

Major Household Appliances

2000

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Current
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Reports

Information about the scope of the survey, methodology, explanation of terms and historical notes for this survey may be found in the introduction of the 1998 Manufacturing Profiles, issued December 2000.

Current data are released electronically on Internet for all individual surveys as they become available. Use: <http://www.census.gov/econ/www/manumenu.html>. Individual reports can be accessed by choosing "Current Industrial Reports (CIR's)," clicking on "Report Number Index;" from the "Industrial Products by Numeric Index," choose the survey of interest. Follow the menu to view the PDF file or to download the worksheet file (WK format) to your personal computer.

These data are also available through the U.S. Department of Commerce and STAT-USA Electronic Bulletin Board by subscription. To access, dial 202-482-3870 and follow the prompts to register. Also, you may call 202-482-1986 or 1-800-STAT-USA, for further information. The Internet address is: www.stat-usa.gov/.

NOTE. Data are now published on the new North American Industry Classification System (NAICS) basis and therefore are not always comparable to the old Standard Industrial Classification (SIC) code. For further information on NAICS, see www.census.gov/epcd/www/naics.html.

SUMMARY OF FINDINGS

In 2000, manufacturers' shipments of major household appliances increased 2 percent, from \$16.6 billion in 1999 to \$17.0 billion. Shipments of household cooking equipment, including parts and accessories, totaled \$4.2 billion in 2000, virtually unchanged from 1999. The value of household refrigerators and freezers, including parts and attachments, increased 6 percent, from \$5.1 billion in 1999 to \$5.4 billion in 2000. Shipments for household laundry equipment and parts remained unchanged at \$4.0 billion in 1999. Shipments for household appliances, not elsewhere classified, valued at \$2.0 billion in 2000, unchanged from 1999.

Address inquiries concerning these data to Investment Goods Industries Branch, Manufacturing and Construction Division (MCD), Washington, DC 20233-6900, or call Vera Harris-Bourne, 301-457-1604.

For mail or fax copies of this publication, please contact the Information Services Center, MCD, Washington, DC 20233-6900, or call 301-457-4673.

U S C E N S U S B U R E A U

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Table 1. Value of Shipments of Major Household Appliances by Product Class: 1993 to 2000
 [Millions of dollars]

Product code	Product description	2000	1999	1998	1997	1996	1995	1994	1993
3352211110	Electric household ranges ovens and surface cooking units, equipment and parts	2,176.9	2,197.1	2,242.9	2,099.9	1,865.8	1,791.8	1,791.1	1,731.3
3352213000	Gas household ranges, ovens, and surface cooking units, equipment and parts	781.6	786.3	696.7	606.8	544.6	654.1	649.6	621.5
3352215000	Other household ranges, cooking equipment and outdoor cooking equipment including parts and accessories.	1,272.4	1,218.6	1,029.0	1,082.0	1,004.0	911.6	872.7	786.1
3352221000	Household refrigerators, including combination refrigerator-freezers 1/	5,268.9	4,968.8	5,035.6	5,272.4	5,084.4	4,739.4	4,882.1	4,310.3
3352222000	Food freezers, complete units, for freezing and/or storing frozen food (household type) 1/.	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
3352223000	Parts and attachments for household refrigerators and freezers.	108.8	92.4	89.7	155.8	160.7	111.8	84.7	73.7
3352240000	Household laundry machines and parts.	4,046.6	4,029.7	3,327.3	3,191.5	3,217.9	3,095.4	3,361.4	3,389.4
3352281000	Water heaters, electric.	576.4	580.0	541.3	552.3	558.8	513.0	516.4	473.4
3352283000	Water heaters, except electric	843.6	842.8	810.7	748.7	764.6	681.8	748.8	700.0
3352285000	Household appliances, n.e.c. and parts.	1,983.9	1,998.8	1,867.9	1,671.4	1,601.6	1,579.2	1,624.3	1,305.6

D Withheld to avoid disclosing data for individual companies. n.e.c. Not elsewhere classified.

1/Product code 3352222000 is combined with product code 3352221000 to avoid disclosing data for individual companies.

