033
Financing of military purchases	2	222	852	6,492	7,193	3,063	6,639	2,161	742
Social Progress Trust Fund	-	9	196	354	15	11	11	20	14
Other	35	88	25	177	18	21	14	17	9
P.L. 83-480 [7]	-	180	3,753	2,923	468	353	578	3,905	373
Loans of foreign currency:									
To foreign governments	-	111	2,354	551	24	27	31	47	17
To private enterprise	-	43	175	96	1	2	4	8	3
Long-term credit sales	-	27	1,223	2,275	444	325	542	3,850	352
Lend-lease, surplus property, and grant settlements	675	2,001	1,438	386	16	16	16	17	17
P.L. 80-806 [9]	-	-	1,763	4,748	106	548	469	3,440	488
Other	853	501	677	1,897	106	103	107	105	106

See footnotes at end of table.

No. 1317. U.S. Government Foreign Grants and Credits: 1946 to 1992—Continued

[In millions of dollars. See headnote, p. 812]

PROGRAM	1946-1955, total	1956-1965, total	1966-1975, total	1976-1985, total	1988	1989	1990	1991	1992, prel.
Other assistance (through net accumulation of foreign currency claims) [10]	541	2,802	-1,290	-287	-34	-2	-33	23	(Z)
Developed countries [3]	190	330	-203	-56	-26	-17	-7	-3	-2
Developing countries [2]	351	2,472	-1,086	-231	-8	15	-26	26	2
Currency claims acquired	813	11,498	6,888	1,227	81	64	76	100	31
Sales of farm products [1]	813	11,170	3,013	114	35	25	13	25	10
Second-stage operations [11]	-	329	3,875	1,113	46	39	63	75	21
Less: Currencies disbursed	*272*	*8,696*	*8,177*	*1,514*	*116*	*66*	*109*	*76*	*31*
Economic grants and credits to purchasing country	182	6,863	6,238	180	16	10	36	10	1
Other uses	90	1,833	1,940	1,334	99	56	72	67	30

- Represents zero. Z Less than $500,000. [1] For details, see table 1318. [2] Developed countries include Australia, Canada, Japan, New Zealand, South Africa, all countries listed under "Western Europe" in table 1318, except Portugal, Spain (through 1981), Yugoslavia, and Malta, and all countries listed under "Eastern Europe" in table 1318. Developing countries include all other countries listed in table 1318 (including Spain through 1981). [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: 1946-55, $1,463 million; 1956-65, $491 million; 1972, $994 million. Repayments on these settlements are included in net new credits. [7] Agricultural Trade Development and Assistance Act. [8] Outstanding credits on Dec. 31, 1992, totaled $54,754 million representing net credits extended since organization of Export-Import Bank, Feb. 12, 1934, less chargeoffs and net adjustments due to exchange rates ($2,083 million), and excluding World War I debts. The amount repayable in dollars at U.S. Government option was $53,659 million; the remainder was repayable in foreign currencies, commodities, or services, at the option of the borrowers. [9] Commodity Credit Corporation Charter Act. [10] Equivalent value of currencies still available to be used, including some funds advanced from foreign governments and after loss by exchange rate fluctuation ($1,618 million), was $56 million on Dec. 31, 1992. [11] 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. 1318. U.S. Government Foreign Grants and Credits, by Type and Country: 1946 to 1992

[In millions of dollars. See text, section 29. 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	1946-1955, total	1956-1965, total	1966-1975, total	1976-1985, total	1988	1989	1990	1991	1992, prel.
Total, net	**51,509**	**49,723**	**70,368**	**104,188**	**8,081**	**10,041**	**14,297**	**-31,897**	**16,624**
Investment in financial institutions	**635**	**655**	**2,719**	**10,432**	**1,314**	**1,173**	**1,301**	**1,498**	**1,419**
African Development Bank	-	-	-	54	9	7	19	(Z)	9
African Development Fund	-	-	-	125	40	34	75	78	131
Asian Development Bank	-	-	110	602	111	160	127	146	86
Inter-American Development Bank	-	300	1,321	2,770	124	97	90	74	128
Special Facility For Sub-Saharan Africa	-	-	-	-	48	-	-	-	-
International Bank for Reconstruction and Development	635	-	13	353	95	23	61	72	94
International Development Association	-	320	1,275	6,417	826	852	842	1,051	835
International Finance Corporation	-	35	-	111	25	-	75	40	25
Inter-American Investment Corporation	-	-	-	-	13	-	13	(Z)	12
Multilateral Investment Guarantee Agency	-	-	-	-	22	-	-	-	-
European Bank for Reconstruction and Development	-	-	-	-	-	-	-	36	99
Under assistance programs	**50,875**	**49,067**	**67,649**	**93,756**	**6,768**	**8,868**	**12,996**	**-33,395**	**15,206**
Developed Countries	35,150	5,834	616	757	-131	63	193	-14,288	1,173
Developing Countries	15,725	43,233	67,033	92,998	6,899	8,805	12,804	-19,107	14,032
Western Europe	**33,067**	**6,752**	**1,004**	**1,626**	**121**	**-247**	**-58**	**-5,859**	**553**
Austria	1,001	193	-19	34	-9	-11	-10	-19	-1
Belgium and Luxembourg	1,570	305	17	-46	-9	-9	-9	-3	-
Denmark	596	276	64	-58	-	-	-	-	-
Finland	86	-26	-19	21	6	7	-8	-5	-5
France	8,661	-171	-93	-222	-14	-14	-15	-8	-2
Germany	3,881	10	-117	-117	-	-1	-338	-6,117	-
Iceland	34	33	-8	-12	-4	(Z)	(Z)	-	-
Ireland	146	-16	-51	7	-6	-7	2	-6	-6
Italy	3,851	1,435	85	133	-28	-28	-30	-14	(Z)
Netherlands	1,716	322	116	-180	-	-	-	-	-
Norway	697	362	379	-257	-	-	-	-1	-15
Portugal	248	241	34	1,003	69	71	56	44	158
Spain	258	1,203	607	965	-113	-474	-122	-76	-123
Sweden	107	-20	17	-1	-3	-2	-	-	-
United Kingdom	7,458	105	-546	-964	-105	-109	-111	-113	-115
Yugoslavia	1,356	1,151	84	174	-2	11	-39	-55	-21
Other [1] and unspecified	1,399	1,351	454	1,146	338	320	566	514	682

See footnotes at end of table.

No. 1318. U.S. Government Foreign Grants and Credits, by Type and Country: 1946 to 1992—Continued

[In millions of dollars. See headnote, p. 813]

COUNTRY	1946-1955, total	1956-1965, total	1966-1975, total	1976-1985, total	1988	1989	1990	1991	1992, prel.
Eastern Europe	**623**	**501**	**226**	**1,029**	**-121**	**419**	**954**	**898**	**577**
Albania	9	-	-	-	-	-	-	12	29
Armenia	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)	16
Belarus	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)	22
Bulgaria	-	-	-	-	-	-	-	34	29
Czechoslovakia	136	-	-	-5	-	-	(Z)	32	46
Estonia	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)	24
Hungary	18	5	-5	6	-	-	1	37	38
Latvia	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)	25
Lithuania	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)	25
Poland	350	555	-75	1,017	-53	524	919	714	112
Romania	-	-	92	55	-1	-59	64	48	25
Russia	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)	47
Soviet Union	292	-58	214	-44	-66	-46	-30	3	(X)
Other and unspecified	17	(Z)	-	-	-	-	-	11	140
Near East and South Asia	**4,944**	**16,828**	**17,195**	**50,793**	**2,128**	**4,442**	**6,674**	**-24,589**	**7,241**
Afghanistan	31	227	185	56	30	76	57	59	70
Bangladesh	-	-	701	1,670	170	138	175	188	136
Cyprus	-	19	20	138	14	19	16	18	10
Egypt	41	1,009	271	13,600	3,490	2,085	4,976	2,508	2,539
Greece	2,026	1,281	905	362	488	306	282	-181	388
India	370	4,890	3,810	1,021	139	73	-8	100	17
Iran	314	1,061	914	-847	-19	-	-	-23	-
Iraq	13	81	-5	5	29	-16	-7	336	9
Israel	390	483	3,760	25,417	-1,826	1,902	4,454	2,029	4,746
Jordan	26	495	618	1,320	-231	161	139	67	118
Kuwait	-	-	-	-	-	-	-2,506	-13,550	-2
Lebanon	15	78	90	233	-7	(Z)	8	5	11
Nepal	3	86	105	177	19	15	20	16	19
Oman	-	-	(Z)	79	9	8	4	3	13
Pakistan	169	3,092	2,048	1,971	389	-387	524	346	89
Saudi Arabia	12	35	23	-20	-	-	-1,614	-13,913	-1,328
Sri Lanka	(Z)	89	153	512	43	43	72	109	53
Syria	1	57	15	262	(Z)	-	(Z)	-	-
Turkey	1,295	3,020	2,703	3,760	-720	-91	367	865	231
United Arab Emirates	-	-	-	-	(Z)	-	-361	-3,709	-
Yemen (Sanaa)	-	40	24	216	33	42	14	(X)	(X)
Yemen	-	-	-	-	-	-	28	19	14
UNRWA [2]	131	274	296	596	54	39	7	76	69
Other and unspecified	85	510	559	264	26	29	27	43	40
Africa	**147**	**2,272**	**3,610**	**11,074**	**1,257**	**982**	**1,841**	**1,485**	**1,396**
Algeria	1	135	263	345	-58	-77	59	-42	-13
Angola	-	-	6	115	2	-13	-15	-4	-30
Benin	-	7	12	44	5	12	5	10	16
Botswana	-	-	35	169	20	15	17	11	8
Burkina	-	5	40	287	18	14	15	32	14
Burundi	-	4	5	62	5	3	18	6	16
Cameroon	-	16	50	150	24	18	42	57	34
Cape Verde	-	-	1	68	6	4	6	7	8
Chad	(Z)	5	20	145	38	15	24	26	32
Ethiopia	13	200	297	310	71	37	54	123	62
Ghana	(Z)	64	203	152	17	46	14	32	28
Guinea	-	58	68	74	19	5	15	22	16
Ivory Coast	-	14	57	57	27	2	25	58	46
Kenya	(Z)	34	76	549	47	56	110	88	75
Lesotho	-	(Z)	27	197	23	19	15	11	14
Liberia	24	139	86	459	27	13	31	64	19
Madagascar	-	7	13	86	21	7	33	31	12
Malawi	-	5	30	56	34	44	34	51	38
Mali	-	12	58	199	50	27	31	44	31
Mauritania	-	1	20	161	11	14	11	6	2
Morocco	7	464	413	948	181	-5	95	98	13
Mozambique	-	-	1	175	56	48	80	89	61
Niger	-	5	64	223	25	34	33	44	34
Nigeria	(Z)	87	264	267	169	44	156	34	31
Rwanda	-	2	13	91	16	9	13	27	7
Senegal	-	18	48	361	45	46	60	40	37
Sierra Leone	(Z)	22	36	85	8	12	2	11	14

See footnotes at end of table.

No. 1318. U.S. Government Foreign Grants and Credits, by Type and Country: 1946 to 1992—Continued

[In millions of dollars. See headnote, p. 813]

COUNTRY	1946-1955, total	1956-1965, total	1966-1975, total	1976-1985, total	1988	1989	1990	1991	1992, prel.
Africa—Continued									
Somalia	(Z)	42	47	582	62	38	77	11	307
Sudan	-	86	52	1,358	110	118	145	113	11
Swaziland	-	(Z)	8	58	12	11	14	13	12
Tanzania	2	34	123	259	16	16	40	42	28
Togo	-	9	18	60	9	15	10	19	11
Tunisia	2	407	376	563	-175	56	38	5	16
Uganda	-	12	33	40	21	20	43	39	22
Zaire	(Z)	258	342	938	142	72	241	48	33
Zambia	-	1	35	331	18	21	63	50	76
Zimbabwe	-	(Z)	(Z)	271	6	12	10	28	72
Other and unspecified	96	118	350	781	133	157	176	141	185
Far East and Pacific	**9,678**	**16,199**	**34,780**	**9,635**	**304**	**408**	**-124**	**-9,152**	**583**
Australia	-9	-	276	-12	-26	-18	-34	-26	-18
Burma	25	134	43	31	9	1	1	-3	(Z)
Cambodia	28	327	1,771	-	-	-	-	-	-
China: Mainland	-	-	-	49	48	35	71	55	31
Taiwan	1,267	2,681	1,523	648	-8	-7	-7	-8	-7
Hong Kong	3	35	41	11	-8	-8	-8	-	-
Indonesia	246	501	1,390	1,661	-3	36	46	23	81
Japan and Ryukyu Islands	3,267	1,318	-345	-210	-4	-1	-635	-9,377	-30
Laos	37	647	1,868	-	-	-	-	-	-
Malaysia	1	30	86	39	-9	-36	-1	-2	(Z)
New Zealand	3	2	95	-68	-4	-4	-2	-2	-1
Pacific Islands, Trust Territory of the [3]	28	89	488	1,260	138	156	52	16	1
Philippines	1,028	554	729	1,466	418	338	566	391	503
Singapore	-	-	78	110	1	1	2	3	3
South Korea	1,420	4,744	5,426	3,518	-383	-132	-192	-331	-132
Thailand	192	727	996	733	72	12	-19	49	43
Vietnam	244	3,566	19,721	-	-	-	-	-	-
Other and unspecified	1,898	844	595	400	65	36	39	59	111
Western Hemisphere	**1,248**	**5,181**	**6,816**	**9,860**	**1,448**	**1,194**	**2,034**	**1,976**	**2,244**
Argentina	86	342	34	21	16	-6	64	87	90
Bolivia	77	288	270	413	82	131	116	197	174
Brazil	509	1,400	1,518	399	(Z)	-202	260	-21	494
Canada	-1	4	272	317	-50	-30	-41	-50	-38
Chile	100	740	724	-565	11	-46	-32	-40	-56
Colombia	43	446	846	298	-23	29	-29	19	-77
Costa Rica	15	83	103	687	107	143	108	63	23
Dominican Republic	2	184	360	550	52	52	28	25	3
Ecuador	32	131	144	153	47	24	62	26	26
El Salvador	3	56	93	1,681	405	406	303	309	288
Guatemala	23	148	160	270	142	161	96	82	105
Guyana	(Z)	7	71	36	5	8	42	11	9
Haiti	27	75	42	370	41	76	53	69	40
Honduras	6	53	113	801	194	133	223	194	126
Jamaica	16	3	120	643	95	148	108	111	83
Mexico	225	178	305	1,162	62	-100	141	38	-172
Nicaragua	8	67	150	197	(Z)	(Z)	100	395	205
Panama	10	103	210	205	13	8	102	152	193
Paraguay	4	67	86	22	(Z)	1	(Z)	1	(Z)
Peru	55	304	274	757	67	36	87	139	607
Trinidad and Tobago	-	35	21	151	-11	16	5	5	-10
Uruguay	8	90	116	-9	9	-6	-4	-5	-3
Venezuela	6	156	115	-35	-28	-21	-18	-14	-3
Central American Bank for Economic Integration	-	6	121	36	-3	-1	-5	-5	3
Caribbean Development Bank	-	-	8	108	-2	-2	-2	-6	-7
Other [4] and unspecified	-6	218	543	1,193	219	233	268	195	138
Other international organizations and unspecified areas	969	1,335	4,018	9,739	1,629	1,668	1,675	1,846	2,612

- Represents zero. Z Less than $500,000. [1] Includes European Atomic Energy Community, European Coal and Steel Community, European Payments Union, European Productivity Agency, North Atlantic Treaty Organization, and Organization for European Economic Cooperation. [2] United Nations Relief and Works Agency for Palestine refugees. [3] Excludes transactions after October 1986, with Commonwealth of the Northern Mariana Islands; includes transactions with Federated States of Micronesia, Republic of the Marshall Islands, and Republic of Palau. [4] Includes Andean Development Corporation, Eastern Caribbean Central Bank, 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. 1319. U.S. Foreign Economic and Military Aid Programs: 1946 to 1991

[**In millions of dollars.** For years ending **June 30** except, beginning **1977**, ending **Sept. 30.** Economic aid shown here represents 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 1946-1991 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 AND REGION	Total economic and military aid	ECONOMIC AID			MILITARY AID		
		Total	Loans	Grants	Total	Loans	Grants
1946 to 1991, total	**389,731**	**243,796**	**56,003**	**187,793**	**145,935**	**41,488**	**104,447**
1946 to 1952	41,661	31,116	8,518	22,598	10,545	-	10,545
1953 to 1961	43,358	24,053	5,850	18,203	19,305	161	19,144
1962 to 1969	50,254	33,392	15,421	17,972	16,862	1,620	15,242
1970 to 1979	65,714	26,902	9,995	16,907	38,812	14,179	24,633
1980 to 1989	140,130	92,082	13,740	78,342	48,048	21,884	26,164
1970	6,568	3,676	1,389	2,288	2,892	70	2,822
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	13,845	7,120	1,900	5,220	6,725	5,173	1,552
1980	9,695	7,573	1,993	5,580	2,122	1,450	672
1981	10,550	7,305	1,460	5,845	3,245	2,546	699
1982	12,324	8,129	1,454	6,675	4,195	3,084	1,111
1983	14,202	8,603	1,619	6,984	5,599	3,932	1,667
1984	15,524	9,038	1,621	7,417	6,486	4,401	2,085
1985	18,128	12,327	1,579	10,748	5,801	2,365	3,436
1986	16,739	10,900	1,330	9,570	5,839	1,980	3,859
1987	14,488	9,386	1,138	8,248	5,102	953	4,149
1988	13,792	8,961	852	8,109	4,831	763	4,068
1989	14,688	9,860	694	9,166	4,828	410	4,418
1990	15,727	10,834	756	10,078	4,893	404	4,489
1991	**16,405**	**11,623**	**354**	**11,269**	**4,783**	**428**	**4,355**
Near East and South Asia	7,660	3,628	171	3,457	4,032	370	3,662
East Asia	806	574	14	560	232	25	207
Europe	519	415	-	415	104	-	104
Latin America	1,712	1,475	100	1,376	237	23	214
Africa	1,394	1,300	66	1,234	94	10	84
Oceania and other	29	28	-	28	-	-	-
Nonregional	4,285	4,201	3	4,198	85	-	85

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

No. 1320. U.S. Foreign Military Aid, by Region and Selected Countries: 1985 to 1991

[**In millions of dollars.** For years ending **Sept. 30.** 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	1985	1988	1989	1990	1991	REGION AND COUNTRY	1985	1988	1989	1990	1991
Total	**5,801**	**4,831**	**4,828**	**4,893**	**4,783**	Cameroon	5	(Z)	(Z)	-	1
						Djibouti	3	1	1	2	2
Europe	**531**	**88**	**105**	**89**	**104**	Gabon	(Z)	(Z)	(Z)	-	-
Portugal	128	85	103	87	101	Kenya	22	6	16	11	1
Spain	403	2	2	2	2	Liberia	13	1	1	-	-
Near East and						Morocco	50	53	53	44	44
South Asia	**4,248**	**4,231**	**4,202**	**4,241**	**4,032**	Niger	5	1	1	2	2
Egypt	1,177	1,302	1,302	1,296	1,302	Somalia	34	7	1	1	-
Greece	501	344	351	349	351	Sudan	46	1	1	1	-
Israel	1,400	1,800	1,800	1,792	1,800	Tunisia	67	28	31	31	12
Jordan	92	28	12	70	21	Zaire	8	4	4	4	-
Lebanon	1	(Z)	(Z)	-	-	**Latin America** [1]	**269**	**144**	**164**	**234**	**237**
Oman	40	(Z)	(Z)	-	3	Colombia	1	4	8	73	50
Pakistan	326	261	231	230	-	Costa Rica	11	(Z)	(Z)	-	-
Turkey	704	493	504	501	554	Dominican Rep	9	1	1	2	2
Yemen	6	2	2	2	-	Ecuador	7	1	5	1	3
East Asia	**416**	**182**	**157**	**152**	**232**	El Salvador	136	82	81	81	67
Indonesia	34	6	3	2	27	Haiti	1	(Z)	(Z)	1	2
Malaysia	5	1	1	1	-	Honduras	67	41	41	21	34
Philippines	42	128	128	143	203	Jamaica	8	(Z)	4	1	2
South Korea	232	2	2	1	1	Panama	11	-	-	-	-
Thailand	102	46	24	5	1	Peru	9	(Z)	3	2	25
Africa [1]	**279**	**116**	**118**	**114**	**94**	**Nonregional**	**58**	**70**	**82**	**63**	**85**
Botswana	9	(Z)	1	1	1						

- Represents zero. Z Less than $500,000. [1] Includes countries not shown separately.

Source of tables 1319 and 1320: U.S. Agency for International Development, *U.S. Overseas Loans and Grants and Assistance from International Organizations*, annual.

No. 1321. U.S. Foreign Aid—Commitments for Economic Assistance, by Region and Selected Countries: 1985 to 1991

[**In millions of dollars.** For years ending **Sept. 30.** Falls under economic portion of the Foreign Assistance Act. Data cover commitments for economic and technical assistance by AID. See text, section 29]

REGION AND COUNTRY	1985	1988	1989	1990	1991
Total	**8,132**	**5,705**	**6,136**	**6,964**	**7,668**
Europe	**94**	**77**	**54**	**141**	**341**
Italy	2	-	-	-	-
Portugal	80	32	50	39	43
Spain	12	3	-	-	-
Near East and South Asia [1]	**3,867**	**2,523**	**2,562**	**2,565**	**3,192**
Bangladesh	76	49	53	56	49
Cyprus	15	10	20	5	15
Egypt	1,065	718	817	901	783
Israel	1,950	1,200	1,200	1,195	1,850
Jordan	100	24	16	4	31
Lebanon	20	5	3	8	9
Nepal	18	12	15	17	24
Oman	20	13	15	13	16
Pakistan	250	385	265	276	96
Sri Lanka	35	28	29	21	28
Turkey	175	32	60	15	250
Yemen (Sanaa)	28	22	24	23	3
Regional	23	-	-	12	8
East Asia	**313**	**225**	**541**	**482**	**522**
Burma	15	6	-	-	-
Indonesia	72	42	50	48	60
Philippines	183	78	347	314	328
Thailand	36	25	23	14	3
East Asia Regional	7	74	122	106	118
Africa [1]	**900**	**644**	**748**	**666**	**919**
Botswana	10	13	9	9	8
Burkina	8	4	6	4	6
Burundi	4	6	2	20	15
Cameroon	24	19	33	22	20
Cape Verde	3	3	3	3	4
Chad	16	17	16	11	16
Congo	1	1	1	1	1
Djibouti	4	4	3	3	4
Equatorial Guinea	1	1	1	1	1
Gambia, The	6	4	4	5	15
Ghana	2	7	10	15	29
Guinea	4	18	16	15	31
Guinea-Bissau	4	1	2	3	4
Kenya	40	43	56	36	25
Lesotho	11	26	10	7	11
Liberia	60	10	21	-	-
Malawi	25	44	21	23	57
Mali	32	21	27	21	37
Mauritania	11	4	2	1	1
Mauritius	7	15	2	-	3
Morocco	38	31	32	31	50
Niger	28	35	24	20	28
Rwanda	19	5	9	12	40
Senegal	44	24	49	37	25
Seychelles	2	3	3	3	3
Sierra Leone	(Z)	1	1	1	1
Somalia	51	10	13	1	1
Sudan	149	17	5	8	2
Swaziland	9	16	7	7	9
Tanzania	(Z)	9	10	9	39
Togo	4	4	4	4	9
Tunisia	23	12	13	14	4
Uganda	9	25	14	43	45
Zaire	36	31	36	31	22
Zambia	42	13	7	17	35
Zimbabwe	41	13	29	28	43
Regional	96	65	110	73	12
Latin America [1]	**1,506**	**967**	**937**	**1,486**	**1,075**
Belize	23	8	8	6	7
Bolivia	18	38	37	58	100
Costa Rica	196	101	115	78	42
Dominican Rep.	126	33	20	18	14
Ecuador	33	15	27	17	16
El Salvador	376	266	253	200	180
Grenada	11	-	-	-	-
Guatemala	76	110	114	86	60
Guyana	-	-	-	2	1
Haiti	31	31	40	42	51
Honduras	205	130	53	167	99
Jamaica	115	40	65	28	27
Nicaragua	-	-	4	220	215
Panama	74	1	-	396	40
Paraguay	1	1	1	1	1
Peru	38	28	22	22	69
ROCAP [2]	107	59	48	30	21
Regional	30	74	100	88	96
Nonregional	**1,453**	**1,269**	**1,296**	**1,607**	**1,598**

- Represents zero. Z Less than $500,000. [1] Includes countries not shown separately. [2] Regional programs covering Costa Rica, El Salvador, Guatemala, Honduras, Nicaragua, and Panama.

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

No. 1322. U.S. International Trade in Goods and Services: 1992 and 1993

[**In millions of dollars.** Data presented on a balance of payments basis and will not agree with the following merchandise trade tables 1323 to 1332]

CATEGORY	EXPORTS		IMPORTS		TRADE BALANCE	
	1992	1993	1992	1993	1992	1993
Total	**616,924**	**641,677**	**657,308**	**717,402**	**-40,384**	**-75,725**
Goods	440,361	456,866	536,458	589,441	-96,097	-132,575
Services	176,563	184,811	120,850	127,961	55,713	56,850
Travel	54,284	57,621	39,007	40,564	15,277	17,057
Passenger fares	16,972	16,550	10,608	11,416	6,364	5,134
Other transportation	22,704	23,151	23,460	24,502	-756	-1,351
Royalties and license fees	19,922	20,398	4,987	4,840	14,935	15,558
Other private services	50,992	54,870	26,625	32,119	24,367	22,751
Direct defense expenditures	10,828	11,413	13,862	12,176	-3,034	-763
U.S. Government miscellaneous services	861	808	2,301	2,344	-1,440	-1,536

Source: U.S. Bureau of the Census, *U.S. International Trade in Goods and Services*, series FT-900(93).

No. 1323. U.S. Exports and Imports of Merchandise: 1970 to 1993

[**In billions of dollars, except percent.** Includes silver ore and bullion; beginning 1974, includes shipments of nonmonetary gold. Data may differ from those shown in other tables due to revisions and inclusion of the Virgin Islands since 1974. For basis of dollar values, see text, section 29. See also *Historical Statistics, Colonial Times to 1970*, series U 190-195 and U 207-212]

YEAR	Merchandise trade balance	EXPORTS [1]					GENERAL IMPORTS [4]				AVERAGE ANNUAL PERCENT CHANGE [5]	
		Total [2]	Domestic				Total [3]	Petroleum	Machinery	Transport equipment	Domestic exports	General imports
			Total [3]	Agricultural	Machinery	Transport equipment						
1970	2.7	42.7	42.0	7.2	11.4	6.5	40.0	2.8	5.3	5.9	14.1	10.8
1971	-2.0	43.5	42.9	7.7	11.6	7.9	45.6	3.3	6.0	7.9	1.9	14.0
1972	-6.4	49.2	48.4	9.4	13.2	8.3	55.6	4.3	7.8	9.6	13.1	21.9
1973	1.3	70.8	69.7	17.7	17.1	10.7	69.5	7.6	10.0	11.1	43.9	25.0
1974	-4.5	98.1	96.5	22.0	23.7	14.5	102.6	24.3	11.6	12.5	38.6	47.6
1975	9.1	107.7	106.1	21.9	28.5	17.2	98.5	24.8	12.0	12.2	9.8	-4.0
1976	-8.3	115.2	113.5	23.0	31.3	18.2	123.5	31.8	15.2	14.6	7.0	25.4
1977	-29.2	121.2	118.9	23.7	32.5	18.5	150.4	41.5	17.7	17.8	5.2	21.8
1978	-31.1	143.7	141.0	29.4	37.0	22.3	174.8	39.1	24.4	23.2	18.6	16.2
1979	-27.6	181.9	178.6	34.8	44.7	25.8	209.5	56.0	28.0	25.6	26.6	19.9
1980	-24.2	220.6	216.5	41.3	55.8	28.8	244.9	77.6	31.9	28.6	21.3	16.9
1981	-27.3	233.7	228.9	43.3	62.9	32.8	261.0	75.6	38.2	31.4	5.9	6.6
1982	-31.8	212.3	207.1	36.6	60.3	23.6	244.0	59.4	39.7	33.6	-9.2	-6.5
1983	-57.5	200.5	196.0	36.1	54.3	28.3	258.0	52.3	47.0	39.2	-5.6	5.7
1984	-107.9	217.9	212.1	37.8	60.3	29.7	325.7	55.9	68.4	50.8	8.7	26.2
1985	-132.1	213.1	206.9	29.2	59.5	34.8	345.3	49.6	75.3	62.0	-2.2	6.0
1986	-152.7	217.3	206.4	26.1	60.4	34.9	370.0	34.1	87.5	74.0	2.0	7.2
1987	-152.1	254.1	243.9	28.6	69.6	39.0	406.2	41.5	99.4	78.4	16.9	9.8
1988	-118.6	322.4	310.0	37.0	88.4	46.7	441.0	38.8	117.3	79.8	26.9	8.6
1989	-109.6	363.8	349.4	40.0	98.3	50.5	473.4	49.1	126.8	79.0	12.8	7.3
1990	-101.7	393.6	375.1	38.7	122.4	32.1	495.3	60.5	134.8	72.4	8.2	4.6
1991	-65.4	421.7	401.1	38.5	139.7	34.9	487.1	50.1	131.8	70.6	7.1	-1.7
1992	-84.5	448.2	425.7	42.2	126.6	36.9	532.7	50.4	148.3	75.5	6.3	9.4
1993	-115.8	464.8	439.3	41.8	136.4	36.6	580.5	49.7	168.7	83.3	3.7	9.0

[1] Includes "Special Category" items and beginning 1974, includes trade of Virgin Islands with foreign countries. F.a.s. value basis. [2] Domestic and foreign exports excluding M.A.P. Grant-Aid shipments, through 1985; 1986 through 1988 include Grant-Aid shipments. [3] Includes commodity groups not shown separately. [4] 1970-73, 1982-91, customs value basis; 1974-81, f.a.s. value basis. Beginning 1974, includes trade of Virgin Islands with foreign countries. [5] 1970, change from 1965; thereafter, from previous year. For explanation of average annual percent change, see Guide to Tabular Presentation.

Source: U.S. Bureau of the Census, 1970-88, *Highlights of U.S. Export and Import Trade*, FT 990, monthly; beginning 1989, *U.S. Merchandise Trade: Export, General Imports, and Imports for Consumption*, series FT 925, monthly.

No. 1324. U.S. Exports and Imports for Consumption of Merchandise, by Major Customs District: 1980 to 1993

[**In billions of dollars.** Exports are f.a.s. (free alongside ship) value all years; imports are on customs value basis. See also *Historical Statistics, Colonial Times to 1970,* series U 264-273]

CUSTOMS DISTRICT	EXPORTS						IMPORTS FOR CONSUMPTION					
	1980	1985	1990	1991	1992	1993	1980	1985	1990	1991	1992	1993
Total [1]	**220.8**	**213.1**	**393.0**	**421.9**	**447.5**	**464.9**	**244.0**	**343.6**	**490.6**	**483.0**	**525.1**	**574.9**
Anchorage, AK	1.0	1.3	3.7	4.6	5.1	4.8	0.2	0.2	0.7	0.9	1.3	2.0
Baltimore, MD	9.0	5.5	6.7	8.0	7.7	7.7	6.0	8.8	11.2	10.1	10.8	11.7
Boston	0.8	3.0	5.6	4.3	4.4	4.4	5.0	8.2	12.2	11.8	12.0	11.7
Buffalo, NY	6.3	8.4	15.8	15.7	18.0	19.5	7.4	14.7	19.2	18.7	21.2	24.2
Charleston, SC [2]	3.1	2.9	6.7	7.2	7.3	7.3	1.8	3.3	6.8	6.3	6.6	7.5
Chicago, IL	4.2	5.4	10.2	11.3	11.9	13.2	4.1	11.4	18.3	19.4	22.5	25.1
Cleveland, OH	1.8	2.1	4.0	4.0	4.1	4.4	1.5	3.8	11.3	11.8	13.8	15.5
Dallas/Fort Worth, TX	0.5	1.0	3.4	2.6	3.9	4.2	1.2	2.4	4.8	4.9	5.3	6.3
Detroit, MI	14.6	22.8	35.6	36.0	37.4	44.3	12.7	27.4	37.8	37.6	42.0	47.5
Duluth, MN	1.5	0.9	0.8	0.8	0.9	0.9	3.0	3.0	3.9	3.3	3.6	4.1
El Paso, TX	1.8	2.1	3.9	4.7	6.1	6.5	1.4	2.5	5.0	5.5	6.5	8.1
Great Falls, MT	1.8	1.5	2.4	3.3	3.1	3.5	3.2	4.0	4.7	4.6	4.9	5.7
Honolulu, HI	0.2	0.4	0.5	0.6	0.6	1.1	1.8	1.6	2.1	1.9	2.1	2.2
Houston/Galveston, TX	15.7	12.5	17.6	20.5	20.2	19.8	20.1	17.3	21.6	19.2	18.7	19.7
Laredo, TX	8.3	7.2	15.2	18.2	21.7	22.7	2.7	4.8	10.0	10.4	11.8	13.7
Los Angeles, CA	14.8	19.5	42.1	46.0	49.4	48.3	20.0	44.1	64.1	66.4	71.9	79.5
Miami, FL	6.9	6.1	11.2	13.4	16.0	17.1	2.6	4.4	7.1	7.3	8.4	9.4
Milwaukee, WI	0.4	0.2	0.1	0.1	0.1	0.1	0.4	1.0	1.1	1.1	1.2	1.2
Minneapolis, MN	0.1	0.2	0.9	0.9	1.1	1.1	0.3	1.0	2.0	2.2	2.7	2.5
Mobile, AL [2]	2.6	1.1	1.9	2.2	2.2	2.1	3.0	2.8	3.4	3.3	3.2	3.1
New Orleans, LA	19.5	13.9	18.0	18.8	20.1	19.7	22.5	14.7	24.1	22.3	23.3	24.7
New York, NY	38.9	28.5	50.9	54.6	53.4	58.5	43.4	60.5	68.0	67.4	72.8	75.7
Nogales, AZ	0.8	0.8	2.1	2.2	2.8	3.0	1.2	2.0	4.2	4.4	4.6	5.7
Norfolk, VA [2]	8.0	5.4	11.7	11.5	11.9	11.0	4.7	6.0	7.4	7.4	7.5	7.3
Ogdensburg, NY	3.8	4.1	7.9	7.5	7.9	7.8	4.6	6.8	9.8	9.9	10.0	11.4
Pembina, ND	2.3	2.2	3.4	4.3	4.3	4.8	3.0	3.2	4.1	4.1	4.5	5.3
Philadelphia, PA	3.2	2.0	4.0	4.4	4.4	4.4	15.6	15.8	18.3	16.1	16.4	16.1
Port Arthur, TX	2.0	0.8	0.9	0.7	0.8	0.9	9.4	2.7	3.2	2.8	3.1	3.8
Portland, ME	4.3	0.6	1.7	2.1	1.8	2.2	1.6	2.3	4.3	3.8	4.0	4.0
Portland, OR	3.8	3.5	5.8	6.0	7.2	7.4	2.6	3.8	5.6	5.3	5.1	5.7
Providence, RI	2.7	0.1	(Z)	(Z)	(Z)	0.1	1.5	2.3	1.3	1.1	1.1	1.1
San Diego, CA	1.4	1.6	3.4	3.9	4.6	4.6	1.0	1.8	4.3	4.7	5.5	6.2
San Francisco, CA	10.6	11.3	23.1	23.9	27.1	29.5	8.3	15.5	28.0	29.2	33.2	38.8
San Juan, PR	0.9	1.2	2.5	2.4	2.5	2.7	3.7	4.0	5.4	4.8	5.0	4.9
Savannah, GA	2.4	3.4	7.4	8.4	8.9	8.7	2.2	5.1	9.8	10.1	11.3	12.8
Seattle, WA	12.0	12.1	32.6	35.0	35.5	35.2	9.2	13.4	20.9	18.9	20.5	21.8
St. Albans, VT	0.7	1.1	4.0	4.1	4.0	3.8	1.6	2.7	5.2	5.2	5.3	5.5
St. Louis, MO	0.2	0.1	0.3	0.4	0.7	0.3	0.9	1.6	3.0	2.8	3.4	3.9
Tampa, FL	2.8	2.8	4.3	5.2	5.2	4.7	3.7	6.6	7.0	6.8	7.0	7.3
Virgin Islands of the U.S.	0.1	0.1	0.2	0.3	0.1	0.2	4.1	1.7	2.1	1.7	1.8	1.6
Washington, DC	0.3	0.5	1.1	1.6	1.6	1.9	0.4	0.5	0.8	0.7	0.8	0.8
Wilmington, NC	1.3	1.3	3.0	2.8	3.9	3.0	1.1	1.9	3.3	3.4	4.8	5.6

Z Less than $50 million. [1] Totals shown for exports reflect the value of estimated parcel post and Special Category shipments, and beginning 1990, adjustments for undocumented exports to Canada which are not distributed by customs district. Beginning 1985, the value of bituminous coal exported through Norfolk, VA; Charleston, SC; and Mobile, AL is reflected in the total but not distributed by district. [2] Beginning 1985, excludes exports of bituminous coal.

Source: U.S. Bureau of the Census, 1980 and 1985, *Highlights of U.S. Export and Import Trade,* FT 990; beginning 1990, *U.S. Merchandise Trade: Selected Highlights,* series FT 920, monthly.

No. 1325. Export and Import Unit Value Indexes—Selected Countries: 1989 to 1993

[**Indexes in U.S. dollars, 1985 = 100.** A unit value is an implicit price derived from value and quantity data]

COUNTRY	EXPORT UNIT VALUE					IMPORT UNIT VALUE				
	1989	1990	1991	1992	1993	1989	1990	1991	1992	1993
United States	**112.8**	**113.9**	**114.9**	**115.0**	**115.5**	**111.9**	**115.6**	**115.6**	**116.5**	**115.7**
Australia	140.6	140.0	127.7	122.8	115.2	126.8	130.2	131.3	129.3	129.4
Austria	146.2	169.6	159.8	166.3	(NA)	141.0	160.0	156.1	162.9	(NA)
Belgium-Luxembourg	146.3	167.2	160.5	168.1	(NA)	134.9	156.2	150.8	155.0	(NA)
Canada	118.4	119.2	117.1	113.6	112.4	111.9	115.8	116.1	114.7	114.1
Denmark	146.2	169.9	164.7	172.6	(NA)	136.5	155.8	151.6	155.4	(NA)
France	145.0	167.1	160.8	166.5	(NA)	129.2	148.4	141.8	145.3	(NA)
Germany	155.5	178.9	173.1	182.7	(NA)	133.9	151.9	150.4	154.9	(NA)
Italy	149.8	175.2	174.1	176.6	(NA)	126.5	143.8	137.8	137.9	(NA)
Japan	143.3	141.9	152.0	162.9	(NA)	107.2	113.2	110.6	109.5	(NA)
Norway	101.4	116.8	108.0	103.6	(NA)	139.5	155.0	147.2	150.7	(NA)
Sweden	150.9	167.5	165.4	165.6	(NA)	136.5	151.6	147.4	148.7	(NA)
United Kingdom	123.2	138.4	138.5	140.2	(NA)	124.6	138.4	139.1	139.5	(NA)

NA Not available.

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

No. 1326. U.S. Exports, by State of Origin: 1990 to 1993

[In millions of dollars. Exports are on a f.a.s. value basis]

STATE AND OTHER AREAS	1990	1992	1993		STATE AND OTHER AREAS	1990	1992	1993	
			Total	Rank				Total	Rank
Total	**394,045**	**448,156**	**464,767**	**(X)**	MT	229	268	272	49
					NE	693	1,233	1,355	36
U.S.	**315,065**	**379,263**	**391,925**	**(X)**	NV	394	507	539	44
AL	2,834	3,629	3,440	27	NH	973	917	904	42
AK	2,850	3,195	2,512	31	NJ	7,633	8,955	9,286	13
AZ	3,729	5,109	5,436	21	NM	249	356	434	45
AR	920	1,324	1,353	37	NY	22,072	22,628	28,370	3
CA	44,520	56,307	57,198	1	NC	8,010	10,374	9,869	12
CO	2,274	2,594	3,065	28	ND	360	336	408	46
CT	4,356	5,028	5,519	20	OH	13,378	16,306	17,306	6
DE	1,344	1,508	1,318	39	OK	1,646	1,987	2,101	33
DC	320	344	464	(X)	OR	4,065	4,890	5,273	22
FL	11,634	14,431	14,239	9	PA	8,491	10,329	10,463	10
GA	5,763	7,652	6,823	16	RI	595	859	893	43
HI	179	206	260	48	SC	3,116	4,222	4515	23
ID	896	1,076	1,122	40	SD	205	232	254	50
IL	12,965	15,328	16,424	7	TN	3,746	5,156	5,597	19
IN	5,273	6,148	7,168	15	TX	32,931	43,553	45,290	2
IA	2,189	2,476	2,779	29	UT	1,596	2,706	2,367	32
KS	2,113	2,514	2,666	30	VT	1,154	1,314	1,342	38
KY	3,175	3,648	4,212	25	VA	9,333	9,784	9,052	14
LA	14,199	16,151	14,372	8	WA	24,432	28,041	26,624	4
ME	870	902	1,027	41	WV	1,550	1,746	1,423	35
MD	2,592	3,879	4,376	24	WI	5,158	6,173	6,769	17
MA	9,501	10,400	10,426	11	WY	264	368	337	47
MI	18,474	20,414	23,198	5					
MN	5,091	6,137	6,228	18	PR	3,600	3,872	4,073	(X)
MS	1,605	1,963	1,667	34	VI	51	121	150	(X)
MO	3,130	3,664	3,528	26	Other [1]	75,328	64,900	68,619	(X)

X Not applicable. [1] Includes unreported, not specified, special category, estimated shipments, foreign trade zone, re-exports, and any timing adjustments.

Source: U.S. Bureau of the Census, *U.S. Merchandise Trade,* series FT 900, December issues.

No. 1327. U.S. Trade in Advanced Technology Products: 1990 to 1993

[In billions of dollars. Exports are f.a.s. value basis and imports are on customs value basis]

PRODUCT CATEGORY	EXPORTS				GENERAL IMPORTS				MERCHANDISE TRADE BALANCE			
	1990	1991	1992	1993	1990	1991	1992	1993	1990	1991	1992	1993
Total	**93.4**	**100.0**	**105.1**	**108.4**	**59.3**	**63.1**	**71.8**	**81.2**	**34.1**	**36.9**	**33.3**	**27.2**
Advanced materials [1]	6.4	6.2	0.6	0.7	1.0	1.1	0.4	0.5	5.4	5.1	0.2	0.2
Aerospace	37.0	41.9	42.5	37.4	10.7	12.1	12.8	11.6	26.3	29.8	29.7	25.9
Biotechnology [2]	0.6	0.7	0.7	0.8	(Z)	(Z)	(Z)	0.1	0.6	0.7	0.7	0.8
Electronics	7.5	8.9	16.5	19.6	11.0	12.4	15.4	19.4	-3.5	-3.5	1.2	0.2
Flexible manufacturing [3]	3.1	3.3	3.4	4.0	1.7	1.8	1.7	2.2	1.4	1.5	1.7	1.8
Information and communications	31.4	30.7	32.5	36.7	30.2	29.2	33.9	40.1	1.2	1.5	-1.4	-3.4
Life science	4.9	5.5	5.8	6.1	3.4	4.3	4.8	4.7	1.5	1.2	1.1	1.5
Nuclear technology	1.3	1.3	1.5	1.4	(Z)	(Z)	(Z)	(Z)	1.3	1.3	1.5	1.4
Opto-electronics [4]	0.5	0.6	0.6	0.7	1.1	2.0	2.6	2.5	-0.6	-1.4	-2.0	-1.8
Weapons	0.7	0.9	0.8	0.7	0.1	0.2	(Z)	0.2	0.6	0.7	0.6	0.6

Z Less than $50 million. [1] Encompasses recent advances in the development of materials that allow for further development and application of other advanced technologies. Examples are semiconductor materials, optical fiber cable and video discs. [2] Biotechnology is the medical and industrial application of advanced scientific discoveries in genetics to the creation of new drugs, hormones and other therapeutic items for both agricultural and human use. [3] Encompasses advances in robotics, numerically—controlled machine tools, and similar products involving industrial automation that allow for greater flexibility to the manufacturing process and reduce the amount of human intervention. Includes robots, numerically controlled machine tools and semiconductor production and assembly machines. [4] Encompasses electronic products and components that involve the emitting and/or detection of light. Examples of products included are optical scanners, optical disc players, solar cells, photo-sensitive semiconductors and laser printers.

Source: U. S. Bureau of the Census, *U. S. Merchandise Trade,* series FT 900, December issues.

No. 1328. U.S. Exports and General Imports of Major SITC Commodity Groups—Value, by Area: 1992

[In millions of dollars. SITC=Standard International Trade Classification. Includes nonmonetary gold. Exports are f.a.s. (free alongside ship) transaction value basis; imports are customs value basis]

COMMODITY GROUPS	Total [1]	WESTERN HEMISPHERE		WESTERN EUROPE				ASIA	
		Canada	Mexico	United Kingdom	Germany	France	Italy	Japan	South Korea
Exports, total [1]	**448,164**	**90,594**	**40,592**	**22,800**	**21,249**	**14,593**	**8,721**	**47,813**	**14,639**
Meat and meat preparations	4,233	579	586	27	17	59	13	1,993	247
Fish (except marine mammal) crustaceans, etc., preparations	3,491	370	49	147	20	110	43	2,238	134
Cereals and cereal preparations	12,237	496	985	47	33	44	114	2,315	451
Vegetables and fruit	6,284	2,345	214	289	292	137	67	1,112	90
Feeding stuff for animals not including unmilled cereal	3,665	424	264	123	105	91	60	499	58
Miscellaneous edible products and preparations	1,533	360	112	23	8	50	3	108	35
Tobacco and tobacco manufactures	6,177	21	7	74	315	12	60	1,666	119
Hides, skins, and furskins, raw	1,375	70	135	2	10	11	36	289	580
Oil seeds and oleaginous fruits	4,851	95	510	72	230	69	147	913	248
Cork and wood	5,347	726	289	99	167	43	195	2,617	260
Pulp and waste paper	3,883	280	297	200	277	189	328	661	422
Textile fibers & their wastes (excluding wool tops, etc)	3,118	157	182	61	83	12	99	368	380
Crude fertilizers & crude minerals [2]	1,434	259	74	39	64	20	54	297	77
Metalliferous ores and metal scrap	3,653	926	140	126	73	25	48	567	425
Crude animal and vegetable materials, n.e.s.	1,189	223	133	47	88	28	33	116	35
Coal, coke and briquettes	4,428	559	20	264	40	335	447	532	151
Petroleum, petroleum products, and related materials	6,095	630	892	46	100	77	154	515	551
Organic chemicals	11,141	1,162	816	400	468	257	285	998	521
Inorganic chemicals	4,262	501	277	182	222	99	49	1,142	176
Dyeing, tanning and coloring materials	1,892	535	163	112	49	22	19	105	69
Medicinal and pharmaceutical products	5,447	771	130	294	376	368	445	817	58
Essential oils, etc; toilet, polishing preparations	2,711	650	205	162	74	66	40	232	59
Fertilizers [2]	2,391	199	78	11	32	46	9	158	78
Plastics in primary forms	7,206	1,434	671	227	200	78	53	459	276
Plastics in nonprimary forms	3,128	868	495	134	149	78	41	187	73
Chemical materials and products, n.e.s.	6,461	1,312	325	284	425	328	168	724	216
Rubber manufactures, n.e.s.	2,560	1,120	328	86	82	37	21	229	27
Cork and wood manufactures other than furniture	1,439	331	224	143	138	14	23	100	61
Paper, paperboard and articles	6,403	1,658	986	234	183	94	106	545	150
Textile yarn, fabrics, made-up articles, n.e.s.	5,911	1,517	712	303	192	89	117	233	132
Nonmetallic mineral manufactures, n.e.s.	4,885	1,270	286	192	144	94	53	342	110
Iron and steel	3,868	1,359	959	110	61	35	41	112	82
Nonferrous metals	5,073	1,344	587	246	127	132	48	1,009	135
Manufactures of metals, n.e.s.	7,286	2,632	1,320	343	277	114	106	416	140
Power generating machinery and equipment	18,485	4,596	1,528	1,195	732	2,381	234	882	705
Machinery specialized for particular industries	17,250	2,933	1,382	807	738	544	302	783	511
Metalworking machinery	3,149	491	443	155	172	97	73	246	250
General industrial machinery, equipment, parts	18,908	5,086	1,905	851	814	538	265	1,046	708
Office machines and automatic data processing machines	30,997	5,025	1,317	3,102	2,884	1,527	598	3,660	532
Telecommunications, sound recording, reproduction apparatus and equipment	12,370	2,103	1,928	619	447	253	257	929	406
Electrical machinery, apparatus, and appliances, n.e.s.	37,561	8,502	5,256	2,146	1,630	860	638	2,660	1,465
Road vehicles (incl. air-cushion vehicles)	38,191	18,271	4,309	472	1,929	376	175	1,573	284
Transport equipment, n.e.s.	38,527	1,826	983	2,712	2,386	1,713	1,219	3,890	1,531
Furniture, bedding, mattresses, etc.	2,600	1,142	628	85	68	41	9	97	11
Articles of apparel and clothing accessories	4,209	341	741	100	79	81	72	519	11
Professional scientific and control instruments and apparatus	14,947	2,070	1,238	1,030	1,248	842	493	1,762	512
Photo apparatus, equipment and optical goods n.e.s.; watch and clocks	4,340	729	295	441	291	295	95	612	46
Miscellaneous manufactured articles	23,324	4,832	1,771	1,793	1,647	789	343	2,431	539
Special transactions and commodities not classified by kind	4,072	1,331	154	142	200	46	25	275	115
Gold, nonmonetary (excluding ores and concentrates	4,142	507	180	1,031	106	354	4	144	19
Shipments under $10,000 and under $1,500 documented exports	10,432	1,803	1,506	689	547	367	185	577	135

See footnotes at end of table.

No. 1328. U.S. Exports and General Imports of Major SITC Commodity Groups—Value, by Area: 1992—Continued

[In millions of dollars. See headnote, page 821]

COMMODITY GROUPS	Total [1]	WESTERN HEMISPHERE		WESTERN EUROPE				ASIA	
		Canada	Mexico	United Kingdom	Germany	France	Italy	Japan	South Korea
Imports, total [1]	**532,665**	**98,630**	**35,211**	**20,093**	**28,820**	**14,797**	**12,314**	**97,414**	**16,682**
Meat and meat preparations	2,722	668	2	-	1	4	7	3	-
Fish (except marine mammal) crustaceans, etc., preps	5,657	1,121	250	16	2	8	1	140	108
Vegetables and fruit	5,698	277	1,327	8	91	22	33	41	13
Coffee, tea, cocoa, spices manufactures thereof	3,209	213	294	28	87	11	20	4	1
Beverages	4,062	591	262	667	186	990	403	33	5
Cork and wood	3,970	3,539	178	-	2	1	3	1	-
Pulp and waste paper	2,129	1,793	5	-	5	-	-	-	-
Metalliferous ores and metal scrap	3,340	1,016	221	60	24	26	1	22	12
Petroleum, petroleum products, and related materials	50,361	6,518	4,663	1,790	151	245	481	49	104
Gas, natural and manufactured	3,885	3,540	74	6	3	9	1	-	3
Organic chemicals	9,408	851	306	1,085	1,339	474	423	1,184	87
Inorganic chemicals	3,305	1,026	195	308	351	240	68	215	4
Medicinal and pharmaceutical products	3,810	172	27	673	502	169	219	323	2
Chemical materials and products, n.e.s.	2,622	414	59	245	399	190	37	348	12
Rubber manufactures, n.e.s.	3,727	1,063	71	97	204	165	92	1,002	235
Cork and wood manufactures other than furniture	2,497	939	114	12	29	47	45	8	5
Paper, paperboard and articles	7,998	5,958	134	200	230	146	60	210	61
Textile yarn, fabrics, made-up articles, n.e.s.	7,844	600	353	284	357	195	512	642	540
Nonmetallic mineral manufactures, n.e.s.	10,172	706	468	489	430	318	552	723	87
Iron and steel	9,320	1,922	271	334	727	557	184	1,939	599
Nonferrous metals	8,513	3,711	411	312	389	126	41	291	4
Manufactures of metals, n.e.s.	9,493	1,345	675	279	595	263	222	1,612	475
Power generating machinery and equipment	15,888	2,416	1,433	2,163	1,669	2,479	239	3,742	93
Machinery specialized for particular industries	11,814	1,068	163	869	2,868	544	771	3,087	66
Metalworking machinery	3,187	268	12	148	569	47	110	1,292	64
General industrial machinery, equipment, parts	15,520	1,982	981	913	2,226	421	731	4,079	377
Office machines and automatic data processing machines	36,377	2,365	952	1,169	688	348	192	13,993	1,421
Telecommunications, sound recording, reproduction apparatus and equipment	25,803	1,126	3,560	299	197	161	52	9,237	1,916
Electrical machinery, apparatus and appliances, n.e.s.	39,710	3,610	5,527	1,102	2,119	625	273	10,736	2,715
Road vehicles (incl air-cushion vehicles)	75,477	28,112	5,120	755	6,595	654	457	28,952	876
Transport equipment, n.e.s.	8,252	2,224	25	951	246	1,885	496	569	78
Furniture, bedding, mattresses, etc.	5,503	1,269	780	82	148	59	428	174	38
Travel goods, handbags and similar containers	2,509	16	64	5	14	75	202	6	304
Articles of apparel and clothing accessories	31,226	442	1,183	167	132	182	877	133	2,676
Footwear	10,183	50	212	72	65	48	785	4	1,527
Professional scientific and control instruments and apparatus	7,602	634	821	702	1,123	310	94	1,848	96
Photo apparatus, equipment and optical goods,n.e.s.; watch and clocks	7,916	347	194	296	365	222	343	3,083	141
Miscellaneous manufactured articles, n.e.s.	28,543	1,555	995	1,307	955	813	1,633	4,458	1,442
Special transactions and commodities not classified by kind	13,134	4,063	1,165	1,094	841	495	248	882	123
Estimate of low valued import transactions	3,947	900	320	222	373	124	105	733	44

- Represents zero. [1] Includes countries and commodities not shown separately. [2] Other than fertilizers covered in SITC division 56 (Fertilizers). [3] Other than crude fertilizers covered in SITC division 272.

