

# Major Household Appliances

# 1998

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*(Formerly Series No. MA36F)*

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 1997 Manufacturing Profiles, issued August 1999.

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/](http://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](http://www.census.gov/epcd/www/naics.html).

## Summary of Findings

In 1998, manufacturers' shipments of major household appliances increased 6 percent from \$15.2 billion in 1997 to \$16.2 billion. Shipments of household cooking equipment, including parts and accessories, totaled \$3.9 billion in 1998, a 4-percent increase from the 1997 value of \$3.8 billion. The value of household refrigerators and freezers, including parts and attachments, increased 6 percent, from \$5.4 billion in 1997 to \$5.8 billion in 1998. Shipments for household laundry equipment and parts increased 4 percent from \$3.2 billion in 1997 to \$3.3 billion in 1998. Shipments for household appliances, not elsewhere classified, increased 10 percent from \$1.7 billion in 1997 to \$1.9 billion in 1998.

Current  
Industrial  
Reports

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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Economics and Statistics Administration  
U.S. Census Bureau



Table 1. Value of Shipments of Major Household Appliances by Class of Product: 1991 to 1998  
 [Millions of dollars]

Product code	Product description	1998	1997	1996	1995	1994	1993	1992	1991
3352211110	Electric household ranges, ovens, and surface cooking units, equipment, and parts .....	2,228.6	2,099.9	1,865.8	1,791.8	1,791.1	1,731.3	1,619.8	1,614.9
3352213000	Gas household ranges, ovens, and surface cooking units, equipment, and parts .....	683.2	606.8	544.6	654.1	649.6	621.5	599.6	609.5
3352215000	Other household ranges, cooking equipment and outdoor cooking equipment, including parts and accessories .....	1,029.0	1,082.0	1,004.0	911.6	872.7	786.1	750.0	657.4
3352221000	Household refrigerators, including combination refrigerator-freezers 1/.....	5,672.1	5,272.4	5,084.4	4,739.4	4,882.1	4,310.3	3,937.6	3,362.7
3352222000	Food freezers, complete units, for freezing and/or storing frozen food (household type) 1/.....	(D)	(D)	(D)	(D)	(D)	(D)	(D)	277.4
3352223000	Parts and attachments for household refrigerators and freezers .....	95.8	155.8	160.7	111.8	84.7	73.7	78.7	127.9
3352240000	Household laundry machines and parts .....	3,327.3	3,191.5	3,217.9	3,095.4	3,361.4	3,389.4	2,961.7	2,919.0
3352281000	Water heaters, electric .....	541.3	552.3	558.8	513.0	516.4	473.4	401.0	446.7
3352283000	Water heaters (except electric) .....	810.7	748.7	764.6	681.8	748.8	700.0	586.5	616.1
3352285000	Household appliances, n.e.c., and parts .....	1,861.0	1,671.4	1,601.6	1,579.2	1,624.3	1,305.6	1,276.5	1,170.8

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

1/For the years 1992 through 1998, product codes 3352222000 and 3352221000 are combined to avoid disclosing data for individual companies.

Table 2. Quantity and Value of Shipments of Major Household Appliances: 1998 and 1997  
 [Quantity in thousands of units. Value in millions of dollars]