Table 2. Quantity and Value of Shipments of Major Household Appliances: 2000 and 1999
 [Quantity in thousands of units. Value in millions of dollars]

Product code	Product description	No. of cos.	2000		1999	
			Quantity	Value	Quantity	Value
	Major household appliances.	(NA)	(X)	16,950.2	(X)	16,622.3
3352211	Electric ranges, ovens, and surface cooking units, equipment and parts.	17	5,945.8	2,176.9 r/	7,553.0 r/	2,197.1
	Free-standing ranges (widths are based on outside dimensions):					
3352211311	Under 23 (58.4 cm) inches in width, all types, including apartment house type.	3	(D)	(D)	(D)	(D)
3352211313	23 (58.4 cm) inches up to and including 32 (81.3 cm) inches in width.	9	2,926.0	1,142.3	3,471.4	1,141.3
3352211315	33 (83.8 cm) inches and over in width, all types.	2	(D)	(D)	(D)	(D)
	Other than free-standing:					
	Built-in ranges:					
	Built-in ovens:					
3352211417	Single oven.	7	401.5	255.1	414.8	249.5
3352211419	Two ovens.	6	146.5	148.3	143.7	133.3
3352211421	Surface cooking tops.	7	431.3	147.9	416.6	127.4
3352211423	Drop-in ranges.	3	(D)	(D)	(D)	(D)
3352211525	Microwave ranges and ovens, including combination microwave/ electric ranges and built-in ovens that utilize microwave and electric thermal energy in one or more of the oven cavities.	4	84.3	89.4	85.6	89.8
3352211527	Microwave ovens, including counter top, built-in and wall or cabinet hung ovens.	3	(D)	(D)	(D)	(D)
3352211290	Parts and accessories for household electric ranges and ovens, such as burners, rotisseries, oven racks and broiler pans, sold separately.	11	(X)	99.4	(X)	107.5
3352213	Gas household ranges, ovens, and surface cooking units, equipment, and parts.	15	1,825.0	781.6	1,933.0	786.3
	Standard type, free-standing:					
3352213111	Over 32 (81.3 cm) inches cooking top and oven 1/.	4	(D)	(D)	(D)	(D)
3352213113	Over 24 (61 cm) inches to 32 (81.3 cm) inches cooking top and oven 1/.	7	(D)	(D)	(D)	(D)
3352213115	Apartment ranges, 24 (61 cm) inches cooking top and under.	3	176.1	34.0	195.6	37.3
3352213117	Standard type, for built-in installation (built-in or stack-on oven broiler units)	4	48.0	22.2	56.4 r/	22.4
3352213119	Surface cooking tops (one or more burners).	6	200.5 a/	129.6	273.1 r/	137.3
3352213121	Nonstandard types, including wall hung, slide-in or drop-in.	6	275.2	85.3	285.9	89.5
3352213123	Other gas household ranges, ovens, hot plates, and surface cooking units not listed above.	3	(D)	(D)	(D)	(D)
3352213190	Parts and accessories for gas household ranges and ovens, such as burners, rotisseries, oven racks and broiler pans, sold separately.	11	(X)	94.6	(X)	84.5

Table 2. Quantity and Value of Shipments of Major Household Appliances: 2000 and 1999
 [Quantity in thousands of units. Value in millions of dollars]