Source: U.S. Bureau of the Census, *U.S. Merchandise Trade: Exports, General Imports, and Imports for Consumption*, series FT 927.

No. 1329. U.S. Exports, Imports, and Merchandise Trade Balance, by Country: 1989 to 1993

[In millions of dollars. Includes silver ore and bullion. Country totals include exports of special category commodities, if any. Data include nonmonetary gold and includes trade of Virgin Islands with foreign countries, see footnote 2 for exception. Minus sign (-) denotes an excess of imports over exports. See *Historical Statistics, Colonial Times to 1970*, series U 317-352, for selected countries]

COUNTRY	EXPORTS, DOMESTIC AND FOREIGN					GENERAL IMPORTS [1]					MERCHANDISE TRADE BALANCE				
	1989	1990	1991	1992	1993	1989	1990	1991	1992	1993	1989	1990	1991	1992	1993
Total [2]	**363,812**	**393,592**	**421,730**	**448,164**	**464,767**	**473,211**	**495,311**	**487,129**	**532,665**	**580,511**	**-109,399**	**-101,718**	**-65,399**	**-84,501**	**-115,744**
Afghanistan	5	4	3	4	10	5	5	5	2	3	(Z)	-1	-2	2	7
Albania	5	10	18	36	34	3	2	3	5	8	3	8	15	31	26
Algeria	756	951	727	688	898	1,829	2,626	2,103	1,586	1,583	-1,074	-1,674	-1,376	-898	-685
Andorra	50	40	17	16	15	(Z)	(Z)	(Z)	(Z)	(Z)	50	40	17	16	15
Angola	97	152	186	158	169	1,929	1,904	1,775	2,303	2,090	-1,832	-1,752	-1,589	-2,145	-1,921
Anguilla	17	15	11	11	14	(Z)	(Z)	1	(Z)	(Z)	17	15	10	11	14
Antigua	74	69	74	68	73	12	4	4	5	15	62	65	70	63	58
Argentina	1,039	1,179	2,045	3,223	3,772	1,391	1,511	1,287	1,256	1,206	-352	-333	758	1,967	2,566
Armenia	(X)	(X)	(X)	25	78	(X)	(X)	(X)	1	1	(X)	(X)	(X)	23	77
Aruba	127	202	235	288	266	1	1	100	212	457	126	201	135	76	-191
Australia	8,331	8,536	8,404	8,876	8,272	3,873	4,447	3,988	3,688	3,294	4,458	4,091	4,416	5,188	4,978
Austria	873	875	1,056	1,256	1,326	1,136	1,318	1,264	1,306	1,411	-263	-444	-208	-50	-85
Azerbaijan	(X)	(X)	(X)	(Z)	37	(X)	(X)	(X)	(Z)	(Z)	(X)	(X)	(X)	(Z)	37
Bahamas, The	772	800	721	712	704	462	509	470	605	348	310	291	252	107	356
Bahrain	489	721	500	489	653	80	81	87	61	97	409	640	413	428	556
Bangladesh	282	181	179	188	245	428	539	524	831	886	-147	-357	-345	-643	-641
Barbados	180	161	166	128	146	46	31	31	31	34	134	130	135	97	112
Byelarus	(X)	(X)	(X)	25	92	(X)	(X)	(X)	25	34	(X)	(X)	(X)	(Z)	58
Belgium	8,381	10,318	10,572	9,775	8,676	4,351	4,375	3,929	4,476	5,177	4,029	5,942	6,643	5,299	3,699
Belize	101	105	114	117	136	43	47	45	59	54	58	58	69	58	82
Benin	18	24	26	27	22	11	17	23	10	16	6	6	4	17	6
Bermuda	354	255	233	242	265	11	12	8	7	15	343	242	225	236	250
Bolivia	145	138	192	222	216	118	203	209	162	191	27	-65	-17	60	25
Bosnia-Hercegovina [3]	(X)	(X)	(X)	5	15	(X)	88	(X)	10	7	(X)	(X)	(X)	-4	8
Botswana	30	19	31	47	25	17	14	13	12	9	13	6	18	34	16
Brazil	4,804	5,048	6,148	5,751	6,045	8,410	7,898	6,717	7,609	7,466	-3,606	-2,850	-569	-1,858	-1,421
British Virgin Islands	49	60	45	44	46	1	2	2	3	14	48	58	43	41	32
Brunei	63	143	162	453	478	75	96	27	30	30	-12	47	136	424	448
Bulgaria	181	84	142	85	115	59	47	56	79	159	122	37	86	7	-44
Burkina	10	15	24	13	18	-	1	1	(Z)	(Z)	10	14	23	13	18
Cameroon	35	47	45	57	48	426	147	127	84	101	-391	-100	-82	-27	-53
Canada	78,809	83,674	85,150	90,594	100,177	87,953	91,380	91,064	98,630	110,922	-9,144	-7,707	-5,914	-8,036	-10,745
Cayman Islands	204	183	117	282	179	48	21	18	10	35	155	162	99	272	144
Chad	35	8	14	5	8	(X)	(Z)	(Z)	(Z)	(Z)	35	8	14	5	8
Chile	1,414	1,664	1,839	2,466	2,605	1,292	1,313	1,302	1,388	1,462	122	351	537	1,078	1,143
China: Mainland	5,755	4,806	6,278	7,418	8,767	11,990	15,237	18,969	25,728	31,535	-6,235	-10,431	-12,691	-18,309	-22,768
China: Taiwan	11,335	11,491	13,182	15,250	16,250	24,313	22,666	23,023	24,596	25,105	-12,978	-11,175	-9,841	-9,346	-8,855
Colombia	1,924	2,029	1,952	3,286	3,229	2,555	3,168	2,736	2,837	3,033	-631	-1,139	-784	449	196
Congo (Brazzaville)	12	90	43	59	27	504	414	410	510	500	-492	-324	-367	-451	-473
Costa Rica	882	986	1,034	1,357	1,547	962	1,005	1,154	1,411	1,542	-81	-19	-120	-54	5
Croatia [3]	(X)	(X)	(X)	91	103	(X)	(X)	(X)	43	106	(X)	(X)	(X)	48	-3
Cyprus	109	129	119	166	138	15	19	12	11	16	94	111	107	155	122
Czechoslovakia	53	91	123	413	(X)	85	87	145	242	(X)	-32	4	-22	171	(X)
Czech Republic	(X)	(X)	(X)	(X)	266	(X)	(X)	(X)	(X)	278	(X)	(X)	(X)	(X)	-12
Denmark	1,051	1,311	1,574	1,473	1,092	1,535	1,678	1,661	1,667	1,664	-484	-367	-87	-194	-572

See footnotes at end of table.

No. 1329. U.S. Exports, Imports, and Merchandise Trade Balance, by Country: 1989 to 1993—Continued

[See headnote, page 823]

COUNTRY	EXPORTS, DOMESTIC AND FOREIGN					GENERAL IMPORTS [1]					MERCHANDISE TRADE BALANCE				
	1989	1990	1991	1992	1993	1989	1990	1991	1992	1993	1989	1990	1991	1992	1993
Djibouti	3	7	10	11	13	(Z)	(Z)	(Z)	(X)	(Z)	3	7	10	11	13
Dominica	33	31	42	34	27	8	9	5	5	6	26	22	37	29	21
Dominican Republic	1,645	1,656	1,743	2,100	2,350	1,646	1,752	2,008	2,372	2,672	−1	−96	−265	−273	−323
East Germany [4]	94	62	(X)	(X)	(X)	139	85	(X)	(X)	(X)	−45	−23	(X)	(X)	(X)
Ecuador	643	678	948	999	1,098	1,474	1,376	1,327	1,343	1,399	−832	−697	−379	−344	−301
Egypt	2,612	2,249	2,720	3,088	2,763	227	398	206	435	613	2,385	1,851	2,514	2,654	2,150
El Salvador	520	554	534	742	869	245	238	303	384	488	275	316	231	358	381
Equatorial Guinea	(Z)	(Z)	13	11	3	(Z)	(Z)	(Z)	(Z)	4	(Z)	(Z)	13	11	−1
Estonia	(X)	(X)	(X)	59	54	(X)	(X)	(X)	13	20	(X)	(X)	(X)	46	34
Ethiopia	67	157	210	250	137	70	40	15	9	22	−3	117	196	241	115
Federated States of Micronesia	27	25	46	32	25	1	6	6	13	14	26	19	41	19	11
Fiji	22	25	18	59	27	16	34	43	67	69	6	−9	−25	−8	−42
Finland	969	1,126	952	785	847	1,370	1,262	1,085	1,185	1,609	−402	−136	−133	−400	−762
France	11,579	13,665	15,346	14,593	13,267	13,014	13,153	13,333	14,797	15,244	−1,435	511	2,013	−205	−1,977
French Guiana	270	271	150	82	323	5	3	1	3	3	265	269	150	78	320
French Polynesia	70	70	80	82	102	9	11	13	11	9	62	60	68	71	93
Gabon	46	49	85	55	48	437	701	712	921	941	−390	−652	−627	−866	−893
Gambia	10	9	11	10	10	2	2	2	(Z)	9	9	7	9	10	1
Georgia	(X)	(X)	(X)	16	47	(X)	(X)	(X)	7	21	(X)	(X)	(X)	9	26
Germany [4]	16,956	18,760	21,302	21,249	18,957	24,971	28,162	26,137	28,820	28,605	−8,015	−9,402	−4,835	−7,572	−9,648
Ghana	121	140	142	124	215	127	169	152	96	209	−7	−29	−10	27	6
Gibraltar	2	32	10	11	9	1	1	1	2	4	1	31	9	9	5
Greece	697	763	1,039	901	884	473	509	429	370	348	224	255	610	531	536
Greenland	4	6	4	3	3	2	1	4	12	13	3	5	-	−8	−10
Grenada	28	35	31	24	24	8	8	8	8	8	20	27	23	16	16
Guadeloupe	34	53	83	60	49	2	1	2	1	5	33	52	81	59	44
Guatemala	662	764	945	1,205	1,310	609	794	899	1,081	1,195	53	−31	46	124	115
Guinea	40	43	88	61	59	132	141	138	103	118	−92	−98	−50	−42	−59
Guyana	78	76	86	118	123	56	53	83	102	91	22	23	3	17	32
Haiti	472	477	395	209	221	374	343	284	107	154	97	134	111	102	67
Honduras	515	564	625	811	898	461	491	557	783	915	54	73	68	28	−17
Hong Kong	6,291	6,817	8,137	9,077	9,873	9,722	9,622	9,279	9,793	9,558	−3,431	−2,805	−1,142	−716	315
Hungary	122	156	256	295	434	328	348	367	347	401	−207	−191	−111	−52	33
Iceland	179	232	156	119	147	208	163	209	165	233	−29	69	−53	−46	−86
India	2,458	2,486	1,999	1,917	2,761	3,315	3,197	3,193	3,780	4,551	−857	−711	−1,194	−1,863	−1,790
Indonesia	1,247	1,897	1,892	2,780	2,770	3,529	3,341	3,241	4,530	5,439	−2,282	−1,444	−1,349	−1,750	−2,669
Iran	55	163	528	748	616	9	7	231	1	(Z)	47	156	297	747	616
Iraq	1,169	732	(Z)	1	4	2,415	3,008	6	(X)	(-)	−1,246	−2,276	−6	1	4
Ireland	2,483	2,540	2,681	2,862	2,731	1,566	1,755	1,948	2,262	2,520	917	784	733	600	211
Israel	2,827	3,203	3,911	4,077	4,420	1,576	3,313	3,484	3,816	4,426	1,251	−110	427	261	−6
Italy	7,215	7,992	8,570	8,721	6,456	11,933	12,751	11,764	12,314	13,223	−4,718	−4,760	−3,194	−3,593	−6,767
Ivory Coast	79	79	81	87	88	234	200	223	188	178	−155	−121	−142	−100	−90
Jamaica	1,006	943	961	939	1,113	509	569	576	599	720	497	374	385	340	393
Japan	44,494	48,580	48,125	47,813	47,950	93,553	89,684	91,511	97,414	107,268	−49,059	−41,105	−43,386	−49,601	−59,319
Jordan	380	309	219	258	363	8	11	6	18	19	372	298	213	240	344
Kazakhstan	(X)	(X)	(X)	15	68	(X)	(X)	(X)	21	39	(X)	(X)	(X)	−6	29
Kenya	133	116	91	124	117	68	58	69	73	92	65	58	22	51	25
Kiribati	16	19	27	35	31	1	(Z)	1	(Z)	2	14	19	26	35	29

COUNTRY	EXPORTS, DOMESTIC AND FOREIGN					GENERAL IMPORTS [1]					MERCHANDISE TRADE BALANCE				
	1989	1990	1991	1992	1993	1989	1990	1991	1992	1993	1989	1990	1991	1992	1993
Kuwait	853	403	1,228	1,337	1,009	973	569	36	281	1,819	-120	-166	1,192	1,055	-810
Kyrgyzstan	(X)	(X)	(X)	2	18	(X)	(X)	(X)	1	2	(X)	(X)	(X)	(X)	16
Latvia	(X)	(X)	(X)	55	90	(X)	(X)	(X)	11	23	(X)	(X)	(X)	44	67
Lebanon	94	98	165	311	377	30	24	27	28	27	63	74	138	283	350
Lesotho	4	3	4	3	4	19	25	27	53	56	-15	-22	-24	-50	-52
Liberia	98	44	50	31	20	106	49	9	12	3	-8	-5	41	18	17
Liechtenstein	10	12	10	12	11	9	15	21	36	100	1	-3	-11	-24	-89
Lithuania	(X)	(X)	(X)	44	57	(X)	(X)	(X)	5	16	(X)	(X)	(X)	39	41
Luxembourg	142	134	217	272	561	218	210	188	227	253	-76	-76	29	45	308
Macao	11	8	10	19	28	654	736	581	721	669	-643	-728	-571	-702	-641
Macedonia [3]	(X)	(X)	(X)	4	11	(X)	(X)	(X)	46	111	(X)	(X)	(X)	-42	-100
Madagascar	7	11	14	6	11	38	42	47	54	43	-30	-30	-33	-47	-32
Malawi	14	14	55	14	16	39	49	73	60	60	-24	-36	-18	-46	-44
Malaysia	2,870	3,425	3,900	4,363	6,065	4,744	5,272	6,102	8,294	10,568	-1,874	-1,847	-2,202	-3,931	-4,504
Mali	11	9	18	11	33	7	3	2	2	1	3	6	16	10	32
Malta	48	45	57	58	172	60	40	65	91	104	-12	5	-8	-33	68
Marshall Islands	33	27	36	34	36	3	3	4	8	12	30	25	35	26	24
Martinique	25	34	36	33	32	10	1	1	1	1	15	33	35	31	31
Mauritania	13	15	22	59	19	10	24	11	9	7	2	-9	11	51	12
Mauritius	12	13	15	22	18	159	159	132	136	197	-147	-146	-117	-113	-179
Mexico	24,982	28,279	33,277	40,592	41,636	27,162	30,157	31,130	35,211	39,930	-2,180	-1,878	2,147	5,381	1,706
Moldova	(X)	(X)	(X)	9	31	(X)	(X)	(X)	(Z)	(Z)	(X)	(X)	(X)	9	31
Monaco	4	10	7	6	6	14	13	14	13	16	-9	-3	-7	-6	-10
Morocco	394	495	403	496	602	98	109	154	178	185	296	386	249	318	417
Mozambique	41	50	101	150	40	20	29	23	19	9	21	21	78	130	31
Namibia	13	44	33	34	20	15	33	35	23	22	-2	11	-2	11	-2
Netherlands	11,364	13,022	13,511	13,752	12,839	4,810	4,952	4,811	5,300	5,451	6,554	8,071	8,700	8,452	7,388
Netherlands Antilles	412	543	627	478	523	383	429	647	644	397	29	114	-20	-166	126
New Caledonia	65	34	44	36	23	54	27	20	15	23	11	7	24	21	-1
New Zealand	1,117	1,135	1,006	1,307	1,247	1,209	1,197	1,209	1,219	1,208	-91	-62	-203	88	39
Nicaragua	2	68	150	185	150	(Z)	15	60	69	126	2	52	91	117	24
Niger	9	12	10	13	16	2	46	5	3	6	7	-34	5	10	10
Nigeria	490	553	831	1,001	891	5,284	5,982	5,168	5,103	5,301	-4,794	-5,429	-4,337	-4,102	-4,410
Norway	1,037	1,281	1,489	1,279	1,212	1,991	1,830	1,624	1,969	1,938	-955	-549	-135	-690	-726
Oman	170	163	202	257	252	117	292	115	186	277	53	-129	87	71	-25
Pakistan	1,134	1,143	950	881	810	523	610	663	865	898	612	533	288	16	-88
Panama	724	869	978	1,103	1,191	268	234	269	254	281	455	635	709	850	910
Papua New Guinea	121	54	96	72	50	29	22	34	64	98	92	32	62	8	-48
Paraguay	168	307	374	415	521	45	51	43	35	50	123	256	331	380	471
Peru	695	772	840	1,005	1,069	814	802	776	739	754	-119	-30	64	267	315
Philippines	2,202	2,471	2,265	2,759	3,529	3,068	3,384	3,471	4,355	4,896	-866	-913	-1,206	-1,597	-1,367
Poland	414	406	459	641	917	387	408	357	375	454	26	-2	102	266	463
Portugal	925	922	792	1,024	735	800	832	695	664	790	125	91	97	360	-55
Qatar	100	115	147	189	166	50	53	30	70	65	50	62	117	119	101
Romania	155	369	209	248	324	354	231	69	87	69	-199	138	140	161	255

See footnotes at end of table.

No. 1329. U.S. Exports, Imports, and Merchandise Trade Balance, by Country: 1989 to 1993—Continued

[See headnote, page 823]

COUNTRY	EXPORTS, DOMESTIC AND FOREIGN					GENERAL IMPORTS [1]					MERCHANDISE TRADE BALANCE				
	1989	1990	1991	1992	1993	1989	1990	1991	1992	1993	1989	1990	1991	1992	1993
Russia	(X)	(X)	(X)	2,112	2,967	(X)	(X)	(X)	481	1,744	(X)	(X)	(X)	1,631	1,223
Saudi Arabia	3,574	4,049	6,557	7,167	6,666	7,157	10,021	10,900	10,371	7,710	-3,583	-5,971	-4,343	-3,204	-1,044
Senegal	69	52	78	80	69	41	6	10	10	8	27	46	66	70	61
Sierra Leone	25	27	25	28	21	53	46	48	61	47	-28	-19	-23	-33	-26
Singapore	7,345	8,023	8,804	9,626	11,676	9,003	9,800	9,957	11,313	12,796	-1,658	-1,778	-1,153	-1,687	-1,120
Slovakia	(X)	(X)	(X)	(X)	34	(X)	(X)	(X)	(X)	65	(X)	(X)	(X)	(X)	-31
Somalia	21	12	7	21	31	(Z)	(Z)	3	2	(Z)	21	12	4	18	31
South Africa	1,659	1,732	2,113	2,434	2,197	1,531	1,698	1,728	1,727	1,847	128	34	385	707	350
South Korea	13,459	14,404	15,505	14,639	14,776	19,737	18,485	17,019	16,682	17,123	-6,278	-4,081	-1,514	-2,043	-2,347
Spain	4,796	5,213	5,474	5,537	4,181	3,317	3,311	2,848	3,002	2,813	1,479	1,901	2,626	2,535	1,368
Sri Lanka	143	137	121	178	203	449	538	604	789	1,002	-306	-401	-483	-612	-799
Sudan	81	42	92	53	53	20	16	16	11	12	61	26	76	42	41
Suriname	140	156	134	142	118	74	50	52	46	58	66	106	82	96	60
Sweden	3,139	3,405	3,287	2,844	2,354	4,892	4,937	4,525	4,716	4,532	-1,753	-1,533	-1,238	-1,872	-2,179
Switzerland	4,911	4,943	5,557	4,540	6,804	4,714	5,587	5,576	5,645	5,979	197	-645	-19	-1,105	825
Syria	91	150	209	165	186	98	52	25	42	130	-7	98	184	123	56
Tajikistan	(X)	(X)	(X)	9	12	(X)	(X)	(X)	2	18	(X)	(X)	(X)	7	-6
Tanzania	29	48	35	34	33	53	16	15	11	11	-24	33	20	23	22
Thailand	2,288	2,995	3,753	3,989	3,769	4,380	5,289	6,122	7,529	8,542	-2,091	-2,293	-2,369	-3,540	-4,774
Togo	28	31	24	20	13	3	4	2	6	3	25	27	22	13	10
Trinidad and Tobago	563	428	468	447	529	768	1,020	866	848	803	-205	-592	-398	-401	-274
Tunisia	160	177	172	233	232	55	40	25	48	41	105	137	147	184	191
Turkey	2,003	2,243	2,468	2,735	3,434	1,372	1,183	1,006	1,110	1,196	632	1,061	1,462	1,625	2,238
Turkmenistan	(X)	(X)	(X)	35	46	(X)	(X)	(X)	1	2	(X)	(X)	(X)	34	44
Turks and Caicos Islands	46	39	40	38	22	3	4	4	6	4	43	36	36	32	18
Uganda	23	26	13	15	21	41	15	18	12	10	-17	11	-5	3	11
Ukraine	(X)	(X)	(X)	307	311	(X)	(X)	(X)	89	172	(X)	(X)	(X)	218	139
United Arab Emirates	1,240	1,004	1,455	1,553	1,811	684	889	713	812	727	556	114	742	741	1,084
United Kingdom	20,837	23,490	22,046	22,800	26,376	18,319	20,188	18,413	20,093	21,736	2,518	3,302	3,633	2,707	4,640
Uruguay	134	144	216	231	253	219	206	237	266	266	-85	-62	-21	-35	-13
U.S.S.R. (former)	4,284	3,087	3,579	1,036	(X)	709	1,059	802	187	(X)	3,574	2,028	2,777	849	(X)
Uzbekistan	(X)	(X)	(X)	51	73	(X)	(X)	(X)	(Z)	7	(X)	(X)	(X)	51	66
Venezuela	3,025	3,108	4,656	5,444	4,599	6,771	9,480	8,179	8,181	8,140	-3,746	-6,371	-3,523	-2,737	-3,541
Vietnam	11	7	4	5	7	(X)	(X)	(X)	(Z)	-	11	7	4	5	7
Western Samoa	4	5	7	73	10	3	1	1	1	1	(Z)	4	6	72	9
Yemen, Republic of	80	110	192	321	318	260	391	152	41	98	-179	-281	40	281	220
Yugoslavia (former) [3]	499	565	371	167	(X)	799	776	674	225	(X)	-300	-211	-303	-58	(X)
Yugoslavia, Fed. Rep. of	(X)	(X)	(X)	6	1	(X)	-	(X)	39	(Z)	(X)	(X)	(X)	-33	1
Zaire	122	138	62	33	35	330	325	294	250	238	-208	-187	-232	-218	-203
Zambia	50	80	24	68	42	24	29	42	70	41	26	52	-18	-2	1
Zimbabwe	121	135	53	144	84	127	119	90	106	111	-6	16	-37	38	-27

- Represents zero. Z Less than $500,000. X Not applicable. [1] Imports are on a customs value basis. Exports are f.a.s. value. [2] Includes revisions not carried to area values; therefore, area values will not add to total. [3] Beginning June 1992 trade data were reported for the following countries which were formerly part of Yugoslavia — Croatia, Slovenia, Bosnia-Hercegovina, and Macedonia. The Federal Republic of Yugoslavia, which now includes only Serbia and Montenegro, will continue to be shown as "Yugoslavia." Yugoslavia (former)" reflects data for the former country and includes data for the period of January through May 1992. [4] Effective October 3, 1990, East Germany ceased to exist as a sovereign state and became a part of West Germany. Accordingly, trade statistics for East Germany reflect trade for January through September 1990. Trade statistics for 1990 for former West Germany reflect this unification beginning with October 1990. Data for Germany reflect the consolidation of the two countries for 1991.

Source: U.S. Bureau of the Census, *U.S. Merchandise Trade*, series FT 900, monthly.

No. 1330. U.S. Exports and General Imports, by Selected Commodity Groups: 1990 to 1993

[In millions of dollars. N.e.s.=Not elsewhere specified]

COMMODITY GROUP	EXPORTS [1]				GENERAL IMPORTS [2]			
	1990	1991	1992	1993	1990	1991	1992	1993
Total	**393,592**	**421,730**	**448,164**	**464,767**	**495,311**	**487,129**	**532,665**	**580,511**
Agricultural commodities	**38,723**	**38,510**	**42,238**	**41,821**	**22,343**	**22,140**	**23,375**	**23,646**
Animal feeds	2,868	3,192	3,550	3,478	284	312	337	367
Bulbs	109	113	112	107	162	178	201	217
Cereal flour	686	813	924	1,072	569	641	724	802
Cocoa	38	23	31	39	783	823	774	739
Coffee	12	10	18	32	1,766	1,738	1,563	1,382
Corn	6,195	5,146	4,966	4,463	23	39	68	61
Cotton, raw and linters	2,799	2,514	2,015	1,541	20	16	11	12
Dairy products; eggs	372	455	711	775	501	452	506	544
Furskins, raw	144	107	95	97	78	57	61	59
Grains, unmilled	811	701	894	681	110	112	122	157
Hides and skins	1,612	1,276	1,253	1,189	94	110	124	120
Live animals	514	688	609	519	1,185	1,172	1,437	1,539
Meat and preparations	3,189	3,630	4,208	4,359	2,958	2,908	2,712	2,789
Oils/fats, animal	425	447	497	475	21	29	18	21
Oils/fats, vegetable	665	596	725	738	716	735	955	862
Plants	103	99	135	112	99	105	102	91
Rice	798	754	726	770	72	80	92	106
Seeds	246	274	302	298	119	132	153	154
Soybeans	3,597	3,995	4,463	4,627	15	27	16	22
Sugar	8	12	6	2	848	713	662	606
Tobacco, unmanufactured	1,445	1,430	1,649	1,306	680	989	951	944
Vegetables and fruit	5,015	5,342	5,736	6,010	5,795	5,391	5,698	5,666
Wheat	3,887	3,350	4,503	4,668	80	66	191	213
Other agricultural	3,184	3,546	4,112	4,466	5,365	5,313	5,898	6,173
Manufactured goods	**298,236**	**325,978**	**347,494**	**364,346**	**388,820**	**392,433**	**434,349**	**480,016**
ADP equipment, office machinery	24,735	25,979	27,000	27,167	26,862	30,019	36,377	43,182
Airplanes	19,641	24,335	26,286	21,297	2,733	3,347	3,860	3,735
Airplane parts	9,815	10,284	9,366	9,494	3,556	4,046	3,358	2,607
Aluminum	2,857	3,128	2,667	2,312	2,843	2,409	2,540	3,273
Artwork/antiques	2,282	1,239	1,076	952	2,340	1,979	2,087	2,673
Basketware, etc	1,097	1,290	1,522	1,645	1,837	1,911	2,189	2,391
Chemicals, cosmetics	1,964	2,361	2,632	3,043	1,323	1,415	1,711	1,809
Chemicals, dyeing	1,591	1,649	1,871	2,011	1,287	1,416	1,623	1,700
Chemicals, fertilizers	2,578	2,977	2,371	1,799	921	918	952	1,135
Chemicals, inorganic	3,823	4,083	4,123	3,813	3,204	3,297	3,305	3,285
Chemicals, medicinal	4,103	4,609	5,357	5,747	2,491	3,047	3,810	4,133
Chemicals, organic	10,427	10,898	10,993	11,090	7,427	8,133	9,406	9,316
Chemicals, plastics	9,074	10,316	10,258	10,742	3,744	3,784	4,292	4,847
Chemicals, n.e.s.	5,490	6,019	6,265	6,821	2,022	2,122	2,622	2,941
Clothing	2,472	3,215	4,092	4,808	25,622	26,202	31,227	33,787
Copper	1,213	1,328	1,172	1,201	1,774	1,573	1,642	1,736
Electrical machinery	28,406	30,050	32,172	36,639	33,564	35,067	39,710	46,752
Footwear	477	543	603	604	9,564	9,554	10,163	11,176
Furniture and parts	1,605	2,120	2,553	2,771	5,006	4,936	5,503	6,249
Gem diamonds	320	209	369	153	3,974	4,002	4,148	5,099
General industrial machinery	15,828	17,153	18,480	19,519	14,461	14,396	15,520	17,084
Glass	1,087	1,145	1,213	1,321	760	770	850	1,004
Glassware	401	449	496	501	939	937	1,015	1,032
Gold, nonmonetary	2,970	3,279	4,109	9,034	1,081	1,922	1,899	2,015
Iron and steel mill products	3,270	4,211	3,606	3,329	8,805	8,301	8,328	9,040
Lighting, plumbing	680	877	977	1,096	1,233	1,246	1,547	1,764
Metal manufactures, n.e.s.	4,783	5,189	5,513	5,959	6,441	6,372	6,727	7,641
Metalworking machinery	2,759	2,709	3,034	3,262	3,677	3,605	3,187	3,675
Motorcycles, bicycles	935	1,308	1,439	1,438	1,438	1,636	1,913	2,159
Nickel	228	219	196	199	1,102	1,061	797	686
Optical goods	639	713	766	796	1,470	1,484	1,645	1,683
Paper and paperboard	5,004	5,965	6,348	6,472	8,491	8,021	7,998	8,639
Photographic equipment	2,773	2,926	2,950	2,934	3,341	3,641	3,844	4,257
Plastic articles, n.e.s.	1,945	2,240	2,777	2,988	3,138	3,114	3,572	3,935
Platinum	224	311	292	341	1,856	1,659	1,429	1,257
Pottery	71	87	103	110	1,222	1,242	1,404	1,434
Power generating machinery	15,796	16,960	17,995	19,132	14,552	14,195	15,888	17,163
Printed materials	3,164	3,589	3,803	3,982	1,669	1,702	1,875	2,027
Records/magnetic media	3,877	4,267	4,846	5,309	2,531	2,788	3,106	3,444
Rubber articles, n.e.s.	505	579	622	674	650	705	878	1,014
Rubber tires and tubes	1,148	1,274	1,409	1,465	2,591	2,309	2,512	2,736

See footnotes at end of table.

No. 1330. U.S. Exports and General Imports, by Selected SITC Commodity Groups: 1990 to 1993—Continued

[In millions of dollars]

COMMODITY GROUP	EXPORTS [1]				GENERAL IMPORTS [2]			
	1990	1991	1992	1993	1990	1991	1992	1993
Manufactured goods—Continued								
Scientific instruments	12,121	13,499	14,375	15,213	6,206	6,733	7,602	8,452
Ships, boats	1,277	1,155	1,421	978	329	249	319	969
Silver and bullion	163	237	209	202	451	363	449	391
Spacecraft	598	257	270	393	(Z)	-	92	-
Specialized industrial machinery	15,277	16,686	16,689	17,635	12,990	10,864	11,814	13,546
Telecommunications equipment	9,139	9,999	11,248	13,071	22,230	23,446	25,803	27,303
Textile yarn, fabric	4,947	5,482	5,778	5,879	6,424	6,981	7,844	8,438
Toys/games/sporting goods	1,819	2,087	2,437	2,710	9,080	8,821	10,749	11,640
Travel goods	133	159	194	199	2,223	2,346	2,509	2,654
Vehicles/new cars, Canada	6,232	6,195	5,931	6,350	13,348	13,518	13,890	17,655
Vehicles/new cars, Japan	531	496	694	982	19,220	20,422	20,801	21,593
Vehicles/new cars, Other	2,465	3,070	5,095	4,976	12,542	10,813	11,561	12,055
Vehicles/trucks	3,084	3,879	3,706	4,162	8,580	8,293	9,772	10,109
Vehicles/chassis/bodies	207	241	310	372	518	352	338	407
Vehicles/parts	14,463	14,371	16,753	18,958	15,230	14,067	15,838	17,652
Watches/clocks/parts	209	225	208	235	2,247	2,285	2,320	2,549
Wood manufactures	1,222	1,251	1,389	1,476	2,034	1,907	2,410	2,869
Zinc	47	40	38	40	1,017	652	855	735
Other manufactured goods	22,246	24,570	27,031	26,542	30,605	30,042	32,924	35,485
Mineral fuel	**12,233**	**12,081**	**11,254**	**9,736**	**64,661**	**54,056**	**55,256**	**55,582**
Coal	4,636	4,776	4,427	3,198	288	310	419	513
Crude oil	137	33	32	20	43,785	36,902	38,553	38,438
Petroleum preparations	4,072	4,399	4,011	3,922	16,094	12,312	11,277	10,796
Liquified propane/butane	161	253	257	229	808	859	707	952
Natural gas	203	308	353	244	2,328	2,482	3,030	3,391
Electricity	493	44	63	61	463	487	590	662
Other mineral fuels	2,531	2,268	2,111	2,062	895	704	680	831
Selected commodities:								
Fish and preparations	2,801	3,063	3,383	2,985	5,192	5,638	5,657	5,820
Cork, wood, lumber	5,236	5,114	5,314	5,768	3,123	3,057	3,970	5,632
Pulp and waste paper	4,043	3,600	3,859	2,986	2,867	2,163	2,129	1,887
Metal ores; scrap	4,949	4,039	3,470	3,257	3,990	3,561	3,340	3,026
Crude fertilizers	1,266	1,385	1,388	1,345	1,129	982	894	938
Cigarettes	4,757	4,238	4,193	3,926	53	130	271	496
Alcoholic bev. distilled	254	279	344	344	1,725	1,595	1,827	1,737
All other	2,576	2,822	2,801	2,769	1,408	1,375	1,597	1,687
Re-exports	18,517	20,621	22,427	25,563	(X)	(X)	(X)	(X)
Agricultural commodities	848	857	893	888	(X)	(X)	(X)	(X)
Manufactured goods	17,119	19,153	20,977	24,178	(X)	(X)	(X)	(X)
Mineral fuels	151	206	76	80	(X)	(X)	(X)	(X)
Other, re-exports	399	405	481	417	(X)	(X)	(X)	(X)
Timing adjustment	(X)	(X)	(X)	-78	(X)	(X)	(X)	75

- Represents zero. Z less than $500,000. X Not applicable. [1] F.A.S. basis. [2] Customs value basis.
Source: U.S. Bureau of the Census, *U.S. Merchandise Trade,* series FT 900, Final Reports, and December 1993 issue.

No. 1331. Imports for Consumption—Values and Duties: 1970 to 1993

[Imports are on customs value basis. Beginning 1970, includes silver ores and bullion, and beginning 1980, includes trade of Virgin Islands with foreign countries. For basis of dollar values and for area coverage, see text, section 29. See also *Historical Statistics, Colonial Times to 1970,* series U 207-212]

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 (percent)	Dutiable imports (percent)	
1970	39,756	13,870	25,886	35	2,584	6.5	10.0	12.60
1975	96,516	31,030	65,486	32	3,780	3.9	5.8	17.50
1980	[3]244,007	106,992	132,951	45	7,535	3.1	5.7	33.09
1981	259,012	76,338	182,674	29	8,893	3.4	4.9	38.67
1982	242,340	75,856	166,484	31	8,688	3.6	5.2	37.40
1983	256,679	83,397	173,283	32	9,430	3.7	5.4	40.21
1984	322,989	102,977	220,012	32	12,042	3.7	5.5	50.90
1985	343,553	106,035	237,518	31	13,067	3.8	5.5	54.73
1986	368,657	121,742	246,915	33	13,312	3.6	5.4	55.10
1987	402,066	132,152	269,914	33	13,923	3.5	5.2	57.08
1988	437,140	151,693	285,447	35	15,054	3.4	5.3	61.12
1989	468,012	156,365	311,647	33	16,096	3.4	5.2	64.70
1990	490,554	161,108	329,446	33	16,339	3.3	5.0	65.38
1991	483,028	167,641	315,386	35	16,197	3.4	5.1	64.10
1992	525,091	194,583	330,508	37	17,164	3.3	5.2	67.12
1993	574,863	236,007	338,856	41	18,334	3.2	5.4	70.99

[1] 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. [3] Total includes revisions not carried to free and dutiable values.
Source: U.S. Bureau of the Census, 1970-1988, *Highlights of U.S. Export and Import Trade,* series FT 990, monthly; beginning 1989, *U.S. Merchandise Trade: Selected Highlights,* series FT 920, and unpublished data.

No. 1332. Domestic Exports and Imports for Consumption of Merchandise, by Selected SIC-Based Product Category: 1985 to 1993

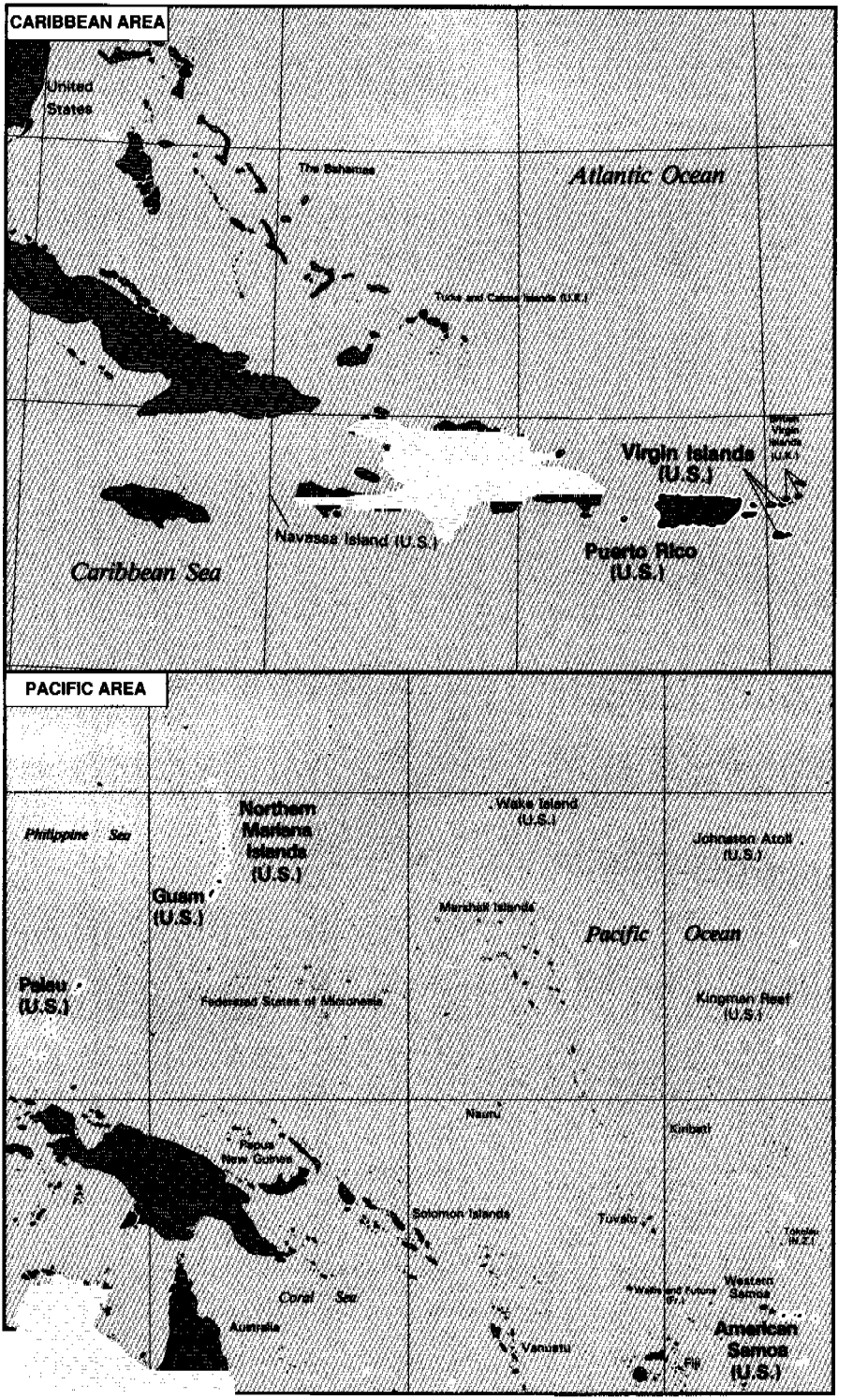
[In millions of dollars. Includes nonmonetary gold]

SIC [1] code	SIC-BASED PRODUCT CATEGORY	1985	1988	1989	1990	1991	1992	1993
(X)	**Domestic exports, total [2]**	**212,961**	**310,346**	**349,433**	**374,537**	**400,842**	**425,377**	**439,262**
(X)	Agricultural, forestry and fishery products	20,074	24,464	27,198	26,225	25,052	26,785	25,324
01	Agricultural products	19,199	21,508	24,142	22,597	21,075	22,633	21,615
02	Livestock and livestock products	735	1,014	821	829	970	871	836
08	Forestry products	122	266	270	281	306	324	276
09	Fish, fresh or chilled; and other marine products [3]	18	1,676	1,965	2,518	2,701	2,959	2,596
(X)	Mineral commodities	6,394	6,559	7,030	7,335	7,442	7,210	5,584
10	Metallic ores and concentrates	686	883	1,247	1,137	1,014	1,084	799
11,12	Bituminous, lignite and anthracite coal	4,465	4,014	4,287	4,513	4,623	4,241	3,090
13	Crude petroleum and natural gas	476	485	490	638	675	737	588
14	Nonmetallic minerals, fuels	767	1,177	1,006	1,047	1,130	1,148	1,107
(X)	Manufactured commodities	175,752	261,755	290,536	330,403	359,635	383,082	400,721
20	Food and kindred products	10,055	14,788	15,205	16,160	17,492	19,761	20,509
21	Tobacco manufactures	1,268	2,901	3,632	5,040	4,574	4,509	4,253
22	Textile mill products	1,462	2,415	2,794	3,635	4,108	4,473	4,687
23	Apparel and related products	1,019	1,824	2,349	2,848	3,679	4,599	5,433
24	Lumber and related products	2,668	5,326	6,050	6,523	6,477	6,802	7,361
25	Furniture and fixtures	483	841	1,011	1,589	2,086	2,518	2,818
26	Paper and allied products	3,886	7,197	8,126	8,631	9,214	9,969	9,457
27	Printing and publishing	1,250	1,996	2,598	3,150	3,590	3,808	4,057
28	Chemicals and allied products	21,797	31,722	35,825	37,806	41,483	41,953	42,742
29	Petroleum and coal products	5,433	3,926	5,019	6,794	7,026	6,403	6,163
30	Rubber and misc. plastics products	2,765	4,412	5,010	6,398	7,049	7,872	8,554
31	Leather and leather products	478	953	1,131	1,388	1,413	1,541	1,536
32	Stone, clay, and glass products	1,792	2,272	2,638	3,295	3,533	3,855	3,844
33	Primary metal products	4,747	12,362	12,110	13,116	15,243	15,105	18,669
34	Fabricated metal products	5,765	8,318	9,117	11,138	11,962	13,265	13,497
35	Machinery, except electrical	37,478	51,803	55,524	61,229	65,300	68,554	72,279
36	Electric and electronic machinery	18,908	27,033	32,718	39,807	42,330	45,992	52,947
37	Transportation equipment	38,024	49,768	56,875	68,113	76,172	82,862	80,196
38	Instruments and related products	8,623	17,160	17,327	19,524	21,699	22,815	24,699
39	Misc. manufactured commodities	1,773	4,443	4,553	4,296	4,621	5,446	5,288
(X)	**Imports for consumption, total [2]**	**343,553**	**437,140**	**468,012**	**490,554**	**483,028**	**525,091**	**574,863**
(X)	Agricultural, forestry and fishery products	12,805	12,759	13,251	12,750	13,148	14,216	15,866
01	Agricultural products	7,483	5,786	6,109	5,925	6,107	6,716	7,839
02	Livestock and livestock products	933	1,235	1,290	1,453	1,501	1,873	2,161
08	Forestry products	830	1,326	1,235	1,015	978	1,088	1,068
09	Fish, fresh or chilled; and other marine products [3]	3,559	4,412	4,617	4,357	4,562	4,540	4,798
(X)	Mineral commodities	39,011	31,540	41,264	51,391	44,581	44,823	45,965
10	Metallic ores and concentrates	1,265	1,126	1,425	1,500	1,244	1,167	1,108
11,12	Bituminous, lignite and anthracite coal	70	65	97	93	112	127	218
13	Crude petroleum and natural gas	35,872	29,573	38,842	48,917	42,415	42,796	43,871
14	Nonmetallic minerals, exc. fuels	1,804	776	900	881	810	734	767
(X)	Manufactured commodities	280,089	379,172	396,903	407,043	406,550	445,127	490,289
20	Food and kindred products	12,521	15,043	15,122	16,564	16,298	17,445	16,090
21	Tobacco manufactures	78	86	88	94	199	285	467
22	Textile mill products	3,616	5,506	7,294	6,807	7,132	7,808	6,161
23	Apparel and related products	15,710	20,890	22,841	24,644	25,497	30,533	35,475
24	Lumber and related products	5,105	5,720	5,848	5,446	5,229	6,700	8,901
25	Furniture and fixtures	3,220	4,796	5,148	5,235	5,130	5,601	6,242
26	Paper and allied products	7,493	11,001	11,880	11,669	10,431	10,382	10,891
27	Printing and publishing	1,200	1,776	1,807	1,849	1,878	2,046	2,211
28	Chemicals and allied products	12,790	18,602	20,118	21,611	22,999	25,849	27,259
29	Petroleum and coal products	18,282	11,027	11,979	14,472	11,097	10,410	9,906
30	Rubber and misc. plastics products	4,721	9,590	9,488	9,731	9,855	11,287	13,053
31	Leather and leather products	7,724	9,578	9,837	10,944	10,714	11,342	11,692
32	Stone, clay, and glass products	4,296	5,921	5,775	5,845	5,558	5,951	6,431
33	Primary metal products	20,439	25,075	25,563	23,232	22,262	22,891	22,772
34	Fabricated metal products	7,754	11,215	11,568	11,608	11,396	12,436	12,941
35	Machinery, except electrical	31,310	50,301	54,051	55,021	55,578	62,274	73,370
36	Electric and electronic machinery	37,951	52,539	55,316	55,736	58,610	65,596	76,869
37	Transportation equipment	65,944	86,717	87,972	89,599	88,004	92,930	102,259
38	Instruments and related products	8,805	15,430	15,364	16,846	18,668	20,338	22,080
39	Misc. manufactured commodities	11,130	18,359	19,844	20,090	20,015	23,025	25,219

X Not applicable. [1] Standard Industrial Classification. [2] Includes scrap and waste, used or secondhand merchandise, and manufactured commodities not identified by kind. [3] Includes frozen and packaged fish.

Source: U.S. Bureau of the Census, 1985 and 1988, *Highlights of U.S. Export and Import Trade*, series FT 990; beginning 1989, *U.S. Merchandise Trade*, series FT 900.

Figure 29.1
Selected Outlying Areas of the United States



Outlying Areas

This section presents summary economic and social statistics for Puerto Rico, Virgin Islands, Guam, American Samoa, and the Northern Mariana Islands.

Primary sources are the decennial censuses of population and housing, and the censuses of agriculture, business, manufactures, and construction (taken every 5 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 *Income and Product* 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, was purchased by the United States from Denmark in 1917. *American Samoa,* a group of seven islands, was acquired by the United States in accordance with a convention among the United States, Great Britain, and Germany, ratified in 1900 (Swains Island was annexed in 1925).

By an agreement approved by the Security Council and the United States, the Northern Mariana Islands, previously under Japanese mandate, was administered by the United States between 1947 and 1986 under the United Nations trusteeship system. The Northern Mariana Islands became a Commonwealth in 1986. Palau was also part of the trusteeship. Because Palau remained under U.S. jurisdiction in 1990, it was included as part of the 1990 decennial census.

For a brief summary of U.S. territorial development, see table 352.

Censuses.—Because characteristics of the outlying areas differ, the presentation of census data for them is not uniform.

In Brief

Persons per household, 1990:	
Puerto Rico	*3.3*
Virgin Islands	*3.1*
Guam	*4.0*
American Samoa	*7.0*
Northern Mariana Islands	*4.6*

The 1960 Census of Population covered all of the places listed above except the Northern Mariana Islands (their census was conducted in April 1958 by the Office of the High Commissioner), while the 1960 Census of Housing also excluded American Samoa. The 1970, 1980 and 1990 Censuses of Population and Housing covered all five areas. The 1959, 1969, and 1978 Censuses of Agriculture covered Puerto Rico, American Samoa, Guam, and the Virgin Islands; the 1964, 1974, and 1982 censuses covered the same areas except American Samoa; and the 1969, 1978, and 1987 censuses included the Northern Mariana Islands. Beginning in 1967, Congress authorized the economic censuses, to be taken at 5-year intervals, for years ending in "2" and "7." Prior economic censuses were conducted in Puerto Rico for 1949, 1954, 1958, and 1963 and in Guam and the Virgin Islands for 1958 and 1963. In 1967, the census of construction industries was added for the first time in Puerto Rico; in 1972, Virgin Islands and Guam were covered. For 1982 and 1987, the economic censuses covered the Northern Mariana Islands.

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 the United States" in the index. For definition and explanation of terms used, see section 1, Population; section 4, Education; section 23, Agriculture; section 25, Construction and Housing; section 26, Manufactures; and section 27, Domestic Trade and Services.

No. 1333. Estimated Resident Population With Projections: 1950 to 2020

[**In thousands.** Population data generally are de facto figures for the present territory. Population estimates were derived from information available as of early 1994. See text, section 30, for general comments regarding the data. For details of methodology, coverage, and reliability, see source]

AREA	1950	1960	1970	1980	1990	1994	2000, proj.	2010, proj.	2020, proj.
Puerto Rico	2,218	2,358	2,716	3,206	3,604	3,802	3,838	4,002	4,220
American Samoa	19	20	27	32	47	55	69	85	86
Guam	60	67	86	107	134	150	171	202	230
Virgin Islands	27	33	63	98	101	98	99	107	111
Northern Mariana Islands	6	9	12	17	44	50	57	71	86

Source: U.S. Bureau of the Census, *World Population Profile: 1994*, WP/94.

No. 1334. Population and Median Age, by Sex: 1960 to 1990

[As of **April 1**. For definition of median, see Guide to Tabular Presentation]

AREA AND SEX	POPULATION (1,000)				MEDIAN AGE (years)			
	1960	1970	1980	1990	1960	1970	1980	1990
Puerto Rico	2,349.5	2,712.0	3,196.5	3,522.0	18.5	21.6	24.6	28.4
Male	1,162.8	1,329.9	1,556.7	1,706.0	18.0	20.9	23.7	27.2
Female	1,186.8	1,382.2	1,639.8	1,816.0	18.9	22.2	25.5	29.6
American Samoa	20.1	27.2	32.3	46.8	15.2	16.1	18.8	20.9
Male	10.2	13.7	16.4	24.0	14.6	16.1	18.4	20.6
Female	9.9	13.6	15.9	22.8	15.8	16.1	19.2	21.2
Guam	67.0	85.0	106.0	133.2	20.8	20.4	22.3	25.0
Male	39.2	47.3	55.3	70.9	22.9	21.6	22.4	25.2
Female	27.8	37.7	50.7	62.2	16.5	18.2	22.1	24.9
Virgin Islands	32.1	62.5	96.6	101.8	20.7	23.0	22.5	28.2
Male	15.9	31.3	46.2	49.2	20.3	23.1	21.1	27.1
Female	16.2	31.3	50.4	52.6	21.2	23.0	23.6	29.2
Northern Mariana Islands	(NA)	9.6	16.8	43.3	(NA)	15.2	19.7	27.4
Male	(NA)	4.9	8.8	22.8	(NA)	15.4	20.9	29.9
Female	(NA)	4.7	8.0	20.5	(NA)	15.0	18.5	24.9

NA Not available.