Product code	Product description	Number of companies	1998		1997	
			Quantity	Value	Quantity	Value
3352211	Major household appliances .....	(NA)	(X)	16,153.2	(X) r/	15,225.0
3352211110	Electric ranges, ovens, and surface cooking units, equipment and parts .....	17	8,620.3	2,228.6 r/	7,888.0 r/	2,099.9
	Free-standing ranges (widths are based on outside dimensions):					
3352211311	Under 23 (58.4 cm) inches in width, all types, including apartment house type .....	6	(D)	(D)	(D)	(D)
3352211313	23 (58.4 cm) inches up to and including 32 (81.3 cm) inches in width .....	8	3,367.9	1,082.1 r/	3,079.7 r/	994.1
3352211315	33 (83.8 cm) inches and over in width, all types .....	3	(D)	(D)	(D)	(D)
	Other than free-standing:					
	Built-in ranges:					
	Built-in ovens:					
3352211417	Single oven .....	7	381.8	231.5 r/	351.1 r/	213.2
3352211419	Two ovens .....	5	180.4 a/	156.8 r/	129.9 r/	114.4
3352211421	Surface cooking tops .....	7	406.3	118.6 r/	418.9 r/	123.0
3352211423	Drop-in ranges .....	4	(D)	(D)	(D)	(D)
3352211525	Microwave ranges and ovens, including combination microwave/electric ranges and built-in ovens that utilize microwave and electrothermal energy in one or more of the oven cavities .....	5	76.2 a/	68.4 r/	68.0 r/	75.8
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 .....	12	(X)	105.6	(X) r/	134.9
3352213	Gas household ranges, ovens, and surface cooking units, equipment, and parts .....	15	1,869.0	683.2 r/	1,674.6 r/	606.8
	Standard type, free-standing:					
3352213111	Over 32 (81.3 cm) inches cooking top and oven 1/ .....	5	(D)	(D)	(D)	(D)
3352213113	Over 24 (61 cm) inches to 32 (81.3 cm) inches cooking top and oven 1/ .....	6	(D)	(D)	(D)	(D)
3352213115	Apartment ranges, 24 (61 cm) inches cooking top and under .....	3	201.2	38.2 r/	176.5 r/	33.4
3352213117	Standard type, for built-in installation (built-in or stack-on oven broiler units) .....	4	(D)	(D)	(D)	(D)
3352213119	Surface cooking tops (one or more burners) .....	7	243.8 a/	87.1 r/	213.2 r/	76.1
3352213121	Nonstandard types, including wall-hung, slide-in, or drop-in .....	5	254.5	77.8 r/	226.0 r/	60.4
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 .....	10	(X)	61.9	(X) r/	58.5
3352215	Other household ranges and cooking equipment (except gas and electric) and outdoor cooking equipment, including parts and accessories .....	23	10,748.0	1,029.0 r/	11,558.1	1,082.0
	Barbecuers, grills, stoves, braziers, etc., for outdoor cooking and other cooking:					
	Portable units:					
3352215111	Gas fuel or both gas and other fuel .....	13 a/	5,065.8	686.2 r/	5,901.7 r/	752.5

Table 2. Quantity and Value of Shipments of Major Household Appliances: 1998 and 1997  
 [Quantity in thousands of units. Value in millions of dollars]