Product code	Product description	No. of cos.	2000		1999	
			Quantity	Value	Quantity	Value
3352215	Other household ranges and cooking equipment (except gas and electric) and outdoor cooking equipment, including parts and accessories.	24	11,704.2	1,272.4 r/	12,837.2 r/	1,218.6
	Barbecuers, grills, stoves, braziers, etc., for outdoor cooking and other cooking:					
	Portable units:					
3352215111	Gas fuel or both gas and other fuel.	16 a/	6,379.1	957.4 r/	6,150.1 r/	868.4
3352215113	Solid fuel (charcoal, wood, coal, etc.).	10	4,811.0	144.9	6,058.8	166.7
3352215115	Liquid fuel (oil, kerosene, etc.).	3 b/	382.7 b/	43.7	481.2	56.3
3352215117	All other outdoor and other cooking equipment	5	131.4	22.4	147.1	22.0
3352215190	Parts and accessories for outdoor and other cooking equipment, sold separately.	14	(X)	104.0	(X)	105.3
3352221	Household refrigerators, including combination refrigerator-freezers 2/.	13	12,532.0	5,268.9	11,692.5	4,968.8
	Compression type, fitted with separate external doors, including all combinations with two or more external doors:					
3352221011	9.4 cu. ft. and under (under 269 liters).	2	(D)	(D)	(D)	(D)
3352221013	9.5 to 13.4 cu. ft. (269 liters but under 382 liters).	2	(D)	(D)	(D)	(D)
3352221015	13.5 to 15.4 cu. ft. (382 liters but under 438 liters).	3	(D)	(D)	(D)	(D)
3352221017	15.5 to 17.4 cu. ft. (438 liters but under 495 liters).	4	842.9	239.2	715.7	222.9
3352221019	17.5 to 19.4 cu. ft. (495 liters but under 552 liters).	6	2,761.6	893.8	2,722.0	965.6
3352221021	19.5 to 21.4 cu. ft. (552 liters but under 608 liters).	6	1,207.0	664.6	1,105.2	628.0
3352221023	21.5 to 24.4 cu. ft. (608 liters but under 693 liters).	6	2,157.6	1,200.8	1,594.0	1,009.2
3352221025	24.4 cu. ft. and over (693 liters and over).	6	1,778.6	1,391.0	1,497.7	1,203.2
	Compression type, fitted with only one external door:					
3352221027	6.4 cu. ft. and under (under 184 liters).	5	746.0	134.1	854.8	137.5
3352221029	6.5 cu. ft. and over (184 liters and over).	3	(D)	(D)	(D)	(D)
3352221031	Other household refrigerators.	4	(D)	(D)	(D)	(D)
3352222	Food freezers, complete units, for freezing and/or storing frozen food (household type) 2/.	5	(D)	(D)	(D)	(D)
3352222011	Upright type freezers.	5	(D)	(D)	(D)	(D)
3352222013	Chest type freezers.	2	(D)	(D)	(D)	(D)
3352223000	Parts and attachments for household refrigerators and freezers, excluding compressors and condensing units and ice making machines.	11	(X)	108.8	(X)	92.4

Table 2. Quantity and Value of Shipments of Major Household Appliances: 2000 and 1999
 [Quantity in thousands of units. Value in millions of dollars]

Product code	Product description	No. of cos.	2000		1999	
			Quantity	Value	Quantity	Value
3352240	Household laundry machines (household type defined as having dry linen capacity not exceeding 10 kg (22 lb).	6	15,044.9	4,046.6	14,750.9	4,029.7
	Washing machines, mechanical (electric):					
3352240211	Coin-operated 3/.	4	(D)	(D)	(D)	(D)
3352240213	Noncoin-operated.	6	8,042.9	2,208.4	7,990.9	2,277.1
3352240215	Other washing machines, including machines with a built-in centrifugal drier and gasoline driven 3/.	2	(D)	(D)	(D)	(D)
	Dryers, mechanical (incorporating heat):					
3352240317	Gas (noncoin-operated).	6	1,421.9	372.8	1,382.4	372.1
3352240319	Electric (noncoin-operated).	6	4,816.3	1,033.6	4,665.6	1,016.4
3352240321	Coin-operated.	4	132.7	60.4	103.2	47.1
	Parts, accessories, and attachments for household laundry equipment, sold separately.	9	(X)	152.9	(X)	154.9
3352240191	For household washing machines.	8	(X)	144.6	(X)	146.5
3352240195	For household drying machines.	4	(X)	8.3	(X) r/	8.4
3352281	Water heaters, electric (for permanent installation)	9	4,441.0	576.4 a/	4,429.4 a/	580.0
	Storage type:					
3352281011	34 gallons and under (under 132 liters).	6	1,139.4	135.8	977.4	116.0
3352281013	35 to 44 gallons (132 liters but under 170 liters).	6	1,394.1	168.1	1,579.8	191.5
3352281015	45 to 54 gallons (170 liters but under 208 liters).	5	1,178.7	160.6	1,175.4	161.5
3352281017	55 gallons and over (208 liters and over).	6	391.7	76.3	367.8	76.4
3352281019	Other types, including circulating and portable storage.	5	337.1	35.5	329.0	34.7
3352283	Water heaters (except electric).	11	6,217.8	843.6	5,954.4	842.8
	Direct fired water heaters:					
3352283011	Gas 4/.	9	(D)	(D)	(D)	(D)
3352283013	Oil 4/.	3	(D)	(D)	(D)	(D)
3352283015	Indirect water heaters, including storage, cast or coil type (less tank); tanks (with or without generator coils); generator coils with tank collar (sold without tank); and instantaneous.	6	141.1	31.8	132.6	28.6
3352285	Other household type appliances and parts, n.e.c.	19	14,644.3	1,983.9	14,782.6	1,998.8
	Dishwashing machines:					
3352285111	Portable type, including convertible type.	4	(D)	(D)	(D)	(D)
3352285113	Built-in type.	4	5,708.0	1,302.2	5,673.5	1,336.8
3352285117	Food waste disposals (all sizes, of the electromechanical comminutor type, operating in conjunction with household plumbing systems of the type generally used in residences).	3	(D)	(D)	(D)	(D)
3352285119	Household trash compactors.	2	(D)	(D)	(D)	(D)