Source: U.S. Bureau of the Census, *Census of Population: 1970*, vol. I, *Characteristics of the Population*, parts 53-58; *1980*, vol. 1, chapter B, *Characteristics of the Population*, parts 53-57a; and *1990*, CPH-1, parts 53A and 55; CPH-6, parts G (Guam), AS (American Samoa), and CNMI (Commonwealth of the Northern Mariana Islands); and Summary Tape File 1A, (Puerto Rico) and Summary Tape File 2 (Virgin Islands).

No. 1335. Population, by Place of Birth and Year of Immigration: 1990

[As of **April 1**]

ITEM	United States	Puerto Rico	Virgin Islands	Guam	American Samoa	Northern Mariana Islands
All persons	**248,709,873**	**3,522,037**	**101,809**	**133,152**	**46,773**	**43,345**
Born in this area	225,695,826	3,200,940	49,839	63,504	25,573	16,752
Percent of total	90.7	90.9	49.0	47.7	54.7	38.6
Born in the United States	225,695,826	229,304	14,246	28,010	3,519	1,271
Born elsewhere [1]	23,014,047	91,793	37,724	41,638	17,681	25,322
Born outside area	23,014,047	321,097	51,970	69,648	21,200	26,593
Year of entry:						
1985 to 1990	5,562,288	104,900	13,765	43,575	9,302	21,984
1980 to 1984	4,222,420	52,487	7,951	8,768	5,025	2,491
1970 to 1979	5,601,860	90,934	12,279	10,994	4,423	1,600
1960 to 1969	3,410,665	58,278	13,072	4,143	1,758	274
Before 1960	4,216,814	14,498	4,903	2,168	692	244

[1] Includes persons born in other outlying areas under United States jurisdiction and persons born abroad with at least one parent who is a United States citizen, as well as foreign born persons.

Source: U.S. Bureau of the Census, *1990 Census of Population and Housing*, Summary Tape File, parts 3C, (United States), 3A and unpublished data, (Puerto Rico), and 3, (Virgin Islands); CPH-L-98, *The Foreign Born Population in the United States, 1990; 1990 Census of Population and Housing*, CPH-6, parts G (Guam), AS (American Samoa), and CNMI (Commonwealth of the Northern Mariana Islands).

No. 1336. Land Area and Population Characteristics, by Area: 1990

[As of **April 1**. See also table 352 for gross area (land and water). For definition of median, see Guide to Tabular Presentation]

ITEM	United States	Puerto Rico	Virgin Islands	Guam	American Samoa	Northern Mariana Islands
Land area (sq. miles)	3,536,338	3,427	134	210	77	179
Total resident population	**248,709,873**	**3,522,037**	**101,809**	**133,152**	**46,773**	**43,345**
Per square mile	70.3	1,027.9	760.9	637.1	607.4	235.6
Percent increase, 1980-90	9.8	10.2	5.4	25.6	44.8	158.3
Urban	187,053,487	2,508,346	37,885	50,801	15,599	12,151
Rural	61,656,386	1,013,691	63,924	82,351	31,174	31,194
Male	121,239,418	1,705,642	49,210	70,945	24,023	22,802
Female	127,470,455	1,816,395	52,599	62,207	22,750	20,543
Males per 100 females	95.1	93.9	93.6	114.0	105.6	111.0
Median age (years)	32.9	28.4	28.2	25.0	20.9	27.4
Male (years)	31.7	27.2	27.1	25.2	20.6	29.9
Female (years)	34.1	29.6	29.2	24.9	21.2	24.9
Marital status, persons 15 years old and over	195,142,002	2,563,818	72,365	93,200	28,952	33,030
Never married	52,559,853	711,470	27,539	30,759	11,412	13,810
Married [1]	111,498,578	1,499,449	35,199	54,717	15,958	17,869
Widowed or divorced	31,083,571	352,899	9,627	7,724	1,582	1,351
Households and families:						
Households	91,947,410	1,054,924	32,020	31,373	6,607	6,873
Persons in households	242,012,129	3,487,667	100,488	124,596	46,267	31,856
Persons per household	2.63	3.31	3.14	3.97	7.00	4.63
Families	64,517,947	886,339	23,012	27,313	6,301	5,312
Husband-wife families	50,708,322	634,872	13,197	21,342	5,153	3,947
Children ever born per 1,000 females 15 to 44 years	1,223	1,512	1,662	1,523	1,757	1,226

[1] For Puerto Rico, includes consensually married couples and for all areas, includes separated couples.

Source: U.S. Bureau of the Census, *1990 Census of Population*, CP-1 parts 1, (United States), 53 (Puerto Rico), 55 (Virgin Islands); *1990 Census of Population and Housing*, CPH-1, parts 53A and 55; CPH-6, parts G (Guam), AS (American Samoa), and CNMI (Commonwealth of the Northern Mariana Islands); and Summary Tape File, parts 3C, (United States), 3A (Puerto Rico), and 3 (Virgin Islands).

No. 1337. Selected Social and Economic Characteristics, by Area: 1990

[As of **April 1**]

CHARACTERISTIC	United States	Puerto Rico	Virgin Islands	Guam	American Samoa	Northern Mariana Islands
EDUCATIONAL ATTAINMENT						
Persons 25 years and over	158,868,436	1,952,297	55,639	66,700	19,570	24,633
Less than 9th grade	16,502,211	691,835	12,908	9,238	3,664	4,285
9th to 12th grade, no diploma	22,841,507	290,173	11,278	8,602	5,239	4,016
High school graduate	47,642,763	410,559	14,021	22,220	6,253	8,659
Some college or associate degree	39,571,702	281,248	9,011	14,984	3,062	3,818
Bachelor's degree or higher	32,310,253	278,482	8,421	11,656	1,352	3,855
EMPLOYMENT STATUS						
Total persons, 16 years old and over	191,829,271	2,497,078	70,323	90,990	27,991	32,522
In labor force	125,182,378	1,180,162	47,553	66,138	14,198	26,589
Percent of total	65.3	47.3	67.6	72.7	50.7	81.8
Armed forces	1,708,928	5,486	110	11,952	11	8
Civilian labor force	123,473,450	1,174,676	47,443	54,186	14,187	26,581
Employed	115,681,202	934,736	44,267	52,144	13,461	25,965
Unemployed	7,792,248	239,940	3,176	2,042	726	616
Percent of civilian labor force	6.3	20.4	6.7	3.8	5.1	2.3
Not in labor force	66,646,893	1,316,916	22,770	24,852	13,793	5,933
FAMILY INCOME IN 1989						
Families, census year	65,049,428	889,998	23,012	27,313	6,301	5,312
Percent distribution by income class	100.0	100.0	100.0	100.0	100.0	100.0
Less than $5,000	4.0	25.1	8.8	4.0	11.0	8.2
$5,000 to $9,999	5.6	24.9	9.5	4.7	19.2	13.9
$10,000 to $14,999	7.2	16.5	12.8	8.3	17.0	13.1
$15,000 to $24,999	16.4	17.5	20.6	21.1	23.6	21.6
$25,000 or more	66.9	16.0	48.3	61.9	29.1	43.2
Median income (dollars)	35,225	9,988	24,036	31,178	15,979	21,275
RESIDENCE IN 1985						
Persons 5 years and over	230,445,777	3,219,765	92,579	118,055	39,821	39,206
Same house	122,796,970	2,190,479	56,098	54,665	30,759	11,479
Different house in this area	102,540,097	879,691	25,003	24,763	2,763	6,870
Outside area	5,108,710	149,595	11,478	38,627	6,299	20,857
LANGUAGE SPOKEN AT HOME						
Persons 5 years and over	230,445,777	3,219,765	92,579	118,055	39,821	39,206
Speak only English at home	198,600,798	(NA)	70,442	44,048	1,203	1,878

NA Not available.

Source: U.S. Bureau of the Census, *1990 Census of Population and Housing*, Summary Tape File, parts 3C, (United States), 3A, and unpublished data, (Puerto Rico), and 3 (Virgin Islands); CPH-L-98, *The Foreign Born Population in the United States: 1990*; *1990 Census of Population and Housing*, CPH-6, parts G (Guam), AS (American Samoa), and CNMI (Commonwealth of the Northern Mariana Islands).

No. 1338. Vital Statistics—Specified Areas: 1960 to 1990

[Births, deaths, and infant deaths by place of residence; marriages and divorces by place of occurrence. Rates for 1960, 1970, 1980, and 1990 based on population enumerated as of **April 1**; for other years, on population estimated as of **July 1**]

AREA AND YEAR	BIRTHS		DEATHS		INFANT DEATHS		MARRIAGES		DIVORCES [3]	
	Number	Rate [1]	Number	Rate [1]	Number	Rate [2]	Number	Rate [1]	Number	Rate [1]
Puerto Rico: 1960	76,314	32.5	15,791	6.7	3,307	43.3	[4]20,212	[4]8.6	5,218	2.2
1970	67,628	24.8	18,080	6.7	1,930	28.6	29,905	11.0	9,688	3.6
1980	72,986	22.8	20,413	6.4	1,351	18.5	33,167	10.4	15,276	4.8
1985	63,547	19.4	23,071	7.0	944	14.9	30,355	9.2	14,686	4.5
1990	66,417	18.9	25,957	7.4	888	(NA)	(NA)	(NA)	(NA)	(NA)
Guam: 1965	2,523	32.8	336	4.4	82	32.5	471	6.2	53	0.7
1970	2,842	28.8	355	5.8	62	21.6	874	9.9	84	1.0
1980	2,945	27.8	393	3.7	43	14.6	(NA)	(NA)	(NA)	(NA)
1985	3,049	24.6	415	3.4	35	11.5	(NA)	(NA)	(NA)	(NA)
1990	3,839	28.8	520	3.9	31	(NA)	(NA)	(NA)	(NA)	(NA)
Virgin Islands: 1960	1,180	36.8	332	10.3	42	35.6	359	11.1	135	4.2
1970	2,898	46.8	469	7.9	72	24.6	1,149	18.4	270	4.3
1980	2,504	25.9	504	5.2	61	24.4	1,112	11.5	478	4.9
1985	2,375	21.4	506	4.6	42	17.7	1,448	13.1	363	3.3
1990	2,267	22.3	480	4.7	33	(NA)	(NA)	(NA)	(NA)	(NA)

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.

No. 1339. Public Elementary and Secondary Schools, by Areas: 1992

[For school year ending in year shown, unless otherwise indicated]

ITEM	Puerto Rico	Guam	Virgin Islands	American Samoa	ITEM	Puerto Rico	Guam	Virgin Islands	American Samoa
PUBLIC EL/SEC					Teachers	37,291	1,699	1,581	671
Enrollment, fall	642,392	28,244	22,346	13,365	Other support services staff	22,033	1,045	816	405
Elementary (kindergarten-grade 8)	474,976	20,710	16,675	10,050	Current expenditures [1] ($1,000)	1,142,863	122,170	119,950	24,946
Secondary (grades 9-12 and post graduates)	167,416	7,534	5,671	3,315	Per pupil [2] (dol.)	1,779	4,326	5,368	1,867
Staff, fall	67,948	3,157	3,290	1,277	HIGHER EDUCATION				
School district staff	1,813	7	269	18					
School staff	44,102	2,105	2,205	854	Enrollment, fall	158,120	4,845	2,856	1,295

[1] Public elementary and secondary day schools. [2] Annual expenditures per pupil enrolled.

Source: U.S. National Center for Education Statistics, unpublished data.

No. 1340. Federal Direct Payments for Individuals: 1992 and 1993

[In thousands of dollars. For fiscal years ending **September 30]**

PROGRAM PAYMENTS	1992				1993			
	Puerto Rico	Guam	Virgin Islands	American Samoa	Puerto Rico	Guam	Virgin Islands	American Samoa
Total	**4,086,581**	**127,067**	**105,364**	**16,998**	**4,483,643**	**136,608**	**124,703**	**18,249**
Pell Grants	291,401	1,184	619	326	297,048	1,019	674	377
Medicare: Hospital Insurance	255,133	3,103	6,792	-	275,526	3,351	7,335	-
Supplemental medical insurance	260,308	2,767	4,624	-	257,239	2,734	4,569	-
Social Security:								
Disability insurance	660,884	4,558	7,574	3,019	704,821	4,678	7,996	3,385
Retirement insurance	1,246,085	23,589	37,497	5,114	1,321,392	25,784	40,483	5,283
Survivors insurance	539,050	14,425	13,259	5,093	575,940	14,525	14,058	5,382
Veterans:								
Pension and disability	311,838	4,124	1,734	1,554	335,243	4,633	3,027	1,781
Education assistance	2,687	73	28	18	2,270	84	22	20
Federal retirement and disability	149,771	39,562	6,809	1,767	158,151	49,355	6,987	1,903
Food Stamps	[1]996,488	28,458	17,622	-	[1]1,018,582	17,316	19,328	-
Other	369,424	5,224	8,806	107	556,013	13,129	20,224	118

- Represents or rounds to zero. [1] Food stamp program in Puerto Rico was replaced by the Nutritional Assistance Grant Program. Figures shown represent grants to State and local governments, not included in totals.

Source: U.S. Bureau of the Census, *Federal Expenditures by State for Fiscal Year*, annual.

No. 1341. Puerto Rico—Summary: 1970 to 1993

ITEM	Unit	1970	1980	1985	1989	1990	1991	1992	1993
POPULATION									
Total [1]	1,000	2,722	3,184	3,378	3,497	3,528	3,549	3,579	3,621
Persons per family	Number	4.6	4.3	3.9	3.7	3.7	3.7	3.6	3.6
EDUCATION [2]									
Enrollment, total	1,000	922.6	1,090.9	1,107.9	(NA)	(NA)	(NA)	(NA)	(NA)
Public day school	1,000	672.3	716.1	692.9	660.6	651.2	644.7	642.7	(NA)
Other public	1,000	103.9	149.5	152.0	(NA)	(NA)	(NA)	(NA)	(NA)
Private schools	1,000	89.1	95.2	107.3	137.2	145.8	134.2	(NA)	(NA)
College and university	1,000	57.3	130.1	155.7	156.9	156.1	157.5	157.1	(NA)
Expenses	Mil. dol	288.8	825.0	1,171.8	1,564.2	1,686.4	1,759.7	2,039.0	(NA)
As percent of GNP	Percent	6.2	7.5	7.8	7.8	7.8	7.7	8.6	(NA)
Public	Mil. dol	254.6	612.2	810.2	990.8	1,054.2	1,081.9	1,328.0	(NA)
Private	Mil. dol	34.2	212.8	361.6	573.4	644.2	677.8	711.0	(NA)
LABOR FORCE [3]									
Total [4]	1,000	765	907	985	1,108	1,124	1,152	1,170	1,201
Employed [5]	1,000	686	753	774	948	963	977	977	999
Agriculture [6]	1,000	68	38	39	37	36	35	34	34
Manufacturing	1,000	132	143	141	165	168	164	164	168
Trade	1,000	128	138	150	186	185	195	193	201
Government	1,000	106	184	183	219	222	217	219	216
Unemployed	1,000	79	154	211	160	161	175	193	202
Unemployment rate [7]	Rate	10	17	21	14	14	15	17	17
Compensation of employees	Mil. dol	2,800	7,200	9,442	12,817	13,639	14,277	15,009	15,918
Avg. compensation	Dollar	4,082	9,563	12,456	14,131	14,854	14,613	15,362	15,934
Salary and wages	Mil. dol	2,555	6,290	8,137	10,965	11,681	12,193	12,844	13,618
INCOME [8]									
Personal income:									
Current dollars	Mil. dol	3,753	11,002	14,588	19,198	21,105	21,884	22,596	24,090
Constant (1954) dollars	Mil. dol	2,654	3,985	4,274	5,200	5,551	5,514	5,636	5,949
Disposable personal income:									
Current dollars	Mil. dol	3,565	10,403	13,760	18,170	19,914	20,632	21,222	22,664
Constant (1954) dollars	Mil. dol	2,521	3,768	4,032	4,921	5,238	5,198	5,294	5,596
Average family income:									
Current dollars	Dollar	6,366	14,858	16,914	20,416	22,231	22,883	22,824	24,337
Constant (1954) dollars	Dollar	4,503	5,381	4,957	5,530	5,847	5,765	5,693	6,009
BANKING [9]									
Assets	Mil. dol	3,322	10,223	21,209	27,179	27,902	27,946	31,564	31,635
TOURISM [8]									
Number of visitors	1,000	1,225.0	2,140.0	2,061.6	3,221.2	3,425.8	3,504.3	3,722.2	3,871.1
Visitor expenditures	Mil. dol	235.4	618.7	757.7	1,254.0	1,366.4	1,435.7	1,520.0	1,629.1
Average per visitor	Dollar	192	289	368	389	399	410	408	421
Net income from tourism	Mil. dol	89.8	202.2	223.1	372.8	383.3	400.8	420.0	464.7

NA Not available. [1] 1970, 1980, and 1990 enumerated as of April 1; all other years estimated as of July 1. [2] Enrollment for the first school month. Expenses for school year ending in year shown. [3] Annual average of monthly figures. For fiscal years. [4] Beginning 1980, for population 16 years old and over; 1970, for population 14 years and over. [5] Includes other employment not shown separately. [6] Includes forestry and fisheries. [7] Percent unemployed of the labor force. [8] For fiscal years. [9] As of June 30.

Source: Puerto Rico Planning Board, San Juan, PR, *Income and Product*, annual; and *Socioeconomics Statistics*, annual.

No. 1342. Puerto Rico—Employment Status: 1970 to 1993

[In thousands. For 1970, for persons 14 years old and over; beginning 1980, 16 years old and over. Annual averages for calendar years of the civilian noninstitutional population]

EMPLOYMENT STATUS	1970	1980	1985	1988	1989	1990	1991	1992	1993		
									Total	Male	Female
Total	**1,743**	**2,116**	**2,348**	**2,420**	**2,455**	**2,493**	**2,528**	**2,536**	**2,562**	**1,186**	**1,376**
In the labor force	777	916	992	1,103	1,115	1,132	1,165	1,170	1,201	735	466
Employed	693	758	776	938	952	971	979	977	999	595	404
Working	657	712	710	848	858	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
35 hours or more	569	535	508	614	651	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Less than 35 hours	88	177	203	234	207	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Unemployed	84	156	216	165	163	160	186	193	202	140	62
Percent	10.7	17.0	21.8	15.0	14.6	14.2	16.0	16.5	16.8	19.0	13.3
Not in labor force	966	1,200	1,356	1,317	1,340	1,362	1,363	1,366	1,361	451	910

NA Not available.

Source: Puerto Rico Dept. of Labor and Human Resources, Bureau of Labor Statistics, San Juan, PR.

No. 1343. Puerto Rico—Gross Product and Net Income: 1980 to 1993

[In millions of dollars. For fiscal years ending June 30. Data for 1993 are preliminary]

ITEM	1980	1985	1988	1989	1990	1991	1992	1993
Gross product	**11,065**	**15,002**	**18,550**	**19,954**	**21,619**	**22,809**	**23,562**	**24,991**
Agriculture	380	357	399	443	434	449	420	410
Manufacturing	5,306	7,909	10,513	11,133	12,126	12,661	13,392	14,133
Contract construction and mining [1]	369	334	551	662	720	770	797	823
Transportation [2]	1,279	1,709	2,262	2,315	2,468	2,671	2,808	2,948
Trade	2,273	3,160	4,125	4,376	4,728	4,832	5,049	5,382
Finance, insurance, real estate	1,486	2,547	3,545	3,750	3,896	4,308	4,634	4,763
Services	1,279	1,837	2,505	2,699	3,015	3,322	3,574	3,849
Government	1,897	2,346	2,918	3,187	3,337	3,522	3,672	3,900
Commonwealth	1,574	1,996	2,506	2,745	2,884	3,044	3,154	3,345
Municipalities	323	350	413	442	453	478	518	555
Rest of the world	-3,372	-5,287	-7,629	-8,313	-8,985	-9,478	-10,442	-10,843
Statistical discrepancy	166	91	-640	-298	-121	-248	-342	-373
Net income	**9,007**	**12,182**	**15,699**	**16,662**	**17,941**	**18,927**	**19,555**	**20,824**
Agriculture	435	410	447	494	486	503	476	468
Manufacturing	4,756	7,117	9,704	10,299	11,277	11,732	12,494	13,183
Mining	9	10	22	24	26	26	26	26
Contract construction	337	309	516	624	679	728	754	781
Transportation [2]	1,022	1,248	1,646	1,681	1,777	1,900	1,964	2,105
Trade	1,609	2,285	2,942	3,154	3,420	3,485	3,597	3,835
Finance, insurance, and real estate	1,200	2,141	2,978	3,136	3,280	3,609	3,886	4,000
Services	1,114	1,606	2,154	2,377	2,643	2,901	3,128	3,371
Commonwealth Government [3]	1,897	2,346	2,918	3,187	3,337	3,522	3,672	3,900
Rest of the world	-3,372	-5,287	-7,629	-8,313	-8,985	-9,478	-10,442	-10,843

[1] Mining includes only quarries. [2] Includes other public utilities, and radio and television broadcasting. [3] Includes public enterprises not elsewhere classified.

Source: Puerto Rico Planning Board, San Juan, PR, *Economic Report of the Governor, 1992-93.*

No. 1344. Puerto Rico—Transfer Payments: 1985 to 1993

[Data represent transfer payments between Federal and State governments and other nonresidents. See headnote, table 1343]

ITEM	1985	1988	1989	1990	1991	1992	1993
Total receipts	**3,531**	**4,073**	**4,289**	**4,871**	**4,973**	**5,108**	**5,590**
Federal government	3,348	3,840	4,082	4,649	4,708	4,903	5,397
Transfers to individuals [1]	3,283	3,761	4,014	4,577	4,633	4,818	5,303
Veterans benefits	317	323	337	349	370	383	409
Medicare	220	292	320	368	415	487	517
Old age, disability, survivors	1,581	1,826	1,940	2,055	2,243	2,315	2,659
Nutritional assistance	780	822	853	880	916	957	975
Industry subsidies	65	80	68	72	75	86	94
U.S. State governments	17	15	17	18	18	29	33
Other nonresidents	166	217	191	205	246	175	160
Total payments	**1,180**	**1,524**	**1,664**	**1,801**	**1,857**	**1,975**	**2,090**
Federal government	1,145	1,512	1,651	1,756	1,840	1,905	2,022
Transfers from individuals	508	692	766	817	864	914	981
Contribution to Medicare	44	70	89	97	101	108	122
Employee contribution for Social Security	463	620	675	720	762	805	857
Transfers from industries	13	15	15	16	19	24	26
Unemployment insurance	189	223	237	247	243	209	208
Employer contribution for Social Security	435	582	633	675	714	758	807
Other nonresidents	35	11	13	45	17	69	64
Net balance	**2,351**	**2,550**	**2,625**	**3,070**	**3,116**	**3,133**	**3,500**
Federal government	2,203	2,328	2,431	2,893	2,869	2,998	3,375
U.S. State governments	14	14	14	16	15	25	27
Other nonresidents	134	208	180	162	232	110	98

[1] Includes other receipts and payments not shown separately.

Source: Puerto Rico Planning Board, San Juan, PR, *Economic Report of the Governor, 1991-92.*

No. 1345. Puerto Rico—Merchandise Imports and Exports: 1980 to 1991

[In millions of dollars. Imports are imports for consumption; see text, section 28]

ITEM	1980	1981	1982	1983	1984	1985	1986	1987	1988	1989	1990	1991
Imports	9,018	9,329	8,167	8,708	10,116	10,162	10,321	11,308	13,096	15,010	16,200	15,079
From U.S.	5,345	5,801	5,300	5,162	5,738	6,130	6,467	7,307	8,788	10,193	10,792	10,306
From other	3,673	3,528	2,867	3,546	4,378	4,032	3,854	4,001	4,308	4,817	5,408	4,773
Exports	6,576	7,047	8,888	8,242	9,426	11,087	11,854	12,508	14,436	17,455	20,402	21,128
To U.S.	5,643	6,024	7,624	6,936	8,074	9,873	10,524	11,153	12,756	15,334	17,915	18,729
To other	933	1,023	1,264	1,306	1,352	1,214	1,330	1,355	1,680	2,121	2,487	2,399

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 895;* and, through 1988, *Highlights of U.S. Export and Import Trade, FT990;* thereafter, FT990 supplement.

No. 1346. Puerto Rico—Economic Summary, by Industry: 1991

[Excludes employees of establishments totally exempt from the Federal Insurance Contributions Act: government workers, railroad employment jointly covered by Social Security and railroad retirement programs, self-employed persons, domestic service, agriculture production employees, and employees on oceanborne vessels or in foreign countries]

INDUSTRY	1987 SIC code [1]	Total establishments	Employment-size class					Employees [2]	Annual payroll (mil. dol.)
			1 to 4	5 to 9	10 to 19	20 to 49	50 or more		
Total [3]	**(X)**	**35,742**	**21,451**	**5,655**	**3,953**	**2,835**	**1,848**	**560,441**	**7,578.9**
Agricultural services, forestry, and fishing	A	81	54	14	9	3	1	457	5.5
Mining	B	36	6	10	6	8	6	942	11.0
Nonmetallic minerals, except fuels	14	27	3	8	6	7	3	525	6.2
Construction [3]	C	892	343	136	125	125	163	36,486	385.2
General contractors and operative builders	15	363	106	50	48	55	104	23,066	232.1
Special trade contractors	17	460	216	78	67	55	44	9,782	104.5
Manufacturing [3]	D	1,623	346	191	245	297	544	147,082	2,473.6
Food and kindred products	20	223	59	31	38	42	53	17,327	289.7
Textile mill products	22	17	2	1	2	4	8	3,051	36.2
Apparel and other textile products	23	237	30	19	23	40	125	30,362	287.9
Furniture and fixtures	25	88	28	18	21	15	6	1,788	17.6
Paper and allied products	26	40	5	5	10	7	13	1,826	29.0
Printing and publishing	27	147	65	25	27	20	10	3,782	57.7
Chemicals and allied products	28	152	16	17	15	23	81	25,926	705.8
Petroleum and coal products	29	13	-	1	4	1	7	1,277	39.4
Rubber and misc. plastic products	30	82	7	4	17	24	30	5,677	89.8
Leather and leather products	31	28	3	1	5	2	17	6,592	67.0
Stone, clay, and glass products	32	105	22	20	26	27	10	3,236	63.0
Fabricated metal products	34	105	25	13	19	26	22	3,692	49.8
Industrial machinery and equip	35	72	24	11	9	15	13	3,780	69.2
Electronic and other electronic equip	36	105	14	3	4	11	73	18,094	325.0
Instruments and related products	38	67	6	2	6	8	45	13,053	228.1
Transportation and public utilities [3]	E	822	425	141	116	75	65	23,839	449.1
Trucking and warehousing	42	300	167	51	47	22	13	2,985	35.8
Water transportation	44	54	22	6	6	6	14	4,788	69.3
Air transportation	45	72	21	11	13	16	11	2,421	48.7
Transportation services	47	229	159	36	17	12	5	1,845	29.6
Communication	48	99	18	20	27	17	17	10,832	251.6
Electric, gas, and sanitary services	49	13	4	3	-	1	5	703	12.3
Wholesale trade [3]	F	1,876	741	351	343	269	172	34,571	614.5
Durable goods	50	954	363	201	183	139	68	14,819	255.0
Nondurable goods	51	905	374	148	157	124	102	19,271	345.6
Retail trade [3]	G	9,164	4,861	1,873	1,199	872	359	106,239	1,010.1
Building materials, garden supplies	52	555	312	117	65	44	17	4,981	50.4
General merchandise stores	53	410	163	50	59	60	78	17,561	175.2
Food stores	54	1,189	651	186	123	114	115	19,577	163.8
Automotive dealers and service stations	55	1,417	918	300	122	59	18	8,813	100.2
Apparel and accessory stores	56	1,320	521	332	284	163	20	13,605	108.2
Furniture and home furnishings	57	643	373	167	63	37	3	3,919	42.7
Eating and drinking places	58	1,695	815	295	277	258	50	19,818	157.4
Finance, insurance, and real estate [3]	H	1,843	868	346	331	201	97	35,993	652.9
Depository institutions	60	331	64	44	137	62	24	14,314	286.2
Nondepository institutions	61	412	108	120	87	71	26	7,786	116.2
Insurance carriers	63	77	18	13	11	20	15	3,925	83.1
Insurance agents, brokers, and service	64	230	121	45	28	20	16	3,793	75.9
Real estate	65	743	524	117	63	26	13	5,464	63.9
Services [3]	I	7,592	5,020	1,019	661	451	441	123,217	1,435.2
Personal services	72	528	363	85	54	21	5	3,318	27.3
Business services	73	653	286	106	81	62	118	31,110	317.5
Auto repair, services, and parking	75	515	370	83	42	13	7	2,789	29.7
Motion pictures	78	63	34	16	18	6	9	1,334	16.9
Amusement and recreation services	79	135	74	21	20	13	7	1,741	17.5
Health services	80	2,808	2,241	300	131	65	71	29,170	331.8
Legal services	81	724	604	43	49	20	8	3,218	59.3
Education services	82	439	96	61	67	113	102	20,848	243.4
Social services	83	228	93	50	42	17	26	4,539	48.6
Membership organizations	86	501	312	79	47	39	24	5,913	53.3
Engineering and management services	87	582	345	97	62	44	34	7,246	117.6

- Represents or rounds to zero. X Not applicable. [1] 1987 Standard Industrial Classification (SIC) code; see text, section 13. [2] For the pay period including March 12. [3] Includes other establishments not shown separately.

Source: U.S. Bureau of the Census, *County Business Patterns*, 1991.

No. 1347. Puerto Rico, Guam, and Virgin Islands—Agriculture: 1982 and 1987

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

ITEM	1982	1987	ITEM	1982	1987	ITEM	AMOUNT HARVESTED [1] Unit	1982	1987	SALES ($1,000) 1982	1987
PUERTO RICO											
Farms	21,820	20,245	Tenure of operator:			Dairy products	(X)	(X)	(X)	152,126	157,864
Percent—			Percent—			Poultry [2]	(X)	(X)	(X)	45,945	70,560
Less than 10 cuerdas	45.1	48.7	Full-owners	79.3	77.5	Coffee	1,000 cwt.[3]	243.9	246.2	39,302	41,786
10 to 19 cuerdas	20.9	19.5	Part-owners	11.5	13.1	Cattle and calves	(X)	(X)	(X)	28,579	30,206
20 to 49 cuerdas	18.0	16.7	Managers	1.8	2.3	Sugarcane	1,000 tons	1,462	1,170	26,663	26,643
50 to 99 cuerdas	7.1	6.7	Tenants	7.4	7.1	Fruits/nuts	(X)	(X)	(X)	14,060	20,645
100 to 174 cuerdas	3.9	3.7	Avg. farm size-cuerdas—			Pineapples	1,000 tons	44	69	9,534	15,495
175 or more cuerdas	5.0	4.7	Full-owners	31.1	30.6	Hogs	(X)	(X)	(X)	6,903	9,525
Cuerdas in farms	982,457	886,846	Part-owners	99.3	85.7						
			Managers	122.8	128.0						
			Tenants	90.9	84.0	Vegetables	Cuerdas	6,669	6,179	9,547	8,236
GUAM											
Farms	297	351	Tenure of operator:			Chicken eggs	(X)	(X)	(X)	791.9	651.1
Percent—			Percent—			Fish	(X)	(X)	(X)	121.3	235.0
Less than 1 acre	9.4	6.3	Full-owners	62.0	64.1	Cucumbers	1,000 lbs.	623.3	587.1	217.8	233.5
1 to 2 acres	36.0	35.9	Permittees	21.9	20.5	Green beans	1,000 lbs.	116.5	303.8	81.7	230.2
3 to 7 acres	28.6	29.1	Tenants	9.1	4.3	Watermelons	1,000 lbs.	400.3	632.6	115.6	178.6
8 or more acres	26.0	28.8	Part-owners	5.1	4.6	Tomatoes	1,000 lbs.	88.0	142.7	64.3	108.6
			Non-permittees	1.3	6.0	Hogs and pigs	(X)	(X)	(X)	117.0	106.4
Acres in farms	17,787	13,134	Others	0.7	0.6						
VIRGIN ISLANDS											
Farms	259	267	Tenure of operator:			Milk	(X)	(X)	(X)	922.8	1,042.7
Percent—			Percent—			Cattle and calves	(X)	(X)	(X)	488.6	613.4
Less than 3 acres	29.0	30.0									
3 to 9 acres	34.7	30.3	Full-owners	79.9	75.3	Hogs and pigs	(X)	(X)	(X)	130.0	125.2
10 to 19 acres	9.3	12.0	Part-owners	10.4	13.5						
20 or more acres	27.0	27.7	Tenants	9.3	8.6	Tomatoes	Acres	8	16	33.7	113.7
						Lettuce	Acres	2	8	7.8	49.5
			Managers	0.4	2.6	Mangoes	1,000	205.0	171.1	(D)	44.0
Acres in farms	17,778	17,785				Poultry [2]	(X)	(X)	(X)	315.6	16.8

D Withheld to avoid disclosure of information pertaining to a specific organization or individual. X Not applicable.
[1] Includes amounts not sold. [2] Includes poultry products. [3] Cwt=hundredweight (100 lbs.).
Source: U.S. Bureau of the Census, *1987 Census of Agriculture*, vol. 1, parts 52, 53, and 54.

No. 1348. Guam, Virgin Islands, and Northern Mariana Islands—Economic Summary: 1987

[Sales and payroll in millions of dollars]

ITEM	Guam	Virgin Islands	No. Mariana Islands	ITEM	Guam	Virgin Islands	No. Mariana Islands
Total: Establishments	1,490	2,604	768	Wholesale trade:			
Sales	1,510	(D)	374	Establishments	94	84	28
Annual payroll	221	255	57	Sales	245	211	50
Paid employees [1]	18,582	20,709	9,090	Annual payroll	19	20	2
Unpaid family workers [2]	371	209	167	Paid employees [1]	1,392	1,322	187
				Unpaid family workers [2]	6	2	-
Construction: Establishments	79	92	72	Retail trade:			
Sales	127	124	43	Establishments	804	1,311	383
Annual payroll	35	29	12	Sales	786	703	155
Paid employees [1]	2,705	2,170	2,061	Annual payroll	79	85	14
Unpaid family workers [2]	1	3	6	Paid employees [1]	7,344	8,529	2,304
Manufacturing:				Unpaid family workers [2]	273	168	126
Establishments	38	66	39	Services: Establishments	475	1,051	246
Sales	81	(D)	58	Sales	271	296	67
Annual payroll	17	44	14	Annual payroll	71	76	16
Paid employees [1]	1,320	2,102	2,257	Paid employees [1]	5,821	6,586	2,281
Unpaid family workers [2]	1	-	3	Unpaid family workers [2]	90	36	32

- Represents zero. D Withheld to avoid disclosure of information pertaining to a specific organization or individual. [1] For pay period including March 12. [2] Includes those who worked 15 hours or more during the week including March 12.
Source: U.S. Bureau of the Census, *1987 Economic Census of Outlying Areas*, OAC 87-5 to OAC 87-7.

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. Data are shown for population, births and deaths, social and industrial indicators, finances, agriculture, communication, and military affairs.

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 and expressed in their own or customary units of measure. (For a listing of selected publications, see Guide to Sources.) 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 the *Energy Statistics Yearbook.* Specialized agencies of the United Nations also issue international summary publications on agricultural, labor, health, and education statistics. Among these are the *Production Yearbook* and *Trade Yearbook* issued by the Food and Agriculture Organization, the *Yearbook of Labour Statistics* issued by the International Labour Office, the *World Health Statistics* issued by the World Health Organization, and the *Statistical Yearbook* issued by the Educational, Scientific, and Cultural Organization.

The Bureau of the Census presents estimates of basic demographic measures for countries and regions of the world in the *World Population Profile* series. The *International Population Statistics Reports,* P90 and P91 series, also present population figures for many foreign countries. Detailed population statistics are also available from the Bureau of the Census' computerized International Data Base.

In Brief

Ten largest countries in 1994: (1,000 persons)

China, Mainland	1,190,431
India	919,903
United States	260,714
Indonesia	200,410
Brazil	158,739
Russia	149,609
Pakistan	128,856
Bangladesh	125,149
Japan	125,107
Nigeria	98,091

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 ACDA presents data on various economic indicators, as well as basic military data. Among the topics presented have been military expenditures, gross national product, 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 list of sovereign nations, dependencies, and areas of special sovereignty published 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.

In recent years, several important changes took place in the status of the world's nations. Two nations, Yemen and Germany, were formed in 1990, each by unification

of two formerly separate nations. In the case of Germany, the former German Democratic Republic (East) was subsumed by the Federal Republic of Germany (West). In most cases, data presented in the *Statistical Abstract* are for former West Germany. The Republic of Yemen was formed by union of the former Yemen Arab Republic and the People's Democratic Republic of Yemen. Also in 1990, Namibia finally realized its independence; the United Nations terminated its status as a South African mandate in 1966.

The year 1990 also began a period of turmoil in the former Soviet Union. The independence of three Baltic States—Estonia, Latvia, and Lithuania—was recognized by the central Soviet government in August 1991. The United States established diplomatic relations with the democratically elected governments of the Baltic States in September 1991. In December 1991, the 12 former Soviet republics became separate sovereign nations—Armenia, Azerbaijan, Belarus, Georgia, Kazakhstan, Kyrgyzstan, Moldova, Russia, Tajikistan, Turkmenistan, Ukraine, and Uzbekistan. Eleven of the 12 have formed a Commonwealth of Independent States (Georgia has not joined). Most data presented in the *Statistical Abstract* are for former Soviet Union.

In 1992, the Socialist Federal Republic of Yugoslavia dissolved and none of the successor states represents its continuation. Bosnia and Herzegovina, Croatia, and Slovenia have been formally recognized as independent states by the United States. Macedonia has proclaimed independent statehood, but has not been formally recognized as a state by the U.S. Serbia and Montenegro have asserted the formation of a joint independent state, but this entity has not been formally recognized as a state by the U.S. In addition, on December 31, 1992, at midnight, Czechoslovakia ceased to exist and was succeeded by two separate and independent states, the Czech Republic and Slovakia. The United States formally recognized the Czech Republic and Slovakia as independent states on January 1, 1993. Finally, Eritrea announced its independence from Ethiopia on April 27, 1993. After this announcement, the U.S. recognized Eritrea as an independent state.

The population estimates and projections used in tables 1351-1353 were prepared by the Census Bureau. For each country, the data on population, by age and sex, fertility, mortality, and international migration were evaluated and, where necessary, adjusted for inconsistencies and errors in the data. In most instances, comprehensive projections were made by the component method, resulting in distributions of the population by age and sex, and requiring an assessment of probable future trends of fertility, mortality, and international migration.

Economic associations.—The Organization 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 Organization for Economic Cooperation and Development (OECD). The member nations of the OECD are Australia, Austria, Belgium, Canada, Denmark, Finland, France, Germany, Greece, Iceland, Ireland, Italy, Japan, Luxembourg, the Netherlands, New Zealand, Norway, Portugal, Spain, Sweden, Switzerland, Turkey, the United Kingdom, and the United States.

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.

(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 U.S. figures by the United Nations or other sources in order to make them more comparable with figures from other countries.

International comparisons of national accounts data.—In order to compare national accounts data for different countries, it is necessary to convert each country's data into a common unit of currency, usually the U.S. dollar. The market exchange rates which are often used in converting national currencies do not necessarily reflect the relative purchasing power in the various countries. It is necessary that the goods and services produced in different countries should be valued consistently if the differences observed are meant to reflect real differences in the volumes of goods and services produced. The use of purchasing power parities (see table 1370) instead of exchange rates is intended to achieve this objective.

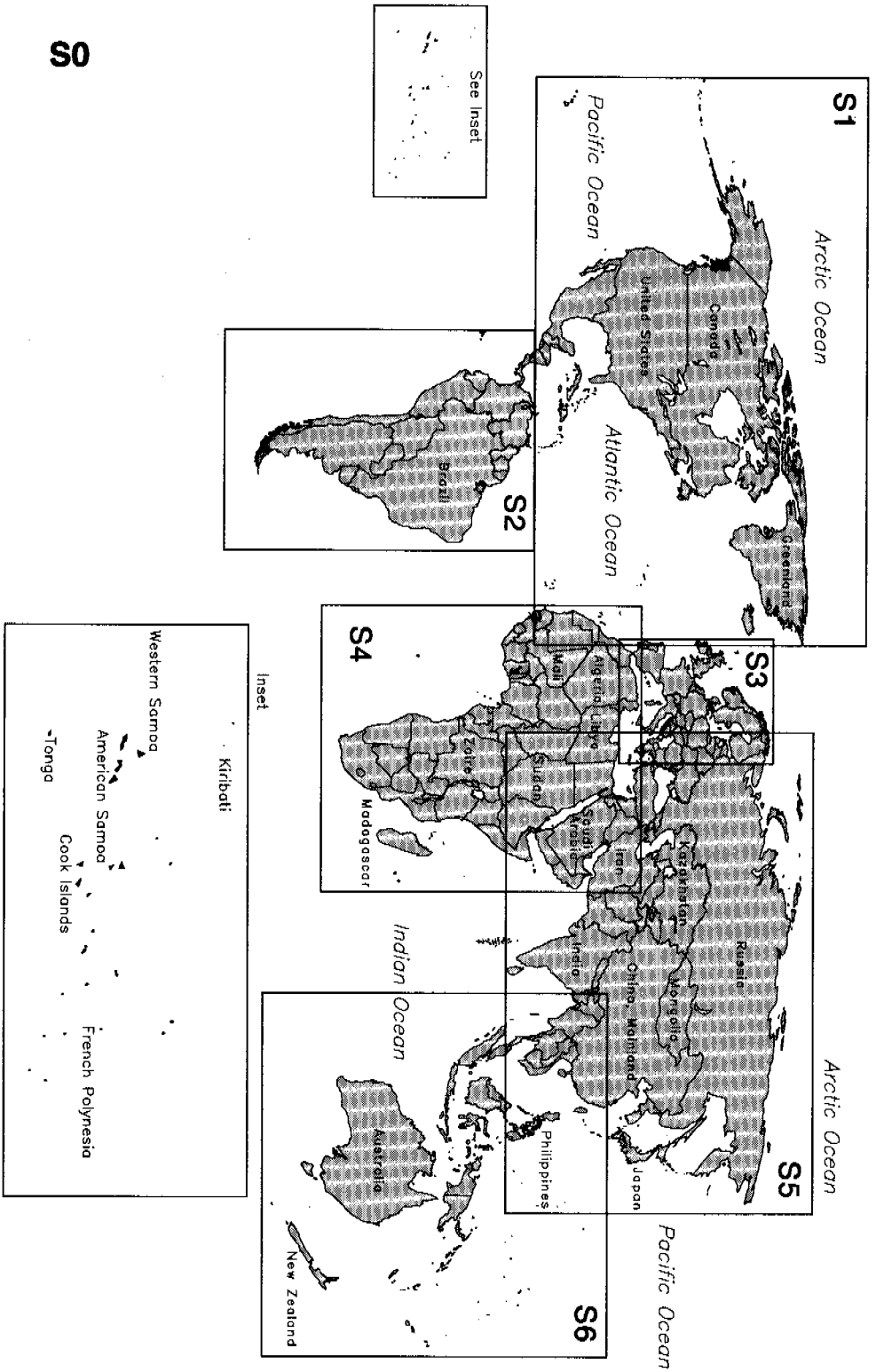
The method used to present the data shown in table 1370 is to construct volume measures directly by revaluing the goods and services sold in different countries at a common set of international prices. By dividing the ratio of the gross domestic products of two countries expressed in their own national currencies by the corresponding ratio calculated at constant international prices, it is possible to derive the implied purchasing power parity (PPP) between the two currencies concerned. PPP's show how many units of currency are needed in one country to buy the same amount of goods and services which one unit of currency will buy in the other country. For further information, see *National Accounts, Main Aggregates,* volume I, issued annually by the Organization for Economic Cooperation and Development, Paris, France.

International Standard Industrial Classification.—The original version of the International Standard Industrial Classification of All Economic Activities (ISIC) was adopted in 1948. Wide use has been made both nationally and internationally in classifying data according to kind of economic activity in the fields of production, employment, national income, and other economic statistics. A number of countries have utilized the ISIC as the basis for devising their industrial classification scheme. Substantial comparability has been attained between the industrial classifications of many other countries, including the United States, and the ISIC by ensuring, as far as practicable, that the categories at detailed levels of classification in national schemes fitted into only one category of the ISIC. For more detail, see Bureau of the Census, *The International Standard Industrial Classification and the U.S. Standard Industrial Classification,* Technical Paper No. 14 and text, section 27. The United Nations, the International Labour Organization, the Food and Agriculture Organization, and other international bodies have utilized the ISIC in publishing and analyzing statistical data. Revisions of the ISIC were issued in 1958, 1968, and 1989.

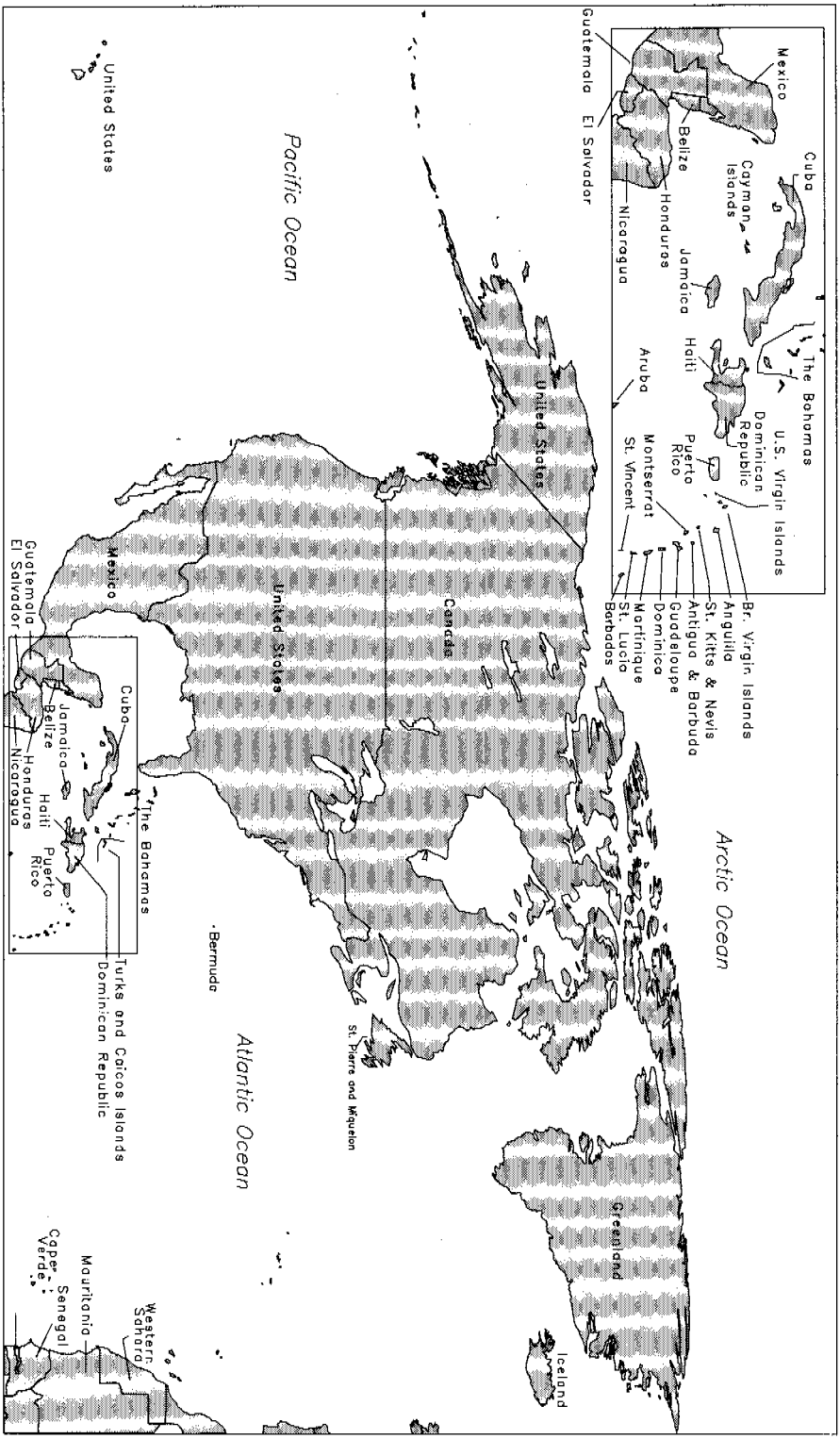
International maps. A series of regional world maps is provided on pages 842–848. References are included in table 1374 for easy location of individual countries on the maps. The Robinson map projection is used for this series of maps. A map projection is used to portray all or part of the round Earth on a flat surface, but this cannot be done without some distortion. For the Robinson projection, distortion is very low along the Equator and within 45 degrees of the center but is greatest near the poles. For additional information on map projections and maps, please contact the Earth Science Information Center, U.S. Geological Survey, 507 National Center, Reston, VA 22092.