Product code	Product description	Number of companies	1998			1997		
			Quantity	Value		Quantity	Value	
3352215113	Solid fuel (charcoal, wood, coal, etc.) .....	10 b/	5,111.6 a/	146.0 r/		5,146.5 r/	143.0	
3352215115	Liquid fuel (oil, kerosene, etc.) .....	3 b/	456.7 b/	50.7 r/		379.2 r/	42.4	
3352215117	All other outdoor and other cooking equipment .....	6	113.9	14.6 r/		130.7 r/	14.5	
3352215190	Parts and accessories for outdoor and other cooking equipment, sold separately .....	15	(X)	131.5		(X)	129.6	
3352221	Household refrigerators, including combination refrigerator-freezers 2/ .....	12	12,617.9	5,672.1 r/		12,092.4 r/	5,272.4	
	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)		84.8	18.8	
3352221013	9.5 to 13.4 cu. ft. (269 liters but under 382 liters) .....	2	(D)	(D) r/		225.7 r/	63.3	
3352221015	13.5 to 15.4 cu. ft. (382 liters but under 438 liters) .....	3	930.6	270.5		1,275.1	399.1	
3352221017	15.5 to 17.4 cu. ft. (438 liters but under 495 liters) .....	4	850.6	272.9 r/		918.2 r/	307.9	
3352221019	17.5 to 19.4 cu. ft. (495 liters but under 552 liters) .....	6	3,109.0	1,360.8 r/		3,089.1 r/	1,151.2	
3352221021	19.5 to 21.4 cu. ft. (552 liters but under 608 liters) .....	6	1,340.3	745.7		1,432.8	757.8	
3352221023	21.5 to 24.4 cu. ft. (608 liters but under 693 liters) .....	6	1,446.0	1,031.1		1,343.2	961.8	
3352221025	24.4 cu. ft. and over (693 liters and over) .....	5	1,268.9	1,077.7		1,085.6	980.0	
	Compression type, fitted with only one external door:							
3352221027	6.4 cu. ft. and under (under 184 liters) .....	5	846.0	127.4		720.2	109.9	
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 .....	16	(X)	95.8		(X)	155.8	
3352240	Household laundry machines (household type defined as having dry linen capacity not exceeding 10 kg (22 lbs.)) .....	5	12,145.4	3,327.3		12,129.0	3,191.5	
	Washing machines, mechanical (electric):							
3352240211	Coin-operated 3/ .....	4	(D)	(D) r/		226.2 r/	105.8	
3352240213	Noncoin-operated .....	5	7,503.9	2,121.9		6,715.6	1,836.5	
3352240215	Other washing machines, including machines with a built-in centrifugal drier and gasoline driven 3/ .....	2	(D)	(D)		269.4	151.8	
	Dryers, mechanical (incorporating heat):							
3352240317	Gas (noncoin-operated) .....	4	1,157.1	309.8		1,048.5	269.7	
3352240319	Electric (noncoin-operated) .....	4	2,961.1	632.3		3,782.1	792.2	
3352240321	Coin-operated .....	3	87.1	37.9 r/		87.2 r/	35.4	
	Parts, accessories, and attachments for household laundry equipment, sold separately .....	12	(X)	253.0		(X) r/	291.8	
3352240191	For household washing machines .....	10	(X)	150.3		(X)	186.1	

Table 2. Quantity and Value of Shipments of Major Household Appliances: 1998 and 1997  
 [Quantity in thousands of units. Value in millions of dollars]

Product code	Product description	Number of companies	1998		1997		
			Quantity	Value	Quantity	Value	
3352240195	For household drying machines .....	5	(X)	9.2	(X)	11.2	
3352281	Water heaters, electric (for permanent installation) .....	10	a/	4,170.5 a/	541.3 b/	4,427.7 b/	552.3
	Storage type:						
3352281011	34 gallons and under (under 132 liters) .....	7		886.0	107.1 b/	1,006.7 b/	111.4
3352281013	35 to 44 gallons (132 liters but under 170 liters) .....	7	b/	1,505.5 b/	183.7 b/	1,558.2 b/	189.3
3352281015	45 to 54 gallons (170 liters but under 208 liters) .....	5	a/	1,112.6 a/	150.6 b/	1,198.2 b/	158.9
3352281017	55 gallons and over (208 liters and over) .....	6		344.4	68.1 r/	372.4	63.9
3352281019	Other types, including circulating and portable storage .....	5	a/	322.0 a/	31.8	292.1	28.7
3352283	Water heaters (except electric) .....	11	a/	4,850.3 a/	810.7 b/	4,862.7 b/	748.7
	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		113.6	22.8 r/	107.1 r/	20.8
3352285	Other household type appliances and parts, n.e.c. ....	19		14,110.8	1,861.0	13,526.3 r/	1,671.4
	Dishwashing machines:						
3352285111	Portable type, including convertible type .....	3		(D)	(D)	(D)	(D)
3352285113	Built-in type .....	4		5,184.1	1,211.9 r/	4,626.6 r/	1,064.9
3352122219	Floor-waxing, polishing, scrubbing, and shampooing machines (for household use only) .....	3		(D)	(D)	(D)	(D)
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) .....	2		(D)	(D)	(D)	(D)
3352285119	Household trash compactors .....	2		(D)	(D)	(D)	(D)
	Parts for other household appliances, n.e.c.:						
3352285193	For electric water heaters .....	6		(X)	22.1	(X) b/	21.5
3352285195	For nonelectric water heaters .....	5		(X)	17.7	(X) b/	20.1
3352285197	For dishwashing machines .....	9		(X)	31.5	(X)	36.9
3352285199	For other major household appliances, n.e.c. ....	3		(X)	(D)	(X)	(D)