Continued

Table 2. Quantity and Value of Shipments of Major Household Appliances: 2000 and 1999
 [Quantity in thousands of units. Value in millions of dollars]

Product code	Product description	No. of cos.	2000		1999	
			Quantity	Value	Quantity	Value
	Parts for other household appliances, n.e.c.:					
3352285193	For electric water heaters.	5	(X)	18.8	(X)	21.5
3352285195	For nonelectric water heaters.	3	(X)	14.5	(X)	17.0
3352285197	For dishwashing machines.	6	(X)	24.3	(X) r/	35.0
3352285199	For other major household appliances, n.e.c.	4	(X)	(D)	(X)	(D)

D Withheld to avoid disclosing data for individual companies. NA Not available. n.e.c. Not elsewhere classified.
 r/Revised by 5 percent or more from previously published data. X Not applicable.

1/Product code 3352213111 and 3352213113 sum to: 2000 quantity, 1,122,639; 2000 shipments, 411,238; 1999 quantity, 1,119,879; 1999 shipments, 411,271.

2/Product class 3352222 and 3352221 have been combined.

3/Product codes 3352240211 and 3352240215 sum to: 2000 quantity, 631,087; 2000 shipments, 371,470; 1999 quantity, 608,790; 1999 shipments, 317,026.

4/Product codes 3352283011 and 3352283013 sum to: 2000 quantity, 6,076,738; 2000 shipments, 817,731; 1999 quantity, 5,821,854; 1999 shipments, 814,173.

Note: Percent of estimation of each item is indicated as follows: a/10 to 25 percent of this item has been estimated.
 b/Over 25 percent of their item has been estimated.

Table 3. Shipments, Exports, and Imports of Major Household Appliance: 2000
 [Quantity in thousands of units. Value in millions of dollars]