155-600 – 94 – 28

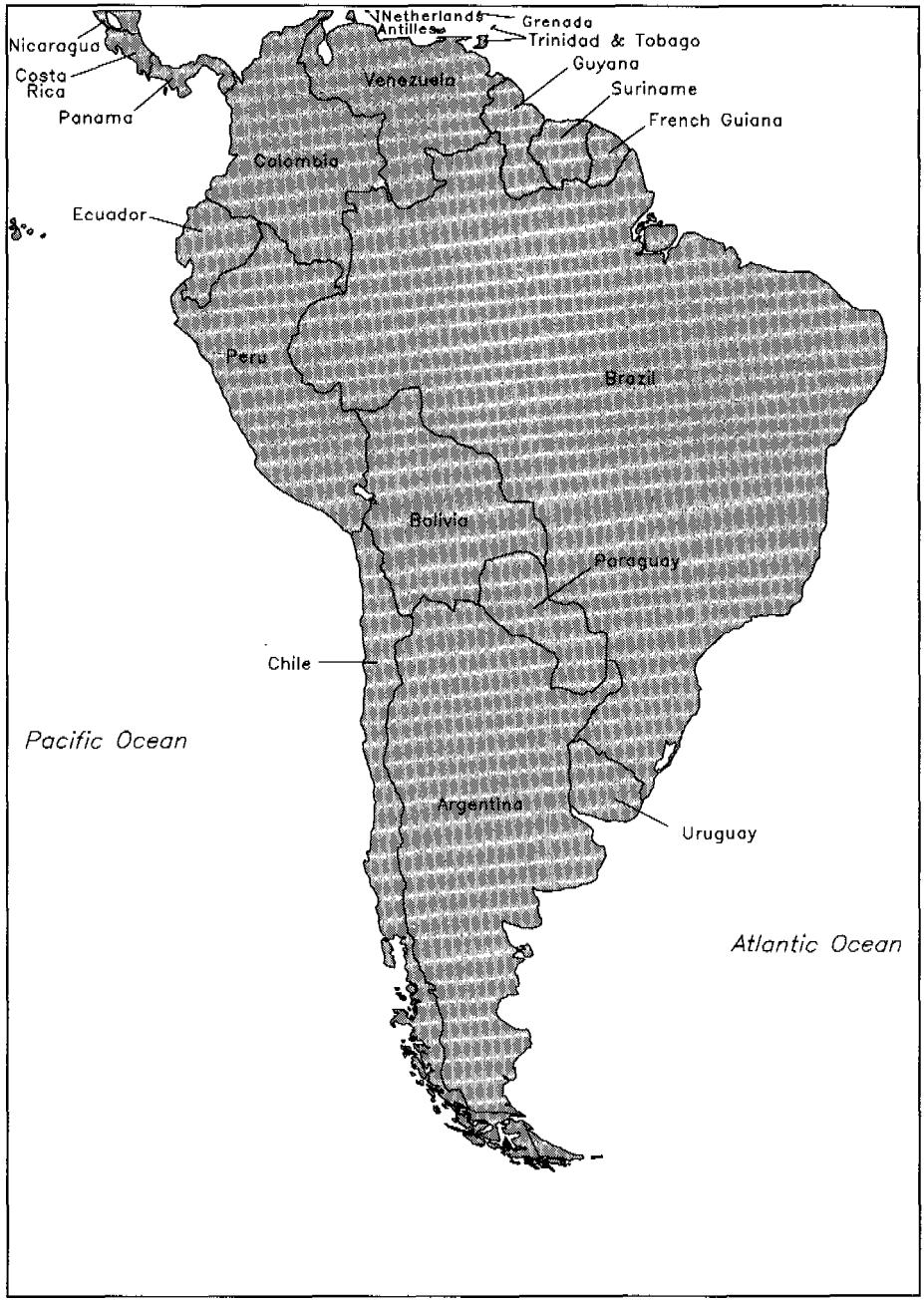
S0


S1
Arctic Ocean
Pacific Ocean
Atlantic Ocean
Canada
United States
Greenland
See Inset
S2
Brazil
S3
Algeria
Libya
Mali
Sudan
Saudi Arabia
Iran
Kazakhstan
Russia
Mongolia
China Mainland
India
Japan
S4
Zaire
Madagascar
Indian Ocean
S5
Philippines
S6
Australia
New Zealand
Inset
Kiribati
Western Samoa
American Samoa
Cook Islands
Tonga
French Polynesia

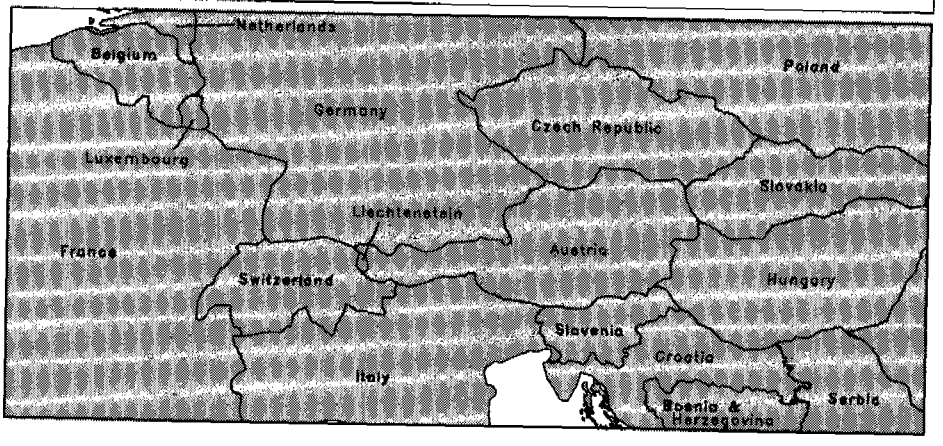
S1


Mexico
Cuba
Cayman Islands
Belize
Honduras
Jamaica
Nicaragua
Guatemala
El Salvador
Haiti
Aruba
The Bahamas
U.S. Virgin Islands
Dominican Republic
Puerto Rico
Montserrat
St. Vincent
Br. Virgin Islands
Anguilla
St. Kitts & Nevis
Antigua & Barbuda
Guadeloupe
Dominica
Martinique
St. Lucia
Barbados
United States
Canada
Pacific Ocean
Arctic Ocean
Atlantic Ocean
Greenland
Iceland
St. Pierre and Miquelon
Bermuda
Turks and Caicos Islands
Western Sahara
Mauritania
Senegal
Cape Verde

S2

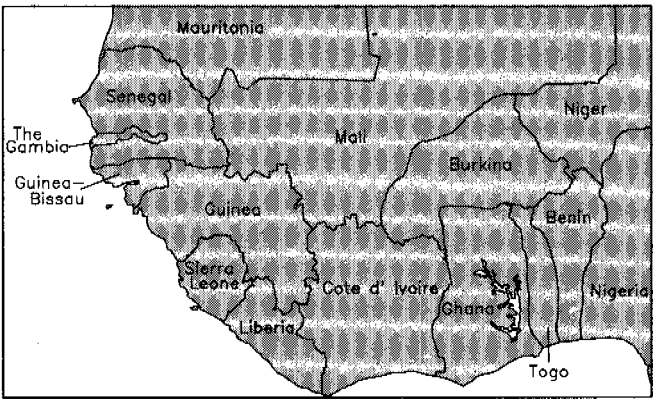

Netherlands Antilles
Grenada
Trinidad & Tobago
Nicaragua
Costa Rica
Panama
Venezuela
Guyana
Suriname
French Guiana
Colombia
Ecuador
Peru
Brazil
Bolivia
Paraguay
Chile
Pacific Ocean
Argentina
Uruguay
Atlantic Ocean

Arctic Ocean
Russia
Faroe Islands
Sweden
Finland
Norway
Estonia
Russia
Denmark
Latvia
Lithuania
Russia
Netherlands
Ireland
Germany
Poland
Belarus
United Kingdom
Isle of Man
Guernsey
Jersey
Ukraine
France
Romania
San Marino
Serbia
Monaco
Andorra
Italy
Bulgaria
Spain
Albania
Macedonia
Portugal
Gibraltar
Greece
Atlantic Ocean

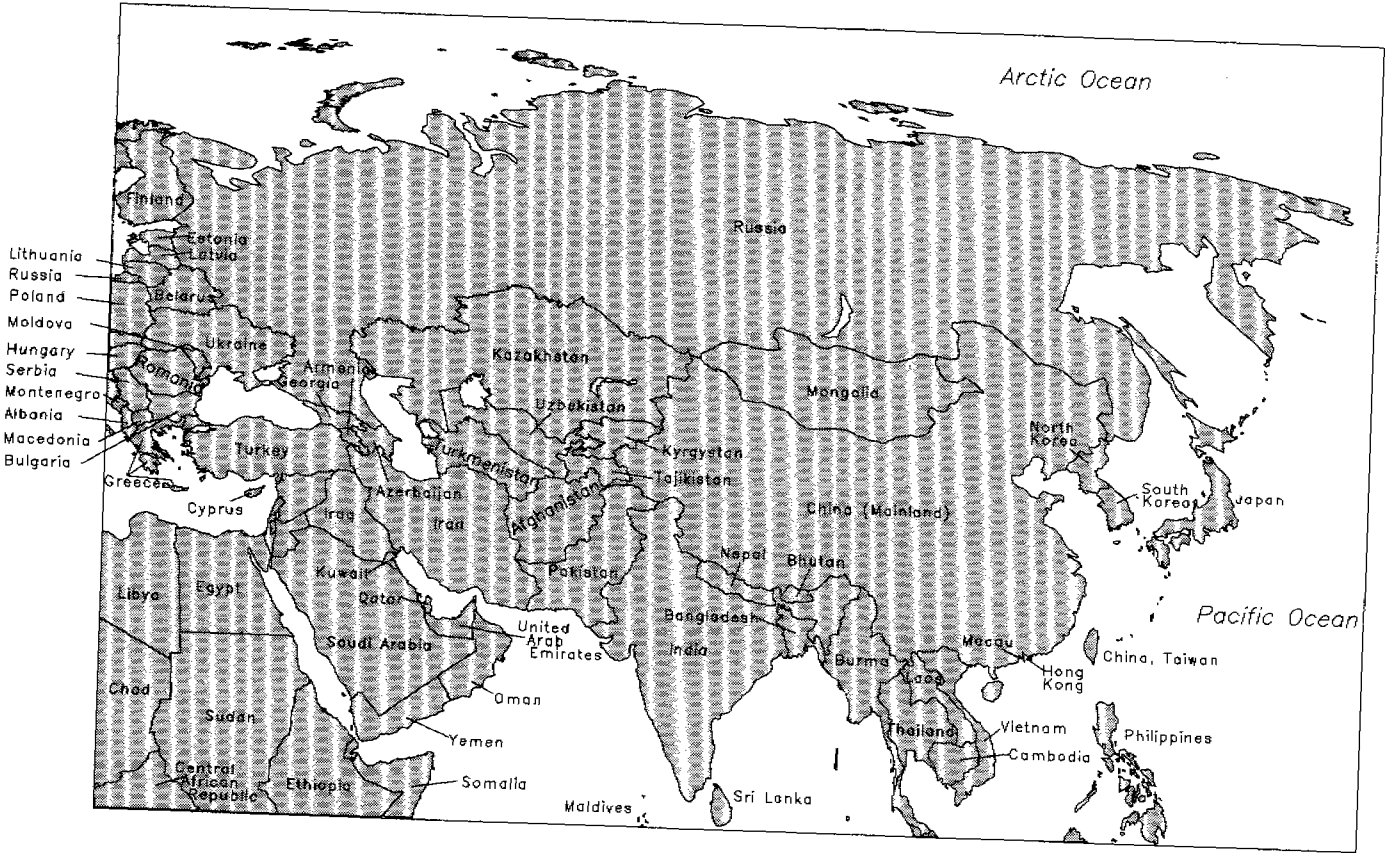


S4

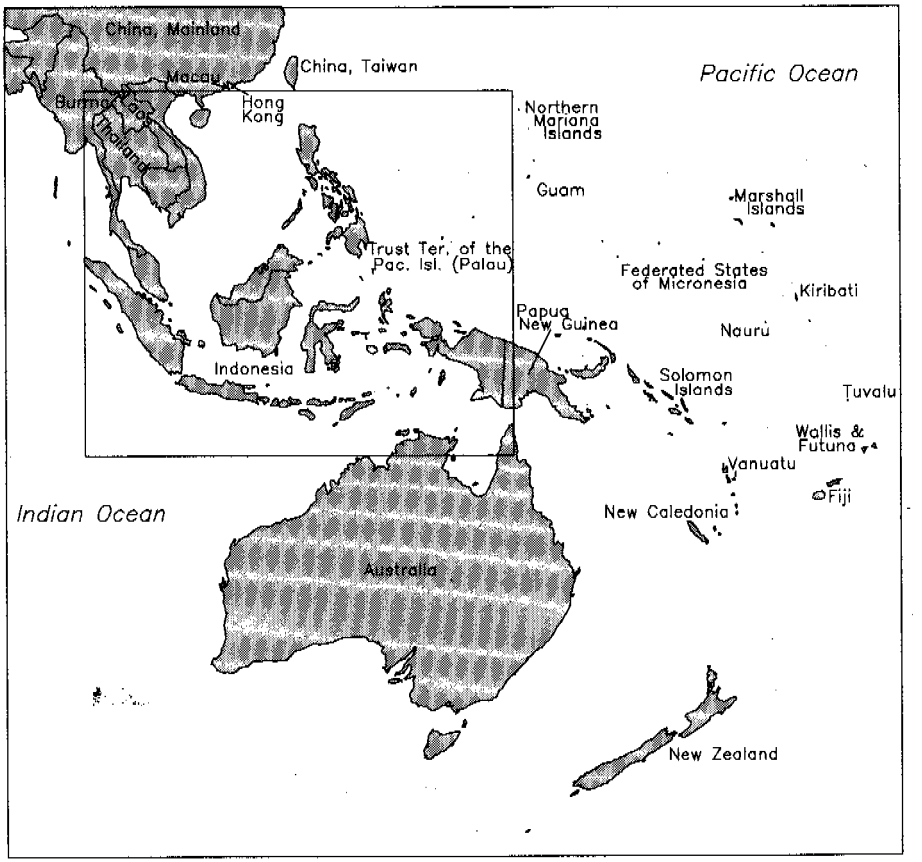
Spain
Morocco
Western Sahara
Tunisia
Algeria
Libya
Malta
Greece
Cyprus
Lebanon
West Bank
Gaza Strip
Israel
Syria
Iraq
Iran
Jordan
Kuwait
Bahrain
Qatar
United Arab Emirates
Egypt
Saudi Arabia
Oman
Yemen
Mauritania
Mali
Niger
Chad
Sudan
Djibouti
Nigeria
Ethiopia
Cameroon
Central African Republic
Somalia
Sao Tome & Principe
Uganda
Kenya
Gabon
Congo
Rwanda
Zaire
Equatorial Guinea
Burundi
Tanzania
Indian Ocean
Seychelles
Comoros
Angola
Malawi
Zambia
Mayotte
St. Helena
Zimbabwe
Mozambique
Mauritius
Namibia
Botswana
Reunion
Atlantic Ocean
Madagascar
Swaziland
South Africa
Lesotho

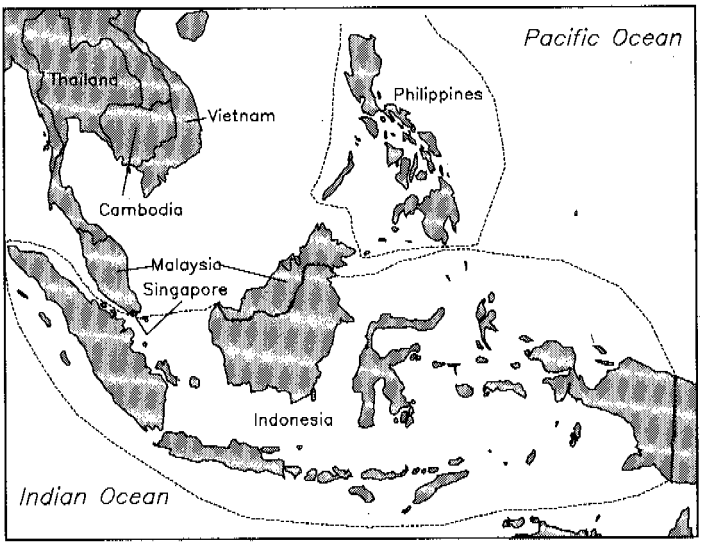


S5


Arctic Ocean
Pacific Ocean
Finland
Estonia
Latvia
Lithuania
Russia
Poland
Belarus
Moldova
Ukraine
Hungary
Romania
Serbia
Montenegro
Albania
Macedonia
Bulgaria
Greece
Cyprus
Turkey
Armenia
Georgia
Kazakhstan
Uzbekistan
Turkmenistan
Kyrgystan
Tajikistan
Afghanistan
Azerbaijan
Iran
Iraq
Kuwait
Qatar
Saudi Arabia
United Arab Emirates
Oman
Yemen
Somalia
Libya
Egypt
Chad
Sudan
Central African Republic
Ethiopia
Pakistan
Nepal
Bhutan
Bangladesh
India
Maldives
Sri Lanka
Russia
Mongolia
China (Mainland)
Burma
Laos
Thailand
Vietnam
Cambodia
Macau
Hong Kong
China, Taiwan
North Korea
South Korea
Japan
Philippines

S6


China, Mainland
China, Taiwan
Macau
Burma
Hong Kong
Thailand
Pacific Ocean
Northern Mariana Islands
Guam
Marshall Islands
Trust Ter. of the Pac. Isl. (Palau)
Federated States of Micronesia
Kiribati
Papua New Guinea
Nauru
Indonesia
Solomon Islands
Tuvalu
Wallis & Futuna
Vanuatu
Fiji
Indian Ocean
New Caledonia
Australia
New Zealand


Pacific Ocean
Thailand
Philippines
Vietnam
Cambodia
Malaysia
Singapore
Indonesia
Indian Ocean

No. 1349. World Summary: 1980 to 1992

[See text, section 30, for general comments concerning quality of the data]

ITEM	Unit	1980	1985	1986	1987	1988	1989	1990	1991	1992
Population	Millions	4,453	4,850	4,936	5,024	5,112	5,202	5,294	5,384	5,478
Agriculture, forestry, fishing production: [1]										
Barley	Mil. metric tons	156.7	172.7	177.5	175.5	163.3	164.1	177.7	168.1	165.0
Coffee	Mil. metric tons	4.8	5.8	5.2	6.4	5.7	6.0	6.1	6.1	5.8
Corn	Mil. metric tons	397.5	486.9	478.2	450.9	400.4	474.6	479.0	489.9	530.1
Cotton (lint)	Mil. metric tons	13.8	17.4	15.2	16.6	18.3	17.1	18.4	20.7	18.1
Meats	Mil. metric tons	135.9	152.9	157.5	163.0	169.8	172.9	178.2	181.5	184.3
Peanuts (groundnuts)	Mil. metric tons	16.9	20.8	21.4	21.7	25.4	23.1	23.1	23.4	24.2
Rice	Mil. metric tons	398.9	471.0	471.3	464.1	490.8	517.4	520.5	517.8	526.4
Tobacco	Mil. metric tons	5.3	7.0	6.0	6.2	6.8	7.0	7.0	7.5	8.0
Wheat	Mil. metric tons	440.1	499.6	528.6	504.9	500.8	538.5	592.8	546.6	566.3
Wool, greasy	Mil. metric tons	2.8	3.0	3.0	3.1	3.1	3.0	3.1	3.0	2.9
Roundwood	Mil. cubic meters	2,932	3,199	3,305	3,372	3,426	3,455	3,450	(NA)	(NA)
Fish catches	Mil. metric tons	72.0	86.3	92.8	94.4	99.0	100.2	97.4	96.9	(NA)
Industrial production:										
Wine [1]	Mil. metric tons	35.3	29.5	32.2	32.3	27.3	28.5	28.4	26.0	29.6
Sugar [1]	Mil. metric tons	84.4	98.6	101.5	102.5	104.3	105.8	111.3	112.2	117.4
Wheat flour [1]	Mil. metric tons	237.2	270.0	274.4	280.4	288.4	291.7	300.1	305.3	305.9
Coal	Mil. metric tons	2,728	3,161	3,249	3,411	3,488	3,584	3,517	3,453	(NA)
Lignite and brown coal	Mil. metric tons	1,042	1,202	1,219	1,250	1,261	1,282	1,212	1,180	(NA)
Crude petroleum [2]	Bil. bbl.	21.8	19.7	20.5	20.7	21.4	21.8	22.1	21.9	22.0
Natural gas (dry) [2]	Trl. cu. ft	53.1	61.8	63.4	66.3	69.7	72.1	73.7	74.8	75.0
Electricity	Bil. kWh.	8,247	9,747	10,055	10,587	11,059	11,505	11,802	12,034	(NA)
Iron ore	Mil. metric tons	841	862	868	890	916	920	921	922	(NA)
Pig iron and ferroalloys	Mil. metric tons	542	507	496	503	504	570	543	505	(NA)
Tin [3]	1,000 metric tons	231	196	191	194	210	242	237	214	(NA)
Crude steel	Mil. metric tons	699	685	671	682	685	777	762	687	(NA)
Cement	Mil. metric tons	872	949	997	1,045	1,109	1,144	1,152	1,135	(NA)
Non-cellulosic fibers [3]	Mil. metric tons	10.0	11.5	11.7	12.4	13.2	13.3	11.6	12.4	(NA)
Sawnwood	Mil. cubic meters	451	468	485	506	508	508	506	458	(NA)
Woodpulp	Mil. metric tons	125.8	135.5	140.9	146.5	151.4	155.6	154.1	154.7	(NA)
Newsprint	Mil. metric tons	25.4	28.2	29.2	30.4	31.8	32.0	32.8	32.4	(NA)
Merchant vessels, launched [3]	Mil. gross tons	13.9	17.3	14.9	9.6	11.8	12.7	14.7	16.7	(NA)
Motor vehicles	Millions	38.9	44.8	45.3	45.9	48.1	48.9	48.1	46.4	(NA)
External trade:										
Imports, c.i.f	Bil. U.S. dollars	2,047	2,028	2,198	2,544	2,908	3,154	3,563	3,514	(NA)
Exports, f.o.b	Bil. U.S. dollars	1,998	1,927	2,121	2,465	2,814	3,037	3,432	3,409	(NA)
Transport:										
Civil aviation, kilometers flown [4]	Millions	9,362	10,565	11,455	12,208	13,026	13,564	14,339	14,167	(NA)
Merchant shipping, freight [5]	Mil. metric tons	3,676	3,362	3,459	3,506	3,692	3,891	(NA)	(NA)	(NA)

NA Not available. [1] Source: U.S. Department of Agriculture, Economic Research Service, *World Agriculture-Trends and Indicators.* [2] Source: U.S. Energy Information Administration, *International Energy Annual* and *Annual Energy Review.* [3] Excludes China: Mainland. Tin and merchant vessels exclude Soviet Republics. For other exclusions, see source. [4] Scheduled services of members of International Civil Aviation Organization. Excludes Soviet Republics. [5] Freight loaded.

Source: Except as noted, Statistical Division of the United Nations, New York, NY, *Monthly Bulletin of Statistics,* (copyright).

No. 1350. U.S. Population Abroad, by Country: 1993

[**In thousands.** As of **October 15, 1992.** Data taken from the annual noncombatant personnel evacuation requirements report, which is used solely to estimate the number of potential U.S. citizen evacuees from a given country in a crisis]

AREA	Resident U.S. citizens [1]	U.S. tourists	AREA	Resident U.S. citizens [1]	U.S. tourists
Argentina	13	11	Italy	104	105
Australia	62	56	Jerusalem	43	20
Canada	296	495	Mexico	539	1,088
Costa Rica	23	21	Netherlands	19	11
Dominican Republic	97	36	Panama	36	2
Egypt	17	11	Portugal	26	28
France	59	89	Saudi Arabia	40	6
Germany	354	1,060	South Korea	30	2
Greece	32	60	Spain	79	155
Hong Kong	24	23	Switzerland	27	29
Ireland	46	86	United Kingdom	255	377
Israel	112	61	Venezuela	24	2

[1] Totals represent broad estimates and may include some non-U.S. citizens, as well as dual nationals.

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

No. 1351. Population, by Country: 1980 to 2000

[Population data generally are de facto figures for the present territory. Population estimates were derived from information available as of early 1994. See text, section 31, for general comments concerning the data. For details of methodology, coverage, and reliability, see source. Minus sign (-) indicates decrease]

COUNTRY OR AREA	Map reference	MIDYEAR POPULATION (1,000)				Population rank, 1994	ANNUAL RATE OF GROWTH [1] (percent)		Population per sq. mile, 1994
		1980	1990	1994	2000, proj.		1980-1990	1990-2000	
World	**S0**	**4,456,531**	**5,294,294**	**5,643,290**	**6,165,079**	**(X)**	**1.7**	**1.5**	**112**
Afghanistan	S5	14,985	15,332	16,903	25,725	54	0.2	5.2	68
Albania	S3	2,673	3,249	3,374	3,610	125	2.0	1.1	319
Algeria	S4	18,862	25,352	27,895	31,743	37	3.0	2.2	30
Andorra	S3	34	53	64	73	202	4.5	3.3	367
Angola	S4	6,794	8,430	9,804	11,513	75	2.2	3.1	20
Antigua and Barbuda	S1	69	64	65	68	201	-0.7	0.7	381
Argentina	S2	28,237	32,386	33,913	36,202	31	1.4	1.1	32
Armenia	S5	3,115	3,363	3,522	3,685	123	0.8	0.9	306
Aruba	S1	60	64	66	68	200	0.6	0.6	880
Australia	S6	14,616	17,071	18,077	19,386	50	1.6	1.3	6
Austria	S3	7,549	7,718	7,955	8,108	85	0.2	0.5	249
Azerbaijan	S5	6,173	7,216	7,684	8,243	88	1.6	1.3	230
Bahamas, The	S1	210	255	273	298	174	2.0	1.5	70
Bahrain	S4	348	518	586	687	160	4.0	2.8	2,451
Bangladesh	S5	88,077	114,023	125,149	143,548	8	2.6	2.3	2,421
Barbados	S1	252	254	256	260	176	0.1	0.2	1,541
Belarus	S3	9,644	10,248	10,405	10,576	69	0.6	0.3	130
Belgium	S3	9,847	9,962	10,063	10,144	74	0.1	0.2	862
Belize	S1	144	190	209	242	180	2.7	2.4	24
Benin	S4	3,444	4,676	5,342	6,517	100	3.1	3.3	125
Bhutan	S5	1,281	1,585	1,739	1,996	142	2.1	2.3	96
Bolivia	S2	5,470	7,029	7,719	8,801	87	2.5	2.2	18
Bosnia and Herzegovina	S3	4,092	4,517	4,651	4,828	110	1.0	0.7	236
Botswana	S4	903	1,224	1,359	1,554	147	3.0	2.4	6
Brazil	S2	122,830	150,062	158,739	169,543	5	2.0	1.2	49
Brunei	S6	185	254	285	331	173	3.2	2.6	140
Bulgaria	S3	8,844	8,966	8,800	8,742	80	0.1	-0.3	206
Burkina	S4	6,939	9,042	10,135	11,871	72	2.6	2.7	96
Burma	S5	33,578	41,044	44,277	49,300	25	2.0	1.8	174
Burundi	S4	4,138	5,558	6,125	6,939	93	3.0	2.2	618
Cambodia	S5	6,499	8,731	10,265	12,098	71	3.0	3.3	151
Cameroon	S4	8,756	11,697	13,132	15,677	60	2.9	2.9	72
Canada	S1	24,070	26,620	28,114	29,867	35	1.0	1.2	8
Cape Verde	S1	296	375	423	503	165	2.4	2.9	272
Central African Republic	S4	2,269	2,866	3,142	3,511	128	2.3	2.0	13
Chad	S4	4,024	5,024	5,467	6,221	98	2.2	2.1	11
Chile	S2	11,094	13,108	13,951	15,207	58	1.7	1.5	48
China: Mainland	S5	984,736	1,136,626	1,190,431	1,260,154	1	1.4	1.0	331
Taiwan	S5	17,848	20,436	21,299	22,448	42	1.4	0.9	1,710
Colombia	S2	26,580	32,983	35,578	39,172	30	2.2	1.7	89
Comoros	S4	334	460	530	656	161	3.2	3.5	633
Congo	S4	1,620	2,215	2,447	2,784	135	3.1	2.3	19
Costa Rica	S2	2,307	3,031	3,342	3,797	126	2.7	2.3	171
Cote d'Ivoire	S4	8,418	12,399	14,296	17,371	57	3.9	3.4	116
Croatia	S3	4,593	4,686	4,698	4,717	109	0.2	0.1	215
Cuba	S1	9,653	10,622	11,064	11,617	62	1.0	0.9	258
Cyprus	S5	627	702	730	768	156	1.1	0.9	205
Czech Republic	S3	10,289	10,363	10,408	10,607	68	0.1	0.2	215
Denmark	S3	5,123	5,141	5,188	5,255	103	(Z)	0.2	317
Djibouti	S4	279	370	413	454	167	2.8	2.0	49
Dominica	S1	75	83	88	95	195	1.0	1.3	302
Dominican Republic	S1	5,847	7,249	7,826	8,644	86	2.2	1.8	419
Ecuador	S2	8,123	9,806	10,677	11,945	65	1.9	2.0	100
Egypt	S4	42,333	55,883	60,765	67,957	17	2.8	2.0	158
El Salvador	S1	4,655	5,303	5,753	6,459	95	1.3	2.0	719
Equatorial Guinea	S4	256	369	410	478	168	3.7	2.6	38
Eritrea [2]	S4	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Estonia	S3	1,482	1,583	1,617	1,670	144	0.7	0.5	93
Ethiopia [2]	S4	38,967	51,507	58,710	70,340	19	2.8	3.1	138
Fiji	S6	635	738	764	823	154	1.5	1.1	108
Finland	S3	4,780	4,986	5,069	5,153	104	0.4	0.3	43
France	S3	53,870	56,720	57,840	59,354	22	0.5	0.5	275
Gabon	S4	808	1,078	1,139	1,244	149	2.9	1.4	11
Gambia, The	S4	644	848	959	1,154	152	2.8	3.1	248
Georgia	S5	5,048	5,484	5,681	5,925	96	0.8	0.8	211
Germany	S3	78,298	79,357	81,088	82,239	12	0.1	0.4	600
Ghana	S4	10,777	15,195	17,225	20,608	53	3.4	3.0	194
Greece	S3	9,643	10,123	10,565	10,878	66	0.5	0.7	209
Grenada	S2	90	94	94	98	193	0.4	0.4	719
Guatemala	S1	7,232	9,633	10,721	12,408	64	2.9	2.5	256
Guinea	S4	4,320	5,930	6,392	7,372	92	3.2	2.2	67
Guinea-Bissau	S4	789	998	1,098	1,263	151	2.3	2.4	102
Guyana	S2	759	748	729	710	157	-0.2	-0.5	10
Haiti	S1	5,473	6,052	6,491	7,102	91	1.0	1.6	610
Honduras	S1	3,625	4,741	5,315	6,192	101	2.7	2.7	123
Hungary	S3	10,711	10,365	10,319	10,372	70	-0.3	(Z)	289
Iceland	S1	228	255	264	277	175	1.1	0.8	7
India	S5	692,394	852,656	919,903	1,018,105	2	2.1	1.8	801

See footnotes at end of table.

No. 1351. Population, by Country: 1980 to 2000—Continued

[See headnote, page 850]

COUNTRY OR AREA	Map reference	MIDYEAR POPULATION (1,000)				Population rank, 1994	ANNUAL RATE OF GROWTH [1] (percent)		Population per sq. mile, 1994
		1980	1990	1994	2000, proj.		1980-1990	1990-2000	
Indonesia	S6	154,936	187,728	200,410	219,496	4	1.9	1.6	284
Iran	S5	38,810	57,005	65,615	78,350	15	3.8	3.2	104
Iraq	S5	13,233	18,425	19,890	24,731	45	3.3	2.9	119
Ireland	S3	3,401	3,508	3,539	3,627	122	0.3	0.3	133
Israel	S4	3,737	4,303	5,051	5,507	106	1.4	2.5	643
Italy	S3	56,451	57,661	58,138	58,865	20	0.2	0.2	512
Jamaica	S1	2,229	2,466	2,555	2,746	134	1.0	1.1	611
Japan	S5	116,807	123,540	125,107	127,554	9	0.6	0.3	821
Jordan	S4	2,165	3,305	3,961	4,814	118	4.2	3.8	112
Kazakhstan	S5	14,994	16,749	17,268	17,886	52	1.1	0.7	16
Kenya	S4	16,681	24,229	28,241	32,479	34	3.7	2.9	128
Kiribati	S6	58	72	78	87	197	2.1	1.9	281
Kuwait	S5	1,370	2,117	1,819	2,494	141	4.4	1.6	264
Kyrgyzstan	S5	3,623	4,392	4,698	5,119	108	1.9	1.5	61
Laos	S5	3,293	4,191	4,702	5,557	107	2.4	2.8	53
Latvia	S3	2,525	2,693	2,749	2,833	132	0.6	0.5	110
Lebanon	S4	3,137	3,367	3,620	4,115	121	0.7	2.0	917
Lesotho	S4	1,347	1,755	1,944	2,242	140	2.6	2.4	166
Liberia	S4	1,900	2,311	2,973	3,620	129	2.0	4.5	80
Libya	S4	3,119	4,355	5,057	6,294	105	3.3	3.7	7
Liechtenstein	S3	25	29	30	32	214	1.3	1.2	487
Lithuania	S5	3,436	3,727	3,848	4,007	119	0.8	0.7	153
Luxembourg	S3	364	382	402	415	169	0.5	0.8	403
Madagascar	S4	8,700	11,811	13,428	16,232	59	3.1	3.2	60
Malawi	S4	6,128	9,289	9,732	11,045	76	4.2	1.7	268
Malaysia	S6	13,764	17,556	19,283	21,953	46	2.4	2.2	152
Maldives	S5	154	218	252	310	177	3.5	3.5	2,176
Mali	S4	6,728	8,234	9,113	10,911	78	2.0	2.8	19
Malta	S4	364	354	367	382	172	−0.3	0.8	2,959
Mauritania	S4	1,456	1,935	2,193	2,653	138	2.8	3.2	6
Mauritius	S4	964	1,074	1,117	1,194	150	1.1	1.1	1,565
Mexico	S1	68,686	85,121	92,202	102,912	11	2.1	1.9	124
Moldova	S5	3,996	4,389	4,473	4,565	112	0.9	0.4	344
Monaco	S3	27	30	31	32	213	1.2	0.7	40,505
Mongolia	S5	1,662	2,186	2,430	2,826	136	2.7	2.6	4
Morocco	S4	20,457	26,164	28,559	32,189	33	2.5	2.1	166
Mozambique	S4	12,103	14,438	17,346	20,868	51	1.8	3.7	57
Namibia	S4	967	1,387	1,596	1,957	145	3.6	3.4	5
Nauru	S6	8	9	10	11	222	2.0	1.3	1,236
Nepal	S5	15,001	19,104	21,042	24,364	43	2.4	2.4	398
Netherlands	S3	14,144	14,952	15,368	15,801	55	0.6	0.6	1,173
New Zealand	S6	3,113	3,300	3,389	3,476	124	0.6	0.5	33
Nicaragua	S2	2,776	3,617	4,097	4,759	116	2.6	2.7	88
Niger	S4	5,661	7,868	8,972	10,985	79	3.3	3.3	18
Nigeria	S4	65,699	86,551	98,091	118,620	10	2.8	3.2	279
North Korea	S5	17,999	21,412	23,067	25,491	40	1.7	1.7	496
Norway	S3	4,086	4,242	4,315	4,387	113	0.4	0.3	36
Oman	S5	984	1,481	1,701	2,098	143	4.1	3.5	21
Pakistan	S5	85,219	114,842	128,856	148,540	7	3.0	2.6	429
Panama	S2	1,956	2,427	2,630	2,934	133	2.2	1.9	90
Papua New Guinea	S6	2,991	3,823	4,197	4,812	115	2.5	2.3	24
Paraguay	S2	3,379	4,651	5,214	6,104	102	3.2	2.7	34
Peru	S2	17,295	21,879	23,651	26,258	38	2.4	1.8	48
Philippines	S6	50,864	64,405	69,809	77,747	14	2.4	1.9	606
Poland	S3	35,578	38,112	38,655	39,531	29	0.7	0.4	329
Portugal	S3	9,778	10,365	10,524	10,744	67	0.6	0.4	297
Qatar	S5	231	452	513	572	162	6.7	2.4	121
Romania	S5	22,201	23,191	23,181	23,383	39	0.4	0.1	261
Russia	S5	139,045	148,124	149,609	151,460	6	0.6	0.2	23
Rwanda	S4	5,170	7,415	8,374	9,715	84	3.6	2.7	869
St. Kitts and Nevis	S1	44	40	41	43	210	−1.0	0.8	293
St. Lucia	S1	122	142	145	151	186	1.5	0.6	615
St. Vincent and the Grenadines	S1	98	112	115	122	190	1.4	0.8	882
San Marino	S3	21	23	24	25	215	0.8	0.9	1,040
Sao Tome and Principe	S4	94	123	137	159	188	2.7	2.6	369
Saudi Arabia	S4	10,139	16,271	18,197	22,070	48	4.7	3.0	22
Senegal	S4	5,731	7,715	8,731	10,533	82	3.0	3.1	118
Seychelles	S4	65	70	72	75	198	0.6	0.8	410
Sierra Leone	S4	3,315	4,230	4,630	5,421	111	2.4	2.5	167
Singapore	S6	2,414	2,720	2,859	3,025	130	1.2	1.1	11,867
Slovakia	S3	4,966	5,298	5,404	5,585	99	0.6	0.5	112
Slovenia	S3	1,885	1,954	1,972	1,998	139	0.4	0.2	252
Solomon Islands	S6	233	336	386	470	171	3.7	3.4	36
Somalia	S4	5,799	6,753	6,667	9,176	90	1.5	3.1	28
South Africa	S4	30,270	39,535	43,931	51,334	26	2.7	2.6	93
South Korea	S5	38,124	43,237	45,083	47,861	24	1.3	1.0	1,189
Spain	S3	37,488	38,964	39,303	39,972	28	0.4	0.3	204
Sri Lanka	S5	14,900	17,227	18,130	19,377	49	1.5	1.2	725
Sudan	S4	19,064	26,542	29,420	35,236	32	3.3	2.8	32
Suriname	S2	355	398	423	465	166	1.2	1.6	7

See footnotes at end of table.

No. 1351. Population, by Country: 1980 to 2000—Continued

[See headnote, page 850]

COUNTRY OR AREA	Map reference	MIDYEAR POPULATION (1,000)				Population rank, 1994	ANNUAL RATE OF GROWTH [1] (percent)		Population per sq. mile, 1994
		1980	1990	1994	2000, proj.		1980-1990	1990-2000	
Swaziland	S4	607	853	936	1,137	153	3.4	2.9	141
Sweden	S3	8,310	8,559	8,778	8,994	81	0.3	0.5	55
Switzerland	S3	6,385	6,779	7,040	7,268	89	0.6	0.7	458
Syria	S4	8,692	12,762	14,887	18,519	56	3.8	3.7	209
Tajikistan	S5	3,969	5,346	5,995	6,956	94	3.0	2.6	109
Tanzania	S4	18,695	25,155	27,986	32,254	36	3.0	2.5	82
Thailand	S5	47,026	56,220	59,510	63,620	18	1.8	1.2	301
Togo	S4	2,596	3,680	4,255	5,263	114	3.5	3.6	203
Tonga	S0	93	101	105	110	191	0.9	0.8	378
Trinidad and Tobago	S2	1,091	1,271	1,328	1,420	148	1.5	1.1	670
Tunisia	S4	6,452	8,084	8,727	9,599	83	2.3	1.7	145
Turkey	S5	45,121	57,130	62,154	69,624	16	2.4	2.0	209
Turkmenistan	S5	2,875	3,660	3,995	4,474	117	2.4	2.0	21
Tuvalu	S6	7	9	10	11	223	2.0	1.6	979
Uganda	S4	12,252	16,927	19,122	21,358	47	3.2	2.3	248
Ukraine	S5	50,047	51,674	51,847	51,931	23	0.3	(Z)	222
United Arab Emirates	S5	1,000	2,252	2,791	3,582	131	8.1	4.6	86
United Kingdom	S3	56,314	57,418	58,135	58,951	21	0.2	0.3	623
United States	S1	227,726	249,924	260,714	275,327	3	0.9	1.0	74
Uruguay	S2	2,920	3,106	3,199	3,344	127	0.6	0.7	48
Uzbekistan	S5	16,000	20,615	22,609	25,467	41	2.5	2.1	131
Vanuatu	S6	117	154	170	193	184	2.8	2.2	30
Venezuela	S2	14,452	18,776	20,562	23,196	44	2.6	2.1	60
Vietnam	S5	54,234	67,718	73,104	80,533	13	2.2	1.7	582
Western Samoa	S0	155	186	204	235	181	1.8	2.3	186
Yemen	S5	7,324	9,746	11,105	13,603	61	2.9	3.3	54
Zaire	S4	27,954	37,903	42,684	51,413	27	3.0	3.0	49
Zambia	S4	5,638	8,233	9,186	10,625	77	3.8	2.6	32
Zimbabwe	S4	7,296	10,187	10,975	12,013	63	3.3	1.6	74
AREAS OF SPECIAL SOVEREIGNTY AND DEPENDENCIES									
American Samoa	S0	32	47	55	69	206	3.8	3.8	719
Anguilla	S1	7	7	7	7	224	0.5	0.7	201
Bermuda	S1	55	59	61	64	204	0.8	0.8	3,233
British Virgin Islands	S1	11	12	13	14	220	1.1	1.3	222
Cayman Islands	S1	17	27	32	41	211	4.4	4.3	317
Cook Islands	S0	18	18	19	20	216	0.1	1.1	206
Faroe Islands	S3	43	47	48	51	209	0.9	0.7	90
Federated States of Micronesia	S6	77	109	120	133	189	3.4	2.0	444
French Guiana	S2	68	116	139	173	187	5.4	4.0	4
French Polynesia	S0	151	196	215	245	178	2.6	2.2	152
Gaza Strip	S4	454	633	731	898	155	3.3	3.5	4,971
Gibraltar	S3	29	31	32	33	212	0.6	0.5	13,677
Greenland	S1	50	56	57	60	205	1.0	0.8	(Z)
Guadeloupe	S1	327	399	429	460	164	2.0	1.4	631
Guam	S6	107	134	150	171	185	2.3	2.4	716
Guernsey	S3	53	61	64	67	203	1.4	1.0	851
Hong Kong	S5	5,063	5,558	5,549	5,587	97	0.9	0.1	14,531
Isle of Man	S3	64	69	72	76	199	0.7	1.0	317
Jersey	S3	76	84	86	89	196	1.0	0.7	1,905
Macau	S6	318	456	485	516	163	3.6	1.2	78,438
Macedonia [3]	S3	1,893	2,132	2,214	2,324	137	1.2	0.9	223
Marshall Islands	S6	31	46	54	68	207	4.1	3.9	773
Martinique	S1	339	374	392	419	170	1.0	1.2	960
Mayotte	S4	52	80	93	117	194	4.3	3.8	644
Montenegro [3]	S5	579	645	667	696	158	1.1	0.8	125
Montserrat	S1	12	13	13	13	221	0.6	0.3	329
Netherlands Antilles	S2	170	183	186	193	182	0.8	0.5	501
New Caledonia	S6	139	168	181	200	183	1.9	1.7	25
Northern Mariana Islands	S6	17	44	50	57	208	9.7	2.6	270
Puerto Rico	S1	3,206	3,604	3,802	3,838	120	1.2	0.6	1,099
Reunion	S4	507	600	653	730	159	1.7	2.0	677
St. Helena	S4	6	7	7	7	225	0.3	0.3	43
St. Pierre and Miquelon	S1	6	6	7	7	226	0.8	0.8	72
Serbia [3]	S3	9,262	9,883	10,093	10,425	73	0.6	0.5	296
Trust Ter. of the Pac. Isl. (Palau)	S6	13	15	16	18	217	1.3	1.7	93
Turks and Caicos Islands	S1	7	12	14	15	219	4.5	2.7	82
Virgin Islands	S1	98	101	98	99	192	0.4	−0.2	722
Wallis and Futuna	S6	11	14	14	15	218	2.4	1.1	136
West Bank	S4	916	1,275	1,444	1,661	146	3.3	2.6	663
Western Sahara	S4	126	191	212	245	179	4.2	2.5	2

NA Not available. X Not applicable. Z Less than .05 percent or one person per square mile. [1] Computed by the exponential method. For explanation of average annual percent change, see Guide to Tabular Presentation. [2] Eritrea included in Ethiopia totals. [3] The U.S. view is that the Socialist Federal Republic of Yugoslavia has dissolved and no successor state represents its continuation. Macedonia has proclaimed independent statehood, but has not been recognized as a state by the United States. Serbia and Montenegro have asserted the formation of a joint independent state, but this entity has not been recognized by the United States.

Source: U.S. Bureau of the Census, *World Population Profile: 1994.*

No. 1352. Age Distribution, by Country: 1994 and 2000

[In percent. Covers countries with 10 million or more population in 1993]

COUNTRY OR AREA	1994				2000, proj.			
	Under 5 years old	5 to 14 years old	15 to 64 years old	65 years old and over	Under 5 years old	5 to 14 years old	15 to 64 years old	65 years old and over
World	**11.3**	**20.5**	**61.9**	**6.3**	**10.5**	**20.0**	**62.7**	**6.8**
Afghanistan	16.8	26.1	54.4	2.7	16.5	26.3	54.5	2.7
Algeria	13.9	27.3	55.1	3.7	12.5	23.9	59.6	3.9
Argentina	9.4	19.0	62.0	9.6	9.1	17.6	63.3	10.0
Australia	7.2	14.5	66.6	11.7	6.8	14.2	67.0	12.0
Bangladesh	14.7	26.1	56.2	3.0	14.1	23.8	59.1	3.1
Belarus	6.7	15.5	65.2	12.6	6.2	14.0	65.4	14.5
Belgium	6.0	11.9	66.3	15.8	5.4	11.8	65.6	17.2
Brazil	10.0	21.8	63.7	4.5	9.3	19.2	66.4	5.2
Burma	12.9	23.4	59.4	4.3	12.1	22.2	61.1	4.6
Cameroon	17.2	27.2	52.2	3.4	17.1	26.5	52.9	3.4
Canada	7.2	13.6	67.1	12.1	6.4	13.6	67.2	12.8
Chile	10.1	19.2	64.2	6.5	9.3	18.3	65.1	7.3
China: Mainland	8.9	17.8	67.3	6.0	7.7	17.3	68.2	6.8
Taiwan	7.9	16.8	68.0	7.3	7.2	14.6	69.8	8.4
Colombia	11.2	21.5	63.0	4.3	9.6	20.3	65.2	5.0
Cote d'Ivoire	19.3	28.2	50.5	2.1	18.7	29.2	49.9	2.3
Cuba	8.4	14.2	68.2	9.2	7.1	15.6	67.4	9.9
Czech Republic	6.3	13.2	67.5	12.9	6.7	12.4	67.4	13.4
Ecuador	12.4	24.1	59.2	4.2	10.9	22.0	62.5	4.5
Egypt	13.0	25.8	57.7	3.4	12.0	22.8	61.6	3.7
Ethiopia	18.5	27.2	51.5	2.8	17.9	27.9	51.4	2.8
France	6.6	12.6	65.4	15.4	6.2	12.8	64.5	16.4
Germany	5.5	10.9	68.2	15.4	5.2	11.1	67.2	16.5
Ghana	18.8	26.5	51.7	3.0	17.7	28.4	50.9	3.0
Greece	5.2	12.5	67.3	15.0	5.3	10.8	66.8	17.1
Guatemala	16.2	27.3	53.1	3.4	14.6	26.6	55.2	3.7
Hungary	6.0	12.4	67.6	14.0	6.4	11.9	66.8	14.9
India	12.8	22.6	60.7	3.9	11.5	21.8	62.3	4.4
Indonesia	11.2	21.9	63.5	3.4	10.5	19.7	65.6	4.3
Iran	18.5	28.2	49.7	3.6	17.5	28.3	50.3	3.9
Iraq	19.2	28.7	49.0	3.1	18.2	28.8	50.2	2.9
Italy	5.1	10.3	68.6	15.9	5.4	10.1	67.0	17.5
Japan	5.0	11.6	69.7	13.7	5.5	10.2	67.8	16.5
Kazakhstan	9.9	20.7	62.6	6.8	8.8	19.2	64.6	7.3
Kenya	18.5	29.7	49.5	2.3	16.9	29.3	51.4	2.4
Madagascar	19.0	27.9	50.0	3.2	18.3	28.3	50.4	3.0
Malaysia	13.5	23.2	59.5	3.8	12.4	23.0	60.6	4.0
Mexico	13.0	24.3	58.5	4.2	11.9	22.8	60.5	4.8
Morocco	13.4	25.4	57.1	4.2	12.1	23.3	60.1	4.6
Mozambique	18.1	26.9	52.5	2.5	17.4	27.4	52.6	2.6
Nepal	16.1	26.7	54.4	2.8	15.5	25.7	55.7	3.0
Netherlands	6.4	11.9	68.4	13.3	5.8	12.3	67.8	14.1
Nigeria	18.1	26.9	52.2	2.9	17.8	26.9	52.3	2.9
North Korea	11.1	18.4	66.4	4.0	10.2	19.2	65.9	4.7
Pakistan	17.5	26.5	52.1	3.9	16.8	26.9	52.5	3.9
Peru	12.0	23.7	60.3	4.0	10.8	21.3	63.4	4.5
Philippines	12.9	24.4	59.0	3.7	11.6	22.5	61.8	4.0
Poland	6.8	16.6	65.6	10.9	6.5	13.9	67.3	12.3
Portugal	5.7	13.1	67.3	14.0	5.8	11.5	67.7	15.1
Romania	6.7	15.0	66.6	11.6	6.6	13.8	65.9	13.6
Russia	6.5	15.8	66.1	11.6	6.1	14.0	67.2	12.6
Saudi Arabia	16.7	24.1	57.0	2.2	16.5	25.7	55.1	2.8
Serbia [1]	7.0	14.9	66.6	11.4	6.9	13.8	65.4	14.0
South Africa	15.1	24.7	56.2	4.0	14.7	24.7	56.5	4.1
South Korea	7.5	16.9	70.4	5.3	7.3	14.4	71.8	6.5
Spain	5.2	12.1	68.0	14.7	5.7	10.5	67.4	16.4
Sri Lanka	9.2	20.4	64.6	5.8	8.3	17.3	67.8	6.6
Sudan	18.2	28.1	51.5	2.2	16.9	27.7	53.1	2.3
Syria	19.3	29.1	48.8	2.8	18.4	29.1	49.7	2.8
Tanzania	18.5	28.3	50.4	2.8	18.1	28.6	50.5	2.8
Thailand	9.6	19.9	65.8	4.7	8.4	17.8	68.0	5.7
Turkey	12.3	22.8	59.9	5.1	11.0	21.5	61.8	5.8
Uganda	19.7	29.3	48.8	2.2	18.6	31.1	48.1	2.3
Ukraine	6.2	14.5	65.5	13.8	6.0	13.1	66.4	14.5
United Kingdom	6.8	12.8	64.6	15.8	6.2	13.2	64.7	15.9
United States	7.6	14.4	65.3	12.7	6.9	14.5	65.9	12.7
Uzbekistan	14.4	25.8	55.2	4.6	12.7	25.1	57.4	4.9
Venezuela	12.5	23.5	59.9	4.2	11.2	21.7	62.4	4.7
Vietnam	13.0	23.9	58.2	4.9	11.2	22.7	60.9	5.2
Yemen	20.3	29.0	48.2	2.6	20.0	29.5	47.9	2.6
Zaire	19.3	28.3	49.7	2.7	19.2	29.0	49.3	2.6
Zimbabwe	16.9	30.2	50.2	2.7	15.0	29.2	53.0	2.7

[1] The U.S. view is that the Socialist Federal Republic of Yugoslavia has dissolved and no successor state represents its continuation. Serbia and Montenegro have asserted the formation of a joint independent state, but this entity has not been recognized by the United States.

Source: U.S. Bureau of the Census. International Data Base.

