

U.S. Census Bureau
Electromedical Equipment and Analytical Instruments - 2007
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These data are also available online through STAT-USA by subscription. For further information, visit <http://www.stat-usa.gov/> or call 1-800-STAT-USA.

Table 1. Value of Shipments of Electromedical Equipment and Analytical Instruments: 2002 to 2007
 [Millions of dollars]

Product class code	Product description	2007	2006	2005	2004	2003	2002
3333143	All other miscellaneous optical instruments and lenses.....	2,079.2 r/	2,012.5	1,960.8	1,871.2	1,702.6	2,174.4
3345101	Electromedical equipment, including diagnostic, therapeutic, and patient monitoring equipment (excluding ionizing radiation equipment).....	20,825.6	19,610.5	18,240.5	13,611.1	11,747.0	12,125.7
3345160	Analytical and scientific instruments, except optical.....	8,911.7	8,393.6	8,086.5	7,544.6	7,918.2	7,271.9
3345170	Irradiation (ionizing radiation) equipment.....	6,852.2	7,065.2	6,454.1	4,971.2	4,873.5	4,524.2

r/Revised by 5 percent by 5 percent or more from previously published data.

Table 2. Value of Shipments of Electromedical Equipment and Analytical Instruments: 2007 and 2006
 [Value in thousands of dollars]

Product code	Product description	No. of cos.	2007		2006	
				Value		Value
3333143	Optical instruments and lenses.....	155	a/	2,079,159	a/ r/	2,012,484
3333143119	Binoculars and astronomical instruments, parts					
		20	c/	61,931	a/	126,851
3333143231	Optical test and inspection equipment.....	34	a/	190,760	r/	177,057
3333143232	Optical instruments used for inspecting semiconductors, wafers, and photo masks	8		300,415		(D)
	Optical components:					
3333143235	Filters	27	b/	160,158	r/	175,215
3333143237	Unmounted lenses	43		491,579	r/	445,206
3333143242	Mounted lenses	19		67,549		(D)
3333143243	Other optical components	49	a/	188,956	a/	188,109
3333143245	Other optical instruments.....	46	b/	475,371	r/	449,839
3333143251	Parts and accessories.....	31	c/	142,440	c/	157,968
3345101	Electromedical equipment, including diagnostic, therapeutic and patient monitoring equipment (excluding ionizing radiation equipment).....	127	a/	20,825,632		19,610,493
	Medical diagnostic equipment:					
3345101106	Ultrasound scanning devices.....	12		1,863,578		1,689,592
3345101109	Electrocardiograph (EKG).....	7		185,830	a/ r/	152,119
3345101124	All other medical diagnostic equipment.....	32		1,574,167	r/	1,709,436
	Patient monitoring equipment:					
3345101227	Intensive care/coronary care units, including component modules such as temperature, blood pressure, and pulse.....	14	b/	349,938	a/	357,243
3345101233	Prenatal and respiratory monitoring.....	9	b/	80,313	r/	81,893
3345101237	All other patient monitoring.....	21		2,709,331	r/	2,653,664
	Medical therapy equipment:					
3345101241	Ultrasound therapy.....	5		29,298		25,132
3345101247	Defibrillators.....	8		3,008,783	r/	2,872,810
3345101251	Dialyzers, includes machines and equipment.....	6	b/	1,094,083		934,919
3345101254	Medical laser equipment.....	11	c/	712,516	a/	625,885
3345101257	All other medical therapy equipment.....	27		3,656,384		3,336,075
	Surgical systems:					
3345101361	Electrosurgical equipment.....	10		429,467		405,618
3345101371	All other surgical support systems.....	20	c/	1,018,111	b/	940,793
3345101374	Other electromedical and electrotherapeutic apparatus.....	9	c/	1,377,680	c/	1,213,721
3345101477	Electromedical and electrotherapeutic parts and accessories.....	127		2,736,153	r/	2,611,593

Table 3. Shipments, Exports, and Imports of Electromedical Equipment and Analytical Instruments: 2007
 [Value in thousands of dollars]