Product code	Product description	Manufacturers' shipments		Exports of domestic merchandise 1/ 2/		Imports for consumption 1/ 3/	
		Quantity	Value	Quantity	Value	Quantity	Value
3352211311, 313, 315, 417, 419, 421, 423, 525	Electric ranges, ovens, surface surface cooking units, microwave oven combinations.	(D)	(D)	86.6	52.6	11,342.2	510.0
3352211527	Microwave ovens.	(D)	(D)	508.1	63.9	(X)	(X)
3352211290	Parts and accessories for electric ranges and ovens.	(X)	99.4	(X)	196.4	(X)	152.5
3352213111, 113, 115, 117, 119, 121, 123	Gas ranges, ovens, and surface cooking units.	1,825.0	687.0	93.0	37.8	1,647.2	351.1
3352213190	Parts and accessories for gas ranges and ovens and other cooking equipment.	(X)	94.6	(X)	23.0	(X)	72.5
	Other household ranges and cooking equipment, including barbecuers, grills stoves, braziers, etc., (except gas and electric) for outdoor cooking, and other cooking:						
3352215111	Gas fuel or both gas and other fuel	6,379.1	957.4	568.1	63.1	(X)	(X)
3352215113	Solid fuel (charcoal, wood, and coal)	4,811.0	144.9	174.7	19.8	4,059.7	48.5
3352215115	Liquid fuel (oil, and kerosene).	382.7	43.7	143.8	4.8	810.1	8.5
3352215117	All other outdoor cooking equipment.	131.4	126.3	71.6	8.8	332.7	14.7
	Compression type refrigerators, fitted with separate external doors, including all combinations with two or more external doors:						
3352221011	9.4 cu. ft. and under (under 269 liters).	(D)	(D)	53.2	28.3	102.3	18.8
3352221013	9.5 to 13.4 cu. ft. (269 liters but under 382 liters).	(D)	(D)	28.5	8.2	133.9	33.0
3352221015, 017, 019, 021, 023, 025	13.5 cu. ft. and over (382 liters and over).	(D)	(D)	816.6	430.3	422.0	137.8
	Compression type refrigerators, fitted with one external door:						
3352221027	6.4 cu. ft. and under (under 184 liters).	746.0	134.1	21.2	12.3	2,360.9	218.9
3352221029	6.5 cu. ft. and over (184 liters and over).	(D)	(D)	159.3	83.6	302.2	47.4
3352221031	Other household refrigerators, noncompression, fitted with one external door.	(D)	(D)	127.3	49.7	192.1	85.2
3352222011	Freezers, upright type.	(D)	(D)	109.3	42.4	132.4	26.9
3352222013	Freezers, chest type.	(D)	(D)	110.1	27.4	326.5	52.8
3352240211	Fully automatic electric washing machines (coin-operated).	(D)	(D)	82.0	26.8	6.6	8.0
3352240213	Fully automatic electric washing machines (noncoin-operated).	8,042.9	2,208.4	633.2	207.5	434.1	61.4
3352240215	Other washing machines.	(D)	(D)	58.8	26.2	12.1	0.3

Table 3. Shipments, Exports, and Imports of Major Household Appliance: 2000
 [Quantity in thousands of units. Value in millions of dollars]

Product code	Product description	Manufacturers' shipments		Exports of domestic merchandise 1/ 2/		Imports for consumption 1/ 3/	
		Quantity	Value	Quantity	Value	Quantity	Value
3352240317, 319	Dryers (noncoin-operated) and other drying equipment.	6,238.2	1,406.4	15.6	6.2	3.6	0.8
3352240321	Dryers (coin-operated).	132.7	60.4	481.9	103.3	852.4	141.5
3352281011, 013, 015, 017	Water heaters, electric, storage type.	4,103.9	540.8	(NA)	(NA)	(NA)	(NA)
3352281019	Water heaters, electric, other.	337.1	35.5	(NA)	(NA)	(NA)	(NA)
3352283011, 013	Water heaters, nonelectric, direct fired, gas or oil	(D)	(D)	(NA)	(NA)	(NA)	(NA)
3352283015	Water heaters, nonelectric, indirect fired, other than gas or oil.	141.1	31.8	(NA)	(NA)	(NA)	(NA)
3352285111, 113	Other household type appliances, n.e.c.: Dishwashing machines, household	5,708.0	1,302.2	408.0	94.4	253.5	72.9
3352285117, 119	Food waste disposals.	(D)	(D)	279.1	17.5	69.9	1.5
3352285193, 195, 197, 199	Parts for other major household appliances.	(X)	(D)	(X)	21.9	(X)	48.1

D Withheld to avoid disclosing data for individual companies. NA Not available. n.e.c. Not elsewhere classified.
 X Not applicable.

1/For comparison of North American Industry Classification Systems-based codes with Schedule B export numbers and HTSUSA import numbers, see Table 4.

2/Source: Census Bureau report EM 545, U.S. Exports.

3/Source: Census Bureau report IM 145, U.S. Imports for Consumption.

Note: Data may not add because of independent rounding.