No. 1353. Vital Statistics, by Country: 1994 and 2000

[Covers countries with 5 million or more population in 1994]

COUNTRY OR AREA	CRUDE BIRTH RATE [1]		CRUDE DEATH RATE [2]		EXPECTATION OF LIFE AT BIRTH (years)		INFANT MORTALITY RATE [3]		TOTAL FERTILITY RATE [4]	
	1994	2000, proj.	1994	2000, proj.	1994	2000, proj.	1994	2000, proj.	1994	2000, proj.
United States	**15.2**	**14.1**	**8.7**	**8.8**	**75.9**	**76.4**	**8.1**	**6.6**	**2.06**	**2.07**
Afghanistan	43.5	41.6	18.9	16.6	44.9	47.8	155.8	137.5	6.27	5.87
Algeria	29.7	26.5	6.2	5.4	67.7	69.6	52.1	42.2	3.83	3.16
Angola	45.4	42.6	18.6	15.9	45.8	48.9	145.4	125.9	6.48	6.05
Argentina	19.6	19.1	8.6	8.6	71.4	72.3	29.4	26.1	2.68	2.50
Australia	14.3	13.2	7.4	7.4	77.6	78.7	7.3	6.4	1.83	1.80
Austria	11.4	10.1	10.3	10.0	76.7	78.0	7.1	6.2	1.48	1.50
Azerbaijan	23.0	18.5	6.6	6.5	70.9	72.5	34.8	28.7	2.70	2.39
Bangladesh	35.0	32.5	11.7	10.3	55.1	57.5	106.9	93.0	4.47	4.00
Belarus	13.1	12.6	11.2	11.3	70.9	72.2	18.9	16.4	1.88	1.83
Belgium	11.7	10.4	10.3	10.2	77.0	78.2	7.2	6.3	1.62	1.60
Benin	47.7	44.9	14.4	12.0	51.8	54.6	110.1	95.3	6.79	6.32
Bolivia	32.2	28.8	8.4	7.1	63.3	66.3	73.7	57.2	4.21	3.63
Brazil	21.5	19.2	8.6	10.1	62.3	60.9	59.5	47.8	2.44	2.14
Bulgaria	11.7	11.7	11.4	10.9	73.2	75.5	12.0	9.4	1.71	1.70
Burkina	48.4	45.6	18.2	20.3	47.0	41.6	118.3	112.8	6.94	6.48
Burma	28.5	25.9	9.8	8.7	60.0	62.8	63.7	52.4	3.64	3.29
Burundi	44.0	40.9	21.4	21.3	40.3	39.1	113.7	102.2	6.69	6.25
Cambodia	45.1	41.0	16.4	14.3	49.3	51.5	110.6	100.5	5.81	5.81
Cameroon	40.5	40.1	11.4	10.2	57.1	59.4	77.1	67.5	5.84	5.61
Canada	14.1	12.3	7.4	7.7	78.1	79.1	6.9	6.2	1.84	1.80
Chad	42.1	39.7	20.6	18.4	40.8	43.3	131.8	118.6	5.93	5.05
Chile	20.6	19.0	5.5	5.3	74.5	76.4	15.1	11.4	2.50	2.43
China, Mainland	18.1	15.0	7.4	7.0	67.9	70.2	52.1	38.7	1.84	1.80
Taiwan	15.6	14.5	5.6	6.1	75.3	76.4	5.7	5.3	1.81	1.80
Colombia	22.6	19.0	4.8	4.6	72.1	74.2	28.3	21.3	2.47	2.17
Cote d'Ivoire	46.5	43.9	15.0	14.7	48.9	48.5	95.0	83.8	6.67	6.21
Cuba	16.6	13.6	6.5	6.7	76.9	77.8	10.3	9.2	1.83	1.80
Czech Republic	13.2	13.6	11.1	9.9	73.1	75.4	9.3	7.5	1.84	1.80
Denmark	12.5	11.7	11.3	10.7	75.8	77.4	6.9	6.1	1.68	1.70
Dominican Republic	24.9	21.1	6.2	5.6	68.4	70.4	51.5	40.8	2.80	2.42
Ecuador	25.8	22.5	5.7	5.2	70.0	72.0	39.3	31.1	3.08	2.59
Egypt	28.7	26.3	8.9	8.0	60.8	62.7	76.4	65.7	3.77	3.24
El Salvador	32.8	29.5	6.4	5.5	67.0	69.7	40.9	30.9	3.78	3.30
Ethiopia	45.0	42.3	13.9	11.9	52.7	55.4	106.4	92.1	6.81	6.36
Finland	12.4	11.4	9.8	9.7	75.9	77.5	5.3	4.9	1.79	1.80
France	13.1	12.3	9.3	9.3	78.2	79.2	6.6	5.9	1.80	1.80
Georgia	16.1	14.4	8.7	8.9	72.8	74.5	23.4	18.6	2.18	2.05
Germany	11.0	9.8	10.9	10.5	76.3	77.8	6.5	5.7	1.47	1.53
Ghana	44.1	40.5	12.3	10.8	55.5	57.5	83.1	74.8	6.15	5.76
Greece	10.5	10.6	9.3	9.5	77.7	78.8	8.6	7.3	1.45	1.50
Guatemala	35.4	31.2	7.5	6.5	64.4	66.9	53.9	44.6	4.76	4.00
Guinea	44.1	39.9	19.6	16.9	44.1	47.0	139.2	123.7	5.85	5.46
Haiti	39.7	35.0	18.8	18.3	45.1	43.9	108.5	102.2	5.94	5.16
Honduras	35.0	30.3	6.2	5.2	67.6	70.0	45.3	35.4	4.71	3.83
Hong Kong	12.2	11.2	5.9	6.8	80.1	80.6	5.8	5.5	1.37	1.50
Hungary	12.5	12.9	12.7	11.4	71.4	74.1	12.5	9.7	1.83	1.80
India	28.5	24.7	10.3	9.1	58.6	61.4	78.4	65.8	3.48	3.04
Indonesia	24.5	22.5	8.6	8.1	60.7	63.4	67.3	55.4	2.80	2.53
Iran	42.4	39.3	7.8	6.2	65.7	69.0	60.2	45.9	6.33	5.88
Iraq	44.1	40.8	7.3	5.6	65.7	68.7	67.1	50.1	6.71	5.81
Israel	20.6	19.7	6.4	6.3	78.0	78.9	8.6	7.5	2.83	2.66
Italy	10.8	10.9	9.7	10.0	77.6	78.7	7.6	6.6	1.39	1.50
Japan	10.5	11.4	7.3	8.3	79.3	80.0	4.3	4.1	1.55	1.60
Kazakhstan	19.4	18.3	7.9	7.9	68.0	69.6	40.9	34.6	2.44	2.32
Kenya	42.4	37.5	11.7	15.2	53.2	46.4	74.1	72.3	5.91	4.97
Libya	45.3	42.6	8.1	6.9	63.9	66.2	63.4	52.1	6.38	6.00
Madagascar	45.2	42.7	13.4	11.3	54.0	56.7	89.0	77.1	6.68	6.25
Malawi	50.4	46.9	23.2	25.7	39.7	35.2	141.1	134.2	7.43	6.94
Malaysia	28.5	25.6	5.7	5.2	69.2	71.0	25.6	20.9	3.51	3.31
Mali	51.8	49.3	20.4	17.5	45.9	48.8	106.2	95.6	7.33	6.91
Mexico	27.2	24.3	4.7	4.4	72.9	75.0	27.4	20.7	3.17	2.79
Morocco	28.6	25.0	6.3	5.1	68.2	71.8	49.6	32.9	3.83	3.13
Mozambique	45.0	42.1	16.3	14.1	48.5	51.3	128.7	112.8	6.25	5.84
Nepal	37.6	35.6	13.3	11.2	52.5	55.9	83.5	70.1	5.24	4.68
Netherlands	12.6	10.9	8.5	8.6	77.8	78.8	6.1	5.5	1.58	1.50
Niger	55.0	51.7	21.3	18.1	44.6	47.5	111.0	100.3	7.35	7.00
Nigeria	43.5	41.6	12.4	10.1	55.3	59.1	75.0	61.4	6.37	5.95
North Korea	23.8	19.9	5.5	5.4	69.8	71.5	27.7	22.2	2.37	2.21
Pakistan	42.2	39.7	12.4	10.8	57.4	59.7	101.9	90.3	6.43	5.94
Paraguay	32.0	29.1	4.5	4.1	73.3	74.9	25.2	19.6	4.29	3.86
Peru	25.6	22.7	7.0	6.3	65.6	68.1	54.2	42.9	3.11	2.63
Philippines	27.3	24.4	6.9	6.6	65.4	66.9	50.8	44.4	3.35	2.88
Poland	13.4	13.2	9.4	8.7	72.7	75.0	13.1	10.0	1.94	1.80
Portugal	11.7	11.7	9.7	9.5	75.2	76.9	9.5	7.8	1.46	1.50
Romania	13.7	13.5	10.0	9.5	71.7	74.4	19.9	14.3	1.82	1.80
Russia	12.7	12.7	11.3	11.2	68.9	70.5	27.0	22.6	1.83	1.80
Rwanda	49.2	45.9	21.4	23.8	40.3	35.7	118.7	110.2	8.19	7.64
Saudi Arabia	38.3	36.9	5.8	4.9	67.9	71.1	52.1	36.3	6.67	6.43
Senegal	43.2	41.3	12.0	10.0	56.6	59.9	75.7	63.5	6.09	5.71
Serbia [5]	14.4	13.9	8.9	8.7	73.4	75.6	21.4	16.6	2.06	2.01

See footnotes at end of table.

No. 1353. Vital Statistics, by Country: 1994 and 2000—Continued

[See headnote, page 854]

COUNTRY OR AREA	CRUDE BIRTH RATE [1]		CRUDE DEATH RATE [2]		EXPECTATION OF LIFE AT BIRTH (years)		INFANT MORTALITY RATE [3]		TOTAL FERTILITY RATE [4]	
	1994	2000, proj.	1994	2000, proj.	1994	2000, proj.	1994	2000, proj.	1994	2000, proj.
Slovakia	14.6	14.1	9.3	8.5	72.8	75.1	10.4	8.4	1.96	1.80
Somalia	46.0	42.4	13.5	9.8	54.8	61.1	125.8	87.1	7.25	6.53
South Africa	33.6	32.3	7.5	6.9	65.1	67.0	47.1	39.8	4.37	4.23
South Korea	15.7	14.8	6.2	6.4	70.6	72.3	21.7	17.7	1.65	1.70
Spain	11.1	11.6	8.8	9.2	77.7	78.8	6.9	6.1	1.40	1.50
Sri Lanka	18.5	16.9	5.8	5.9	71.9	73.2	21.9	18.7	2.12	1.95
Sudan	42.0	38.8	12.1	10.3	54.3	56.8	79.5	69.2	6.09	5.47
Sweden	13.5	11.5	10.9	10.6	78.3	79.2	5.7	5.2	2.00	1.80
Switzerland	12.2	10.8	9.2	9.1	78.2	79.1	6.5	5.8	1.60	1.60
Syria	43.7	40.5	6.3	5.3	66.5	68.4	42.5	35.2	6.65	6.00
Tajikistan	34.8	30.4	6.7	6.0	68.8	70.5	62.0	52.1	4.62	4.10
Tanzania	45.5	43.6	19.4	22.4	43.3	38.4	109.7	104.3	6.20	5.85
Thailand	19.4	17.2	6.4	8.1	68.4	65.9	37.1	34.3	2.10	1.91
Tunisia	23.4	20.2	5.0	4.7	72.9	74.8	34.1	25.3	2.88	2.33
Turkey	26.0	22.8	5.8	5.1	70.9	73.8	48.8	33.3	3.21	2.78
Uganda	48.8	43.7	23.7	26.3	37.5	33.6	112.2	106.8	6.77	6.24
Ukraine	12.3	12.2	12.6	12.6	70.0	71.2	20.7	18.1	1.82	1.79
United Kingdom	13.4	11.9	10.8	10.3	76.8	78.1	7.2	6.3	1.83	1.80
Uzbekistan	30.0	26.8	6.5	6.0	68.6	70.1	53.2	45.1	3.73	3.37
Venezuela	25.7	22.9	4.6	4.5	73.0	74.4	27.7	22.6	3.05	2.68
Vietnam	27.1	22.9	7.8	7.0	65.4	67.1	45.5	39.9	3.33	2.80
Yemen	50.7	48.3	14.9	12.4	51.5	54.6	112.8	96.5	7.20	6.73
Zaire	48.4	46.1	16.7	15.5	47.4	48.4	110.9	97.9	6.70	6.39
Zambia	46.0	43.2	17.7	23.0	44.2	36.5	85.0	85.3	6.68	6.28
Zimbabwe	37.2	32.3	18.1	20.0	42.1	39.6	74.0	65.9	5.10	4.11

[1] Number of births during 1 year per 1,000 persons (based on midyear population). [2] Number of deaths during 1 year per 1,000 persons (based on midyear population). [3] Number of deaths of children under 1 year of age per 1,000 live births in a calendar year. [4] Average number of children that would be born 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. [5] The U.S. view is that the Socialist Federal Republic of Yugoslavia has dissolved and no successor state represents its continuation. Serbia and Montenegro have asserted the formation of a joint independent state, but this entity has not been recognized by the United States.

Source: U.S. Bureau of the Census, International Data Base.

No. 1354. Religious Population of the World: 1993

[**In thousands, except percent.** Refers to adherents of all religions as defined and enumerated for each of the world's countries in *World Encyclopedia (1982)*, projected to mid-1993, adjusted for recent data]

RELIGION	Total	Percent distribution	Africa	Asia	Latin America	Northern America	Europe	Eurasia [1]	Oceania
Total population	**5,575,954**	**100.0**	**703,090**	**3,291,718**	**474,996**	**281,986**	**501,881**	**294,681**	**27,602**
Christians	1,869,751	33.5	341,208	300,383	443,056	241,147	409,653	111,618	22,686
Roman Catholics	1,042,501	18.7	128,167	130,102	412,366	97,892	260,034	5,711	8,229
Protestants	382,374	6.9	91,070	85,764	17,550	97,176	73,206	10,071	7,537
Orthodox	173,560	3.1	29,771	3,847	1,793	6,062	35,777	95,733	577
Anglicans	75,847	1.4	28,013	744	1,322	7,404	32,629	1	5,734
Other Christians	195,470	3.5	64,187	79,926	10,025	32,614	8,007	102	609
Muslims	1,014,372	18.2	284,844	668,298	1,400	3,332	13,633	42,761	104
Nonreligious [2]	912,874	16.4	2,578	721,113	18,444	24,718	57,542	84,907	3,572
Hindus	751,360	13.5	1,569	746,512	916	1,285	707	2	369
Buddhists	334,002	6.0	22	332,143	561	565	273	412	26
Atheists	241,852	4.3	336	167,217	3,343	1,336	16,669	52,402	549
Chinese folk-religionists [3]	140,956	2.5	14	140,661	76	123	60	1	21
New-religionists [4]	123,765	2.2	22	121,693	550	1,439	50	1	10
Tribal religionists	99,736	1.8	70,000	28,654	971	41	1	-	69
Sikhs	19,853	0.4	28	19,318	8	257	232	1	9
Jews	18,153	0.3	359	6,264	1,132	6,850	1,475	1,973	100
Shamanists	10,854	0.2	1	10,591	1	1	2	257	1
Confucians	6,238	0.1	1	6,204	2	26	2	2	1
Baha'is	5,742	0.1	1,591	2,774	830	370	91	7	79
Jains	3,927	0.1	56	3,847	4	4	15	-	1
Shintoists	3,336	0.1	-	3,332	1	1	1	-	1
Other religionists	19,183	0.3	461	12,714	3,701	491	1,475	337	4

- Represents zero. [1] Source's provisional new term for the former Soviet Union. [2] Persons professing no religion, nonbelievers, agnostics, freethinkers, and dereligionized secularists indifferent to all religion. [3] Followers of traditional Chinese religion (local deities, ancestor veneration, Confucian ethics, Taoism, etc.). [4] Followers of Asiatic 20th-century New Religions, New Religious movements, radical new crisis religions, and non-Christian syncretistic mass religions.

Source: Encyclopaedia Britannica, Inc., Chicago, IL, *Britannica Book of the Year*. (Reprinted with permission. Copyright.)

No. 1355. Population, by World's Largest Cities: 1992 to 2000

[When these city projections were prepared in 1985, cities were defined as population clusters of continuous built-up area with a population density of at least 5,000 persons per square mile. Boundaries were determined by examining detailed maps of each city in conjunction with the most recent official population statistics. The aerial expansion of each city was not projected, hence density figures for 1992 are based on areas as of 1985]

CITY AND COUNTRY	Rank	MIDYEAR POPULATION (1,000)			AVERAGE ANNUAL GROWTH RATE (percent)		Area (square miles)	Population per square mile, 199
		1992	1995	2000	1992-1995	1995-2000		
Tokyo-Yokohama, Japan	1	27,540	28,447	29,971	1.1	1.0	1,089	25,290
Mexico City, Mexico	2	21,615	23,913	27,872	3.4	3.1	522	41,408
Sao Paulo, Brazil	3	19,373	21,539	25,354	3.5	3.3	451	42,956
Seoul, South Korea	4	17,334	19,065	21,976	3.2	2.8	342	50,684
New York, United States	**5**	**14,628**	**14,638**	**14,648**	**(Z)**	**(Z)**	**1,274**	**11,462**
Osaka-Kobe-Kyoto, Japan	6	13,919	14,060	14,287	0.3	0.3	495	28,119
Bombay, India	7	12,450	13,532	15,357	2.8	2.5	95	131,051
Calcutta, India	8	12,137	12,885	14,086	2.0	1.8	209	58,073
Rio de Janeiro, Brazil	9	12,009	12,786	14,169	2.1	2.1	260	46,190
Buenos Aires, Argentina	10	11,743	12,232	12,911	1.4	1.1	535	21,950
Manila, Philippines	11	10,554	11,342	12,846	2.4	2.5	188	56,141
Moscow, Russia	12	10,526	10,769	11,121	0.8	0.6	379	27,773
Cairo, Egypt	13	10,372	11,155	12,512	2.4	2.3	104	99,726
Jakarta, Indonesia	14	10,185	11,151	12,804	3.0	2.8	76	134,014
Tehran, Iran	15	10,102	11,681	14,251	4.8	4.0	112	90,198
Los Angeles, United States	**16**	**10,072**	**10,414**	**10,714**	**1.1**	**0.6**	**1,110**	**9,074**
Delhi, India	17	9,243	10,105	11,849	3.0	3.2	138	66,976
London, United Kingdom	18	9,168	8,897	8,574	-1.0	-0.7	874	10,490
Paris, France	19	8,589	8,764	8,803	0.7	0.1	432	19,683
Lagos, Nigeria	20	8,487	9,799	12,528	4.8	4.9	56	151,548
Karachi, Pakistan	21	8,174	9,350	11,299	4.5	3.8	190	43,023
Essen, Germany	22	7,506	7,364	7,239	-0.6	-0.3	704	10,662
Lima, Peru	23	7,028	7,853	9,241	3.7	3.3	120	58,563
Shanghai, China	24	7,000	7,194	7,540	0.9	0.9	78	89,739
Istanbul, Turkey	25	6,937	7,624	8,875	3.2	3.0	165	42,040
Taipei, Taiwan	26	6,924	7,477	8,516	2.6	2.6	138	50,173
Chicago, United States	**27**	**6,493**	**6,541**	**6,568**	**0.2**	**0.1**	**762**	**8,521**
Bogota, Colombia	28	6,176	6,801	7,935	3.2	3.1	79	78,173
Bangkok, Thailand	29	6,088	6,657	7,587	3.0	2.6	102	59,687
Madras, India	30	5,998	6,550	7,384	2.9	2.4	115	52,156
Beijing, China	31	5,791	5,865	5,993	0.4	0.4	151	38,354
Hong Kong, Hong Kong	32	5,762	5,841	5,956	0.5	0.4	23	250,524
Santiago, Chile	33	5,484	5,812	6,294	1.9	1.6	128	42,840
Pusan, South Korea	34	5,161	5,748	6,700	3.6	3.1	54	95,582
Bangalore, India	35	5,080	5,644	6,764	3.5	3.6	50	101,604
Nagoya, Japan	36	4,909	5,017	5,303	0.7	1.1	307	15,990
Tianjin, China	37	4,857	5,041	5,298	1.2	1.0	49	99,121
Milan, Italy	38	4,718	4,795	4,839	0.5	0.2	344	13,714
St. Petersburg, Russia	39	4,645	4,694	4,738	0.4	0.2	139	33,415
Dhaka, Bangladesh	40	4,640	5,296	6,492	4.4	4.1	32	144,991
Madrid, Spain	41	4,577	4,772	5,104	1.4	1.4	66	69,344
Lahore, Pakistan	42	4,475	4,986	5,864	3.6	3.2	57	78,500
Baghdad, Iraq	43	4,358	4,566	5,239	1.6	2.8	97	44,924
Shenyang, China	44	4,323	4,457	4,684	1.0	1.0	39	110,848
Barcelona, Spain	45	4,221	4,492	4,834	2.1	1.5	87	48,521
San Francisco, United States	**46**	**4,005**	**4,104**	**4,214**	**0.8**	**0.5**	**428**	**9,358**
Kinshasa, Zaire	47	3,997	4,520	5,646	4.1	4.5	57	70,130
Manchester, United Kingdom	48	3,984	3,949	3,827	-0.3	-0.6	357	11,159
Philadelphia, United States	**49**	**3,970**	**3,988**	**3,979**	**0.2**	**-0.1**	**471**	**8,429**
Belo Horizonte, Brazil	50	3,920	4,373	5,125	3.6	3.2	79	49,625
Ahmadabad, India	51	3,826	4,200	4,837	3.1	2.8	32	119,555
Hyderabad, India	52	3,787	4,149	4,765	3.0	2.8	88	43,031
Ho Chi Minh City, Vietnam	53	3,725	4,064	4,481	2.9	2.0	31	120,164
Athens, Greece	54	3,613	3,670	3,866	0.5	1.0	116	31,144
Sydney, Australia	55	3,528	3,619	3,708	0.9	0.5	338	10,437
Guadalajara, Mexico	56	3,525	3,839	4,451	2.8	3.0	78	45,192
Miami, United States	**57**	**3,522**	**3,679**	**3,894**	**1.5**	**1.1**	**448**	**7,862**
Surabaya, Indonesia	58	3,327	3,428	3,632	1.0	1.2	43	77,382
Guangzhou, China	59	3,314	3,485	3,652	1.7	0.9	79	41,952
Caracas, Venezuela	60	3,247	3,338	3,435	0.9	0.6	54	60,133
Wuhan, China	61	3,231	3,325	3,495	1.0	1.0	65	49,700
Porto Alegre, Brazil	62	3,220	3,541	4,109	3.2	3.0	231	13,938
Toronto, Canada	63	3,182	3,296	3,296	1.2	0.0	154	20,662
Casablanca, Morocco	64	3,136	3,327	3,795	2.0	2.6	35	89,604
Monterrey, Mexico	65	3,084	3,385	3,974	3.1	3.2	77	40,057
Rome, Italy	66	3,028	3,079	3,129	0.6	0.3	69	43,889
Greater Berlin, Germany	67	3,020	3,018	3,006	(Z)	-0.1	274	11,021
Ankara, Turkey	68	3,000	3,263	3,777	2.8	2.9	55	54,551
Naples, Italy	69	2,996	3,051	3,134	0.6	0.5	62	48,324
Alexandria, Egypt	70	2,981	3,114	3,304	1.5	1.2	35	85,180
Montreal, Canada	71	2,933	2,996	3,071	0.7	0.5	164	17,881
Detroit, United States [1]	**72**	**2,890**	**2,865**	**2,735**	**-0.3**	**-0.9**	**468**	**6,175**
Rangoon, Burma	73	2,876	3,075	3,332	2.2	1.6	47	61,198
Melbourne, Australia	74	2,865	2,946	2,968	0.9	0.2	327	8,763
Dallas, United States	**75**	**2,856**	**2,972**	**3,257**	**1.3**	**1.8**	**419**	**6,817**

Z Less than .05 percent [1] Includes Windsor, Canada.

Source: U.S. Bureau of the Census, International Data Base.

No. 1356. Percent Distribution of Households, by Type and Country

YEAR	Total	MARRIED-COUPLE [1]			Single parent [2]	One-person	Other [3]
		Total	With children [2]	Without children [2]			
United States:							
1960	100	74	44	30	4	13	8
1970	100	71	40	30	5	17	7
1980	100	61	31	30	8	23	9
1990	100	56	26	30	8	25	11
1991	100	55	26	29	9	25	11
1992	100	55	26	29	9	25	11
Canada:							
1961	100	[4]78	[4]51	[4]27	[4]4	9	[4]9
1971	100	74	47	28	5	13	8
1981	100	67	36	31	5	20	8
1991	100	63	30	33	6	23	9
Japan:							
1960	100	65	49	16	3	17	14
1970	100	64	45	20	2	20	13
1980	100	68	43	26	2	20	10
1990	100	65	33	32	2	23	10
Denmark: [5]							
1976	100	45	24	21	5	(NA)	(NA)
1983	100	44	23	21	5	(NA)	(NA)
1988	100	41	20	21	5	(NA)	(NA)
1989	100	41	20	21	5	(NA)	(NA)
1990	100	40	19	21	5	(NA)	(NA)
1991	100	37	19	18	6	(NA)	(NA)
France:							
1968	100	70	44	27	4	20	5
1975	100	69	42	27	4	22	5
1982	100	67	40	27	4	25	4
1990	100	65	39	26	7	26	2
1991	100	64	38	26	7	27	2
1992	100	64	37	27	7	27	2
Germany: [6]							
1961	100	67	44	22	11	21	2
1970	100	65	42	23	6	27	3
1980	100	61	37	24	7	30	3
1990	100	54	31	23	6	35	4
1991	100	56	32	24	7	34	4
1992	100	55	31	24	7	34	4
Netherlands:							
1961	100	78	55	22	6	12	5
1971	100	74	52	22	5	17	4
1981	100	67	44	23	6	21	6
1985	100	60	39	22	7	28	5
1990 [7]	100	64	36	28	5	30	1
1991	100	64	35	29	5	30	1
1992	100	63	34	29	5	31	1
Sweden:							
1960	100	66	36	31	4	20	10
1970	100	64	30	34	3	25	7
1980	100	58	25	33	3	33	6
1985	100	55	22	33	3	36	6
1990	100	52	20	32	3	40	5
United Kingdom: [8]							
1961	100	74	38	36	2	12	12
1971	100	70	34	35	3	18	9
1981	100	64	31	34	5	22	9
1990	100	61	25	36	6	26	7
1991	100	61	25	36	6	27	6

NA Not available. [1] May include unmarried cohabitating couples. Such couples are explicitly included under married couples in Canada (beginning in 1981) and France. For Sweden, beginning in 1980, all cohabitants are included as married couples, and the figures for 1970 have been adjusted to include all cohabitants. For Denmark, beginning 1983, persons reported separately as living in consensual unions with joint children have been classified here as married couples. In other countries, some unmarried cohabitants are included as married couples, while some are classified under "other households," depending on responses to surveys and censuses. [2] Children are defined as unmarried children living at home according to the following age limits: under 18 years old in the United States, Canada, Japan, Denmark, and the United Kingdom, except that the United Kingdom includes 16- and 17-year-olds only if they are in full-time education; under 25 years old in France; under 16 years old in Sweden; and children of all ages in the Netherlands and Germany. [3] Includes both family and nonfamily households not elsewhere classified. These households comprise, for example, siblings residing together, other households composed of relatives, and households made up of roommates. Some unmarried cohabitating couples may also be included in the "other" group. See footnote 1. [4] Estimated by the U.S. Bureau of Labor Statistics. [5] From family-based statistics. However, one person living alone constitutes a family in Denmark. In this respect, the Danish data are closer to household statistics. [6] Prior to 1991, data are for former West Germany. [7] Beginning 1988, data are not strictly comparable with prior years due to change in source of data. [8] Great Britain only (excludes Northern Ireland).

Source: U.S. Bureau of Labor Statistics, *Monthly Labor Review*, March 1990; and unpublished data.

No. 1357. Marriage and Divorce Rates, by Country: 1970 to 1991

COUNTRY	MARRIAGE RATE PER 1,000 POPULATION, 15 TO 64 YEARS OLD						DIVORCE RATE PER 1,000 MARRIED WOMEN					
	1970	1980	1988	1989	1990	1991	1970	1980	1988	1989	1990	1991
United States [1]	**17**	**16**	**15**	**15**	**15**	**14**	**15**	**23**	**21**	**21**	**21**	**21**
Canada	14	12	11	11	10	10	6	10	12	12	11	11
Denmark	12	8	9	9	9	9	8	11	13	14	13	11
France	12	10	7	8	8	8	3	6	8	8	8	9
Germany [2]	12	9	9	9	9	8	5	6	9	9	8	(NA)
Italy	11	9	8	8	8	8	1	1	2	2	2	2
Japan	14	10	8	8	8	(NA)	4	5	5	5	5	(NA)
Netherlands	15	10	9	9	9	9	3	8	8	8	8	8
Sweden	8	7	8	[3]20	7	7	7	11	11	12	12	12
United Kingdom	14	12	11	11	10	9	[4]5	[4]12	12	13	13	13

NA Not available. [1] Beginning 1980, includes unlicensed marriages registered in California. [2] Prior to 1991, data are for former West Germany. [3] Increase in Swedish marriage rate in 1989 is due to change in inheritance laws which caused many cohabiting couples to marry. [4] England and Wales only.

No. 1358. Births to Unmarried Women, by Country: 1970 to 1991

[For U.S. figures, beginning 1980, marital status is inferred from a comparison of the childs' and parents' surnames on the birth certificate for those States that do not report on marital status. No estimates are included for misstatements on birth records or failures to register births]

COUNTRY	1970		1980		1990		1991	
	Total live births (1,000)	Percent born to unmarried women	Total live births (1,000)	Percent born to unmarried women	Total live births (1,000)	Percent born to unmarried women	Total live births (1,000)	Percent born to unmarried women
United States	**3,731**	**11**	**3,612**	**18**	**4,158**	**28**	**4,111**	**30**
Canada [1]	372	10	360	13	398	24	403	29
Denmark	71	11	57	33	63	46	64	47
France	850	7	800	11	762	30	759	(NA)
Germany [2]	811	6	621	8	727	11	830	15
Italy	902	2	640	4	554	6	556	(NA)
Japan	1,932	1	1,616	1	1,240	1	1,224	(NA)
Netherlands	239	2	181	4	198	11	199	12
Sweden	110	18	97	40	124	47	124	46
United Kingdom	904	8	754	12	799	28	793	30

NA Not available. [1] 1980 through 1990 data exclude Newfoundland. [2] Prior to 1991, data are for former West Germany.
Source of tables 1357 and 1358: U.S. Bureau of Labor Statistics, *Monthly Labor Review,* 1990; and unpublished data.

No. 1359. Death Rates, by Cause and Country

[**Age-standardized death rate per 100,000 population.** For explanation of age-adjustment, see text, section 2. The standard population for this table is the old European standard; see source for details. Deaths classified according to ninth revision of *International Classification of Diseases;* see text, section 2]

COUNTRY	Year	Ischemic heart disease	Cerebrovascular disease	CANCER OF—			Bronchitis,[1] emphysema, asthma	Chronic liver disease and cirrhosis	Motor vehicle traffic accidents	Suicide and self-inflicted injury
				Lung, trachea, bronchus	Stomach	Female breast				
United States	**1989**	**179.8**	**50.7**	**56.1**	**5.5**	**31.9**	**9.0**	**11.6**	**18.1**	**12.0**
Australia	1988	200.5	77.9	40.4	9.0	29.6	14.6	8.1	17.8	13.3
Austria	1991	154.9	95.4	35.2	17.3	31.1	17.0	27.2	16.0	20.6
Belgium	1987	103.5	75.9	54.8	13.2	37.0	20.8	11.3	18.3	21.2
Bulgaria	1991	231.8	234.3	31.2	20.9	21.5	11.9	14.2	10.1	14.6
Canada	1990	161.3	50.0	54.1	8.0	34.2	8.1	8.8	13.3	12.4
Czechoslovakia	1990	314.4	183.5	53.2	20.1	28.7	21.1	26.1	13.6	18.3
Denmark	1991	196.4	71.3	51.9	8.6	39.3	36.2	13.5	10.6	20.9
Finland	1991	228.4	96.9	32.1	13.1	22.6	15.3	10.6	11.4	28.6
France	1990	61.9	55.4	34.1	9.0	28.1	9.7	17.4	16.8	19.0
Germany	1990	149.2	85.6	36.1	15.9	32.9	22.7	19.4	10.8	13.9
Hungary	1991	244.5	174.2	61.8	23.8	33.4	38.1	55.1	21.9	36.9
Italy	1989	96.2	94.6	43.3	19.3	29.8	23.6	23.8	13.8	6.8
Japan	1991	36.4	84.5	27.1	34.4	9.0	10.7	12.5	10.8	15.0
Netherlands	1990	130.2	67.3	51.7	12.3	38.3	17.1	4.8	8.1	9.3
New Zealand	1989	221.1	81.7	43.4	10.0	38.4	18.9	3.7	21.5	13.8
Norway	1990	187.2	84.4	28.1	11.6	27.3	14.0	5.4	7.4	15.1
Poland	1991	127.0	76.1	52.1	20.2	21.7	24.0	13.1	23.2	14.7
Portugal	1991	86.0	219.9	21.5	26.2	26.7	13.1	27.0	28.2	9.2
Spain	1989	73.0	93.5	32.4	15.9	24.2	9.1	20.2	20.2	7.4
Sweden	1989	186.3	66.7	23.0	9.9	25.2	11.7	6.5	9.4	17.4
Switzerland	1991	107.3	52.9	34.2	9.5	36.1	17.7	9.1	11.6	20.7
United Kingdom:										
England and Wales	1991	208.3	86.9	52.4	12.1	40.2	12.2	5.7	8.1	7.4
Scotland	1991	253.5	111.5	67.4	12.8	38.2	8.3	9.1	9.4	10.0

[1] Chronic and unspecified.
Source: World Health Organization, Geneva, Switzerland, *World Health Statistics Annual.*

No. 1360. Suicide Rates, by Country

[**Rate per 100,000 population.** Includes deaths resulting indirectly from self-inflicted injuries. Deaths classified according to the ninth revision of the *International Classification of Diseases (I.C.D.)*; see text, section 2]

SEX AND AGE	United States, 1989	Australia, 1988	Austria, 1991	Canada, 1990	Denmark, 1991	France, 1990	Germany, [1] 1990	Italy, 1989	Japan, 1991	Netherlands, 1990	Poland, 1991	Sweden, 1989	United Kingdom, [2] 1991
MALE													
Total [3]	19.9	21.0	34.6	20.4	30.0	29.6	22.4	11.2	20.6	12.3	23.9	26.8	12.1
15 to 24 years old	22.2	27.8	25.7	24.6	12.0	14.1	15.0	5.1	9.1	8.2	15.8	19.8	10.8
25 to 34 years old	24.3	28.2	29.7	29.6	28.0	30.6	21.3	9.9	18.1	15.8	29.1	33.7	17.2
35 to 44 years old	22.8	26.0	42.8	26.7	41.5	37.2	22.2	9.2	21.7	16.2	39.3	31.0	18.7
45 to 54 years old	22.4	24.4	36.6	23.4	44.4	41.1	28.2	13.5	33.5	14.8	44.1	35.4	17.3
55 to 64 years old	24.6	23.8	48.2	22.6	46.2	38.3	31.0	17.1	34.9	16.1	37.4	36.0	12.8
65 to 74 years old	33.0	27.7	64.0	20.7	41.5	47.1	34.6	25.0	32.3	15.4	32.1	34.6	10.8
75 yrs. and over	54.2	39.8	123.6	32.4	69.4	105.9	72.2	43.6	58.6	34.0	30.4	53.3	17.4
FEMALE													
Total [3]	4.8	5.6	11.6	5.2	15.1	11.1	9.6	4.1	11.8	7.2	4.4	10.6	3.4
15 to 24 years old	4.2	4.5	6.1	5.0	3.6	4.4	4.5	1.6	4.7	3.6	2.4	8.3	2.2
25 to 34 years old	5.6	7.2	7.6	6.4	8.1	9.1	6.9	3.2	8.3	7.2	4.0	12.6	3.2
35 to 44 years old	6.6	7.5	12.4	9.0	14.4	11.8	7.6	3.5	8.9	8.7	6.9	11.4	4.2
45 to 54 years old	7.3	8.2	16.3	7.4	21.7	16.4	11.4	5.1	13.8	10.1	7.7	12.5	4.6
55 to 64 years old	7.3	8.7	16.1	5.4	30.4	18.1	12.8	6.7	16.9	12.1	7.6	16.2	5.3
65 to 74 years old	5.9	7.4	19.2	5.9	32.5	18.5	17.1	8.5	24.0	9.4	7.8	16.8	5.2
75 yrs. and over	5.9	10.0	26.7	4.2	28.4	25.6	23.7	9.5	43.1	14.9	5.6	13.5	5.6

[1] Former West Germany. [2] England and Wales only. [3] Includes under 15 years old not shown separately.

Source: World Health Organization, Geneva, Switzerland, *World Health Statistics Annual*; and unpublished data.

No. 1361. Health Expenditures, by Country: 1980 to 1991

[G.D.P. = gross domestic product; for explanation, see text, section 14. For explanation of purchasing power parities, see text, section 30]

COUNTRY	TOTAL HEALTH EXPENDITURES						PUBLIC HEALTH EXPENDITURES			
	Percent of gross domestic product					Per capita, 1991, on basis of G.D.P. purchasing power parities	1980		1991	
	1980	1985	1989	1990	1991		Percent of gross domestic product	Percent of total health expenditures	Percent of gross domestic product	Percent of total health expenditures
United States	**9.2**	**10.5**	**11.6**	**12.4**	**13.4**	**2,867**	**3.9**	**42.0**	**5.9**	**43.9**
Australia	7.3	7.7	7.7	8.2	8.6	1,411	4.6	62.9	5.8	67.8
Austria	7.9	8.1	8.5	8.4	8.6	1,492	5.4	68.8	5.7	67.1
Belgium	6.6	7.4	7.6	7.6	7.9	1,354	5.5	83.4	7.0	88.9
Canada	7.4	8.5	9.0	9.5	10.0	1,917	5.5	74.7	7.2	72.2
Denmark	6.8	6.3	6.5	6.3	6.5	1,151	5.8	85.2	5.4	81.5
Finland	6.5	7.3	7.4	8.0	9.1	1,420	5.1	79.0	7.4	80.9
France	7.6	8.5	8.7	8.9	9.1	1,656	6.0	78.8	6.8	73.9
Germany [1]	8.4	8.7	8.3	8.3	8.4	1,663	6.3	75.0	6.0	71.8
Greece	4.3	4.9	5.4	5.4	5.2	404	3.6	82.2	[2]4.1	[2]77.0
Iceland	6.4	7.1	8.6	8.3	8.4	1,476	5.7	88.2	7.2	87.0
Ireland	9.2	8.2	6.9	7.0	7.3	844	7.5	82.2	5.6	75.8
Italy	6.9	7.0	7.6	8.1	8.3	1,408	5.6	81.1	6.5	77.5
Japan	6.6	6.5	6.6	6.7	6.8	1,307	4.6	70.8	4.8	70.1
Luxembourg	6.8	6.8	6.9	7.2	7.3	1,476	6.3	92.8	[2]6.6	[2]91.4
Netherlands	8.0	8.0	8.1	8.2	8.4	1,366	6.0	74.7	6.1	73.1
New Zealand	7.2	6.5	7.2	7.3	7.7	1,047	6.0	83.6	6.1	78.9
Norway	6.6	6.4	7.4	7.4	7.6	1,305	6.5	98.4	7.3	96.6
Portugal	5.9	7.0	7.2	6.7	6.8	624	4.3	72.4	[2]4.1	[2]61.7
Spain	5.6	5.7	6.3	6.6	6.7	846	4.5	79.9	5.5	82.2
Sweden	9.4	8.8	8.6	8.6	8.6	1,443	8.7	92.5	6.7	78.0
Switzerland	7.3	7.6	7.5	7.8	7.9	1,730	4.9	67.5	5.4	68.3
Turkey	4.0	2.8	3.9	4.0	4.0	142	1.1	27.3	[2]1.4	[2]35.6
United Kingdom	5.8	6.0	6.1	6.2	6.6	1,033	5.2	89.6	5.5	83.3

[1] Former West Germany. [2] 1990 data.

Source: Organization for Economic Cooperation and Development, Paris, France, *OECD Health Data*, 1993; *OECD Health Systems: Facts and Trends*, 1993; and unpublished data.

No. 1362. Education Expenditures, by Country: 1991

[Includes both current and capital expenditures. Public expenditure refers to the spending of public authorities at all levels. Private expenditure refers to the spending of private sources- mainly households, private nonprofit institutions, and firms and businesses. Expenditure per student based on full-time equivalent students enrolled in both public and private schools. Purchasing power parities (PPP's) are the rates of currency conversion that equalize the purchasing power of different countries. This means that a given sum of money, when converted into different currencies at the PPP rates, will buy the same basket of goods and services in all countries. Thus, PPP's are the rates of currency conversion that eliminate differences in price levels between countries. Educational program levels classified according to the International Standard Classification for Education developed by United Nations Educational, Scientific, and Cultural Organization]

COUNTRY	EXPENDITURES AS PERCENT OF GROSS DOMESTIC PRODUCT			PUBLIC EXPENDITURE FOR EDUCATION AS PERCENT OF TOTAL PUBLIC EXPENDITURES	EXPENDITURES PER STUDENT USING PURCHASING POWER PARITIES (U.S. dollars)					
	Total	Public sources	Private		Total	Early childhood education [1]	Primary and secondary			Higher education
							Total	Primary	Secondary [2]	
OECD	6.4	5.2	1.4	12.8	5,343	2,518	4,571	3,824	5,270	9,326
Australia	5.5	4.7	0.8	12.6	3,663	(NA)	2,626	(NA)	(NA)	10,934
Austria	5.4	5.4	-	10.8	4,730	2,400	4,313	3,573	4,680	6,441
Belgium	5.4	5.4	-	9.5	4,003	2,245	3,635	2,142	5,000	6,235
Canada	7.4	6.7	0.7	13.8	6,191	(NA)	(NA)	(NA)	(NA)	10,415
Denmark	6.1	6.1	-	10.4	5,524	4,418	5,004	4,456	5,406	7,685
Finland	6.6	6.1	0.5	14.7	5,370	2,795	4,589	4,060	5,073	7,218
France	6.0	5.4	0.6	10.6	4,319	2,308	4,132	2,754	5,112	5,871
Germany [3,4]	5.4	4.0	1.5	8.0	5,588	1,517	5,432	2,609	6,638	6,322
Ireland [5]	5.9	5.5	0.4	(NA)	2,412	1,494	2,057	1,598	2,592	7,047
Japan	5.0	3.7	1.3	11.4	4,203	1,962	3,433	3,300	3,547	7,570
Netherlands [4]	5.8	5.6	0.1	9.8	4,277	2,390	3,490	2,791	4,071	9,373
Norway	6.8	6.8	-	12.1	5,613	6,286	4,701	3,885	5,376	8,405
Portugal	5.5	5.5	-	(NA)	2,551	1,506	2,223	2,110	2,364	6,161
Spain [5,6]	5.6	4.5	1.1	(NA)	2,837	2,073	2,513	1,980	2,835	3,875
Sweden	6.5	6.5	-	10.4	6,151	2,501	6,051	5,465	6,627	8,548
Switzerland [4]	5.4	5.4	-	15.9	6,815	2,017	6,089	5,447	6,563	14,682
Turkey	4.0	4.0	-	(NA)	693	(NA)	(NA)	(NA)	504	2,795
United Kingdom	5.3	5.3	-	12.5	4,268	2,233	3,559	2,794	4,255	9,621
United States	**7.0**	**5.5**	**1.5**	**14.7**	**6,593**	**3,088**	**5,555**	**4,920**	**6,291**	**13,639**

- Represents or rounds to zero. NA Not available. [1] Covers young children participating in a program intended to foster learning, and emotional and social development. [2] Includes general, technical, or vocational education for students. It may either be "terminal" (i.e., preparing students for entry directly into working life) and/or "preparatory" (i.e., preparing students for higher education). [3] Data for former West Germany. [4] Provisional. [5] Private expenditures only include household spending. [6] Public expenditure is underestimated because a large part of the pension costs are not included.

No. 1363. Educational Attainment, by Country: 1991

[Percent of persons 25 to 64 years old]

COUNTRY	Total	No high school diploma	High school diploma	College or postsecondary degree
Australia [1]	100	44	25	31
Austria	100	33	61	7
Belgium	100	57	24	20
Canada	100	24	36	40
Denmark	100	39	43	18
Finland	100	40	42	18
France	100	49	35	15
Germany	100	18	60	22
Ireland	100	60	24	16
Italy	100	72	22	6
Netherlands	100	44	37	20
New Zealand	100	44	33	23
Norway	100	21	54	25
Portugal	100	93	3	4
Spain	100	78	12	10
Sweden	100	33	44	23
Switzerland	100	19	60	20
Turkey	100	82	11	6
United Kingdom	100	35	49	16
United States	**100**	**17**	**47**	**36**

[1] Persons 25 to 69 years old.

Source of tables 1362 and 1363: Organization for Economic Cooperation and Development, Paris, France, *Education at a Glance*, annual, (copyright).

No. 1364. Ratio of Students to Teachers, by Country: 1991

[Public and private education. Educational program levels classified according to the International Standard Classification for Education developed by United Nations Educational, Scientific, and Cultural Organization]

COUNTRY	Early childhood education [1]	Primary	Secondary [2]		
			Total	Lower	Upper
Australia	(NA)	18.5	18.6	(NA)	(NA)
Austria	20.9	10.8	10.0	6.7	17.0
Belgium	17.4	13.5	7.7	(NA)	(NA)
Denmark	13.6	11.1	10.7	9.5	12.4
Finland	(NA)	18.8	(NA)	(NA)	(NA)
France	27.5	22.8	14.0	(NA)	(NA)
Germany [3]	20.8	20.5	16.5	14.9	19.3
Ireland	28.3	26.9	17.2	(NA)	(NA)
Japan	18.9	20.3	17.3	17.5	17.0
Netherlands	21.2	19.7	15.9	(NA)	(NA)
Norway	(NA)	10.8	8.9	8.8	8.9
Portugal	22.2	13.4	11.6	(NA)	(NA)
Spain	24.8	22.0	16.9	18.1	16.0
Sweden	(NA)	10.4	10.7	9.7	11.9
Turkey	16.8	30.4	23.9	51.1	12.7
United Kingdom	27.8	21.5	14.7	17.7	13.2
United States	**(NA)**	**15.2**	**15.5**	**15.7**	**15.2**

NA Not available. [1] Covers young children participating in a program intended to foster learning, and emotional and social development. [2] Includes general, technical, or vocational education for students. It may either be "terminal" (i.e., preparing students for entry directly into working life) and/or "preparatory" (i.e., preparing students for higher education). [3] Data for former West Germany.

Source: Organization for Economic Cooperation and Development, Paris, France, *Education at a Glance*, annual, (copyright).

No. 1365. Unemployment, by Educational Attainment and Country: 1991

[Percent of persons 25 to 64 years of age in the labor force. Education program levels according to the International Standard Classification for Education developed by United Nations Educational, Scientific, and Cultural Organization]

COUNTRY	Total	Early childhood, [1] primary	Secondary [2]		Higher education	
			Lower	Upper	Nonuniversity	University
Australia	7.1	7.8	9.6	6.0	6.6	4.2
Austria	3.4	(NA)	4.8	3.1	(NA)	1.5
Belgium	7.8	19.5	6.6	4.2	2.3	1.7
Canada	9.1	14.6	13.7	9.5	7.8	5.1
Denmark	9.9	(NA)	14.2	9.1	5.7	4.6
Finland	6.6	(NA)	8.6	7.0	2.9	2.1
France	7.8	9.0	11.5	6.6	3.6	3.8
Germany	6.6	(NA)	10.5	6.6	4.6	4.5
Ireland	13.6	24.5	15.8	7.3	4.9	3.4
Italy	6.1	5.1	6.3	7.2	(NA)	5.0
Netherlands	6.1	13.0	6.7	4.9	4.2	4.6
New Zealand	8.1	12.5	7.0	7.4	5.3	4.2
Norway	4.1	(NA)	6.7	4.4	2.3	1.6
Portugal	3.8	4.0	3.6	3.1	0.8	1.8
Spain	12.9	13.0	16.0	12.2	(NA)	9.3
Sweden	2.1	(NA)	2.6	2.3	1.1	1.1
Switzerland	1.4	(NA)	1.3	1.5	0.8	2.2
Turkey	5.7	5.2	9.2	7.2	(NA)	3.1
United Kingdom	7.1	(NA)	10.4	6.5	3.7	3.1
United States	**6.8**	**11.8**	**12.8**	**7.3**	**5.6**	**3.6**

NA Not available. [1] Covers young children participating in a program intended to foster learning and emotional and social development. [2] Includes general, technical, or vocational education for students. It may either be "terminal" (i.e., preparing students for entry directly into working life) and/or "preparatory" (i.e., preparing students for higher education).

Source: Organization for Economic Cooperation and Development, Paris, France, *Education at a Glance*, annual, (copyright).

No. 1366. Gross National Product, by Country: 1985 to 1991

[**In billions of dollars.** For most countries, data for GNP are based on local currencies which are deflated to constant 1991 local currency values before conversion to U.S. dollar equivalents. In general, the rates used for conversion are the 1991 average par/market exchange rates as supplied by the International Bank for Reconstruction and Development]

COUNTRY	CURRENT DOLLARS				CONSTANT (1991) DOLLARS						
									Per capita (dollars)		
	1985	1989	1990	1991	1985	1989	1990	1991	1985	1990	1991
United States	**4,054**	**5,267**	**5,543**	**5,695**	**5,057**	**5,714**	**5,765**	**5,695**	**21,140**	**23,020**	**22,550**
Algeria	34	39	40	41	42	42	41	41	1,890	1,626	1,564
Argentina	95	110	116	130	119	119	120	130	3,920	3,742	3,984
Australia	204	264	274	288	254	286	285	288	16,080	16,690	16,600
Austria	109	139	152	162	136	151	158	162	18,040	20,480	20,760
Bangladesh	14	19	21	23	18	21	22	23	177	192	195
Belgium	131	171	183	196	163	185	191	196	16,530	19,150	19,580
Brazil	287	384	384	404	358	416	399	404	2,596	2,618	2,601
Bulgaria	41	50	[1]45	[1]37	51	54	[1]47	[1]37	5,750	[1]5,254	[1]4,140
Burma	21	22	24	[1]22	26	23	25	[1]22	692	610	[1]531
Canada	402	531	549	563	501	576	571	563	19,890	21,450	20,840
Chile	15	24	26	30	19	26	27	30	1,602	2,085	2,215
China:											
Mainland	774	1,242	1,369	1,528	965	1,347	1,424	1,528	920	1,256	1,327
Taiwan	91	153	168	187	114	166	175	187	5,903	8,551	9,068
Colombia	25	34	37	40	31	37	39	40	1,038	1,173	1,187
Cuba [1]	30	35	34	27	37	38	35	27	3,652	3,314	1,584
Czechoslovakia	98	123	[1]124	[1]109	122	134	[1]129	[1]109	7,872	[1]8,248	[1]6,914
Denmark	92	112	119	125	114	121	123	125	22,320	24,000	24,230
Egypt	20	27	28	30	25	29	29	30	533	544	543
El Salvador	4	5	5	6	5	5	6	6	1,064	1,060	1,075
Ethiopia	4	6	6	7	6	7	7	7	130	129	124
Finland	88	119	124	120	110	129	129	120	22,480	25,970	24,110
France	817	1,068	1,136	1,191	1,019	1,158	1,182	1,191	18,470	20,840	20,900
Germany [2]	1,052	1,346	1,472	1,586	1,313	1,461	1,531	1,586	21,510	24,260	19,830
Ghana	4	5	6	6	5	6	6	6	366	394	401
Greece	50	63	66	69	63	68	68	69	6,317	6,813	6,878
Hungary	53	65	[1]63	[1]59	66	70	[1]65	[1]59	6,160	[1]6,281	[1]5,727
India	156	228	251	263	195	247	261	263	253	306	303
Indonesia	61	90	100	111	76	97	104	111	442	550	577
Iran	77	77	89	100	96	83	92	100	2,067	1,619	1,689
Iraq	33	34	25	13	41	37	26	13	2,617	1,400	705
Israel	37	50	55	62	46	54	57	62	11,680	13,290	13,590
Italy	777	1,014	1,078	1,134	970	1,100	1,121	1,134	16,970	19,440	19,630
Japan	2,071	2,841	3,117	3,386	2,584	3,082	3,242	3,386	21,400	26,240	27,300
Kenya	5	7	7	8	6	7	8	8	295	318	310
Kuwait [1]	26	33	26	16	32	36	27	16	17,100	12,800	19,510
Madagascar	2	2	3	3	2	3	3	3	236	227	205
Malaysia	23	34	40	45	29	37	41	45	1,835	2,354	2,506
Mexico	195	232	254	276	243	251	264	276	3,079	2,988	3,051
Morocco	16	22	24	27	20	24	25	27	878	987	1,014
Mozambique	1	1	1	1	1	1	1	1	68	73	74
Nepal	2	2	3	3	2	3	3	3	123	137	141
Netherlands	199	252	273	290	248	274	284	290	17,140	19,010	19,310
Nigeria	19	24	26	30	23	26	27	30	227	230	242
North Korea [1]	26	30	30	23	33	33	31	23	1,674	1,443	1,068
Norway	75	91	97	103	94	99	101	103	22,620	23,810	24,150
Pakistan	26	37	40	44	33	40	42	44	328	363	369
Peru	39	45	45	47	48	49	47	47	2,459	2,147	2,090
Philippines	28	40	44	46	35	44	46	46	615	709	694
Poland	144	175	[1]163	[1]160	180	190	[1]170	[1]160	4,841	[1]4,456	[1]4,185
Portugal	39	55	61	65	48	60	63	65	4,771	6,099	6,251
Romania	99	113	[1]105	[1]94	124	123	[1]109	[1]94	5,455	[1]4,705	[1]4,064
Saudi Arabia	94	93	109	118	118	101	114	118	8,718	6,982	7,151
South Africa	76	96	100	105	94	104	104	105	2,726	2,629	2,573
South Korea	124	219	249	281	155	237	259	281	3,797	5,997	6,430
Soviet Union	2,118	2,645	2,660	[1]2,531	2,642	2,870	2,767	[1]2,531	9,475	9,509	[1]8,639
Spain	328	454	491	522	409	493	510	522	10,630	13,100	13,370
Sri Lanka	6	7	8	9	7	8	9	9	455	502	518
Sudan	19	25	26	28	24	27	27	28	1,031	1,027	1,016
Sweden	170	216	226	230	213	234	235	230	25,430	27,490	26,900
Switzerland	172	220	233	242	214	239	242	242	32,740	35,920	35,590
Syria	17	19	23	25	21	20	23	25	1,957	1,842	1,909
Tanzania	2	2	2	3	2	2	2	3	98	95	96
Thailand	43	72	82	92	53	78	86	92	1,028	1,531	1,618
Turkey	62	87	100	105	77	95	104	105	1,518	1,819	1,790
Uganda	2	2	3	3	2	3	3	3	150	158	157
United Kingdom	711	943	985	1,002	887	1,023	1,025	1,002	15,660	17,850	17,400
Venezuela	33	39	46	53	41	43	48	53	2,378	2,413	2,609
Yugoslavia	91	107	105	(NA)	113	117	109	(NA)	4,892	4,545	(NA)
Zaire	7	9	9	(NA)	8	9	9	(NA)	268	244	(NA)

NA Not available. [1] Estimated. [2] Prior to 1991, data are for former West Germany.

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. 1367. Annual Growth Rates of Real Gross Domestic Product, by Country: 1980 to 1995

[Percent change from previous year. Minus sign (-) indicates decline. See also *Historical Statistics, Colonial Times to 1970*, series F 10-16]

COUNTRY	1980	1985	1988	1989	1990	1991	1992	1993	1994	1995
OECD	1.1	3.3	4.4	3.3	2.5	0.8	1.7	1.1	2.1	2.7
United States	-0.5	3.2	3.9	2.5	1.2	-0.7	2.6	2.8	3.1	2.7
Australia	2.5	4.8	4.4	4.6	1.4	-0.8	2.0	2.5	3.1	3.4
Austria	2.9	2.5	4.1	3.8	4.6	3.0	1.5	-0.5	1.0	2.3
Belgium	4.1	0.8	5.0	3.9	3.3	2.1	0.8	-1.2	0.9	2.0
Canada	1.5	4.7	5.0	2.4	-0.2	-1.7	0.7	2.5	3.7	4.1
Denmark	-0.4	4.3	1.2	0.6	2.0	1.2	1.0	0.2	2.5	2.8
Finland	5.3	3.3	5.4	5.4	-	-7.0	-4.0	-2.0	-0.3	2.4
France	1.6	1.9	4.5	4.3	2.5	0.7	1.4	-0.9	1.1	2.7
Germany [1]	1.0	2.0	3.7	3.6	5.7	4.5	2.1	-1.5	0.8	2.2
Greece	1.8	3.1	4.4	3.5	-1.1	3.3	0.9	0.5	0.9	2.1
Iceland	7.0	3.6	-0.3	0.2	0.5	1.0	-3.7	0.4	-2.0	1.1
Ireland	3.1	3.1	4.2	6.5	9.1	2.6	4.9	2.7	3.1	3.2
Italy	4.1	2.6	4.1	2.9	2.1	1.3	0.9	-0.1	1.7	2.3
Japan	3.6	5.0	6.2	4.7	4.8	4.0	1.3	-0.5	0.5	2.3
Luxembourg	0.8	2.9	5.7	6.7	3.2	3.1	1.8	1.0	1.5	2.3
Netherlands	0.9	2.6	2.6	4.7	4.1	2.1	1.4	-0.2	0.6	2.2
New Zealand	0.4	1.2	3.0	-0.7	0.5	-1.8	0.5	3.0	3.3	3.1
Norway	4.2	5.3	-0.5	0.6	1.7	1.6	3.3	1.6	3.2	3.8
Portugal	4.6	2.8	3.9	5.2	4.4	2.1	1.6	-0.4	2.0	3.1
Spain	1.3	2.6	5.2	4.7	3.6	2.2	0.8	-1.0	0.8	2.6
Sweden	1.7	1.9	2.3	2.4	1.4	-1.7	-1.7	-2.7	1.5	2.2
Switzerland	4.4	3.7	2.9	3.9	2.3	-	-0.1	-0.8	0.8	2.0
Turkey [2]	-1.1	5.1	3.6	2.1	9.1	0.3	5.9	7.0	5.0	4.7
United Kingdom	-1.9	3.8	4.4	2.1	0.5	-2.2	-0.6	2.0	2.9	2.9

- Represents or rounds to zero. [1] Former West Germany. [2] Gross national product.