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

1/Product codes 3352213111 and 3352213113 sum to: 1998 quantity, 1,108,299; 1998 value, 388,175; 1997 quantity, 1,009,505; 1997 value, 355,295.

2/Product class 3352222 and 3352221 have been combined.

3/Product codes 3352240211 and 3352240215 sum to: 1998 quantity, 436,045; 1998 value, \$225,393.

4/Product codes 3352283011 and 3352283013 sum to: 1998 quantity, 4,736,689; 1998 value, 787,948; 1997 quantity, 4,755,693; 1997 value, 727,842.

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 this item has been estimated.

Table 3. Shipments, Exports, and Imports of Major Household Appliances: 1998  
 [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	Electric ranges, ovens, surface cooking						
3352211313	units, microwave oven combinations .....	4,412.6	1,657.3	90.3	51.3	7,164.4	259.5
3352211315							
3352211417							
3352211419							
3352211421							
3352211423							
3352211525							
3352211527	Microwave ovens .....	(D)	(D)	458.8	63.7	(X)	(X)
3352211290	Parts and accessories for electric ranges and ovens .....	(X)	105.6	(X)	230.7	(X)	147.2
3352213111	Gas ranges, ovens, and surface cooking						
3352213113	units .....	699.4	203.1	119.0	45.8	1,423.8	292.6
3352213115							
3352213117							
3352213119							
3352213121							
3352213123							
3352213190	Parts and accessories for gas ranges and ovens and other cooking equipment .....	(X)	61.9	(X)	20.9	(X)	65.5
	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 .....	5,065.8	686.2	783.6	67.7	(X)	(X)
3352215113	Solid fuel (charcoal, wood, and coal) .....	5,111.6	146.0	144.7	21.0	2,628.4	24.7
3352215115	Liquid fuel (oil, and kerosene) .....	456.7	50.7	297.1	6.1	49.5	1.0
3352215117	All other outdoor cooking equipment .....	113.9	146.1	96.0	7.6	236.3	4.8
3352215190							
	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)	55.5	22.8	226.6	26.7
3352221013	9.5 to 13.4 cu. ft. (269 liters but under 382 liters) .....	(D)	(D)	29.5	8.2	179.2	43.8
3352221015	13.5 cu. ft. and over (382 liters and over) .....	8,945.3	4,758.7	765.8	429.9	321.4	102.1
3352221017							
3352221019							
3352221021							
3352221023							
3352221025							
	Compression type refrigerators, fitted with one external door:						
3352221027	6.4 cu. ft. and under (under 184 liters).....	846.0	127.4	41.6	19.5	1,614.9	156.4
3352221029	6.5 cu. ft. and over (184 liters and over) .....	(D)	(D)	290.4	148.2	213.7	89.3
3352221031	Other household refrigerators, non- compression, fitted with one external door .....	(D)	(D)	132.7	54.8	284.6	28.9
3352222011	Freezers, upright type .....	(D)	(D)	95.1	37.4	104.0	24.3
3352222013	Freezers, chest type .....	(D)	(D)	121.6	33.9	250.2	45.9
3352240211	Fully automatic electric washing machines (coin-operated) .....	(D)	(D)	49.8	17.4	6.0	2.3
3352240213	Fully automatic electric washing machines (noncoin-operated) .....	7,503.9	2,121.9	771.8	219.4	328.3	49.1
3352240215	Other washing machines .....	(D)	(D)	28.6	13.6	1.1	1.4
3352240317	Dryers (noncoin-operated) and other						
3352240319	drying equipment .....	4,118.2	942.2	12.9	5.1	4.8	1.3
3352240321	Dryers (coin-operated) .....	87.1	37.9	428.3	86.0	609.7	99.2