Table 4. Comparison of Standard Industrial Classification-Based Product Codes with Schedule B Export Numbers and HTUSA Import Numbers: 2000

Product code	Description	Export Number 1/	Import Number 2/
3352211311, 313, 315, 417, 419, 421, 423, 525	Electric ranges, ovens, and surface cooking units, microwave oven combinations.	8516.60.4000	8516.60.4060 8516.60.4070 8516.60.4080
3352211527	Microwave ovens.	8516.50.0000	8516.50.0030 8516.50.0060 8516.50.0090
3352211290	Parts and accessories for electric electric ranges and ovens.	8516.90.1700 8516.90.2700 8516.90.9500	8516.90.3500 8516.90.4500 8516.90.5000 8516.90.5500 8516.90.6500 8516.90.7500 8516.90.8000
3352213111, 113, 115, 117, 119, 121, 123	Gas ranges, ovens, and surface cooking units.	7321.11.5000	7321.11.3000 7321.11.6000
3352213190	Parts and accessories for gas ranges and ovens and other cooking equipment.	7321.90.6050	7321.90.1000 7321.90.2000 7321.90.4000 7321.90.5000 7321.90.6030
3352215111	Gas fuel or both gas and other fuel.	7321.11.1000	7321.11.1030 7321.11.1060
3352215113	Solid fuel (charcoal, wood, coal, etc.).	7321.13.0050	7321.13.0020 7321.13.0040
3352215115	Liquid fuel (oil, kerosene, etc.).	7321.12.0000	7321.12.0000
3352215117, 190	All other outdoor and other cooking equipment	7321.13.0070	7321.13.0060 7321.13.0080

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Table 4. Comparison of Standard Industrial Classification-Based Product Codes with Schedule B Export Numbers and HTUSA Import Numbers: 2000

Product code	Description	Export Number 1/	Import Number 2/
	Compression type refrigerators, fitted with separate external doors (including all combinations with two or more external doors):		
3352221011	9.4 cu. ft. and under (under 269 liters).	8418.10.0010	8418.10.0010
		8418.10.0020	8418.10.0020
3352221013	9.5 to 13.4 cu. ft. (269 liters to under 382 liters).	8418.10.0030	8418.10.0030
3352221015, 017, 019, 021, 023, 025	13.5 cu. ft. and over (382 liters and over).	8418.10.0040	8418.10.0040
	Compression type, fitted with one external door:		
3352221027	6.4 cu. ft. and under (under 184 liters).	8418.21.0010	8418.21.0010
3352221029	6.5 cu. ft. and over (184 liters and over).	8418.21.0020	8418.21.0020
		8418.21.0030	8418.21.0030
		8418.21.0090	8418.21.0090
3352221031	Other household refrigerators, noncompression, fitted with one external door.	8418.10.0090	8418.10.0090
		8418.22.0000	8418.22.0000
		8418.29.0000	8418.29.0000
3352222011	Freezers, upright type.	8418.40.0000	8418.40.0000
3352222013	Freezers, chest type.	8418.30.0000	8418.30.0000
352240211	Fully automatic washing machines, electric (coin-operated).	8450.11.0010	8450.11.0010
3352240213	Fully automatic washing machines, electric (noncoin-operated).	8450.11.0090	8450.11.0040
			8450.11.0080
3352240215	Other washing machines.	8450.12.0000	8450.12.0000
		8450.19.0000	8450.19.0000
		8450.20.0010	8450.20.0010
		8450.20.0090	8450.20.0090
3352240317, 319	Dryers (noncoin-operated) and other drying equipment.	8451.21.0090	8451.21.0090
3352240321	Dryers (coin-operated).	8451.21.0010	8451.21.0010

Continued

Table 4. Comparison of Standard Industrial Classification-Based Product Codes with Schedule B Export Numbers and HTUSA Import Numbers: 2000

Product code	Description	Export Number 1/	Import Number 2/
3352285111, 113	Dishwashing machines, household.	8422.11.0000	8422.11.0000
3352285117, 119	Food waste disposals.	8509.30.0000	8509.30.0000
3352285193, 195, 197, 199	Parts for other major household appliances	8422.90.0200 8509.90.3000 8509.90.4050	8422.90.0200 8422.90.0400 8422.90.0640 8509.90.2500 8509.90.3500

1/ Source: 2000 edition, Harmonized System-Based Schedule B, Statistical Classification of Domestic and Foreign Commodities Exported from the United States.

2/ Source: Harmonized Tariff Schedule of the United States, Annotated (2000).