No. 1368. Gross Domestic Product of Selected Countries as Percent of United States: 1970 to 1991

[Comparisons are based on constant (1985) price data converted to U.S. dollars using 1985 exchange rates]

COUNTRY	1970	1975	1980	1981	1982	1983	1984	1985	1986	1987	1988	1989	1990	1991
United States	100	100	100	100	100	100	100	100	100	100	100	100	100	100
OECD Europe [1]	75	78	76	76	78	77	74	74	74	74	73	74	75	77
European Union [1]	65	66	65	65	67	66	63	63	63	63	63	63	65	66
Canada	7	8	8	9	9	8	9	9	9	9	9	9	9	9
France	13	14	14	14	14	14	13	13	13	13	13	13	13	14
Germany [2]	17	16	16	16	16	16	16	15	15	15	15	15	16	17
Japan	27	29	31	32	34	33	33	33	33	34	34	35	37	38
United Kingdom	13	12	12	11	12	12	11	11	12	12	12	12	12	12

[1] For countries, see text, section 30. [2] Prior to 1990, data are for former West Germany.

Source of tables 1367 and 1368: Organization for Economic Cooperation and Development, Paris, France, *National Accounts*, annual.

No. 1369. Selected International Economic Indicators, by Country: 1980 to 1993

[Data cover gross domestic product (GDP) at market prices. Gross fixed capital formation covers private and government sectors except military. Savings data are calculated by deducting outlays—such as personal consumption expenditures, interest paid, and transfer payments to foreigners—from disposable personal income. Minus (-) indicates decline]

YEAR	United States	France	Germany	Italy	Netherlands	United Kingdom	Japan	Canada
GDP growth rates [1] (constant 1987 prices):								
1980	-0.5	1.6	(NA)	4.1	0.9	-2.2	3.6	1.5
1985	3.2	1.9	(NA)	2.6	2.6	3.8	5.0	4.8
1990	1.2	2.5	(NA)	2.1	4.1	0.4	4.8	-0.2
1991	-0.7	0.8	1.0	1.2	2.1	-2.2	4.3	-1.7
1992	2.6	1.2	2.1	0.7	1.4	-0.6	1.1	0.7
1993	3.0	-1.0	-1.2	-0.7	0.2	1.9	0.1	2.4
Ratio of gross fixed capital formation to GDP (current prices):								
1980	20.4	23.0	(NA)	24.3	21.6	17.9	31.6	23.3
1985	19.4	19.3	(NA)	20.7	19.7	17.0	27.5	19.7
1990	16.8	21.4	(NA)	20.3	20.9	19.4	32.2	21.1
1991	15.4	21.1	23.2	19.7	20.5	16.8	31.8	19.8
1992	15.5	20.0	23.4	19.2	20.4	15.5	30.8	18.9
1993	16.1	18.9	22.7	17.1	19.7	14.9	30.1	18.2
Ratio of savings to disposable personal income:								
1980	7.9	17.6	(NA)	21.9	11.0	13.1	17.9	13.3
1985	6.4	14.0	(NA)	18.9	13.1	10.7	15.6	13.1
1990	4.2	12.5	(NA)	18.4	16.5	8.6	14.1	9.7
1991	4.8	13.1	13.8	18.6	12.5	10.1	14.9	10.1
1992	5.3	13.9	13.9	18.7	13.2	12.3	16.0	10.6
1993	4.0	14.2	13.2	(NA)	(NA)	11.5	(NA)	10.5

NA Not available. [1] Percent change from previous year.

Source: U.S. Dept. of Commerce, International Trade Administration, Office of Trade and Economic Analysis, based on official statistics of listed countries.

No. 1370. Gross Domestic Product, Using Purchasing Power Parities, by Country: 1970 to 1991

[The goods and services produced in different countries should be valued consistently if the differences observed are meant to reflect real differences in the volumes of goods and services produced. The use of purchasing power parities (PPP) instead of exchange rates is intended to achieve this objective. PPP's show how many units of currency are needed in one country to buy the same amount of goods and services which one unit of currency will buy in the other country. See text, section 30]

COUNTRY	TOTAL (bil. dol.)						PER CAPITA (dollars)					
	1970	1980	1985	1989	1990	1991	1970	1980	1985	1989	1990	1991
OECD, total	2,504	6,962	10,255	13,456	14,349	15,003	3,505	8,927	12,689	16,180	17,133	17,772
OECD Europe [1]	1,072	2,941	4,184	5,475	5,880	6,180	2,907	7,475	10,359	13,247	14,102	14,720
European Union [1]	942	2,581	3,648	4,773	5,120	5,393	3,111	8,133	11,346	14,651	15,612	16,378
Australia	45	126	195	257	271	279	3,468	8,597	12,326	15,261	15,887	16,085
Austria	22	65	92	117	128	135	3,004	8,664	12,156	15,401	16,596	17,280
Belgium	30	85	116	151	163	172	3,140	8,637	11,805	15,194	16,301	17,454
Canada	76	243	368	489	507	518	3,571	10,082	14,632	18,629	19,049	19,178
Denmark	17	44	66	80	85	91	3,499	8,563	12,868	15,636	16,567	17,621
Finland	13	38	58	79	82	80	2,873	7,993	11,835	15,853	16,522	15,997
France	178	498	707	920	982	1,040	3,499	9,247	12,785	16,310	17,301	18,227
Germany	223	595	826	1,056	1,158	1,249	3,678	9,660	13,535	17,020	18,307	19,500
Greece	13	41	58	72	75	80	1,442	4,247	5,797	7,176	7,403	7,775
Iceland	1	2	3	4	4	5	2,621	9,040	12,628	16,035	16,662	17,237
Ireland	5	17	25	33	38	41	1,741	4,892	7,014	9,489	10,755	11,507
Italy	159	469	662	866	923	976	2,962	8,317	11,585	15,046	16,012	16,896
Japan	290	919	1,453	1,986	2,180	2,368	2,798	7,871	12,035	16,130	17,645	19,107
Luxembourg	1	3	5	7	8	8	3,772	9,274	13,703	18,657	19,923	21,372
Netherlands	46	125	173	220	239	249	3,534	8,847	11,949	14,821	15,951	16,530
New Zealand	10	25	38	44	46	47	3,443	7,790	11,477	13,175	13,564	13,883
Norway	10	34	52	64	68	72	2,686	8,259	12,610	15,152	16,033	16,904
Portugal	12	40	55	75	82	90	1,465	4,289	5,674	7,694	8,364	9,191
Spain	76	217	306	423	457	496	2,239	5,814	7,953	10,880	11,738	12,719
Sweden	31	75	109	138	145	144	3,788	9,073	13,008	16,188	16,881	16,729
Switzerland	32	74	104	134	143	149	5,088	11,527	15,884	19,911	21,020	21,747
Turkey	21	71	119	167	190	201	597	1,595	2,340	3,017	3,363	3,491
United Kingdom	181	447	650	869	911	902	3,256	7,935	11,473	15,177	15,866	15,720
United States	**1,012**	**2,708**	**4,017**	**5,205**	**5,465**	**5,611**	**4,933**	**11,891**	**16,786**	**20,920**	**21,866**	**22,204**

[1] For countries, see text, section 30.

Source: Organization for Economic Cooperation and Development, Paris, France, *National Accounts of OECD Countries*, vol. I, annual.

No. 1371. Food and Beverage Expenditures, by Country: 1990

[Percent of total private consumption expenditures]

COUNTRY	Food	Nonalcoholic beverages	Alcoholic beverages	COUNTRY	Food	Nonalcoholic beverages	Alcoholic beverages
United States	**6.9**	**1.1**	**1.1**	Israel	22.3	2.4	0.7
				Italy	17.9	0.4	1.1
Australia	[1]14.8	(NA)	4.1	Netherlands	13.9	0.6	1.8
Austria	16.5	0.7	2.2	Norway	18.3	1.3	3.0
Belgium	15.5	0.6	1.4	Philippines [3]	52.8	2.4	(NA)
Canada	[1]11.0	(NA)	2.6	Portugal [4]	34.1	0.3	2.0
Denmark	14.9	0.6	3.2	South Africa	27.1	1.5	6.2
Finland	15.6	0.5	4.2	Spain	18.1	0.4	1.2
France	15.7	0.5	2.0	Sweden	14.8	0.6	3.2
Germany	[2]19.5	(NA)	(NA)	Switzerland	17.9	[5]7.0	(NA)
Greece	31.2	1.2	3.0	Thailand	23.5	3.8	4.8
India	51.2	0.1	1.1	United Kingdom	10.8	1.0	6.5
Ireland	22.4	1.5	11.8	Venezuela	24.7	3.9	2.6

NA Not available. [1] Food expenditures include nonalcoholic beverages. [2] Food expenditures include all beverages. [3] Data for 1989. [4] Data for 1986. [5] Nonalcoholic beverage expenditures include all beverages.

Source: U.S. Dept. of Agriculture, Economic Research Service. Based on data from the United Nations, New York, NY, *National Accounts Statistics*, annual.

No. 1372. Per Capita Consumption of Meat and Poultry: 1993

[Preliminary. In pounds per capita. Beef, veal, and pork quantities are as of September and in carcass-weight equivalents; poultry quantities are as of July and are on ready-to-cook basis]

COUNTRY	PORK		COUNTRY	POULTRY		COUNTRY	BEEF AND VEAL	
	Quantity	Rank		Quantity	Rank		Quantity	Rank
Denmark	146	1	Hong Kong	100	1	Uruguay	158	1
Belgium-Lux	114	2	Israel	91	2	Argentina	153	2
Poland	112	3	**United States**	**89**	**3**	**United States**	**95**	**3**
Austria	112	4	Singapore	79	4	Canada	80	4
Spain	111	5	Saudi Arabia	71	5	Australia	79	5
Germany	108	6	Canada	63	6	New Zealand	75	6
Hungary	103	7	United Kingdom	61	7	Kazakhstan	65	7
Taiwan	88	8	Australia	57	8	France	63	8
Switzerland	86	9	France	54	9	Russia	62	9
Hong Kong	86	10	Spain	53	10	Switzerland	58	10
United States	**67**	**20**						

Source: U.S. Department of Agriculture, Foreign Agricultural Service, *World Poultry Situation* and *World Livestock Situation*, annual.

No. 1373. Percent of Households Owning Selected Appliances, by Country: 1991

APPLIANCE	United States [1]	Belgium	Denmark	France	Germany [2]	Italy	Netherlands	Spain	Sweden	Switzerland	United Kingdom
Cassette recorder	(NA)	75	82	76	74	64	81	67	88	82	82
Clothes washer	76	88	76	88	88	96	89	87	72	78	87
Dishwasher	45	26	26	33	34	18	11	11	31	32	11
Food processor	(NA)	91	83	83	92	48	84	50	77	91	80
Microwave oven	79	21	14	25	36	6	22	9	37	15	48
Radio	(NA)	90	98	98	84	92	99	95	93	99	90
Television set, color/mono	99	97	98	94	97	98	95	98	97	93	98
Tumbledrier	53	39	22	12	17	10	27	5	18	27	32
Vacuum cleaner	(NA)	92	96	89	96	56	98	29	97	93	98
Video recorder	(NA)	42	39	35	42	25	50	40	48	41	65

NA Not available. [1] Represents appliances possessed and generally used by the household (as of November). Source: U.S. Energy Information Administration, *Annual Energy Review*. [2] Former West Germany.

Source: Except as noted, Euromonitor Publications Limited, London, England, *European Marketing Data and Statistics*, annual, (copyright).

No. 1374. Motor Vehicle Deaths and Vehicle Registrations, by Country

[Deaths are included if they occur within 30 days after the accident, except as noted. Death data must be compared cautiously because of differences in the volume and kinds of traffic, numbers of vehicles, population density, definitions of deaths, and other factors]

COUNTRY	MOTOR VEHICLE TRAFFIC DEATHS			1991 VEHICLE REGISTRATIONS			
				All vehicles		Passenger cars	
	Year	Number	Rate [1]	Number (mil.)	Persons per vehicle	Number (mil.)	Persons per car
Argentina	1989	3,085	9.7	5.8	5.6	4.3	7.5
Australia	1989	4,210	16.1	9.6	1.7	7.7	2.2
Austria	1991	1,363	17.4	3.8	2.0	3.1	2.5
Belgium	1987	[2]1,937	[2]19.6	4.4	2.3	3.9	2.5
Bulgaria	1991	929	10.3	1.5	6.1	1.3	6.8
Canada	1990	[3]3,645	[3]13.7	16.8	1.6	13.1	2.1
Chile	1989	941	7.3	1.0	13.0	0.7	19.0
Costa Rica	1989	389	13.2	0.3	12.0	0.2	18.0
Czechoslovakia	1990	2,127	13.6	3.6	4.4	3.3	4.7
Denmark	1991	598	11.6	1.9	2.7	1.6	3.2
Dominican Republic	1985	557	8.9	0.2	31.0	0.1	53.0
Ecuador	1990	2,049	19.4	0.2	44.0	0.1	134.0
Finland	1991	589	11.7	2.2	2.3	1.9	2.6
France	1990	[4]10,006	[4]17.6	28.8	2.0	23.8	2.4
Germany	1990	10,578	13.3	40.7	2.0	37.6	2.1
Greece	1990	2,247	22.3	2.6	3.9	1.8	5.6
Hong Kong	1989	309	5.4	0.4	14.0	0.3	22.0
Hungary	1991	2,313	22.4	2.2	4.7	2.0	5.3
Ireland	1990	456	13.0	1.1	3.3	0.8	4.2
Israel	1989	439	9.7	1.0	4.4	0.8	5.3
Italy	1989	[4]8,717	[4]15.1	30.7	1.9	28.2	2.0
Japan	1991	14,347	11.7	59.9	2.1	37.1	3.3
Kuwait	1987	343	18.3	0.7	3.1	0.5	4.0
Netherlands	1990	1,290	8.6	6.2	2.4	5.6	2.7
New Zealand	1989	766	22.9	1.9	1.8	1.6	2.1
Norway	1990	335	7.9	1.9	2.2	1.6	2.6
Panama	1989	320	13.5	0.2	12.0	0.2	16.0
Paraguay	1987	225	9.6	0.1	44.0	0.1	64.0
Poland	1991	8,643	22.6	7.4	5.1	6.1	6.2
Portugal	1991	2,896	29.4	2.4	4.2	1.8	5.8
Puerto Rico	1990	548	15.5	1.6	2.3	1.4	2.6
Singapore	1990	246	9.1	0.4	6.6	0.3	9.7
Sweden	1989	857	10.1	3.9	2.2	3.6	2.4
Switzerland	1991	845	12.4	3.4	2.0	3.1	2.2
Syria	1985	176	1.7	0.3	51.0	0.1	109.0
Thailand	1987	4,441	8.3	2.7	21.0	0.8	69.0
United States	**1989**	**[3]46,586**	**[3]18.8**	**188.4**	**1.3**	**143.0**	**1.7**
Uruguay	1990	375	12.1	0.3	10.0	0.2	16.0
Yugoslavia	1990	3,970	16.7	4.5	5.3	3.6	6.6

[1] Deaths per 100,000 population. [2] Deaths occurring at the accident scene only. [3] Deaths occurring within 1 year after the accident. [4] Deaths occurring within 3 days after the accident.

Source: World Health Organization, Geneva, Switzerland, *World Health Statistics*, annual, and unpublished data; and American Automobile Manufactures Association, Inc., Detroit, MI, *AAMA Motor Vehicle Facts & Figures*, annual, (copyright).

No. 1375. Telephones, Newspapers, Television, and Radio, by Country

[See text, section 30, for general comments about the data. For data qualifications for countries, see source]

COUNTRY	Telephone main lines per 100 people, [1] 1992	Cellular telephone subscribers per 100,000 people, [1] 1992	Daily newspaper circulation per 1,000 people, [2] 1990	Television receivers per 1,000 people, [3] 1991	Radio receivers per 1,000 people, [4] 1991
Algeria	4	18	51	74	234
Argentina	11	136	124	220	676
Australia	47	2,510	246	480	1,268
Austria	44	2,188	351	478	617
Belgium	43	615	301	451	769
Brazil	7	20	54	207	386
Bulgaria	26	-	452	252	442
Canada	59	3,727	[5]228	639	1,029
Chile	9	474	455	209	344
China, Mainland	1	15	[6]37	31	182
Taiwan	36	1,850	49	(NA)	(NA)
Colombia	8	25	62	116	177
Costa Rica	11	-	[7]101	140	258
Cuba	3	2	172	163	345
Cyprus	40	1,353	110	144	292
Czechoslovakia	17	32	507	476	872
Denmark	58	3,993	352	536	1,031
Dominican Republic	6	94	32	84	171
Ecuador	5	-	87	84	317
Egypt	4	13	57	116	326
Finland	54	7,028	558	501	997
France	52	568	208	407	888
Germany	44	958	593	556	876
Greece	44	-	[8]139	197	421
Guatemala	2	(NA)	21	52	66
Honduras	2	-	39	73	386
Hong Kong	49	4,023	110	278	667
Hungary	13	226	233	412	596
Iceland	54	5,866	[6]467	319	786
India	1	-	[6]26	35	79
Indonesia	1	19	28	59	146
Iran	5	-	26	63	231
Iraq	(NA)	-	36	72	215
Ireland	31	1,239	169	301	630
Israel	36	696	258	269	470
Italy	41	1,355	108	421	791
Jamaica	7	320	64	131	420
Japan	47	1,260	587	613	907
Kuwait	18	2,589	210	283	343
Lebanon	12	134	117	325	833
Luxembourg	53	287	383	267	632
Malaysia	11	442	140	149	430
Mexico	8	298	133	148	255
Morocco	2	12	13	74	210
Netherlands	49	1,097	[5]647	485	907
New Zealand	45	2,938	324	443	929
Norway	53	6,527	610	423	794
Pakistan	1	12	15	18	90
Panama	10	-	70	166	224
Paraguay	3	33	39	50	171
Peru	3	121	79	98	253
Philippines	1	17	54	44	138
Poland	10	7	128	295	433
Portugal	32	378	39	187	228
Puerto Rico	31	1,428	129	264	710
Russia	15	4	(NA)	(NA)	(NA)
Romania	11	-	[5]158	196	199
Saudi Arabia	10	99	40	266	304
Singapore	42	4,270	282	378	646
South Africa	9	31	35	98	302
South Korea	36	623	277	208	1,001
Spain	35	461	[6]82	400	310
Sweden	68	7,558	525	468	877
Switzerland	61	3,231	456	406	842
Syria	4	-	23	60	255
Thailand	3	431	73	114	191
Trinidad and Tobago	14	101	77	315	492
Tunisia	4	22	37	79	199
Turkey	16	104	71	175	161
United Kingdom	45	2,595	[8]394	434	1,143
United States	**56**	**4,326**	**249**	**814**	**2,118**
Uruguay	16	55	233	231	604
Venezuela	9	101	145	162	447

- Represents or rounds to zero. NA Not available. [1] As of December 31. [2] 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. [3] Estimated number of sets in use. [4] Data cover estimated number of receivers in use 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] For 1989. [6] For 1985. [7] For 1991. [8] For 1988.

Source: International Telecommunications Union, Geneva, Switzerland, World Telecom Indicators, (copyright); and United Nations Educational, Scientific, and Cultural Organization, Paris, France, *Statistical Yearbook,* (copyright).

No. 1376. Tax Revenues, by Country: 1980 to 1991

[Covers national and local taxes and Social Security contributions]

COUNTRY	TAX REVENUES, 1991		PERCENT CHANGE IN TOTAL TAX REVENUE AS EXPRESSED IN NATIONAL CURRENCY [1]					TAX REVENUES AS PERCENT OF GROSS DOMESTIC PRODUCT				
	Total (bil. dol.)	Per capita (dol.)	1987	1988	1989	1990	1991	1980	1985	1989	1990	1991
Australia	88	5,050	13.8	12.1	8.7	3.0	-3.4	28.4	30.1	30.6	30.8	29.2
Austria	69	8,830	2.8	4.9	4.3	8.4	8.5	41.2	43.1	41.0	41.3	42.1
Belgium	88	8,985	5.3	3.5	4.6	7.4	4.6	44.4	47.9	44.4	44.9	44.9
Canada	221	8,190	13.4	8.2	9.8	5.8	2.8	31.6	33.1	35.5	37.0	37.3
Denmark	63	12,219	6.6	4.8	2.8	0.1	3.5	45.5	49.0	50.7	48.5	48.3
Finland	47	9,366	2.3	18.6	11.3	7.5	-4.9	33.0	37.0	37.4	37.9	37.7
France	528	9,255	6.4	6.0	7.1	5.8	4.6	41.7	44.5	43.7	43.8	44.2
Germany [2]	661	8,279	4.0	4.5	7.7	4.5	23.3	38.2	38.1	38.2	36.8	39.2
Greece	27	2,635	14.6	12.0	11.9	30.3	29.4	29.4	35.1	33.3	36.1	38.3
Ireland	16	4,623	7.5	12.3	1.7	6.2	5.7	34.0	38.0	36.9	36.8	37.5
Italy	457	7,907	9.7	12.9	12.8	13.6	10.4	30.2	34.5	37.9	39.1	39.7
Japan	1,043	8,419	9.3	6.6	8.4	9.9	3.4	25.4	27.6	30.7	31.4	30.9
Luxembourg	5	11,976	6.3	8.0	10.4	7.7	5.4	46.0	50.1	48.2	48.8	48.5
Netherlands	137	9,064	6.5	4.2	-0.2	5.9	10.8	44.7	43.8	44.9	44.6	47.0
New Zealand	15	4,481	23.3	6.0	14.2	-1.1	-3.6	32.9	33.5	38.7	37.3	36.0
Norway	50	11,701	4.8	3.6	2.5	7.1	5.6	47.1	47.6	46.0	46.3	47.1
Portugal	24	2,487	10.4	27.7	20.5	18.2	19.1	28.7	31.6	35.1	34.8	35.6
Spain	183	4,693	18.8	11.8	18.5	10.7	10.3	24.1	28.8	34.6	34.4	34.7
Sweden	126	14,628	14.0	7.8	11.4	11.8	-0.7	49.1	50.4	56.0	56.9	53.2
Switzerland	72	10,489	3.0	7.1	5.4	7.3	4.3	30.8	32.0	31.7	31.5	31.0
Turkey	32	549	57.0	63.6	84.6	85.4	68.0	21.7	19.7	25.4	27.8	29.4
United Kingdom	364	6,341	8.4	12.4	7.8	6.8	2.4	35.3	37.8	36.7	36.7	36.0
United States	**1,655**	**6,550**	**10.2**	**6.7**	**8.2**	**5.0**	**3.6**	**29.3**	**28.7**	**29.7**	**29.5**	**29.8**

[1] Change from previous year. [2] Prior to 1991, data are for former West Germany.

Source: Organization for Economic Cooperation and Development, Paris, France, *Revenue Statistics of OECD Member Countries*, annual.

No. 1377. Percent Distribution of Tax Receipts, by Country: 1980 to 1991

COUNTRY	Total [1]	INCOME AND PROFITS TAXES [2]			SOCIAL SECURITY CONTRIBUTIONS			TAXES ON GOODS AND SERVICES [5]		
		Total [3]	Individual	Corporate	Total [4]	Employees	Employers	Total [3]	General consumption taxes [6]	Taxes on specific goods, services [7]
United States: 1980	100.0	47.0	36.9	10.2	26.2	10.0	15.5	16.6	6.6	7.8
1990	100.0	43.2	35.8	7.4	29.5	11.6	16.6	16.5	7.6	6.8
1991	100.0	42.2	34.9	7.3	29.8	11.8	16.5	16.8	7.6	7.1
Canada: 1980	100.0	46.6	34.1	11.6	10.5	3.7	6.6	32.6	11.5	13.0
1990	100.0	47.9	40.4	7.0	14.2	4.3	9.7	27.4	14.2	9.8
1991	100.0	46.6	40.7	5.5	15.3	4.8	10.2	27.3	14.1	10.1
France: 1980	100.0	18.1	12.9	5.1	42.7	11.1	28.4	30.4	21.1	8.4
1990	100.0	17.2	11.8	5.3	44.0	13.2	27.2	28.3	18.7	8.6
1991	100.0	18.0	13.5	4.5	43.8	13.0	27.1	27.1	17.8	8.3
Germany [8]: 1980	100.0	35.1	29.6	5.5	34.3	15.3	18.4	27.1	16.6	9.3
1990	100.0	32.4	27.6	4.8	37.5	16.2	19.1	26.7	16.6	9.2
1991	100.0	31.4	27.1	4.3	39.1	17.1	20.1	26.7	16.4	9.3
Italy: 1980	100.0	31.1	23.1	7.8	36.0	6.9	28.4	26.5	15.6	9.7
1990	100.0	36.5	26.3	10.0	32.9	6.3	23.6	28.0	14.7	10.6
1991	100.0	36.1	26.4	9.6	33.0	6.6	23.2	28.1	14.3	11.0
Japan: 1980	100.0	46.1	24.3	21.8	29.1	10.2	14.8	16.3	-	14.1
1990	100.0	48.3	26.8	21.5	29.2	10.9	15.2	13.2	4.2	7.3
1991	100.0	46.9	26.9	20.0	30.1	11.4	15.6	13.5	4.4	7.4
Netherlands: 1980	100.0	32.8	26.3	6.6	38.1	15.7	17.8	25.2	15.8	7.3
1990	100.0	32.2	24.7	7.5	37.4	22.8	7.5	26.4	16.5	7.5
1991	100.0	33.5	26.2	7.3	37.1	22.8	7.1	25.4	15.6	7.5
Sweden: 1980	100.0	43.5	41.0	2.5	28.8	-	27.6	24.0	13.4	9.2
1990	100.0	41.0	37.9	3.1	27.6	-	25.4	24.6	14.6	9.0
1991	100.0	37.3	34.2	3.1	27.7	-	26.9	26.9	16.7	9.2
United Kingdom: 1980	100.0	38.2	29.8	8.3	16.6	6.7	9.5	29.2	14.4	13.1
1990	100.0	39.6	28.6	11.0	17.2	6.6	10.0	30.1	16.4	12.2
1991	100.0	37.4	28.5	8.9	17.8	6.7	10.4	32.7	18.5	12.8

- Represents zero. [1] Includes property taxes, employer payroll taxes other than Social Security contributions, and miscellaneous taxes, not shown separately. [2] Includes taxes on capital gains. [3] Includes other taxes not shown separately. [4] Includes contributions of self-employed not shown separately. [5] Taxes on the production, sales, transfer, leasing, and delivery of goods and services and rendering of services. [6] Primary value-added and sales taxes. [7] For example, excise taxes on alcohol, tobacco, and gasoline. [8] Prior to 1990, data are for former West Germany.

Source: Organization for Economic Cooperation and Development, Paris, France, *Revenue Statistics of OECD Member Countries*, annual.

No. 1378. Employee-Employer Payroll Tax Rates for Social Security Programs, by Country: 1981 to 1993

[In percent. Covers old-age, disability and survivors insurance, public health or sickness insurance, workers' compensation, unemployment insurance, and family allowance programs]

COUNTRY	ALL SOCIAL SECURITY PROGRAMS					OLD-AGE, DISABILITY, SURVIVORS INSUR.				
	1981	1991	1993			1981	1991	1993		
			Total	Employer	Employee			Total	Employer	Employee
United States	**17.60**	**20.50**	**20.50**	**12.85**	**7.65**	**10.70**	**12.40**	**12.40**	**6.20**	**6.20**
Austria	35.80	[1]39.40	[1]41.00	24.55	16.45	21.10	22.80	22.80	12.55	10.25
Belgium	34.70	39.33	39.33	[2]26.86	13.07	15.11	16.36	16.36	8.85	7.50
Canada	[3]7.92	[3]10.00	[3]13.70	8.20	5.50	3.60	4.60	5.00	2.50	2.50
France	47.55	54.41	49.88	31.61	[4]18.27	13.00	17.00	17.25	8.20	[4]9.05
Germany [5]	34.80	36.16	38.19	19.79	18.40	18.50	17.70	17.50	8.75	8.75
Ireland	14.95	21.70	21.20	13.45	[6]7.75	12.00	18.70	18.70	12.20	[6]6.50
Italy	54.30	55.72	55.59	[7]46.45	9.14	24.46	27.42	28.27	[7]20.13	8.14
Japan	21.41	[8]24.86	[8]24.62	13.39	11.23	10.60	14.50	14.50	7.25	7.25
Luxembourg	34.25	[1]31.78	[1]32.20	[2]14.70	17.50	16.00	16.00	16.00	8.00	8.00
Netherlands	54.85	43.73	46.50	12.94	[9]33.56	32.45	20.25	21.82	-	[9]21.82
Sweden	32.65	34.11	32.31	31.36	0.95	21.15	20.95	19.89	19.89	-
Switzerland	11.90	12.00	12.69	6.89	5.80	9.40	9.60	9.60	4.80	4.80
United Kingdom	21.45	21.45	21.40	[10]10.40	[11]11.00	(NA)	(NA)	(NA)	(NA)	(NA)

- Represents zero. NA Not available. [1] Sickness and maternity refers to wage earners. [2] Work-injury refers to wage earners. [3] Excludes work-injury. [4] Includes 2.4 percent employee tax on all sources of income. [5] Prior to 1990, data are for former West Germany. [6] Includes 1 percent tax to finance employment training for youth. [7] OASDI, work injury, and unemployment refers to industrial workers. [8] OASDI rate refers to male employees and contributions for employee pension insurance only. [9] The employed persons' Supplementary Disability Pension Program has been adjusted downward to avoid the distortions that would otherwise occur from taxing only a very narrow band of earnings. [10] 4.6 to 10.4 percent. Covers all programs. [11] 2 percent on first 46 pounds per week plus 9% of earnings between 46 and 350 pounds. Covers all programs.

Source: U.S. Social Security Administration, Office of Research and Statistics, *Social Security Programs Throughout the World*, biennual.

No. 1379. Annual Percent Change in Consumer Prices, by Country: 1989 to 1993

[Change from previous year. See text, section 30, for general comments concerning the data. For additional qualifications of the data for individual countries, see source. Minus sign (-) indicates decrease]

COUNTRY	1989	1990	1991	1992	1993	COUNTRY	1989	1990	1991	1992	1993
United States	**5**	**5**	**4**	**3**	**3**	Italy	6	6	6	5	4
Argentina	3,080	2,314	172	25	11	Japan	2	3	3	2	1
Australia	8	7	3	1	2	Mexico	20	27	23	16	10
Austria	3	3	3	4	4	Netherlands	4	3	4	4	2
Belgium	3	4	3	2	3	Norway	5	4	3	2	2
Brazil	1,287	2,938	441	1,009	2,148	Peru	3,399	7,482	410	74	49
Canada	5	5	6	2	2	Philippines	12	14	19	9	8
Chile	17	26	22	15	13	Portugal	13	13	11	9	7
France	4	3	3	2	2	South Africa	15	14	15	14	10
Germany [1]	3	3	4	4	4	South Korea	6	9	10	6	5
Greece	14	20	20	16	14	Spain	7	7	6	6	5
Guatemala	11	41	33	10	(NA)	Sweden	6	11	9	2	5
India	6	9	14	12	6	Switzerland	3	5	6	4	3
Indonesia	6	8	9	8	10	Turkey	63	60	66	70	66
Iran	22	8	17	23	20	United Kingdom	8	10	6	4	2
Israel	20	17	19	12	11	Venezuela	84	41	34	31	38

NA Not available. [1] Prior to July 1990, data for former West Germany.

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

No. 1380. Civilian Employment-Population Ratio and Females as Percent of Total Civilian Employment, by Country: 1980 to 1992

[See headnote, table 1381]

COUNTRY	CIVILIAN EMPLOYMENT-POPULATION RATIO [1]								CIVILIAN EMPLOYMENT, PERCENT FEMALE			
	Women				Men							
	1980	1990	1991	1992	1980	1990	1991	1992	1980	1990	1991	1992
United States	**47.7**	**54.4**	**53.7**	**53.8**	**72.0**	**71.9**	**70.2**	**69.7**	**42.4**	**45.4**	**45.6**	**45.7**
Australia	41.9	49.3	48.1	47.7	75.1	71.3	68.2	66.6	36.4	41.3	41.8	42.1
Canada	46.2	53.7	52.6	51.6	73.0	69.8	66.7	65.0	39.7	44.7	45.3	45.5
France	40.1	41.5	41.6	[2]41.7	68.6	61.3	60.6	[2]59.6	39.5	43.0	43.3	[2]43.8
Germany [3]	38.9	[2]40.9	[2]41.7	[2]41.9	69.9	[2]65.6	[2]66.4	[2]65.3	39.2	[2]41.2	[2]41.5	[2]42.0
Italy	27.9	[2]29.2	[2,4]29.6	(NA)	66.0	[2]60.1	[2,4]60.4	(NA)	31.7	[2]34.7	[2,4]34.9	(NA)
Japan	45.7	48.0	48.6	48.7	77.9	75.4	75.8	76.1	38.4	40.3	40.4	40.5
Netherlands	31.0	(NA)	(NA)	(NA)	74.1	(NA)	(NA)	(NA)	30.2	(NA)	(NA)	(NA)
Sweden	58.0	[2,4]62.7	[2]61.6	[2]59.4	73.6	[2,4]71.7	[2]70.3	[2]66.8	45.2	[2,4]47.8	[2]47.9	[2]48.3
United Kingdom	44.8	[2]49.7	[2]48.9	[2]48.8	72.8	[2]70.1	[2]67.5	[2]65.0	40.4	[2]43.5	[2]44.1	[2]44.9

NA Not available. [1] Civilian employment as a percent of the civilian working age population. [2] Preliminary. [3] Former West Germany. [4] Break in series.

Source: U.S. Bureau of Labor Statistics, *Comparative Labor Force Statistics for Ten Countries, 1959-1992*, August 1993.

No. 1381. Civilian Labor Force, Employment, and Unemployment, by Country: 1980 to 1992

[Data based on U.S. labor force definitions adopted in 1967 (see text, section 13) except that minimum age for population base varies as follows: United States, France, Sweden, and United Kingdom, 16 years; Australia, Canada, Japan, Netherlands, and Germany, 15 years; Italy, 14 years]

YEAR	United States	Australia	Canada	France	Germany [1]	Italy	Japan	Netherlands	Sweden	United Kingdom
Civilian labor force (mil.):										
1980	106.9	6.7	11.6	22.9	27.3	21.1	55.7	5.9	4.3	26.5
1985	115.5	7.3	12.5	23.6	28.0	21.8	58.8	6.2	4.4	27.2
1990	124.8	8.5	13.7	24.3	[2]29.4	[2]22.7	63.0	6.8	4.6	28.5
1991	125.3	8.5	13.8	24.5	[2]29.8	[2 3]22.9	64.3	6.9	4.6	28.4
1992	127.0	8.6	13.8	24.6	[2]30.0	22.8	65.0	[2]6.9	4.5	[2]28.2
Labor force participation rate: [4]										
1980	63.8	62.1	64.1	57.5	54.7	48.2	62.6	55.4	66.9	62.5
1985	64.8	61.6	65.3	56.9	54.7	47.2	62.3	55.5	66.9	62.2
1990	66.4	64.7	67.0	55.5	[2]55.0	[2]47.2	62.6	56.8	68.1	63.9
1991	66.0	64.3	66.3	55.8	[2]55.7	[2 3]47.6	63.2	57.5	[2]67.6	[2]63.4
1992	66.3	64.0	65.5	[2]56.0	[2]55.4	[2]47.3	63.4	[2]57.7	[2]66.1	[2]62.8
Civilian employment (mil.):										
1980	99.3	6.3	10.7	21.4	26.5	20.2	54.6	5.5	4.2	24.7
1985	107.2	6.7	11.2	21.2	26.0	20.5	57.3	5.6	4.3	24.2
1990	117.9	7.9	12.6	22.1	[2]28.0	[2]21.1	61.7	6.3	4.6	26.6
1991	116.9	7.7	12.3	22.1	[2]28.5	[2 3]21.4	62.9	6.4	4.5	25.9
1992	117.6	7.7	12.2	[2]22.0	[2]28.7	[2]21.2	63.6	[2]6.5	4.3	[2]25.4
Employment-population ratio: [5]										
1980	59.2	58.3	59.3	53.8	53.1	46.1	61.3	52.1	65.6	58.1
1985	60.1	56.5	58.5	51.0	50.7	44.4	60.6	50.1	65.0	55.2
1990	62.7	60.2	61.5	50.5	[2]52.2	[2]43.9	61.3	52.5	67.0	59.5
1991	61.6	58.1	59.5	50.4	[2]53.3	[2 3]44.3	61.8	53.5	[2]65.8	[2]57.8
1992	61.4	57.1	58.1	[2]50.2	[2]52.9	[2]43.9	62.0	[2]53.9	[2]63.0	[2]56.5
Unemployment rate:										
1980	7.1	6.1	7.5	6.4	2.8	4.4	2.0	6.0	2.0	7.0
1985	7.2	8.3	10.5	10.5	7.2	6.0	2.6	9.6	2.8	11.2
1990	5.5	6.9	8.1	9.1	[2]5.0	[2]7.0	2.1	7.5	1.5	6.9
1991	6.7	9.6	10.3	9.6	[2]4.3	[2 3]6.9	2.1	7.0	2.6	[2]8.8
1992	7.4	10.8	11.3	10.4	[2]4.6	[2]7.3	2.2	[2]6.6	4.7	[2]10.0
Under 25 years old	14.2	19.4	17.8	(NA)	(NA)	(NA)	4.5	(NA)	11.0	[6]15.4
Teenagers [7]	20.0	24.7	19.7	(NA)	(NA)	(NA)	6.8	(NA)	10.6	[6]16.4
20 to 24 years old	11.3	16.2	16.6	(NA)	(NA)	(NA)	3.9	(NA)	11.1	[6]14.9
25 years old and over	6.1	6.4	9.9	(NA)	(NA)	(NA)	1.8	(NA)	2.8	[6]8.3

NA Not available. [1] Former West Germany. [2] Preliminary. [3] Break in series. [4] Civilian labor force as a percent of the civilian working age population. [5] Civilian employment as a percent of the civilian working age population. [6] Data are for the spring quarter. [7] 16 to 19 years old in the United States, France, Sweden, and the United Kingdom; 15 to 19 years old in Canada, Australia, and Japan; and 14 to 19 years old in Italy and Germany.

Source: U.S. Bureau of Labor Statistics, *Comparative Labor Force Statistics for Ten Countries, 1959-1992*, August 1993, and *Monthly Labor Review*.

No. 1382. Labor Force Participation Rates, by Country: 1980 and 1991

[Participation rates represent percent of population of each specified group in labor force]

COUNTRY AND SEX	15 TO 19 YEARS OLD		20 TO 24 YEARS OLD		25 TO 54 YEARS OLD		55 TO 64 YEARS OLD		65 YEARS AND OVER	
	1980	1991	1980	1991	1980	1991	1980	1991	1980	1991
United States: Male	[1]60.5	53.5	85.7	83.1	93.4	92.3	71.2	66.3	18.3	15.2
Female	[1]52.4	50.2	69.1	70.5	63.8	74.0	41.0	45.0	7.6	8.0
Canada: Male	57.9	55.8	86.3	81.5	94.8	92.5	76.2	62.5	14.8	11.3
Female	52.2	53.8	73.0	75.6	60.1	75.8	33.6	35.6	4.4	3.5
France: Male	25.7	12.3	80.2	62.3	96.4	95.3	68.5	44.5	7.5	3.5
Female	18.3	6.8	67.5	53.7	63.0	73.7	39.7	30.6	3.3	1.5
Italy: Male	33.3	23.2	72.5	69.5	[2]93.1	90.7	[3]39.6	34.9	9.0	5.2
Female	28.9	19.0	57.9	61.2	[2]39.9	49.9	[3]11.0	10.0	2.3	1.6
Japan: Male	17.4	19.1	69.6	72.8	97.0	97.2	85.4	84.5	41.0	38.0
Female	18.5	17.8	70.0	75.6	56.7	65.0	45.3	48.5	15.5	16.6
Sweden: Male	55.3	42.3	84.5	82.8	95.4	94.6	78.7	75.5	14.2	14.7
Female	55.8	47.1	81.6	77.5	82.9	90.5	55.3	66.9	3.7	5.1
United Kingdom: Male	73.6	73.6	86.0	85.7	95.4	93.4	81.6	67.5	10.3	8.4
Female	75.3	70.9	67.9	72.7	63.4	72.9	39.1	39.2	3.6	3.1

[1] Persons 16 to 19 years old. [2] Persons 25 to 59 years old. [3] Persons 60 to 64 years old.

Source: Organization for Economic Cooperation and Development, Paris, France, *Labour Force Statistics*, annual.

No. 1383. Civilian Employment, by Industry and Country: 1980 and 1990

[Data based on U.S. labor force definitions adopted in 1967 except that minimum age for population base varies as follows: United States, France, Sweden, and United Kingdom, 16 years; Australia, Canada, Germany, Japan, and Netherlands, 15 years; Italy, 14 years. Industries based on International Standard Industrial Classification; see text, section 31]

INDUSTRY	United States	Australia	Canada	France	Germany [1]	Italy	Japan	Netherlands	Sweden	United Kingdom
TOTAL EMPLOYMENT (1,000)										
1980, total	**99,303**	**6,284**	**10,708**	**21,334**	**26,486**	**20,195**	**54,600**	**5,520**	**4,214**	**25,004**
Agriculture, forestry, fishing	3,529	408	583	1,854	1,373	2,870	5,510	285	237	654
Industry [2]	29,136	1,818	2,931	7,475	11,373	7,694	19,180	1,642	1,327	9,059
Manufacturing	21,942	1,248	2,111	5,495	8,998	5,433	13,630	1,176	1,025	7,081
Services	66,638	4,058	7,194	12,005	13,740	9,631	29,910	3,593	2,650	15,291
Public utilities	1,179	130	124	189	215	(NA)	300	50	36	353
Wholesale and retail trade, restaurants and hotels	21,339	1,467	2,411	3,413	4,079	3,765	12,980	985	582	4,818
Transport and communication	5,619	461	782	1,319	1,572	1,124	3,500	328	295	1,580
Finance, insurance, real estate, and business	8,351	518	1,018	1,591	1,540	418	3,170	435	283	1,837
Community, social, personal [3]	30,148	1,452	2,859	5,493	6,335	4,224	9,920	1,794	1,454	6,703
1990, total	**117,914**	**7,872**	**12,572**	**21,684**	**27,961**	**21,074**	**61,710**	**6,268**	**4,560**	**26,620**
Agriculture, forestry, fishing	3,355	438	531	1,310	966	1,876	4,270	292	174	568
Industry [2]	29,610	1,895	2,959	6,284	10,893	6,841	20,890	1,620	1,289	7,508
Manufacturing	21,184	1,204	2,001	4,612	8,843	[4]4,726	15,010	1,196	961	5,384
Services	84,949	5,539	9,083	14,090	16,102	12,357	36,550	4,356	3,097	18,544
Public utilities	1,292	107	136	204	255	(NA)	300	41	37	292
Wholesale and retail trade, restaurants and hotels	26,049	1,960	3,014	3,756	4,554	4,467	14,850	1,114	657	5,306
Transport and communication	6,307	539	815	1,397	1,622	1,153	3,770	386	320	1,548
Finance, insurance, real estate, and business	13,346	907	1,457	2,174	2,214	858	5,190	652	396	3,094
Community, social, personal [3]	37,955	2,028	3,661	6,559	7,458	5,618	12,420	2,162	1,687	7,968
PERCENT DISTRIBUTION										
1980, total	**100**	**100**	**100**	**100**	**100**	**100**	**100**	**100**	**100**	**100**
Agriculture, forestry, fishing	4	7	5	9	5	14	10	5	6	3
Industry [2]	29	29	27	35	43	38	35	30	32	36
Services	67	65	67	56	52	48	55	65	63	61
1990, total	**100**	**100**	**100**	**100**	**100**	**100**	**100**	**100**	**100**	**100**
Agriculture, forestry, fishing	3	6	4	6	4	9	7	5	4	2
Industry [2]	25	24	24	29	39	33	34	26	28	28
Services	72	70	72	65	58	59	59	70	68	70

NA Not available. [1] Beginning 1990, data for unified Germany. Prior years for former West Germany. [2] Includes mining and construction. [3] Includes public administration, education, health, and recreation services. [4] Data for 1989.

Source: Bureau of Labor Statistics, *Monthly Labor Review*, October 1993.

No. 1384. Index of Industrial Production, by Country: 1980 to 1992

[Industrial production index measures output in the manufacturing, mining, and electric and gas utilities industries. Minus sign (-) indicates decrease]

COUNTRY	INDEX (1985=100)							ANNUAL PERCENT CHANGE					
	1980	1987	1988	1989	1990	1991	1992	1986-1987	1987-1988	1988-1989	1989-1990	1990-1991	1991-1992
OECD, total	**91.4**	**104.9**	**110.7**	**114.2**	**115.9**	**115.1**	**114.4**	**3.6**	**5.6**	**3.2**	**1.4**	**-0.6**	**-0.7**
Australia [1]	87.1	104.0	109.3	115.2	116.4	112.6	112.2	4.9	5.1	5.4	1.0	-3.3	-0.3
Austria	92.2	102.1	106.6	112.9	121.6	123.6	122.3	1.0	4.4	6.0	7.7	1.6	-1.1
Belgium	96.0	103.0	109.7	113.4	117.7	115.3	115.2	2.1	6.5	3.4	3.8	-2.0	-0.1
Canada [2]	86.2	104.1	109.6	109.4	106.0	102.1	102.5	4.9	5.3	-0.1	-3.1	-3.7	0.4
Finland	86.0	106.5	111.1	113.8	114.5	103.3	105.8	4.6	4.3	2.4	0.6	-9.7	2.4
France	101.9	102.8	107.7	112.1	114.2	114.2	112.8	1.9	4.7	4.1	1.9	-	-1.2
Germany [3]	97.2	102.5	106.2	111.5	117.2	120.6	118.3	0.4	3.6	5.0	5.1	2.9	-1.9
Greece	92.5	97.5	102.5	104.4	101.9	100.5	99.3	-1.5	5.2	1.8	-2.4	-1.4	-1.2
Ireland	78.0	111.3	123.2	137.5	143.9	148.6	162.2	8.9	10.7	11.6	4.7	3.3	9.1
Italy	103.2	106.8	114.2	118.7	117.9	115.4	113.6	2.6	6.9	3.9	-0.7	-2.1	-1.6
Japan	84.4	103.3	114.7	120.3	125.4	127.7	120.4	3.4	11.1	4.8	4.2	1.9	-5.8
Luxembourg	82.3	101.2	110.0	118.6	118.0	118.6	117.4	-0.6	8.7	7.8	-0.5	0.5	-1.0
Netherlands	94.6	101.3	101.3	106.5	109.0	113.2	113.4	1.1	0.1	5.1	2.4	3.8	0.2
Norway	82.4	110.0	113.3	124.1	126.3	128.9	137.2	6.6	3.0	9.6	1.7	2.1	6.5
Portugal	84.9	112.0	116.2	124.1	135.2	135.3	132.1	4.4	3.8	6.7	9.0	-	-2.3
Spain	96.7	107.9	111.1	116.1	116.1	115.3	112.0	4.6	3.0	4.5	-	-0.7	-2.9
Sweden [4]	90.2	103.0	104.3	108.1	109.3	103.2	99.1	2.5	1.3	3.7	1.1	-5.6	-4.0
Switzerland [5]	97.0	105.0	112.0	115.0	118.0	119.0	118.0	1.2	6.2	3.0	2.7	0.8	-0.6
United Kingdom	92.6	106.5	111.4	113.9	113.4	109.0	108.6	4.0	4.6	2.2	-0.4	-3.9	-0.3
United States	**89.1**	**105.9**	**110.6**	**112.3**	**112.3**	**110.2**	**112.8**	**4.9**	**4.4**	**1.5**	**-**	**-1.9**	**2.4**

- Represents or rounds to zero. [1] Index of Real Gross Product in industry. [2] Gross domestic product in industry at factor cost and 1986 prices. [3] Former West Germany. [4] Mining and manufacturing. [5] Excludes mining and quarrying.

Source: Organization for Economic Cooperation and Development, Paris, France, *Main Economic Indicators, Historical Statistics, 1969-1988*, 1990; and *Main Economic Indicators*, monthly.

No. 1385. International Economic Composite Indexes, by Country: 1980 to 1993

[Average annual percent change from previous year; derived from indexes with base 1980=100. The coincident index changes are for calendar years and the leading index changes are for years ending June 30 because they lead the coincident indexes by about 6 months, on average. The G-7 countries are United States, Canada, France, Germany, Italy, United Kingdom, and Japan. Minus sign (-) indicates decrease]

COUNTRY	1980	1983	1984	1985	1986	1987	1988	1989	1990	1991	1992	1993
LEADING INDEX												
Total, 11 countries	2.4	1.6	9.2	2.9	2.0	4.6	7.9	5.0	2.3	-1.2	0.7	1.1
10 countries, excluding U.S.	6.7	0.6	5.9	4.4	1.7	5.1	8.2	5.9	3.3	-0.9	-2.2	-2.1
G-7 countries	2.4	1.6	9.2	2.7	1.9	4.4	7.7	4.9	2.4	-1.2	0.5	0.9
North America	-2.8	2.8	13.9	1.0	2.6	3.7	7.2	3.6	0.7	-1.8	4.8	5.2
United States	-3.3	3.0	14.1	0.8	2.5	3.9	7.3	3.8	1.0	-1.6	5.1	5.4
Canada	3.3	0.6	11.3	4.3	3.0	2.7	6.1	1.0	-2.2	-4.6	0.8	3.8
4 European countries	2.8	1.2	3.9	2.4	2.2	3.6	3.1	4.2	1.5	0.9	0.8	0.1
France	4.5	0.9	3.8	2.7	1.9	6.1	5.2	6.0	0.5	1.0	2.9	0.3
Germany [1]	2.5	2.0	6.0	2.0	2.9	1.6	3.5	5.2	4.6	3.5	0.4	-1.8
Italy	3.0	-1.0	0.8	2.7	4.1	4.2	0.6	2.1	0.3	-1.8	-0.3	1.8
United Kingdom	1.0	2.1	3.5	2.2	0.2	3.3	2.0	2.3	-0.8	-1.8	-0.2	1.8
5 Pacific region countries	14.5	-0.2	8.1	7.9	0.7	7.8	16.1	8.6	6.3	-2.7	-6.3	-5.7
Australia	6.3	-3.8	9.1	6.6	2.9	3.4	7.2	5.1	-1.9	-3.2	1.2	3.8
China: Taiwan	4.8	8.0	11.9	6.4	8.2	13.6	14.5	12.3	7.5	1.2	8.0	5.9
Japan	17.2	-0.5	7.9	8.3	-0.4	7.6	17.6	8.9	7.2	-3.2	-8.7	-8.3
South Korea	-2.6	8.1	9.3	4.7	9.8	17.2	13.7	10.0	4.5	3.7	5.2	4.0
New Zealand	1.8	-1.7	6.4	5.3	-1.1	2.8	-1.5	0.8	1.6	-3.1	2.5	4.0
COINCIDENT INDEX												
Total, 11 countries	0.3	1.6	6.0	3.7	3.2	4.1	6.0	4.8	3.6	0.1	0.7	0.2
10 countries, excluding U.S.	2.5	1.2	3.6	3.9	3.5	4.5	6.9	6.4	5.7	2.6	0.5	-1.4
G-7 countries	0.2	1.7	5.8	3.6	2.9	4.0	6.0	4.7	3.5	0.1	0.6	0.1
North America	-2.4	2.3	9.3	3.6	2.6	3.8	4.8	2.4	-	-4.0	0.8	2.9
United States	-2.8	2.4	9.6	3.4	2.5	3.7	4.7	2.3	-0.4	-4.0	0.9	3.0
Canada	2.0	2.0	6.3	5.2	3.5	4.9	5.9	2.7	0.2	-3.7	0.4	2.3
4 European countries	1.5	0.5	2.2	2.9	3.7	3.8	6.1	6.0	5.6	1.7	-0.2	-2.8
France	1.3	2.0	0.5	1.4	3.9	5.0	8.0	6.7	7.1	2.4	0.6	-1.3
Germany [1]	2.5	-0.5	2.7	3.5	4.3	3.1	3.5	5.4	7.2	5.4	0.2	-4.5
Italy	5.2	-1.0	3.4	2.5	1.7	1.5	5.2	2.1	4.6	2.1	-1.1	-8.2
United Kingdom	-2.1	1.5	2.6	4.4	3.5	5.2	7.9	5.9	2.3	-4.5	-1.6	1.1
5 Pacific region countries	4.2	2.0	5.3	5.1	3.5	5.2	8.2	7.5	6.7	4.6	1.5	0.1
Australia	5.0	-6.8	9.4	7.4	5.2	3.8	8.3	10.3	0.8	-7.4	-0.9	2.6
China: Taiwan	7.1	7.4	12.0	5.0	10.7	11.6	6.0	6.1	1.8	4.3	5.5	4.2
Japan	4.5	2.3	4.6	4.7	2.6	4.6	8.3	7.4	7.5	5.8	1.4	-0.7
South Korea	-4.3	11.0	9.0	5.5	11.7	13.5	10.6	6.1	9.3	7.9	4.4	3.7
New Zealand	2.0	0.8	3.6	2.1	1.4	1.4	-1.0	-0.4	1.3	-0.9	1.2	3.3

- Represents or rounds to zero. [1] Former West Germany.