Table 3. Shipments, Exports, and Imports of Major Household Appliances: 1998  
 [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
3352281011 3352281013 3352281015 3352281017	Water heaters, electric, storage type .....	3,848.5	509.5	(NA)	(NA)	(NA)	(NA)
3352281019 3352283011 3352283013	Water heaters, electric, other ..... Water heaters, nonelectric, direct fired, gas or oil .....	322.0	31.8	(NA)	(NA)	(NA)	(NA)
3352283015	Water heaters, nonelectric, indirect fired, other than gas or oil .....	113.6	22.8	(NA)	(NA)	(NA)	(NA)
3352285111 3352285113	Other household type appliances, n.e.c.: Dishwashing machines, household .....	5,184.1	1,211.9	352.1	83.0	134.8	41.5
3352122219 3352285117 3352285119	Floor polishers ..... Food waste disposals .....	(D)	(D)	52.5	7.7	17.4	3.1
3352285193 3352285195 3352285197 3352285199	Parts for other major household appliances .....	(X)	(D)	(X)	11.4	(X)	68.0

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 System-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: Details may not add to totals because of rounding.

**Table 4. Comparison of North American Industry Classification System-Based Product Codes with Schedule B Export Numbers and HTUSA Import Numbers: 1998**

<b>Product code</b>	<b>Product description</b>	<b>Export number 1/</b>	<b>Import number 2/</b>
3352211311	Electric ranges, ovens, and surface cooking units, microwave oven combinations .....	8516.60.4000	8516.60.4060
3352211313			
3352211315			
3352211417			
3352211419			
3352211421			
3352211423			
3352211525			
3352211527	Microwave ovens .....	8516.50.0000	8516.50.0000
3352211290	Parts and accessories for electric ranges and ovens .....	8516.90.1700	8516.90.3500
		8516.90.2700	8516.90.4500
		8516.90.9500	8516.90.5000
			8516.90.5500
			8516.90.6500
			8516.90.7500
		8516.90.8000	
3352213111	Gas ranges, ovens, and surface cooking units .....	7321.11.5000	7321.11.3000
3352213113			
3352213115			
3352213117			
3352213119			
3352213121			
3352213123			
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	7321.11.1000
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	All other outdoor and other cooking equipment .....	7321.13.0070	7321.13.0060
3352215190			7321.13.0080
	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	13.5 cu. ft. and over (382 liters and over) .....	8418.10.0040	8418.10.0040
3352221017			
3352221019			
3352221021			
3352221023			
3352221025			



Table 4. Comparison of North American Industry Classification System-Based Product Codes with Schedule B Export Numbers and HTUSA Import Numbers: 1998

Product code	Product description	Export number 1/	Import number 2/
	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
		8418.22.0000	8418.22.0000
3352221031	Other household refrigerators, noncompression, fitted with one external door .....	8418.10.0090	8418.10.0090
		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
3352240211	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
3352240317	Dryers (noncoin-operated) and other drying equipment .....	8451.21.0010	8451.21.0010
3352240319		8451.21.0010	8451.21.0010
3352240321	Dryers (coin-operated) .....	8451.21.0090	8451.21.0090
3352285111	Dishwashing machines, household .....	8422.11.0000	8422.11.0000
3352285113			
3352122219	Floor polishers .....	8509.20.0000	8509.20.0000
3352285117	Food waste disposals .....	8509.30.0000	8509.30.0000
3352285119			
3352285193	Parts for other major household appliances .....	8422.90.0540	8422.90.0200
3352285195		8509.90.3000	8422.90.0400
3352285197		8452.90.0010	8422.90.0640
3352285199			8509.90.2500
			8509.90.3500
			8452.90.0010

1/Source: 1998 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 (1998).