Source: Center for International Business Cycle Research, Columbia Business School, New York, NY, *International Economic Indicators,* monthly.

No. 1386. Patents, by Country: 1992

[Includes only U.S. patents granted to residents of areas outside of the United States and its territories]

TOP COUNTRY	Total [1]	Inventions	Designs	TOP COUNTRY	Total [1]	Inventions	Designs
Total, foreign country residents	**48,699**	**45,189**	**3,256**	Netherlands	973	855	66
Japan	23,151	21,925	1,149	Sweden	728	627	98
Germany	7,605	7,311	258	South Korea	586	538	48
France	3,280	3,029	234	Australia	498	410	83
United Kingdom	2,633	2,425	194	Austria	402	370	30
Canada	2,217	1,964	240	Finland	380	360	19
Italy	1,446	1,271	172	Belgium	370	324	43
Switzerland	1,293	1,196	93	Israel	350	335	8
China: Taiwan	1,252	1,000	250	Denmark	275	193	77
				Other countries	1,260	1,066	194

[1] Includes patents for botanical plants and reissues, not shown separately.

Source: U.S. Patent and Trademark Office, Technology Assessment and Forecast Data Base.

No. 1387. World's 500 Largest Industrial Corporations, by Country: 1991

[**Sales as of December 31, 1991, assets as of company's fiscal year-end.** Companies must have derived more than 50% of their sales from manufacturing and/or mining. Sales of consolidated subsidiaries are included and exclude excise taxes collected by manufacturers. Profits are shown after taxes and extraordinary credits or charges]

COUNTRY	Number of companies	Sales ($bil.)	Profits ($bil.)	Assets ($bil.)	Employees (1,000)	COUNTRY	Number of companies	Sales ($bil.)	Profits ($bil.)	Assets ($bil.)	Employees (1,000)
Australia	9	48	15	671	235	Japan	119	1,097	258	11,827	3,458
Canada	9	49	12	685	289	Netherlands	7	58	12	576	405
Finland	5	28	-10	338	95	South Korea	13	143	14	1,185	547
France	32	337	75	4,376	1,866	Sweden	14	93	6	1,052	615
Germany	33	473	91	3,998	3,017	Switzerland	10	117	53	1,306	754
India	6	27	7	328	966	U.K.	45	477	222	4,831	2,587
Italy	7	186	7	1,235	851	**U.S.**	**157**	**1,785**	**435**	**20,148**	**9,045**

Source: Time Warner, New York, NY, *The Fortune Directories,* (copyright).

No. 1388. Indexes of Hourly Compensation Costs for Production Workers in Manufacturing, by Country: 1980 to 1992

[**United States = 100.** Compensation costs include pay for time worked, other direct pay, employer expenditures for legally required insurance programs and contractual and private benefit plans, and for some countries, other labor taxes. Data adjusted for exchange rates. Area averages are trade-weighted to account for differences in countries' relative importance to U.S. trade in manufactured goods. The trade weights used are the sum of U.S. imports of manufactured products for consumption (customs value) and U.S. domestic exports of manufactured products (f.a.s. value) in 1986; see source for detail]

AREA OR COUNTRY	1980	1985	1989	1990	1991	1992	AREA OR COUNTRY	1980	1985	1989	1990	1991	1992
United States	**100**	**100**	**100**	**100**	**100**	**100**	Austria [6]	87	56	95	114	111	122
Total [1]	71	55	83	90	92	96	Belgium	133	69	108	129	127	136
OECD [2]	84	65	97	105	107	111	Denmark	110	62	101	120	117	124
Europe [3]	103	63	102	119	118	126	Finland [7]	83	63	116	139	132	116
Asian newly industrializing economies [4]	12	12	23	25	27	30	France	91	58	88	102	98	104
Canada	88	84	104	107	110	105	Germany [8]	125	74	124	147	145	160
Mexico	22	12	10	11	13	15	Greece	38	28	38	45	44	(NA)
Australia	85	63	86	86	86	80	Ireland	60	46	67	79	77	82
Hong Kong [5]	15	13	19	21	23	24	Italy	83	59	101	117	117	120
Israel	38	31	54	57	56	(NA)	Luxembourg	121	59	95	110	(NA)	(NA)
Japan	56	49	87	85	93	100	Netherlands	122	67	105	123	118	128
South Korea	10	10	23	26	28	30	Norway	117	80	128	144	139	143
New Zealand	54	34	54	56	54	49	Portugal	21	12	20	25	27	31
Singapore	15	19	22	25	28	31	Spain	60	36	62	76	78	83
Sri Lanka	2	2	2	2	(NA)	(NA)	Sweden	127	74	122	140	142	150
China: Taiwan	10	12	25	26	28	32	Switzerland	112	74	117	140	139	144
							United Kingdom	77	48	74	85	88	91

NA Not available. [1] The 25 foreign economies for which 1992 data are available. [2] Canada, Australia, Japan, New Zealand, and the 16 European countries for which 1992 data are available. [3] The 16 European countries for which 1992 data are available. [4] Hong Kong, South Korea, Singapore, and China: Taiwan. [5] Average of selected manufacturing industries. [6] Excludes workers in establishments considered handicraft manufactures (including all printing and publishing and miscellaneous manufacturing in Austria). [7] Includes workers in mining and electrical power plants. [8] Former West Germany.

Source: Bureau of Labor Statistics, *Report 844*, April 1993.

No. 1389. Structure of Manufacturing Industry, by Country: 1980 to 1990

[**In percent.** Contribution of each industry group to total manufacturing production. Based on International Standard Industrial Classification; see text, section 30, and source. Numbers in parentheses refer to ISIC codes]

COUNTRY	Food (3100)	Textile (3200)	Wood (3300)	Paper (3400)	Chemical (3500)	Nonmetal (3600)	Basic metal (3700)	Machinery (3800)	Other (3900)
United States: 1980	14.5	5.6	2.8	7.7	22.2	2.5	6.8	36.6	1.3
1985	14.1	5.3	2.9	9.1	19.9	2.4	4.5	40.8	1.1
1990	14.5	4.9	3.1	9.9	19.9	2.3	4.7	39.5	1.2
Japan: 1980	11.3	5.4	3.6	6.2	19.3	3.9	11.4	37.7	1.2
1985	11.0	4.9	2.4	6.1	16.7	3.3	8.5	45.7	1.4
1990	10.2	4.2	2.5	6.6	14.2	3.3	7.4	50.2	1.4
France: 1980	17.0	6.9	3.1	5.6	21.4	3.5	8.4	32.6	1.3
1985	17.6	6.9	2.5	6.5	21.6	3.0	7.3	33.3	1.3
1990	16.5	5.9	2.8	7.4	18.4	3.4	6.5	37.9	1.3
Italy: 1980	12.2	11.4	3.2	4.6	19.7	5.6	10.1	32.5	0.8
1985	12.6	13.5	2.9	5.4	22.5	4.8	9.6	27.8	0.8
1990	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Portugal: 1980	18.2	18.9	6.0	6.3	24.5	6.1	2.2	17.6	0.2
1985	19.5	18.5	3.6	6.8	28.5	4.8	3.3	15.0	0.2
1990	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Sweden: 1980	13.3	2.6	8.1	13.5	15.3	2.6	8.5	35.8	0.4
1985	13.9	2.1	6.4	13.9	15.5	2.1	7.9	37.9	0.3
1990	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
United Kingdom: 1980	18.6	5.9	2.9	6.8	20.6	3.6	6.8	33.9	0.9
1985	18.7	5.6	2.7	7.5	21.1	3.5	5.8	34.2	0.9
1990	15.8	5.0	3.1	8.7	18.9	3.9	5.4	38.2	1.0
West Germany: 1980	12.4	5.4	3.4	4.1	22.9	3.4	7.6	40.3	0.5
1985	12.2	4.8	2.4	4.2	23.7	2.7	6.6	43.1	0.4
1990	11.7	4.4	2.8	(NA)	(NA)	2.8	5.5	47.5	0.5

NA Not available. [1] Manufacture of food, beverages, and tobacco. [2] Textile, apparel, and leather. [3] Wood products and furniture. [4] Paper, paper products and printing. [5] Chemical products, petroleum, coal, rubber, and plastic products. [6] Nonmetallic mineral products, except petroleum and coal products. [7] Basic metal industries, including iron, steel, and nonferrous metal. [8] Fabricated metal products, machinery and equipment.

Source: Organization for Economic Cooperation and Development, Paris, France, *OECD Industrial Structure Statistics, 1988;* and unpublished data.

No. 1390. Selected Indexes of Manufacturing Activity, by Country: 1970 to 1992

[1982=100. Data relate to all employed persons in the United States and Canada; all employees in other countries. Minus sign (-) indicates decrease. For explanation of average annual percent change, see Guide to Tabular Presentation]

INDEX	United States	Belgium	Canada	Denmark	France	Germany [1]	Italy	Japan	Netherlands	Sweden	United Kingdom
Output per hour:											
1970	(NA)	44.3	76.9	57.2	59.6	67.1	54.6	52.0	52.9	69.0	71.3
1980	92.9	87.5	99.9	98.0	90.5	98.5	95.5	92.1	93.9	96.3	90.3
1985	106.8	117.2	119.8	105.0	108.2	113.4	122.3	112.0	118.7	113.2	117.4
1990	122.2	133.9	120.6	107.5	127.2	125.5	141.1	144.5	130.1	124.9	146.3
1991	124.5	136.9	121.4	108.9	127.0	129.2	145.8	150.7	131.3	126.5	151.9
1992	129.9	142.7	126.4	110.4	130.7	129.8	151.2	143.2	132.3	135.5	159.4
Average annual percent change:											
1979-85	2.0	6.1	2.4	2.1	3.1	2.1	5.0	3.9	4.2	3.0	4.4
1985-92	2.8	2.9	0.8	0.7	2.7	2.0	3.1	3.6	1.6	2.6	4.5
1991-92	4.3	4.3	4.2	1.4	2.9	0.5	3.7	-5.0	0.8	7.2	4.9
Compensation per hour, national currency basis: [2]											
1970	(NA)	23.2	28.7	22.3	18.1	34.5	11.6	25.0	27.8	24.4	14.5
1980	83.3	86.3	78.6	83.4	72.7	89.2	70.2	89.0	88.5	84.5	77.9
1985	111.2	122.0	116.8	120.6	129.7	116.3	150.9	110.1	111.5	131.8	127.5
1990	134.7	147.8	146.9	155.1	159.3	148.0	213.3	138.3	123.3	197.5	187.5
1991	141.9	157.2	155.8	161.9	166.1	157.8	236.1	146.3	129.7	215.1	208.5
1992	148.2	164.6	162.2	166.3	171.7	167.3	252.2	153.0	136.7	222.3	226.0
Average annual percent change:											
1979-85	6.9	7.8	8.7	8.1	12.8	5.9	16.7	4.7	4.8	9.6	12.1
1985-92	4.2	4.4	4.8	4.7	4.1	5.3	7.6	4.8	3.0	7.8	8.5
1991-92	4.4	4.6	4.1	2.7	3.4	6.0	6.8	4.6	5.4	3.4	8.4
Real hourly compensation: [2,3]											
1970	(NA)	55.1	77.4	70.1	58.3	62.6	60.3	63.6	63.9	72.6	64.3
1980	97.5	101.0	97.9	102.6	92.2	99.9	96.9	96.0	100.0	103.0	94.9
1985	99.8	101.6	101.8	101.4	103.9	107.9	109.3	103.6	102.7	102.6	109.3
1990	99.4	110.9	102.9	107.5	109.8	128.6	117.3	121.7	109.2	114.4	120.6
1991	100.5	114.1	103.3	109.6	110.8	132.4	121.8	124.7	110.6	114.2	126.6
1992	101.9	116.8	106.0	110.3	111.9	135.0	123.5	128.2	112.4	115.7	132.3
Average annual percent change:											
1979-85	0.1	0.8	0.7	-0.5	2.3	1.8	1.5	1.1	0.3	-0.5	2.9
1985-92	0.3	2.0	0.6	1.2	1.1	3.3	1.8	3.1	1.3	1.7	2.8
1991-92	1.3	2.4	2.6	0.6	1.0	2.0	1.3	2.8	1.7	1.3	4.5
Unit labor costs, national currency:											
1970	(NA)	52.2	37.3	39.0	30.4	51.4	21.3	48.0	52.7	35.3	20.3
1980	89.6	98.7	78.7	85.1	80.3	90.6	73.5	96.7	94.2	87.7	86.3
1985	104.2	104.1	97.6	114.9	119.9	102.6	123.4	98.4	93.9	116.4	108.6
1990	110.3	110.4	121.8	144.2	125.3	117.9	151.2	95.7	94.7	158.1	128.2
1991	114.0	114.9	128.4	148.7	130.7	122.1	161.9	97.1	98.8	170.1	137.2
1992	114.0	115.3	128.3	150.6	131.4	128.8	166.8	106.9	103.3	164.1	141.8
Average annual percent change:											
1979-85	4.9	1.6	6.1	5.9	9.4	3.8	11.1	0.7	0.6	6.4	7.4
1985-92	1.3	1.5	4.0	3.9	1.3	3.3	4.4	1.2	1.4	5.0	3.9
1991-92	0.1	0.4	-	1.3	0.5	5.5	3.0	10.1	4.6	-3.6	3.3
Unit labor costs, U.S. dollar basis: [4]											
1970	(NA)	48.2	44.1	43.4	36.2	34.2	46.0	33.4	38.9	42.8	27.9
1980	89.6	154.7	83.1	126.2	125.2	121.2	116.3	106.7	126.8	130.3	114.8
1985	104.2	80.3	88.2	90.4	87.8	84.6	87.5	102.7	75.6	85.0	80.6
1989	106.6	123.7	120.3	159.0	125.8	148.3	139.5	171.1	117.7	141.9	117.6
1990	110.3	151.2	128.9	194.4	151.3	177.1	170.8	164.4	138.9	167.7	130.8
1991	114.0	153.8	138.3	193.8	152.3	178.5	176.6	179.7	141.0	176.6	138.7
1992	114.0	164.2	131.1	208.2	163.3	200.3	183.3	210.0	157.0	176.9	143.3
Average annual percent change:											
1979-85	4.9	-9.7	3.4	-5.8	-3.4	-4.1	-3.3	-0.8	-7.5	-5.2	-1.0
1985-92	1.3	10.7	5.8	12.6	9.3	13.1	11.1	10.8	11.0	11.0	8.6
1991-92	0.1	6.8	-5.2	7.4	7.2	12.2	3.8	16.8	11.3	0.2	3.3
Employment:											
1970	(NA)	137.7	96.3	119.6	105.4	115.2	97.6	99.9	135.4	114.4	141.9
1980	107.8	109.9	108.4	103.9	105.0	104.9	107.8	98.5	108.1	107.4	117.5
1985	102.3	95.1	103.6	112.4	92.5	97.4	89.8	106.9	96.5	99.7	91.7
1990	101.8	92.9	109.5	112.1	88.6	103.3	89.9	112.0	103.2	95.8	87.0
1991	98.2	92.0	101.7	109.5	87.3	104.9	87.5	116.3	102.5	89.5	80.8
1992	96.2	88.6	97.4	108.2	85.0	103.1	84.0	118.4	101.5	81.2	76.2
Average annual percent change:											
1979-85	-1.4	-2.7	-0.8	1.0	-2.3	-1.1	-2.9	1.7	-2.1	-1.2	-4.9
1985-92	-0.9	-1.0	-0.9	-0.5	-1.2	0.8	-0.9	1.5	0.7	-2.9	-2.6
1991-92	-2.1	-3.8	-4.3	-1.2	-2.6	-1.8	-3.9	1.8	-1.0	-9.2	-5.6
Aggregate hours:											
1970	(NA)	159.9	102.1	132.3	122.0	129.7	107.0	105.9	152.0	131.9	154.9
1980	109.8	110.1	110.8	103.7	111.2	106.3	108.0	99.3	108.1	106.3	118.1
1985	106.7	93.5	106.0	109.8	91.6	95.6	89.0	108.2	93.6	102.2	92.7
1990	106.9	94.4	111.1	106.9	88.4	97.0	93.7	111.2	99.4	99.5	88.1
1991	102.6	92.0	103.1	104.7	86.8	97.5	90.2	112.8	98.5	92.8	80.3
1992	101.5	88.5	99.4	103.8	84.7	95.6	86.6	111.5	97.4	85.9	75.9
Average annual percent change:											
1979-85	-1.2	-3.3	-0.9	0.8	-3.4	-1.8	-3.1	1.8	-2.5	-0.9	-5.3
1985-92	-0.7	-0.8	-0.9	-0.8	-1.1	-	-0.4	0.4	0.6	-2.4	-2.8
1991-92	-1.1	-3.8	-3.6	-0.9	-2.4	-2.0	-4.0	-1.2	-1.2	-7.4	-5.5

- Represents or rounds to zero. NA Not available. [1] Former West Germany. [2] 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. [3] Index of hourly compensation divided by the index of consumer prices to adjust for changes in purchasing power. [4] Indexes in national currency adjusted for changes in prevailing exchange rates.

Source: Bureau of Labor Statistics, *Monthly Labor Review*, Dec. 1993, and *News Release* USDL 94-64, Feb. 8, 1994.

No. 1391. Crude Steel Production, by Country: 1980 to 1991

[In million metric tons. Covers both ingots and steel for castings and excludes wrought (puddled) iron]

COUNTRY	1980	1983	1984	1985	1986	1987	1988	1989	1990	1991
World	**718.2**	**672.8**	**718.3**	**727.1**	**721.2**	**741.2**	**783.3**	**785.0**	**767.0**	**725.1**
United States [1]	**101.5**	**76.8**	**83.9**	**80.1**	**74.0**	**80.9**	**91.8**	[2]**88.9**	[2]**89.7**	**79.1**
Argentina	2.6	2.8	2.5	2.8	3.1	3.5	3.5	3.9	[2]3.6	[2]3.0
Australia [3]	7.9	5.4	4.6	6.3	6.8	6.2	6.1	6.7	6.7	6.0
Austria	4.6	4.4	4.9	4.7	4.3	4.3	4.4	4.9	[2]4.3	4.1
Belgium	12.3	10.3	11.4	10.8	9.8	9.8	11.3	11.0	11.5	11.3
Brazil	15.3	14.7	18.4	20.5	21.2	22.1	24.6	25.0	20.5	22.6
Bulgaria	2.6	2.8	2.9	2.9	3.0	3.0	2.9	2.9	2.2	2.0
Canada	15.9	12.8	14.7	13.5	14.1	14.7	14.8	[2]15.0	[2]12.2	13.0
China: Mainland	39.0	41.9	45.6	49.5	54.8	58.9	62.1	64.2	68.9	71.0
Czechoslovakia	15.2	15.0	14.8	15.0	15.1	15.4	15.4	15.5	14.8	12.1
Finland	2.5	2.4	2.6	2.5	2.6	2.7	2.8	2.9	2.9	2.9
France	23.2	17.6	19.0	18.8	17.9	17.7	19.1	19.5	19.3	18.7
Germany	51.1	42.9	47.0	48.4	45.1	44.4	49.1	48.9	43.7	41.6
Greece	1.1	0.9	0.9	1.0	1.0	0.9	1.0	1.0	1.0	1.0
Hungary	3.8	3.5	3.6	3.5	3.6	3.5	3.5	3.3	2.9	2.0
India	9.4	10.1	10.3	11.2	11.4	12.3	13.0	12.9	13.0	(NA)
Indonesia [4]	0.4	0.8	1.0	1.2	1.5	1.5	[2]2.0	[2]2.0	[2]2.1	(NA)
Italy	26.5	21.8	24.1	23.9	22.9	22.9	23.9	25.5	25.6	25.3
Japan	111.4	97.2	105.6	105.3	98.3	98.5	105.7	107.9	110.3	109.6
Luxembourg	4.6	3.3	4.0	3.9	3.7	3.3	3.7	3.7	3.6	3.4
Mexico	7.0	6.7	7.3	7.2	7.0	7.2	7.3	7.3	8.2	7.5
Netherlands	5.3	4.5	5.7	5.5	5.3	5.1	5.5	5.7	5.4	5.2
North Korea [2,4]	5.8	6.1	6.5	6.5	6.5	6.5	8.0	8.0	8.0	(NA)
Poland	18.6	16.2	15.2	15.4	16.3	16.3	15.9	13.1	12.2	9.3
Romania	10.7	13.3	15.2	14.6	15.0	14.6	15.1	15.2	10.6	7.8
South Africa	9.1	7.2	7.8	8.6	8.1	9.1	8.8	9.3	8.7	9.4
South Korea	14.4	16.4	17.8	18.6	18.8	19.5	21.3	23.7	24.5	27.9
Soviet Union	147.9	152.5	154.2	154.7	160.6	161.9	163.0	160.1	154.4	(NA)
Spain	12.6	13.3	13.4	14.7	[2]12.1	[2]11.6	[2]11.7	[2]12.6	[2]12.8	12.7
Sweden	4.2	4.2	4.7	4.9	4.7	4.7	4.8	4.7	[2]4.5	(NA)
Turkey	1.7	3.6	4.1	4.7	6.0	7.0	8.0	7.9	8.4	8.6
United Kingdom	11.3	15.0	15.1	15.7	14.7	17.4	19.0	18.7	17.8	16.5
Venezuela	1.8	2.3	2.8	3.1	3.4	3.7	3.7	3.4	3.1	2.9
Yugoslavia	3.6	4.1	4.2	4.5	4.5	4.4	4.5	4.5	3.6	2.2

NA Not available. [1] Excludes steel for castings made in foundries operated by companies not producing ingots. [2] Estimated. [3] For year ending June 30. [4] Source: U.S. Bureau of Mines.

Source: Except as noted, Statistical Office of the United Nations, New York, NY, *Statistical Yearbook* and *Industrial Statistics Yearbook*, vol. II, annuals, (copyright).

No. 1392. World Production of Major Mineral Commodities: 1990 to 1993

COUNTRY	Unit	1990	1991	1992, est.	1993, est.	Leading producers, 1992
MINERAL FUELS [1]						
Coal	Mil. metric tons	4,745	4,506	4,527	(NA)	China, United States, Russia
Dry natural gas	Tril. cu. ft.	73.7	74.8	75.0	(NA)	Russia, United States, Canada
Natural gas plant liquids [2]	Mil. barrels [3]	1,728	1,809	1,868	(NA)	United States, Saudi Arabia, Canada
Petroleum, crude	Mil. barrels [3]	22,072	21,936	21,993	(NA)	Saudi Arabia, Russia, United States
Petroleum, refined	Mil. barrels [3]	23,791	23,624	(NA)	(NA)	United States, Russia, Japan (for 1991)
NONMETALLIC MINERALS						
Cement, hydraulic	Mil. metric tons	1,148	1,190	1,254	1,266	China, Japan, United States
Diamond, gem and industrial	1,000 carats	110,919	105,855	107,771	(NA)	Australia, Russia, Botswana
Nitrogen in ammonia	Mil. metric tons	97.1	94.0	92.5	92.5	China, United States, Russia
Phosphate rock	Mil. metric tons	162	150	144	131	United States, China, Morocco
Potash, marketable	Mil. metric tons	27.8	26.1	24.3	22.4	Canada, Belarus, Russia
Salt	Mil. metric tons	184	192	185	185	United States, China, Germany
Sulfur, elemental basis	Mil. metric tons	58.1	55.0	52.4	53.0	United States, Russia, Canada
METALS						
Aluminum [4]	Mil. metric tons	19.3	19.5	19.2	19.0	United States, Russia, Canada
Bauxite, gross weight	Mil. metric tons	108.6	108.2	103.6	101.0	Australia, Guinea, Jamaica
Chromite, gross weight [2]	1,000 metric tons	12,968	13,445	10,896	10,000	Kazakhstan, South Africa, India
Copper, metal content [5]	1,000 metric tons	9,017	9,187	9,290	9,300	Chile, United States, Japan
Gold, metal content	Metric tons	2,133	2,149	2,248	2,290	South Africa, United States, Australia
Iron ore, gross weight [6]	Mil. metric tons	982	956	930	940	China, Brazil, Australia
Lead, metal content [5]	1,000 metric tons	3,353	3,276	3,242	3,200	Australia, United States, China
Manganese ore, gross weight	Mil. metric tons	25.3	21.2	19.9	20.4	Ukraine, China, South Africa
Nickel, metal content [5]	1,000 metric tons	965	949	922	826	Russia, Canada, New Caledonia
Steel, crude	Mil. metric tons	771	736	721	728	Japan, United States, China
Tin, metal content [5]	1,000 metric tons	222	203	179	175	China, Brazil, Indonesia
Zinc, metal content [5]	1,000 metric tons	7,184	7,170	7,137	7,000	Canada, Australia, China

NA Not available. [1] Source: Energy Information Administration, *International Energy Annual*. 1992 data preliminary. [2] Excludes China: Mainland. [3] 42-gallon barrels. [4] Unalloyed ingot metal. [5] Mine output. [6] Includes iron ore concentrates and iron ore agglomerates.

Source: Except as noted, U.S. Bureau of Mines, *Mineral Commodity Summaries, 1994*.

No. 1393. Energy Consumption and Production, by Country: 1980 to 1991

[See text, section 30, for general comments about the data. For additional data qualifications for countries, see source]

COUNTRY	ENERGY CONSUMED [1] (coal equiv.) Total (mil. metric tons)		Per capita (kilograms)		ELECTRIC ENERGY PRODUCTION [2] (bil. kWh)		CRUDE PETROLEUM PRODUCTION [3] (mil. metric tons)		COAL PRODUCTION [4] (mil. metric tons)	
	1980	1991	1980	1991	1980	1990	1980	1990	1980	1990
World	**8,783**	**10,950**	**1,626**	**2,026**	**8,237**	**11,771**	**2,982**	**3,019**	**2,728**	**3,561**
United States	**2,391**	**2,727**	**9,566**	**10,798**	[5]2,354	[5]3,041	**424**	**371**	**710**	**854**
Algeria	25	27	993	1,044	7	16	47	37	(Z)	[6](Z)
Argentina	50	65	1,537	1,977	40	51	25	25	(Z)	(Z)
Australia	91	127	5,351	7,298	(NA)	155	(NA)	26	(NA)	159
Austria	31	32	4,051	4,195	42	50	1	1	-	-
Bahrain	4	8	8,728	15,608	2	4	2	2	(NA)	(NA)
Bangladesh [7]	4	9	35	77	3	8	(Z)	[6](Z)	(X)	(X)
Belgium	65	69	6,560	6,900	53	71	(X)	(X)	6	[6]1
Brazil	92	121	619	797	139	223	9	33	(NA)	5
Bulgaria	34	29	3,771	3,270	35	41	[6](Z)	(Z)	(Z)	[6](Z)
Burma [8]	2	2	48	55	1	3	2	[6]1	(Z)	[6](Z)
Canada	259	294	9,725	10,903	378	482	70	76	20	38
Chile	11	16	864	1,182	12	18	2	1	1	2
China: Mainland	545	933	481	811	301	621	106	138	596	[10]1,080
Taiwan [11]	39	76	2,126	3,645	(NA)	(NA)	(Z)	(Z)	3	1
Colombia	20	28	627	848	21	35	7	22	4	21
Cuba	14	13	1,288	1,208	10	16	(Z)	[6]1	(X)	(X)
Czechoslovakia	99	89	6,317	5,666	73	89	(Z)	(Z)	[6]28	[6,8]23
Denmark	28	26	5,381	5,084	27	26	(Z)	6	(X)	(X)
Ecuador	6	8	539	757	3	6	10	15	(NA)	(NA)
Egypt	21	38	399	713	19	39	29	44	(X)	(X)
Ethiopia	1	1	16	29	1	1	(X)	(X)	(NA)	(NA)
Finland	27	34	5,497	6,845	[5]39	[5]54	(X)	(X)	(X)	(X)
France [12]	257	311	4,535	5,457	[5]246	[5]420	1	3	[6]20	[6]11
Germany [13]	382	509	6,237	6,375	368	455	[14]5	[14]4	94	[6]76
Greece	20	32	1,998	3,169	23	35	-	[14]1	(X)	(X)
Hong Kong	7	11	1,277	1,920	13	29	(NA)	(NA)	(X)	(X)
Hungary	39	38	3,730	3,574	24	28	2	2	[8]3	[6]2
India [9]	140	290	165	336	119	286	9	33	109	202
Indonesia	36	65	196	348	14	44	78	70	(Z)	7
Iran [15]	46	99	784	1,654	22	56	73	159	[6]1	[6]1
Iraq	11	18	589	970	11	29	130	101	(NA)	(NA)
Ireland	11	14	3,264	4,143	11	15	(X)	(X)	(Z)	(Z)
Israel	9	15	1,895	2,999	13	21	(Z)	(Z)	(X)	(X)
Italy [16]	192	231	3,335	3,998	183	217	2	5	(Z)	(Z)
Japan	455	590	3,684	4,754	578	857	(Z)	1	18	8
Kuwait [17]	12	4	5,605	1,925	9	21	84	60	(NA)	(NA)
Libya	7	20	1,607	4,328	5	19	88	67	(X)	(X)
Malaysia	11	28	632	1,534	10	23	13	30	(X)	(Z)
Mexico	116	162	1,376	1,879	[5]67	[5]122	100	133	7	[6]10
Morocco	7	10	260	384	5	10	(Z)	(Z)	1	1
Netherlands	100	109	6,695	7,248	65	72	1	4	-	-
New Zealand [18]	11	20	3,338	5,838	22	30	(Z)	2	2	2
Nigeria	12	24	110	210	7	10	104	86	(Z)	[6](Z)
North Korea	49	96	2,230	4,308	35	54	(X)	(X)	[6]36	[6]41
Norway [19]	26	29	6,217	6,818	84	122	25	80	(Z)	(Z)
Pakistan [7]	17	35	141	290	15	44	(Z)	3	2	3
Peru	11	10	512	476	10	14	10	7	(Z)	[6](Z)
Philippines	18	26	292	405	18	26	1	(Z)	(Z)	1
Poland	177	121	4,630	3,167	122	136	(Z)	(Z)	193	[6]147
Portugal	13	19	1,268	1,960	15	29	(X)	(X)	(Z)	(Z)
Romania	99	70	4,254	3,025	67	64	12	8	8	[6]5
Saudi Arabia [16]	25	107	1,704	6,922	19	47	496	320	(NA)	(NA)
South Africa [20]	84	107	1,955	2,431	90	167	(X)	(X)	117	176
South Korea	52	130	1,206	2,977	40	119	(X)	(X)	19	17
Soviet Union (former)	1,592	1,867	5,502	6,415	1,294	1,726	603	566	493	543
Spain	88	120	2,270	3,065	109	152	2	1	[8]13	[8]15
Sudan	2	2	60	62	1	1	(X)	(X)	(NA)	(NA)
Sweden	51	59	5,941	6,892	96	146	(Z)	(Z)	(Z)	(Z)
Switzerland [21]	28	32	4,114	4,698	[5]47	56	(X)	(X)	(X)	(X)
Syria	9	14	699	1,100	4	12	9	23	(X)	(X)
Tanzania	1	1	33	38	1	1	(X)	(X)	(Z)	[6](Z)
Thailand	17	46	317	833	15	46	(Z)	1	-	-
Trinidad and Tobago	7	11	6,041	8,400	2	4	11	8	(NA)	(NA)
Tunisia	4	7	510	839	3	6	6	5	(X)	(X)
Turkey	31	59	555	1,036	23	58	2	4	4	3
United Arab Emirates	10	36	6,233	22,379	6	14	83	102	(NA)	(NA)

See footnotes at end of table.

No. 1393. Energy Consumption and Production, by Country: 1980 to 1991—Continued

[See text, section 30, 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)							
	1980	1991	1980	1991	1980	1990	1980	1990	1980	1990
United Kingdom	281	309	4,877	5,353	284	319	79	88	[8]130	[8]94
Venezuela	49	68	2,549	3,429	36	56	115	112	(Z)	2
Vietnam	7	8	103	116	4	9	(X)	3	5	5
Yugoslavia	46	41	1,927	1,731	59	86	4	4	(Z)	(Z)
Zaire	2	2	52	65	4	6	1	[6]1	(Z)	[6](Z)
Zambia	2	2	279	205	[5]9	8	(X)	(X)	1	(Z)

- Represents or rounds to zero. NA Not available. X Not applicable. Z Less than 500,000 metric tons. [1] Based on apparent consumption of coal, lignite, petroleum products, natural gas, and hydro, nuclear, and geothermal 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] Provisional. [7] For year ending June of year shown. [8] Includes recovered slurries. [9] For year ending April of year shown. [10] Includes lignite. [11] Source: U.S. Bureau of the Census. Data from Republic of China publications. 1992 data shown for 1991. [12] Includes Monaco. [13] Prior to 1991, data for former West Germany. [14] Includes inputs other than crude petroleum and natural gas liquids. [15] For year ending March 20 of year shown. [16] Includes San Marino. [17] Includes share of production and consumption in the Neutral Zone. [18] For year ending March 31 for year shown. [19] Includes Svalbard and Jan Mayen Islands. [20] Includes Botswana, Lesotho, Namibia, and Swaziland. [21] Includes Liechtenstein.

Source: Except as noted, Statistical Office of the United Nations, New York, NY, *Energy Statistics Yearbook*, annual, (copyright).

No. 1394. Selected Petroleum Product Prices, by Country: 1993

[**As of January.** Includes taxes]

COUNTRY	AUTOMOTIVE FUELS (U.S. dollars per gallon)		RESIDENTIAL (U.S. dollars per gallon)			INDUSTRIAL (U.S. dollars per barrel)	
	Premium gasoline	Diesel fuel	Light fuel oil	Kerosene	Liquified petroleum gases	Light fuel oil	Heavy fuel oil
Argentina	2.60	(NA)	0.92	0.92	(NA)	(NA)	(NA)
Australia [1]	1.83	1.72	(NA)	(NA)	(NA)	(NA)	(NA)
Austria [1]	3.23	2.67	1.47	(NA)	1.82	44.76	45.08
Belgium [1]	3.32	2.34	0.91	(NA)	(NA)	32.04	16.53
Bolivia	2.49	1.42	0.83	0.88	(NA)	(NA)	(NA)
Brazil	2.01	1.27	(NA)	1.15	0.46	12.79	6.95
Canada [1]	1.85	1.55	1.12	(NA)	(NA)	26.34	15.72
Chile	1.59	1.26	(NA)	1.01	(NA)	(NA)	22.46
Denmark [1]	3.38	1.92	2.49	(NA)	(NA)	39.96	18.16
El Salvador	1.70	0.89	(NA)	0.87	0.62	40.16	17.67
Finland [1]	3.28	2.26	1.17	(NA)	(NA)	40.18	20.31
France [1]	3.41	2.05	1.44	(NA)	(NA)	42.85	16.29
Germany [1]	3.25	2.20	1.09	(NA)	(NA)	39.75	18.34
Greece [1]	3.27	1.97	1.71	(NA)	(NA)	97.76	20.19
India	2.34	0.80	(NA)	0.33	0.41	26.25	21.14
Indonesia	1.01	0.55	0.40	0.55	(NA)	21.85	21.85
Ireland [1]	3.55	2.70	1.52	(NA)	(NA)	44.48	22.06
Israel	0.68	0.70	(NA)	0.69	(NA)	(NA)	16.29
Italy [1]	3.77	2.52	2.98	(NA)	(NA)	105.19	23.06
Japan	4.55	2.45	2.45	1.62	7.77	78.48	33.47
Luxembourg [1]	2.48	1.85	0.97	(NA)	(NA)	36.42	17.68
Mexico [1]	[2]1.51	0.89	(NA)	(NA)	(NA)	35.14	11.97
Morocco	[2]2.91	1.73	0.88	(NA)	(NA)	32.77	32.35
Netherlands [1]	3.86	2.28	1.43	(NA)	(NA)	(NA)	25.08
Norway [1]	4.34	1.52	1.65	(NA)	(NA)	56.67	52.55
Pakistan	1.25	0.65	0.52	0.77	(NA)	21.85	27.31
Panama	1.57	1.08	(NA)	1.06	4.37	(NA)	26.68
Peru	2.28	1.27	(NA)	1.09	(NA)	45.79	29.41
Portugal [1]	3.54	2.48	2.60	(NA)	(NA)	104.07	26.18
Saudi Arabia	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
South Africa	0.67	0.69	(NA)	0.68	(NA)	(NA)	15.71
Spain [1]	3.21	2.24	1.54	(NA)	(NA)	56.20	18.35
Sweden [1]	4.20	2.05	2.03	(NA)	(NA)	35.43	27.29
Switzerland [1]	[2]2.52	2.65	0.83	(NA)	(NA)	31.98	18.85
Taiwan [1]	2.57	1.82	(NA)	(NA)	(NA)	37.24	21.88
Turkey [1]	2.60	1.89	2.01	(NA)	(NA)	(NA)	24.56
United Kingdom [1]	2.77	2.36	0.80	(NA)	(NA)	(NA)	15.29
United States [1]	1.31	0.98	0.94	0.82	0.75	26.34	14.83
Venezuela	0.29	0.22	(NA)	0.14	(NA)	(NA)	7.04

NA Not available. [1] Average for January. [2] Unleaded regular gasoline.

Source: Energy Information Administration, *International Energy Annual*.

No. 1395. Indices of Food Production, by Country: 1980 to 1992

[1979-1981 = 100. For explanation of average annual percent change, see Guide to Tabular Presentation. Minus sign (-) indicates decrease]

REGION AND COUNTRY	TOTAL FOOD PRODUCTION						PER CAPITA FOOD PRODUCTION					
	1980	1990	1991	1992	Average annual percent change 1980-1992	Average annual percent change 1991-1992	1980	1990	1991	1992	Average annual percent change 1980-1992	Average annual percent change 1991-1992
World	**99.18**	**125.69**	**125.44**	**128.36**	**2.1**	**2.3**	**99.19**	**105.62**	**103.60**	**104.22**	**0.4**	**0.6**
Developed countries	98.80	110.86	107.36	108.83	0.8	1.4	98.78	103.50	99.54	100.25	0.1	0.7
United States	95.68	105.60	104.09	114.02	1.5	9.5	95.63	96.15	93.86	101.80	0.5	8.5
Canada	99.27	127.11	127.04	124.25	1.9	-2.2	99.25	114.80	113.09	109.03	0.8	-3.6
Europe	100.99	108.94	108.57	105.83	0.4	-2.5	100.97	105.34	104.58	101.66	0.1	-2.8
Japan	94.52	100.94	93.81	99.36	0.4	5.9	94.49	95.38	88.37	93.43	-0.1	5.7
Oceania	94.65	110.92	110.36	120.79	2.0	9.5	94.71	95.18	93.25	100.24	0.5	7.5
South Africa	96.52	103.55	105.32	81.19	-1.4	-22.9	96.64	80.66	80.10	60.29	-3.9	-24.7
Soviet Union (former)	99.50	121.06	107.65	101.42	0.2	-5.8	99.49	111.38	98.32	91.97	-0.7	-6.5
Developing countries	99.56	140.87	143.93	148.35	3.3	3.1	99.61	114.31	114.43	115.57	1.2	1.0
Africa	99.83	132.66	138.87	134.93	2.5	-2.8	99.82	98.35	99.84	94.08	-0.5	-5.8
China: Mainland	99.29	156.06	160.02	167.74	4.4	4.8	99.32	134.81	136.17	140.65	2.9	3.3
Near East	100.31	133.40	135.41	142.52	2.9	5.3	100.40	99.95	98.52	100.68	0.0	2.2
Far East	99.48	148.19	151.42	157.11	3.8	3.8	99.53	123.06	123.50	125.88	2.0	1.9
India	98.06	148.89	152.30	156.91	3.9	3.0	98.14	121.30	121.70	122.98	1.9	1.1
Latin America	99.37	127.11	128.65	132.49	2.4	3.0	99.39	103.47	102.79	103.94	0.4	1.1
Mexico	99.96	125.92	126.96	134.37	2.5	5.8	100.04	100.01	98.70	102.28	0.2	3.6
Brazil	103.36	132.92	137.31	146.36	2.9	6.6	103.41	108.22	109.90	115.21	0.9	4.8
Argentina	95.25	109.94	112.38	116.80	1.7	3.9	95.22	96.01	96.97	99.60	0.4	2.7

Source: Food and Agriculture Organization of the United Nations, Rome, Italy, FAO AGRISTAT Database.

No. 1396. Wheat, Rice, and Corn—Exports and Imports of 10 Leading Countries: 1980 to 1991

[**In millions of dollars.** Countries listed are the ten leading exporters or importers in 1991]

LEADING EXPORTERS	EXPORTS 1980	EXPORTS 1990	EXPORTS 1991	LEADING IMPORTERS	IMPORTS 1980	IMPORTS 1990	IMPORTS 1991
WHEAT				WHEAT			
United States	**6,376**	**3,887**	**3,350**	Soviet Union (former)	2,891	2,490	2,553
Canada	3,302	2,863	3,315	Italy	773	1,217	1,685
France	2,110	3,296	2,793	China, Mainland	2,436	2,157	1,460
Australia	2,425	1,971	1,338	Japan	1,236	1,019	920
United Kingdom	260	760	758	Egypt	839	853	620
Argentina	816	871	479	South Korea	367	419	577
Germany	198	504	463	Brazil	1,051	331	550
Greece	27	156	311	Belgium-Luxembourg	360	384	501
Denmark	23	229	211	Spain	71	162	454
Turkey	52	4	204	Indonesia	162	282	366
RICE				RICE			
Thailand	953	1,086	1,196	Brazil	99	144	372
United States	**1,285**	**804**	**756**	Iran	209	225	236
Italy	289	357	361	France	154	216	231
Pakistan	422	242	345	United Kingdom	98	209	205
India	173	258	339	Saudi Arabia	230	153	147
Vietnam	10	305	188	Soviet Union (former)	265	119	145
Spain	22	108	171	Malaysia	60	100	127
Belgium-Luxembourg	91	168	152	South Africa	58	87	117
China, Mainland	450	84	152	Belgium-Luxembourg	80	106	108
Australia	145	143	140	Netherlands	93	112	104
CORN				CORN			
United States	**8,571**	**6,206**	**5,147**	Japan	2,011	2,295	2,242
France	869	1,854	1,420	Soviet Union (former)	1,508	1,690	1,536
China, Mainland	17	404	864	Taiwan	437	704	736
Argentina	513	329	410	South Korea	376	837	697
Thailand	352	162	153	Netherlands	626	538	532
Hungary	27	51	120	United Kingdom	547	396	398
Greece	-	32	94	Germany	996	486	392
Canada	113	28	93	Belgium-Luxembourg	473	298	323
Germany	39	71	88	Italy	450	363	291
Spain	1	41	86	Spain	668	307	255

- Represents or rounds to zero.

Source: U.S. Dept. of Agriculture, Economic Research Service, *World Agriculture-Trends and Indicators.*

No. 1397. Wheat, Rice, and Corn Production, by Country: 1980 to 1992

[**In thousands of metric tons.** Rice data cover paddy. Data for each country pertain to the calendar year in which all or most of the crop was harvested. See text, section 30, for general comments concerning quality of the data]

COUNTRY	WHEAT			RICE			CORN		
	1980	1990	1992	1980	1990	1992	1980	1990	1992
World	**440,141**	**592,811**	**566,282**	**398,879**	**520,549**	**526,360**	**397,472**	**479,008**	**530,067**
Argentina	7,780	11,014	9,685	266	428	695	6,400	5,047	10,699
Australia	10,856	15,066	16,184	613	846	1,128	151	219	210
Austria	1,201	1,404	1,325	(X)	(X)	(X)	1,293	1,620	1,118
Belgium-Luxembourg	906	1,347	1,428	(X)	(X)	(X)	39	56	86
Brazil	2,702	3,094	2,796	9,776	7,421	9,962	20,372	21,348	30,557
Burma	91	124	143	13,317	13,969	14,915	166	187	206
Canada	19,292	32,098	29,871	(X)	(X)	(X)	5,753	7,066	4,883
China: Mainland	55,213	98,232	101,594	142,852	191,589	188,290	62,715	97,158	95,760
Egypt	1,736	4,268	4,618	2,382	3,167	3,910	3,231	4,799	5,069
France	906	1,347	1,428	24	125	122	9,365	9,291	14,886
Germany	11,254	15,242	15,542	(X)	(X)	(X)	676	1,552	2,139
Greece	2,970	1,938	2,385	80	99	101	1,279	2,131	2,048
Hungary	6,077	6,198	3,444	24	39	15	6,673	4,500	4,417
India	55,213	98,232	101,594	80,312	111,517	108,011	6,957	8,962	10,400
Indonesia	(X)	(X)	(X)	29,652	45,179	47,700	3,991	6,734	7,996
Iran	5,850	8,012	10,350	1,311	1,981	2,500	60	130	200
Iraq	976	1,196	1,006	167	229	180	60	172	260
Italy	9,156	8,109	8,943	968	1,291	1,284	6,377	5,864	7,679
Japan	583	952	759	12,189	13,124	13,216	4	1	1
Mexico	2,785	3,935	3,626	445	394	361	12,374	14,640	17,003
Pakistan	10,857	14,316	15,684	4,685	4,891	4,674	970	1,185	1,178
South Korea	92	1	1	5,311	7,722	7,835	154	120	92
Soviet Union (former)	92,500	101,891	90,037	2,594	2,166	1,969	9,454	9,886	7,319
Sweden	1,193	2,243	1,411	(X)	(X)	(X)	(X)	(X)	(X)
Thailand	-	-	1	17,368	17,193	19,935	2,998	3,722	3,672
United Kingdom	8,470	14,033	14,092	(X)	(X)	(X)	1	(NA)	(NA)
United States	**64,800**	**74,473**	**66,920**	**6,629**	**7,080**	**8,123**	**168,647**	**201,532**	**240,774**
Yugoslavia	5,091	6,359	4,100	42	28	43	9,317	6,724	7,025

- Represents or rounds to zero. NA Not available. X Not applicable.

Source: U.S. Department of Agriculture, Economic Research Service, *World Agriculture-Trends and Indicators.*

No. 1398. Fisheries—Commercial Catch, by Country: 1987 to 1991

[**In thousands of metric tons, live weight.** Catch of fish, crustaceans, mollusks (including weight of shells). Does not include marine mammals and aquatic plants]

COUNTRY	1987	1988	1989	1990	1991	COUNTRY	1987	1988	1989	1990	1991
World	**94,399**	**99,062**	**100,333**	**97,434**	**96,926**	North Korea (est.)	1,700	1,700	1,700	1,750	1,700
Canada	1,565	1,610	1,572	1,624	1,529	Norway	1,949	1,839	1,908	1,711	2,095
Chile	4,814	5,209	6,454	5,195	6,002	Peru	4,587	6,641	6,853	6,875	6,944
China: Mainland	9,346	10,358	11,219	12,095	13,134	Philippines	1,988	2,010	2,098	2,208	2,311
Denmark	1,706	1,971	1,927	1,517	1,793	South Korea	2,876	2,728	2,833	2,833	2,515
Iceland	1,632	1,759	1,504	1,508	1,051	Soviet Union (former)	11,159	11,332	11,310	10,389	9,216
India	2,906	3,125	3,640	3,794	4,036	Spain	1,524	1,592	1,559	1,450	1,350
Indonesia	2,583	2,789	2,948	3,043	3,186	**United States**	**5,986**	**5,937**	**5,763**	**5,858**	**5,473**
Japan	11,857	11,966	11,173	10,350	9,306	Thailand	2,779	2,642	2,699	2,786	3,065
Mexico	1,419	1,372	1,469	1,400	1,429						

Source: U.S. National Oceanic and Atmospheric Administration, National Marine Fisheries Service, *Fisheries of the United States,* annual. Data from Food and Agricultural Organization of the United Nations, Rome, Italy.

No. 1399. Meat Production, by Country: 1980 to 1993

[**In thousands of metric tons, carcass weight.** Covers beef and veal (incl. buffalo meat), pork (incl. bacon and ham), mutton and lamb (incl. goat meat), horsemeat, and poultry. Refers to meat from animals slaughtered within the national boundaries irrespective of origin of animals, and relates to commercial and farm slaughter. Excludes lard, tallow, and edible offals. See text, section 30, for general comments concerning the data]

COUNTRY	1980	1990	1993	COUNTRY	1980	1990	1993
World	**135,940**	**178,169**	**185,917**	Italy	3,564	3,950	3,936
				Japan	3,046	3,503	3,378
Argentina	3,622	3,383	3,617	Mexico	2,540	3,478	3,628
Brazil	4,550	6,439	7,545	Soviet Union (former)	15,072	19,996	15,566
France	5,455	5,765	6,085	Spain	2,648	3,466	3,701
Germany	6,972	7,292	5,947	United Kingdom	3,070	3,357	2,340
India	2,675	3,723	3,992	**United States**	**24,599**	**28,832**	**31,350**

Source: U.S. Department of Agriculture, Economic Research Service, *World Agriculture-Trends and Indicators,* and Food and Agriculture Organization of the United Nations, Rome, Italy, *FAO Production Yearbook, 1992.*

No. 1400. Foreign Trade—Source of Imports and Destination of Exports, by Country: 1992

[**In billions of dollars.** All exports are f.o.b. (free on board) and all imports are c.i.f. (cost insurance freight) except for United States, Australian, and Canadian imports, which are f.o.b.]

COUNTRY	Total [1]	O.E.C.D. [2]		C.E.E.C. [4]	China: Mainland, Vietnam, North Korea	O.P.E.C. [5]	Other developing countries [6]	Africa	America [7]	Middle East [8]	Far East [9]
		Total	E.E.C. [3]								
IMPORTS											
Australia	40.8	29.1	8.2	0.1	1.8	1.9	7.7	0.1	0.4	1.1	8.7
Austria	54.2	45.8	36.8	3.5	0.6	1.1	3.3	1.0	0.5	0.5	2.4
Belgium-Lux	125.0	109.3	92.0	2.1	0.4	3.3	9.9	4.8	1.8	2.9	3.8
Canada	123.1	105.0	12.0	0.4	2.1	1.7	11.6	0.9	4.5	0.7	9.3
Denmark	33.6	29.1	18.0	1.1	0.6	0.2	2.7	0.2	1.0	0.1	1.9
France	238.8	191.9	142.3	5.5	3.6	9.4	23.8	11.2	5.0	5.7	13.7
Germany	408.5	326.3	212.5	22.5	7.8	9.8	41.8	10.6	9.4	4.2	30.9
Italy	164.4	127.1	96.7	6.7	2.4	10.1	17.6	11.4	4.0	4.3	8.2
Japan	232.7	112.3	31.4	3.1	18.1	38.9	60.4	3.5	8.3	29.1	75.5
Netherlands	130.4	110.6	85.5	2.2	1.0	6.3	10.3	2.8	2.4	4.6	7.4
Spain	99.8	78.9	60.6	1.5	1.7	5.9	11.6	6.5	4.4	2.0	6.1
Sweden	49.9	43.4	27.7	1.6	0.8	0.9	3.3	0.4	0.7	0.6	3.0
Switzerland	65.7	59.5	47.4	0.7	0.6	0.0	4.8	0.7	1.2	0.6	2.9
United Kingdom	220.3	183.3	115.0	2.7	1.7	4.9	26.5	4.7	4.2	4.1	19.1
United States	531.3	310.1	94.1	2.0	25.7	33.0	160.6	14.3	68.7	15.7	119.7
EXPORTS											
Australia	42.4	23.6	5.4	0.2	1.4	2.1	14.3	0.6	0.4	1.0	14.6
Austria	44.4	35.8	29.4	4.3	0.3	1.3	2.8	0.6	0.4	1.0	1.5
Belgium-Lux	123.0	106.7	92.1	1.7	0.5	2.6	10.7	2.8	1.2	4.3	5.1
Canada	134.9	122.8	9.5	1.2	1.9	1.7	7.2	0.8	2.7	0.8	6.4
Denmark	39.6	34.0	21.5	1.1	0.1	0.8	3.4	0.8	0.9	0.9	1.5
France	231.8	183.7	145.4	4.8	1.6	9.7	31.9	15.3	8.1	6.2	11.0
Germany	430.4	345.9	234.0	23.9	3.8	14.8	41.3	9.9	9.2	13.0	23.5
Italy	155.4	120.2	89.8	5.7	1.4	8.0	19.6	6.4	4.4	6.9	8.2
Japan	339.8	184.1	62.8	1.9	12.6	19.0	122.2	6.4	15.1	14.0	117.1
Netherlands	139.0	123.0	105.8	2.7	0.5	3.0	8.9	2.7	1.8	2.6	4.6
Spain	64.3	53.0	45.8	0.8	0.3	2.3	7.5	3.1	3.1	1.4	1.7
Sweden	56.1	48.5	31.3	1.4	0.4	1.4	4.3	0.7	1.1	1.3	2.8
Switzerland	65.5	52.4	38.6	1.3	0.5	2.4	9.0	1.2	1.9	2.7	5.6
United Kingdom	189.6	152.0	106.2	2.8	0.8	9.3	23.1	6.3	3.1	9.1	13.5
United States	447.5	264.6	102.9	5.5	7.5	21.9	147.7	9.9	75.7	16.9	73.6

[1] Includes other areas not shown separately. [2] Organization for Economic Cooperation and Development. For member countries, see text, section 30. [3] European Economic Community comprises Belgium-Luxembourg, Denmark, France, Germany, Greece, Ireland, Italy, Netherlands, Portugal, Spain, and United Kingdom. [4] Central and Eastern European countries comprises Albania, the Baltic States (Estonia, Latvia, Lithuania), Bulgaria, Czechoslovakia, Hungary, new independent states of the ex-Soviet Union, Poland, and Romania. [5] Organization of Petroleum Exporting Countries comprises Algeria, Ecuador, Gabon, Iran, Iraq, Kuwait, Libya, Nigeria, Qatar, Saudi Arabia, United Arab Emirates, and Venezuela. [6] Comprises trade with all countries other than China, North Korea, Vietnam, South Africa, Eastern Europe, and members of OPEC and OECD. [7] All countries comprising the continent except Canada and the United States. [8] Comprises Syria, Lebanon, Israel, Gaza Strip, Jordan, Iraq, Saudi Arabia, Yemen, Kuwait, Bahrain, United Arab Emirates, Qatar, Oman, and Iran. [9] All countries comprising the continent of Asia except Japan, China, North Korea, Vietnam, and those countries listed under Middle East.

Source: Organization for Economic Cooperation and Development, Paris, France. Data derived from Monthly Statistics of Foreign Trade.

No. 1401. Reserve Assets and International Transaction Balances, by Country: 1985 to 1993

[**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 (-) indicates decrease]

COUNTRY	TOTAL RESERVE ASSETS				CURRENT ACCOUNT BALANCE			MERCHANDISE TRADE BALANCE		
			1993							
	1985	1990	Total	Currency holdings [1]	1985	1990	1992	1985	1990	1992
United States	**32,100**	**72,260**	**62,350**	**41,530**	**122,250**	**-90,460**	**-66,380**	**-122,160**	**-108,840**	**-96,140**
Algeria	2,819	725	1,475	1,468	1,015	1,420	(NA)	4,223	4,187	(NA)
Argentina	3,273	4,592	14,089	13,636	-952	1,903	-6,381	4,878	8,628	-1,450
Australia	5,768	16,265	11,102	10,470	9,015	-15,099	-10,728	-1,317	366	1,558
Austria	4,767	9,376	14,611	13,866	-273	1,174	-164	-4,406	-7,012	-8,801
Bangladesh	337	629	2,411	2,388	-458	-397	181	-1,287	-1,587	(NA)
Belgium	4,849	12,151	11,415	10,474	669	4,950	5,409	-472	590	215
Brazil	10,605	7,441	30,604	30,602	-273	-3,788	6,275	12,466	10,747	15,525
Burma	34	313	303	303	-206	(NA)	(NA)	-202	(NA)	(NA)
Cameroon	132	26	2	2	-562	-335	(NA)	490	599	(NA)
Canada	2,503	17,845	12,481	10,471	-2,279	-22,172	-23,012	12,574	8,785	8,183
Chile	2,450	6,069	9,640	9,639	-1,328	-598	-583	850	1,273	748
China: Mainland	12,728	29,586	(NA)	(NA)	-11,417	11,997	6,401	-13,123	9,165	5,183
Colombia	1,595	4,212	(NA)	(NA)	-1,809	542	912	-23	1,971	1,233
Cote d'Ivoire	5	4	2	1	64	-1,305	-1,424	1,351	1,327	994
Denmark	5,429	10,591	10,301	9,791	-2,767	1,380	4,700	-764	4,875	7,189
Ecuador	718	839	(NA)	(NA)	114	-166	(NA)	1,294	1,003	(NA)
Egypt	792	2,684	12,904	12,761	-2,166	184	2,812	-5,215	-6,699	-5,501
Finland	3,750	9,644	5,411	4,993	-811	-6,961	-4,943	878	725	3,952
France	26,589	36,778	22,649	20,008	-35	-15,244	4,109	-5,276	-13,673	1,661
Germany [2]	44,380	67,902	77,640	72,727	16,960	46,560	-25,560	28,580	71,630	32,870
Ghana	479	219	(NA)	(NA)	-134	-229	-378	-36	-308	-470
Greece	868	3,412	7,790	7,634	-3,276	-3,537	-2,140	-5,053	-10,178	-11,603
Hungary	2,153	1,070	6,772	6,692	-455	379	352	448	534	-11
India	6,420	1,521	10,199	9,807	-4,177	-7,037	(NA)	-5,616	-5,151	(NA)
Indonesia	4,974	7,459	11,263	10,988	-1,923	-2,988	-3,679	5,822	5,352	6,021
Ireland	2,940	5,223	5,925	5,579	-690	45	2,629	631	3,969	6,804
Israel	3,680	6,275	6,383	6,382	1,120	574	86	-2,364	-3,015	-5,035
Italy	15,585	62,927	27,545	25,140	3,408	-14,420	-25,422	-6,083	616	2,410
Japan	26,719	78,501	98,524	88,720	49,170	35,870	117,640	55,990	63,580	132,400
Kenya	391	205	(NA)	(NA)	-113	-520	-98	-327	-995	-591
Kuwait	5,471	1,952	4,214	3,916	5,150	4,042	-873	5,047	3,540	85
Libya	5,904	5,839	(NA)	(NA)	1,906	2,201	(NA)	4,599	3,777	(NA)
Malaysia	4,912	9,754	27,249	26,814	-613	-918	-1,649	3,577	2,622	3,375
Mexico	4,906	9,863	(NA)	(NA)	1,130	-7,117	-22,811	8,451	-4,433	-20,677
Morocco	115	2,066	3,655	3,579	-891	-200	-427	-1,368	-2,071	-2,736
Nepal	56	295	(NA)	(NA)	-122	-289	-181	-283	-449	-376
Netherlands	10,782	17,484	31,352	29,677	4,190	8,854	6,750	5,393	10,330	10,956
Nigeria	1,667	3,864	(NA)	(NA)	2,566	4,988	2,268	5,616	8,653	4,611
Norway	13,917	15,332	19,622	18,642	3,052	4,023	2,925	4,728	7,761	9,289
Pakistan	807	296	1,197	1,196	-1,080	-1,654	-2,020	-3,230	-2,714	-2,700
Peru	1,842	1,040	3,408	3,407	135	-1,092	-2,080	1,172	340	-567
Philippines	615	924	4,676	4,546	-35	-2,695	-999	-482	-4,020	-4,695
Poland	870	4,492	4,092	3,985	-982	3,067	-3,104	347	3,589	-131
Portugal	1,395	14,485	15,840	15,481	380	-181	-184	-1,504	-6,831	-9,540
Romania	199	373	1,005	1,003	1,381	-3,254	-1,506	1,772	-3,344	-1,194
Saudi Arabia	25,004	11,668	7,435	5,689	-12,932	-4,117	-19,431	7,029	22,756	12,991
Singapore	12,847	27,748	48,361	48,066	-4	1,743	2,929	-2,829	-5,129	-4,900
South Africa	315	1,008	1,020	1,008	2,622	2,253	1,388	5,842	6,338	5,429
South Korea	2,869	14,793	20,500	19,976	-887	-2,172	-4,529	-19	-2,004	-2,146
Spain	11,175	51,228	41,045	39,798	2,851	-16,819	-18,481	-4,171	-29,566	-31,034
Sri Lanka	451	423	1,629	1,601	-419	-298	-451	-523	-473	-715
Sudan	12	11	(NA)	(NA)	155	-369	-506	-139	-322	-597
Sweden	5,793	17,988	19,050	18,372	-1,231	-6,907	-5,229	2,385	3,402	6,672
Switzerland	18,016	29,223	32,635	31,650	6,040	6,942	13,419	-1,561	-6,391	-251
Syria	83	(NA)	(NA)	(NA)	-958	1,762	55	-2,090	2,094	159
Thailand	2,190	13,305	24,473	24,078	-1,537	-7,282	-6,604	-1,332	-6,751	-4,155
Trinidad and Tobago	1,129	492	(NA)	(NA)	-90	440	122	756	988	666
Turkey	1,056	6,050	(NA)	(NA)	-1,013	-2,625	-943	-2,975	-9,555	-8,191
United Kingdom	12,860	35,850	36,780	34,630	4,136	-31,647	-15,516	-3,850	-32,742	-23,963
Venezuela	10,251	8,321	9,216	8,531	3,327	8,279	-3,365	6,782	10,637	1,689
Yugoslavia	1,095	5,474	(NA)	(NA)	833	-2,364	(NA)	-588	-2,676	(NA)
Zaire	190	219	(NA)	(NA)	-289	-643	(NA)	606	600	(NA)

NA Not available. [1] Holdings of convertible foreign currencies. [2] Prior to July 1990, data for former West Germany.

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

No. 1402. Foreign Exchange Rates: 1980 to 1993

[National currency units per dollar, except as noted. Data are averages of certified noon buying rates for cable transfers]

YEAR	Australia [1] (dollar)	Austria (schilling)	Belgium (franc)	Canada (dollar)	China: Taiwan (dollar)	Denmark (krone)	France (franc)	Greece (drachma)	Hong Kong (dollar)
1980	114.00	12.945	29.237	1.1693	36.015	5.6345	4.2250	42.62	4.9760
1981	114.95	15.948	37.194	1.1990	36.849	7.1350	5.4396	55.41	5.5678
1982	101.65	17.060	45.780	1.2344	39.124	8.3443	6.5793	66.87	6.0697
1983	90.14	17.968	51.121	1.2325	40.065	9.1483	7.6203	87.90	7.2569
1984	87.94	20.005	57.749	1.2953	39.633	10.3540	8.7355	112.73	7.8188
1985	70.03	20.676	59.336	1.3658	39.889	10.5980	8.9799	138.40	7.7911
1986	67.09	15.260	44.662	1.3896	37.837	8.0954	6.9256	139.93	7.8037
1987	70.14	12.649	37.357	1.3259	31.756	6.8477	6.0121	135.47	7.7985
1988	78.41	12.357	36.783	1.2306	28.636	6.7411	5.9594	142.00	7.8071
1989	79.19	13.236	39.409	1.1842	26.407	7.3210	6.3802	162.60	7.8008
1990	78.07	11.331	33.424	1.1668	26.918	6.1899	5.4467	158.59	7.7899
1991	75.93	11.686	34.195	1.1460	26.759	6.4038	5.6468	182.63	7.7712
1992	73.52	10.992	32.148	1.2085	25.160	6.0372	5.2935	190.81	7.7402
1993	67.99	11.639	34.581	1.2902	26.416	6.4863	5.6669	229.64	7.7357

YEAR	India (rupee)	Ireland [1] (pound)	Italy (lira)	Japan (yen)	Malaysia (ringgit)	Netherlands (guilder)	New Zealand [1] (dollar)	Norway (krone)	Portugal (escudo)
1980	7.887	205.77	856.20	226.63	2.1767	1.9875	97.34	4.9381	50.08
1981	8.681	161.32	1,138.60	220.63	2.3048	2.4998	86.85	5.7430	61.74
1982	9.485	142.05	1,354.00	249.06	2.3395	2.6719	75.10	6.4567	80.10
1983	10.104	124.81	1,519.30	237.55	2.3204	2.8543	66.79	7.3012	111.61
1984	11.348	108.64	1,756.10	237.45	2.3448	3.2083	57.84	8.1596	147.70
1985	12.332	106.62	1,908.90	238.47	2.4806	3.3184	49.75	8.5933	172.07
1986	12.597	134.14	1,491.16	168.35	2.5830	2.4484	52.46	7.3984	149.80
1987	12.943	148.79	1,297.03	144.60	2.5185	2.0263	59.33	6.7408	141.20
1988	13.899	152.49	1,302.39	128.17	2.6189	1.9778	65.56	6.5242	144.26
1989	16.213	141.80	1,372.28	138.07	2.7079	2.1219	59.35	6.9131	157.53
1990	17.492	165.76	1,198.27	145.00	2.7057	1.8215	59.62	6.2541	142.70
1991	22.712	174.70	1,241.28	134.59	2.7503	1.8720	54.03	6.4912	144.77
1992	28.156	170.42	1,232.17	126.78	2.5463	1.7587	53.79	6.2142	135.07
1993	31.291	146.47	1,573.41	111.08	2.5738	1.8585	54.13	7.0979	161.08

YEAR	Singapore (dollar)	South Africa (rand)	South Korea (won)	Spain (peseta)	Sweden (krona)	Switzerland (franc)	Thailand (baht)	United Kingdom [1] (pound)	Germany (deutsche mark)
1980	2.1412	0.7796	607.43	71.76	4.2309	1.6772	20.476	232.43	1.8175
1981	2.1053	0.8787	681.03	92.40	5.0659	1.9674	21.731	202.43	2.2632
1982	2.1406	1.0876	731.93	110.09	6.2838	2.0327	23.014	174.80	2.4281
1983	2.1136	1.1146	776.04	143.50	7.6717	2.1006	22.991	151.59	2.5539
1984	2.1325	1.4761	807.91	160.78	8.2706	2.3500	23.582	133.66	2.8455
1985	2.2008	2.2344	861.89	169.98	8.6031	2.4551	27.193	129.74	2.9420
1986	2.1782	2.2919	884.61	140.04	7.1272	1.7979	26.314	146.77	2.1705
1987	2.1059	2.0385	825.93	123.54	6.3468	1.4918	25.774	163.98	1.7981
1988	2.0132	2.2770	734.51	116.52	6.1369	1.4642	25.312	178.13	1.7570
1989	1.9511	2.6214	674.29	118.44	6.4559	1.6369	25.725	163.82	1.8808
1990	1.8134	2.5885	710.64	101.96	5.9231	1.3901	25.609	178.41	1.6166
1991	1.7283	2.7633	736.73	104.01	6.0521	1.4356	25.528	176.74	1.6610
1992	1.6294	2.8524	784.58	102.38	5.8258	1.4064	25.411	176.63	1.5618
1993	1.6158	3.2729	805.75	127.48	7.7956	1.4781	25.333	150.16	1.6545

[1] Value is U.S. cents per unit of foreign currency.

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

No. 1403. Exchange Rates—Indexes of Value of Foreign Currency Relative to U.S. Dollar: 1980 to 1992

[1982=100]

YEAR	United States	Belgium	Canada	Denmark	France	Germany [1]	Italy	Japan	Netherlands	Norway	Sweden	United Kingdom
1980	100.0	156.8	105.6	148.2	155.9	133.8	158.3	110.4	134.6	130.8	148.6	133.1
1981	100.0	123.6	103.0	116.9	121.0	107.7	118.9	112.9	107.4	112.4	124.0	115.8
1982	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
1983	100.0	89.5	100.2	91.2	86.3	95.1	89.1	104.8	93.6	88.4	81.9	86.7
1984	100.0	79.3	95.3	80.6	75.3	85.3	77.1	104.9	83.3	79.1	76.0	76.5
1985	100.0	77.2	90.4	78.7	73.3	82.5	70.9	104.4	80.5	75.1	73.0	74.2
1986	100.0	102.5	88.8	103.1	95.0	111.9	90.8	147.9	109.1	87.3	88.2	84.0
1987	100.0	122.5	93.1	121.9	109.4	135.0	104.4	172.2	131.9	95.8	99.0	93.8
1988	100.0	124.5	100.3	123.8	110.4	138.2	104.0	194.3	135.1	99.0	102.4	101.9
1989	100.0	116.2	104.2	114.0	103.1	129.1	98.7	180.4	125.9	93.4	97.3	93.7
1990	100.0	137.0	105.8	134.8	120.8	150.2	113.0	171.8	146.7	103.2	106.1	102.1
1991	100.0	133.9	107.7	130.3	116.5	146.2	109.1	185.1	142.7	99.5	103.8	101.1
1992	100.0	142.4	102.1	138.2	124.3	155.5	109.9	196.5	151.9	103.9	107.9	101.0

[1] Prior to 1991, data for former West Germany.

Source: U.S. Bureau of Labor Statistics, *Monthly Labor Review*, December 1993.

No. 1404. Central Bank Discount Rates, Money Market Rates, and Government Bond Yields, by Country: 1980 to 1994

[**In percent per annum.** Central bank discount rates refer to the rate at which the monetary authority lends or discounts eligible paper for deposit money banks. **Money market rates** refer to the rate at which short-term borrowings are effected between financial institutions. **Government bond yields** refer to one or more series representing average yields to maturity of government bonds or other bonds that would be indicative of longer term rates]

NATIONAL INTEREST RATE AND YEAR	United States	Canada	Japan	France	Germany [1]	Italy	Netherlands	Sweden	Switzerland	United Kingdom
Central bank discount rates: [2]										
1980	13.00	17.26	7.25	9.50	7.50	16.50	8.00	10.00	3.00	14.00
1985	7.50	9.49	5.00	9.50	4.00	15.00	5.00	10.50	4.00	(3)
1990	6.50	11.78	6.00	9.50	6.00	12.50	7.25	11.50	6.00	(3)
1991	3.50	7.67	4.50	9.50	8.00	12.00	8.50	8.00	7.00	(3)
1992	3.00	7.36	3.25	9.50	8.25	12.00	7.75	10.00	6.00	(3)
1993	3.00	4.11	1.75	9.50	5.75	8.00	5.00	5.00	4.00	(3)
1994, February	3.00	4.00	1.75	9.50	5.25	(NA)	(NA)	4.50	4.00	(3)
Money market rates: [4]										
1980	13.36	13.28	10.93	11.85	9.10	17.17	10.13	12.17	2.29	15.62
1985	8.10	9.57	6.46	9.93	5.20	15.25	6.30	13.85	3.75	10.78
1990	8.10	11.62	7.24	9.85	7.92	12.38	8.29	13.45	8.33	14.66
1991	5.70	7.40	7.46	9.49	8.84	12.18	9.01	11.81	7.73	11.75
1992	3.52	6.79	4.58	10.35	9.42	13.97	9.27	18.42	7.47	9.55
1993	3.02	3.79	3.06	8.75	7.49	10.20	7.10	9.08	4.94	5.60
1994, February	3.25	4.64	2.24	6.39	6.22	(NA)	(NA)	7.63	4.23	(NA)
Government bond yields:										
1980	11.46	12.48	9.22	13.03	8.50	16.11	10.21	11.74	4.77	13.79
1985	10.62	11.04	6.34	10.94	6.87	13.00	7.34	13.09	4.78	10.62
1990	8.55	10.85	7.36	9.96	8.88	11.51	8.92	13.08	6.68	11.08
1991	7.86	9.76	6.53	9.05	8.63	10.10	8.74	10.69	6.35	9.92
1992	7.01	8.77	4.94	8.60	7.96	(NA)	8.10	10.02	5.48	9.15
1993	5.82	7.85	3.69	6.91	6.28	(NA)	6.50	8.54	4.05	7.87
1994, February	5.97	7.33	(NA)	6.13	5.76	(NA)	(NA)	6.94	4.34	(NA)

NA Not available. [1] Prior to July 1990, data are for former West Germany. [2] End of period. [3] Minimum lending rate suspended as of August 20, 1981. [4] Period averages.

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

No. 1405. External Debt of Eastern European Countries: 1980 to 1992

[**In billions of dollars. Gross debt:** total amount owed. **Commercial debt:** money owed to private institutions or individuals. **Official debt:** money owed to or guaranteed by a foreign government. **Net debt** represents gross debt minus assets held with Western commercial banks]

ITEM	1980	1985	1986	1987	1988	1989	1990	1991	1992
Bulgaria: Gross debt	3.5	3.7	4.9	6.1	8.9	10.2	10.6	12.7	14.2
Commercial debt	3.2	3.1	4.2	5.3	7.0	8.5	8.6	9.8	10.2
Official debt	0.3	0.6	0.7	0.9	1.9	1.7	2.0	2.9	4.0
Net debt	2.7	1.5	3.6	5.0	(NA)	(NA)	(NA)	(NA)	(NA)
Czechoslovakia: Gross debt	4.9	3.8	4.5	5.8	6.1	7.8	8.1	9.4	9.9
Commercial debt	4.1	2.8	3.4	4.5	4.8	5.9	6.1	6.9	7.7
Official debt	0.9	1.0	1.1	1.3	1.3	1.9	2.0	2.5	2.2
Net debt	3.7	2.8	3.3	4.2	(NA)	(NA)	(NA)	(NA)	(NA)
Hungary: Gross debt	9.1	11.8	15.1	17.8	19.6	20.4	21.3	22.7	21.4
Commercial debt	8.8	9.8	12.7	15.0	16.6	17.3	16.4	16.1	14.3
Official debt	0.3	0.8	0.9	1.0	1.2	1.4	1.4	1.7	2.3
IMF/World Bank [1]	-	1.2	1.5	1.8	1.8	1.7	3.5	4.9	4.8
Net debt	7.0	8.6	12.0	15.5	(NA)	(NA)	(NA)	(NA)	(NA)
Poland: Gross debt	25.0	29.3	33.5	39.2	39.2	40.8	48.5	48.4	47.0
Commercial debt	14.9	10.6	12.1	12.8	15.4	15.3	14.4	16.4	12.1
Official debt	10.1	18.7	21.4	26.4	23.2	24.9	32.8	30.2	30.9
IMF/World Bank [1]	-	-	-	-	0.6	0.6	1.3	1.8	4.0
Net debt	24.4	27.7	31.8	36.2	(NA)	(NA)	(NA)	(NA)	(NA)
Romania: Gross debt	9.4	6.6	6.4	5.1	2.2	0.1	0.9	2.1	2.3
Commercial debt	6.5	2.9	2.7	1.7	0.4	0.1	0.4	0.6	0.6
Official debt	1.7	1.1	1.1	0.8	0.6	-	0.1	0.6	0.7
IMF/World Bank/CEMA bank [1]	1.2	2.6	2.6	2.6	1.2	-	0.4	0.9	1.0
Net debt	9.1	6.4	5.8	4.5	(NA)	(NA)	(NA)	(NA)	(NA)
Russia: [2] Gross debt	20.5	29.0	36.0	40.8	42.4	50.8	53.6	61.0	74.0
Commercial debt	11.0	19.5	25.9	30.1	33.7	40.5	35.6	31.8	38.0
Official debt	9.5	9.5	10.1	10.7	8.7	10.2	18.0	29.2	36.0
Net debt	10.5	15.7	21.1	25.9	26.9	36.3	45.4	(NA)	(NA)

- Represents zero. NA Not available. [1] IMF=International Monetary Fund. CEMA=Council for Mutual Economic Assistance. [2] The debt of the former Soviet Union was assumed by Russia.

Source: U.S. Central Intelligence Agency, *Handbook of International Economic Statistics, 1993;* and unpublished data.

No. 1406. External Public Debt, by Country: 1980 to 1992

[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 1 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 (mil. dol.)							DEBT SERVICE PAYMENTS (mil. dol.)			DEBT SERVICE RATIO [3] (percent)		
				1992									
	1980	1990	1991	Total [1]	Bilateral official	Banks [2]	International organizations	1980	1990	1992	1980	1990	1992
Argentina [4]	10,180	46,906	47,568	46,835	7,555	33,037	5,037	1,987	4,812	3,521	18	32	24
Bangladesh	3,417	11,451	11,961	12,226	4,656	-	7,398	110	516	468	11	26	14
Bolivia	2,181	3,690	3,535	3,693	1,570	225	1,849	290	275	223	28	28	28
Brazil	40,861	83,760	81,476	86,251	16,393	54,609	10,062	8,060	6,345	6,271	35	18	16
Bulgaria	(NA)	9,813	9,987	9,951	1,149	7,150	1,113	(NA)	1,324	264	(NA)	19	4
Cameroon	2,005	4,753	5,026	5,464	3,167	335	1,430	186	301	159	10	12	7
Chile	4,705	10,426	10,071	9,578	855	4,119	4,333	1,375	1,612	1,438	22	15	11
China: Mainland	4,504	45,319	50,551	58,475	10,499	22,087	8,603	930	5,896	8,027	5	10	9
Colombia	4,089	14,671	14,469	13,245	1,948	4,246	5,876	529	3,115	3,445	9	35	32
Congo	1,257	4,203	4,066	3,877	2,604	423	536	71	473	120	7	32	9
Costa Rica	1,700	3,076	3,323	3,207	1,394	593	1,174	206	432	480	17	21	18
Cote d'Ivoire	4,310	10,015	10,634	10,685	5,093	2,491	2,905	870	494	517	24	13	15
Dominican Republic	1,220	3,434	3,751	3,761	1,944	791	869	154	145	280	12	7	11
Ecuador	3,300	9,867	9,951	9,831	2,150	4,763	2,253	559	874	812	19	27	22
Egypt	16,212	34,317	36,098	35,724	28,597	591	3,329	746	2,733	1,995	11	30	12
Ethiopia	688	3,612	3,961	4,168	2,145	91	1,485	34	196	105	6	29	14
Gabon	1,271	3,135	3,180	2,998	2,034	175	349	398	102	334	16	4	13
Ghana	1,161	2,672	2,957	3,096	706	2	2,188	108	180	188	9	18	17
Guatemala	549	2,238	2,233	2,104	846	322	886	45	164	449	3	10	24
Honduras	975	3,400	3,060	3,192	1,167	96	1,801	97	307	347	10	31	32
Hungary	6,416	17,999	19,084	17,836	609	13,189	3,243	1,460	3,750	4,351	14	30	31
India [5]	18,343	59,787	62,855	67,721	17,852	11,221	26,130	1,166	5,145	5,411	9	22	21
Indonesia	15,027	44,966	48,626	49,289	23,683	3,918	16,400	1,763	6,660	7,422	8	22	20
Jamaica	1,421	3,899	3,772	3,596	2,037	263	1,130	206	496	560	15	21	20
Jordan	1,486	7,104	7,546	6,914	3,454	1,644	877	182	532	657	10	21	18
Kenya	2,062	4,671	4,835	4,635	1,298	615	2,509	232	490	325	11	22	14
Madagascar	892	3,673	3,857	3,805	2,154	47	1,391	57	193	73	11	37	16
Malaysia	4,007	12,668	13,983	13,346	2,560	6,895	1,861	376	2,827	2,518	3	8	5
Mali	669	2,345	2,451	2,472	1,400	2	1,068	9	40	32	3	9	5
Mexico	33,915	77,490	79,048	72,219	9,744	43,113	15,537	7,890	7,980	15,253	36	19	33
Morocco	8,325	22,089	20,138	20,332	10,617	3,249	5,313	1,172	1,443	1,857	36	23	21
Nicaragua	1,671	8,245	8,750	8,994	5,974	1,824	1,118	86	9	80	17	2	25
Oman	436	2,399	2,472	2,340	333	1,578	167	223	714	493	6	12	10
Pakistan	8,507	16,502	17,707	18,476	9,205	233	8,764	592	1,363	1,723	20	22	17
Panama	2,271	3,988	3,918	3,770	620	2,394	694	466	141	632	6	3	10
Papua New Guinea	485	1,502	1,592	1,539	343	228	836	61	274	196	6	20	9
Peru	6,218	13,634	15,301	15,417	9,105	3,174	2,085	1,506	179	760	31	4	17
Philippines	6,363	23,885	24,833	26,004	11,703	6,616	6,908	596	2,897	4,394	8	22	25
Poland	(NA)	39,291	44,222	43,034	31,786	9,272	1,167	(NA)	841	1,306	(NA)	4	8
Portugal	6,728	16,994	19,374	21,277	1,357	10,769	3,230	1,024	4,395	4,832	15	19	16
Senegal	1,105	2,950	2,867	2,932	1,292	70	1,528	219	212	121	26	14	8
South Korea	15,933	18,788	22,381	23,919	5,734	10,457	3,327	2,783	4,770	4,589	12	6	5
Sri Lanka	1,227	4,938	5,653	5,607	2,949	264	2,097	84	285	372	6	12	10
Sudan	3,822	9,155	9,220	8,984	5,618	1,472	1,889	102	23	25	12	4	5
Syria	2,918	14,959	14,952	14,341	12,599	-	925	302	1,375	810	12	27	16
Tanzania	1,915	5,586	5,820	6,048	3,611	40	2,194	63	105	169	8	19	31
Thailand	3,943	12,573	13,292	13,238	5,058	3,315	2,925	441	3,297	2,144	5	11	5
Tunisia	3,210	6,708	7,190	7,418	3,189	510	2,848	428	1,216	1,252	13	23	19
Turkey	15,040	38,594	39,181	39,640	7,811	19,807	9,290	1,053	6,439	7,432	29	29	26
Uganda	543	2,231	2,352	2,495	734	84	1,565	36	64	43	11	29	22
Uruguay	1,127	3,009	2,856	3,092	160	1,951	973	198	710	438	12	30	16
Venezuela	10,614	24,509	24,863	25,252	871	19,723	2,727	2,955	4,167	1,807	13	19	11
Yemen	1,453	5,107	5,197	5,341	4,194	80	1,011	35	107	110	10	7	5
Yugoslavia [6]	4,580	12,986	11,640	11,015	3,632	4,725	2,553	617	2,719	968	5	13	8
Zaire	4,261	8,952	9,182	8,895	5,963	520	2,080	397	136	58	17	6	4
Zambia	2,141	4,846	4,975	4,809	2,810	73	1,589	287	173	251	18	13	21
Zimbabwe	696	2,464	2,611	2,782	917	406	967	50	370	468	3	18	25

- Represents or rounds to zero. NA Not available. [1] Includes other types of creditors not shown separately. [2] Includes other private financial institutions. [3] Debt service payments as percent of exports. [4] The increase in debt outstanding from 1980 to 1990 includes the refinancing of short-term private debt by public debt, which matured in 1986-87. [5] Fiscal year basis. [6] The bulk of the debt of Yugoslovian enterprises is reported as nonguaranteed.

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

No. 1407. Net Flow of Financial Resources to Developing Countries: 1980 to 1991

[**In billions of U.S. dollars.** Net flow covers loans, grants, and grant-like flows minus amortization on loans. Military flows are excluded. Developing countries cover countries designated by Development Assistance Committee (DAC) as developing. 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	1980	1983	1984	1985	1986	1987	1988	1989	1990	1991
DAC countries [1]	75.4	69.8	79.1	45.2	68.8	66.4	85.6	84.4	68.4	(NA)
Official development assistance	27.3	27.6	28.7	29.4	36.7	41.6	48.1	45.7	53.0	56.7
Bilateral grants [2]	14.1	14.2	15.5	17.8	21.1	23.4	26.0	25.9	30.8	34.6
Bilateral loans	4.0	4.4	4.2	4.1	5.2	6.6	7.1	7.1	6.4	6.7
Multilateral contributions [3]	9.2	9.0	9.0	7.5	10.4	11.6	15.0	12.8	15.8	15.4
Other official flows	5.3	4.9	6.2	3.4	2.1	2.0	4.9	5.8	8.9	(NA)
Private flows at market terms	40.4	35.0	41.6	9.4	26.7	18.8	28.3	28.8	1.4	(NA)
Direct investment	10.1	7.8	10.9	6.5	11.0	21.0	25.1	30.1	26.8	(NA)
Private export credits	11.5	5.3	3.5	0.8	-1.7	-2.4	-1.3	5.7	-0.4	(NA)
Portfolio investment	18.7	22.2	27.2	2.1	17.4	0.3	4.4	-7.0	-25.2	(NA)
Private voluntary agencies	2.4	2.3	2.6	2.9	3.3	4.0	4.2	4.0	5.1	(NA)
OPEC [4]	10.8	5.9	3.7	4.1	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Official development assistance	9.7	5.0	4.6	3.6	4.7	3.3	2.4	2.4	6.4	2.7
Other official flows	1.1	0.9	-0.9	0.5	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Centrally-planned economies: [5]										
Official development assistance	2.6	3.5	3.4	3.6	4.6	5.0	5.0	4.7	-2.2	(NA)
Total net flow to developing countries, by DAC country [1]	75.4	69.8	79.1	45.2	68.8	66.4	85.6	84.4	68.4	(NA)
United States	13.9	23.0	28.6	1.8	18.2	13.8	17.5	16.4	11.1	20.8
Official development assistance	7.1	8.1	8.7	9.4	9.6	8.9	10.1	7.7	11.4	11.3
Bilateral grants [2]	3.0	4.5	5.6	7.3	7.0	6.7	6.5	6.8	8.5	12.1
Bilateral loans	1.4	1.0	0.8	0.9	0.6	0.3	0.3	(Z)	-0.2	-2.7
Multilateral contributions [3]	2.8	2.5	2.3	1.2	2.0	1.9	3.4	0.9	3.0	1.9
Other official flows	1.1	(Z)	1.0	0.2	-0.6	-1.8	1.9	-0.5	-0.4	-0.8
Private flows at market terms	4.3	13.6	17.4	-9.3	7.5	4.4	3.2	7.3	-2.4	7.6
Direct investment	3.4	2.3	4.4	0.9	3.1	8.0	4.2	7.1	7.8	10.5
Private export credits and portfolio investment	0.9	11.2	13.0	-10.2	4.4	-3.6	-1.0	-0.3	-10.1	-2.9
Private voluntary agencies	1.3	1.3	1.5	1.5	1.7	1.6	2.3	1.9	2.5	2.7
Australia	0.9	1.0	1.5	1.2	1.1	0.9	3.6	1.5	1.5	-2.1
Austria	0.3	0.1	0.1	0.2	0.1	0.2	0.3	0.2	0.6	0.7
Belgium	2.9	0.8	3.5	1.3	-0.8	-0.3	1.8	1.5	0.1	1.5
Canada	3.2	2.6	2.8	1.7	1.6	2.5	2.7	2.7	3.2	4.0
Denmark	0.8	1.1	0.6	0.4	0.5	0.9	0.7	0.9	1.1	1.1
Finland	0.2	0.2	0.3	0.3	0.4	0.6	0.8	0.9	1.0	1.0
France	11.6	9.3	8.9	8.9	9.2	8.7	7.2	5.6	6.1	(NA)
Germany [6]	10.6	7.0	6.5	5.8	7.9	8.8	11.8	12.1	13.6	13.1
Ireland	(Z)	(Z)	0.1	0.1	0.1	0.1	0.3	0.1	0.2	0.2
Italy	4.0	3.1	2.3	2.2	2.6	2.0	5.1	5.8	3.2	7.6
Japan	6.8	7.9	11.7	11.6	14.6	20.3	21.2	24.1	18.7	25.0
Netherlands	2.4	2.2	2.0	2.6	2.8	3.2	2.7	2.5	4.0	4.4
New Zealand	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
Norway	0.9	0.7	0.6	0.6	0.7	0.9	0.9	0.9	1.2	1.4
Sweden	1.9	1.3	1.3	1.4	1.7	1.8	2.3	2.3	2.8	1.8
Switzerland	2.7	3.3	3.4	2.5	1.4	-1.6	2.0	2.7	4.6	0.8
United Kingdom	12.2	6.1	4.8	2.5	6.7	3.5	4.7	3.4	-4.4	(NA)

NA Not available. Z Less than $50 million. [1] Includes flows to OPEC countries (see footnote 4). Comprises as donors Australia, Austria, Belgium, Canada, Denmark, Finland, France, Ireland, Italy, Japan, Netherlands, New Zealand, Norway, Sweden, Switzerland, United Kingdom, United States, and Germany. [2] Includes "grant-like" flows (i.e., loans repayable in recipients' currencies). [3] Includes capital subscriptions to multilateral organizations in the form of demand instruments as of date of issue. [4] Organization of Petroleum Exporting Countries: Algeria, Ecuador, Gabon, Iran, Iraq, Kuwait, Libya, Nigeria, Qatar, Saudi Arabia, United Arab Emirates, and Venezuela. [5] Bulgaria, Czechoslovakia, Hungary, Poland, Romania, and former Soviet Union. [6] Former West Germany.

Source: Organization for Economic Cooperation and Development, Paris, France, unpublished data.

No. 1408. Per Capita Public and Private Aid to Developing Countries: 1980 to 1991

[**In dollars.** See headnote, table 1407. Private aid figures exclude government subsidies to voluntary agencies]

COUNTRY	OFFICIAL DEVELOPMENT ASSISTANCE			PRIVATE VOLUNTARY AID			COUNTRY	OFFICIAL DEVELOPMENT ASSISTANCE			PRIVATE VOLUNTARY AID		
	1980	1990	1991	1980	1990	1991		1980	1990	1991	1980	1990	1991
Australia	45	56	61	3	3	6	Japan	29	73	88	(Z)	1	1
Austria	24	51	70	3	4	6	Netherlands	115	170	167	6	16	15
Belgium	60	89	83	5	6	3	New Zealand	23	28	29	2	4	4
Canada	45	93	95	4	10	10	Norway	119	284	276	8	31	30
Denmark	92	228	233	3	6	5	Portugal	(NA)	14	20	(NA)	(NA)	(Z)
Finland	23	170	185	3	7	3	Spain	(NA)	25	30	(NA)	2	1
France	77	127	131	1	3	(NA)	Sweden	116	235	245	7	16	15
Germany [1]	58	100	86	7	12	10	Switzerland	40	111	126	10	17	19
Ireland	9	16	20	-	7	7	United Kingdom	33	46	57	2	6	(NA)
Italy	12	59	59	(Z)	(NA)	(NA)	**United States**	31	45	45	6	10	11

- Represents or rounds to zero. NA Not available. Z Less than 50 cents. [1] Former West Germany.

Source: Organization for Economic Cooperation and Development, Paris, France, unpublished data.

No. 1409. Military Expenditures, by Country: 1980 to 1991

[**In millions of dollars,** except as indicated. See also table 546. For most countries, data for expenditures and for GNP were based on local currencies which were deflated to constant 1991 local currency values before conversion to U.S. dollar equivalents. In general, the rates used for conversion are the 1991 average par/market exchange rates as supplied by the International Bank for Reconstruction and Development]

COUNTRY	CURRENT DOLLARS				CONSTANT (1991) DOLLARS					
								1991		
	1980	1985	1990	1991	1980	1985	1990	Total	Per capita (dollars)	Percent of GNP
United States	**144,000**	**265,800**	**306,200**	**280,300**	**212,100**	**331,660**	**318,400**	**280,300**	**1,110**	**5**
Algeria [1]	940	850	812	730	1,385	1,060	845	730	28	2
Argentina	1,559	[1]3,621	2,979	2,449	2,296	[1]4,517	3,099	2,449	75	2
Australia	3,226	5,445	6,434	7,400	4,753	6,793	6,692	7,400	427	3
Austria	820	1,291	1,636	1,667	1,208	[1]1,610	1,701	1,667	213	1
Belgium	2,951	4,038	4,486	4,625	4,348	5,038	4,665	4,625	463	2
Brazil	1,899	2,356	6,617	5,295	2,799	2,940	6,882	5,295	34	1
Bulgaria [1]	3,993	5,808	3,887	1,464	5,883	7,246	4,043	1,464	164	4
Canada	5,176	9,018	11,610	11,510	7,626	11,250	12,080	11,510	427	2
Chile [2]	449	636	[1]938	[1]1,010	662	794	[1]976	[1]1,010	[1]76	[1]3
China:										
Mainland [1]	16,370	39,720	50,310	51,040	24,120	49,560	52,330	51,040	44	3
Taiwan	3,222	[1]6,439	[1]9,063	9,748	4,748	[1]8,033	[1]9,426	9,748	472	5
Cuba [2]	1,140	1,335	1,400	(NA)	1,680	1,666	1,456	(NA)	(NA)	(NA)
Czechoslovakia [1]	5,249	7,998	4,432	2,804	9,105	9,979	4,610	2,804	179	3
Denmark	1,454	2,073	2,535	2,672	2,143	2,587	2,637	2,672	519	2
Egypt [1]	2,923	2,583	1,083	1,022	4,306	3,223	1,126	1,022	19	3
El Salvador [1]	120	217	179	171	177	[1]271	186	171	31	3
Finland	909	1,502	1,986	2,454	1,339	1,873	2,066	2,454	492	2
France	21,230	32,630	40,820	42,430	31,270	40,710	42,450	42,430	744	4
Germany [3]	22,400	33,630	[1]41,280	[1]39,520	33,000	41,960	[1]42,930	[1]39,520	[1]494	[1]3
	1,779	3,482	3,832	3,807	2,621	4,344	3,986	3,807	379	6
Hungary [1]	2,832	3,782	1,277	1,261	4,173	4,719	1,328	1,261	122	2
India	3,608	5,527	7,487	7,189	5,316	6,895	7,787	7,189	8	3
Indonesia	1,093	1,447	1,609	1,732	1,611	1,805	1,674	1,732	9	2
Iran [1]	2,624	5,631	5,213	5,647	3,867	7,026	5,422	5,647	96	6
Iraq [1]	(NA)	12,470	11,890	9,459	(NA)	15,560	12,370	9,459	528	75
Israel	6,654	7,519	6,940	4,992	9,805	9,380	7,218	4,992	1,100	8
Italy	10,110	17,150	23,290	24,340	14,900	21,400	24,220	24,340	421	2
Japan	12,330	20,210	30,250	32,560	18,170	25,210	31,460	32,560	263	1
Kuwait	892	1,576	[1]13,820	[1]16,740	1,314	1,966	[1]14,380	[1]16,740	19,940	102
Malaysia	664	[1]873	1,066	1,651	978	[1]1,089	1,109	1,651	92	4
Mexico	456	1,282	1,087	[1]1,185	671	1,599	1,131	[1]1,185	[1]13	(Z)
Morocco [1]	763	(NA)	1,296	1,147	1,124	(NA)	1,348	1,147	44	4
Netherlands	4,048	5,980	7,155	7,246	5,965	7,461	7,442	7,246	482	3
Nicaragua [1]	53	254	(NA)	70	78	317	(NA)	70	19	4
Nigeria	447	301	193	244	658	376	200	244	2	1
North Korea [1]	4,380	5,260	5,940	4,660	6,454	6,563	6,178	4,660	214	20
Norway	1,320	2,369	3,210	3,288	1,945	2,956	3,339	3,288	769	3
Oman	1,059	1,937	1,707	1,450	1,560	2,417	1,775	1,450	945	16
Pakistan	777	1,650	2,829	2,672	1,145	2,059	2,943	2,672	23	6
Peru [1]	1,457	2,501	795	506	2,147	[1]3,121	827	506	23	1
Philippines	501	388	951	947	738	485	989	947	14	2
Poland [1]	9,644	14,670	8,752	7,362	14,210	18,300	9,103	7,362	192	5
Portugal	858	1,294	2,020	2,115	1,265	1,614	2,101	2,115	203	3
Romania [1]	4,587	6,840	3,869	3,747	6,759	8,534	4,024	3,747	162	4
Saudi Arabia	14,990	21,340	[1]23,160	[1]35,510	22,090	26,620	[1]24,090	[1]35,510	[1]2,151	[1]30
Singapore	533	1,250	1,627	2,107	785	1,560	1,692	2,107	764	5
South Africa	2,563	2,872	[1]4,411	[1]3,839	3,777	3,583	[1]4,587	[1]3,839	[1]95	[1]4
South Korea	3,821	6,292	10,800	10,580	5,629	7,851	11,240	10,580	242	4
Soviet Union [1]	198,200	277,200	292,000	260,000	292,000	345,800	303,700	260,000	887	10
Spain	4,560	7,943	9,126	9,115	6,719	9,909	9,491	9,115	233	2
Sweden	3,257	5,065	6,062	6,432	4,799	6,319	6,305	6,432	751	3
Switzerland	2,461	4,084	4,826	4,528	3,626	[1]5,095	5,019	4,528	667	2
Syria [1] [2]	1,936	3,593	3,479	4,526	2,852	[1]4,483	3,618	4,526	342	18
Thailand	1,011	1,874	2,130	2,438	1,489	2,338	2,215	2,438	43	3
Turkey	1,635	2,848	4,985	5,671	2,409	3,554	5,185	5,671	97	5
United Arab Emirates	1,724	[1]1,901	[1]2,590	[1]4,900	2,541	[1]2,372	[1]2,694	[1]4,900	[1]2,053	[1]16
United Kingdom	22,080	36,400	40,660	43,200	32,530	45,420	42,290	43,200	750	4
Venezuela	317	340	[1]927	1,900	467	424	[1]964	1,900	94	4
Yugoslavia	1,669	3,339	[1]4,210	(NA)	2,459	4,166	[1]4,379	(NA)	(NA)	(NA)

NA Not available. Z Less than 0.5 percent. [1] Estimated. [2] Data probably omit a major share of total military expenditures, probably including most arms acquisitions. [3] Prior to 1991, data for former West Germany.

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

No. 1410. Armed Forces Personnel, by Country: 1980 to 1991

[**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]

COUNTRY	ARMED FORCES PERSONNEL (1,000)						ARMED FORCES PER 1,000 POPULATION					
	1980	1985	1988	1989	1990	1991	1980	1985	1988	1989	1990	1991
United States	**2,050**	**2,244**	**2,246**	**2,241**	**2,181**	**2,115**	**9.0**	**9.4**	**9.1**	**9.0**	**8.7**	**8.4**
Algeria	101	170	126	126	126	126	5.4	7.7	5.2	5.1	5.0	4.8
Argentina	155	129	95	95	85	70	5.5	4.3	3.0	3.0	2.6	2.2
Australia	71	70	71	70	68	68	4.9	4.4	4.3	4.1	4.0	3.9
Austria	40	40	55	48	43	44	5.3	5.3	7.2	6.3	5.6	5.6
Belgium	108	107	110	110	106	101	11.0	10.9	11.1	11.1	10.6	10.1
Brazil	450	496	319	319	295	295	3.7	3.6	2.2	2.1	1.9	1.9
Bulgaria	188	189	160	150	129	107	21.2	21.2	17.8	16.6	14.4	12.0
Canada	82	83	88	88	87	86	3.4	3.3	3.4	3.3	3.3	3.2
Chile	116	124	96	95	95	90	10.5	10.3	7.6	7.4	7.2	6.8
China: Mainland	4,650	4,100	3,783	3,903	3,500	3,200	4.7	3.9	3.4	3.5	3.1	2.8
Taiwan	465	440	390	379	405	424	26.1	22.8	19.5	18.7	19.8	20.5
Cuba	220	297	297	297	297	297	22.8	29.4	28.6	28.3	27.9	27.6
Czechoslovakia	190	210	211	175	198	154	12.5	13.5	13.5	11.2	12.6	9.8
Denmark	33	29	30	31	31	30	6.4	5.7	5.8	6.0	6.0	5.8
Egypt	447	466	452	450	434	434	10.7	9.9	8.8	8.6	8.1	7.9
El Salvador	16	48	45	45	55	60	3.4	10.0	8.8	8.6	10.3	11.0
Finland	36	40	40	39	31	32	7.5	8.2	8.1	7.9	6.2	6.4
France	575	563	558	554	550	542	10.7	10.2	10.0	9.8	9.7	9.5
Germany [1]	490	495	495	503	[2]545	[2]457	8.0	8.1	8.1	8.1	8.6	5.7
Greece	186	201	199	201	201	205	19.3	20.2	19.9	20.1	20.0	20.4
Honduras	14	21	19	19	18	17	3.9	5.0	4.2	4.1	3.7	3.4
Hungary	120	117	117	109	94	87	11.2	11.0	11.2	10.5	9.1	8.4
India	1,104	1,515	1,362	1,257	1,200	1,200	1.6	2.0	1.7	1.5	1.4	1.4
Indonesia	250	281	284	285	285	285	1.6	1.6	1.6	1.5	1.5	1.5
Iran	305	345	654	604	440	465	7.8	7.5	12.3	11.0	7.7	7.9
Iraq	430	788	1,000	1,000	1,390	475	32.5	50.2	58.4	56.4	75.4	26.5
Israel	196	195	191	191	190	190	52.4	49.6	46.7	46.0	44.2	41.9
Italy	500	504	506	506	493	473	8.9	8.8	8.8	8.8	8.5	6.2
Japan	242	241	245	247	250	250	2.1	2.0	2.0	2.0	2.0	2.0
Kuwait	12	16	15	20	7	10	8.8	9.3	7.7	10.0	3.3	11.9
Malaysia	83	[2]106	108	110	114	114	6.0	[2]6.8	6.5	6.4	6.5	6.3
Mexico	120	140	154	154	175	175	1.7	1.8	1.8	1.8	2.0	1.9
Morocco	117	165	195	195	195	195	5.7	7.2	7.9	7.8	7.6	7.5
Netherlands	107	103	107	106	104	104	7.6	7.1	7.2	7.1	7.0	6.9
Nicaragua	24	74	74	65	28	20	8.6	23.5	21.9	18.7	7.7	5.3
Nigeria	150	134	107	107	94	94	1.7	1.3	1.0	0.9	0.8	0.8
North Korea	700	784	842	1,040	1,200	1,200	38.9	40.0	40.8	49.5	56.0	55.0
Norway	40	36	40	43	51	41	9.7	8.7	9.5	10.2	12.0	9.6
Oman	15	25	27	29	32	29	15.2	20.2	19.3	20.3	21.6	18.9
Pakistan	467	647	645	684	790	803	5.5	6.5	5.9	6.1	6.9	6.8
Peru	151	128	111	110	125	123	8.7	6.5	5.3	5.1	5.7	5.5
Philippines	155	157	105	106	112	112	3.0	2.7	1.7	1.7	1.7	1.7
Poland	408	439	430	350	313	305	11.5	11.8	11.4	9.2	8.2	8.0
Portugal	88	102	104	104	87	86	9.0	10.0	10.1	10.1	8.4	8.3
Qatar	6	[2]7	7	7	11	11	26.0	[2]20.3	16.9	16.1	24.4	23.5
Romania	211	237	220	207	126	201	9.5	10.4	9.5	8.9	5.4	8.7
Saudi Arabia	79	[2]80	84	82	146	191	7.8	[2]5.9	5.4	5.2	9.0	11.6
Singapore	50	59	56	56	55	55	20.7	23.1	21.0	20.7	20.2	20.0
South Africa	70	95	100	100	85	80	2.3	2.7	2.7	2.6	2.1	2.0
South Korea	600	600	626	647	650	750	15.7	14.7	14.8	15.1	15.0	17.2
Soviet Union (former)	3,900	3,900	3,900	3,700	3,400	3,000	14.6	14.0	13.6	12.8	11.7	10.2
Spain	356	314	304	277	263	246	9.5	8.2	7.8	7.1	6.7	6.3
Sweden	70	[2]69	65	62	65	63	8.4	[2]8.3	7.7	7.4	7.6	7.4
Switzerland	23	[2]23	23	17	22	22	3.6	[2]3.5	3.5	2.5	3.3	3.2
Syria	250	402	400	400	408	408	28.8	38.2	33.9	32.7	32.1	30.9
Thailand	234	270	273	273	283	283	5.0	5.2	5.0	4.9	5.1	5.0
Turkey	717	814	847	780	769	804	15.9	16.0	15.5	14.0	13.5	13.8
United Arab Emirates	44	44	43	43	66	66	44.0	28.0	21.7	20.3	29.3	27.6
United Kingdom	330	334	324	318	308	301	5.9	5.9	5.7	5.6	5.4	5.2
Venezuela	55	71	73	75	75	73	3.7	4.1	3.9	3.9	3.8	3.6
Vietnam	900	1,000	1,100	1,000	1,000	1,000	16.9	16.9	17.3	15.4	15.1	14.8
Yugoslavia	260	258	229	225	180	169	11.6	11.2	9.7	9.5	7.6	7.1

[1] Prior to 1991, data for former West Germany. [2] Estimated.

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