Product code	Product description	Manufacturers' shipments (value of f.o.b. plant)	Exports of domestic merchandise (value at port) 1/	Imports for consumption (value) 2/ 3/
3333143119	Binoculars and astronomical instruments, parts and accessories, including mountings.....	61,931	135,349	277,022
3333143231, 235, 237, 242, 243, 245, 251	Optical instruments and lenses.....	1,716,813	2,452,938	619,492
3345101106	Ultrasound scanning devices, medical diagnostic.....	1,863,578	738,454	258,312
3345101109	Electrocardiograph (EKG), medical diagnostic.....	185,830	56,974	22,045
3345101124	All other medical diagnostic equipment.....	1,574,167	1,591,527	1,387,289
3345101247, 254, 257	Therapeutic electromedical equipment.....	7,377,683	839,032	896,332
3345101227, 233, 237	Patient monitoring equipment.....	3,139,582	341,854	347,028
3345101241	Ultrasound therapy equipment.....	29,298	21,062	3,393
3345101251	Dialyzers, including machines and equipment.....	1,094,083	73,237	32,232
3345101361	Electrosurgical equipment.....	429,467	1,467,538	415,762
3345101371, 374	Surgical systems equipment.....	2,395,791	727,150	660,240
3345101477	Electromedical and electrotherapeutic parts and accessories.....	2,736,153	1,187,745	1,664,905
3345160	Analytical and scientific instruments, except optical.....	8,911,715	3,322,429	2,333,328
3345170106	Computerized axial tomography (CT or CAT scan).....	1,333,951	556,154	589,148
3345170103, 112, 115, 332	Digital radiography, nuclear medicine, and other medical diagnostic X-ray equipment and other irradiation equipment, including parts and accessories for X-ray equipment.....	4,643,479	1,694,321	2,388,294
3345170121	Industrial and scientific X-ray equipment.....	549,399	386,714	158,807
3345170124	X-ray tubes, sold separately.....	325,327	316,836	303,236

D Withheld to avoid disclosing data for individual companies.

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

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

3/Value represents c.i.f. (cost, insurance and freight) value at port of entry in the United States plus import duties.

Note: For comparison of the North American Industry Classification System (NAICS)-based product codes with Schedule B export codes, and HTSUSA import codes, see Table 4.

Table 4. Comparison of North American Industry Classification System (NAICS)-Based Product Codes with Schedule B Export Codes, and HTSUSA Import Codes: 2007

Product code	Product description	Export code 1/	Import code 2/
3333143119	Binoculars and astronomical instruments, parts and accessories, including mountings.....	9005.10.0020	9005.10.0020
		9005.10.0040	9005.10.0040
		9005.10.0080	9005.10.0080
		9005.80.4020	9005.80.4020
		9005.80.4040	9005.80.4040
		9005.80.6000	9005.80.6000
		9005.90.0000	9005.90.4000 9005.90.8000
3333143231, 235, 237, 242, 243, 245, 251	Optical instruments and lenses.....	9011.10.0000	9011.10.4000
		9011.20.0000	9011.10.8000
		9011.80.0000	9011.20.4000
		9011.90.0000	9011.20.8000
		9031.41.0000	9011.80.0000
		9031.90.0000	9011.90.0000
			9031.41.0020
			9031.41.0040
			9031.41.0060
			9031.90.4500 9031.90.5400 9031.90.5800
3345101106	Ultrasound scanning devices, medical diagnostic.....	9018.12.0000	9018.12.0000
3345101109	Electrocardiograph (EKG), medical diagnostic.....	9018.11.0040	9018.11.3000
3345101124	All other medical diagnostic equipment.....	9018.13.0000	9018.13.0000
		9018.19.4000	9018.19.4000
		9018.19.9530	9018.19.9530
		9018.19.9535	9018.19.9535
		9018.19.9550	9018.19.9550
3345101247, 254, 257	Therapeutic electromedical equipment.....	9018.90.7060	9018.20.0040
		9021.50.0000	9018.90.6400
			9018.90.7560 9021.50.0000
3345101227, 233, 237	Patient monitoring equipment.....	9018.19.5500	9018.19.5500
3345101241	Ultrasound therapy equipment.....	9018.90.7040	9018.90.7540
3345101251	Dialyzers, including machines and equipment.....	9018.90.7020	9018.90.7520
3345101361	Electrosurgical equipment.....	9018.90.6000	9018.90.6000
3345101371, 374	Surgical systems equipment.....	9018.20.0000	9018.20.0080
		9018.90.7080	9018.90758
3345101477	Electromedical and electrotherapeutic parts and accessories.....	9018.11.0080	9018.11.9000

		9018.19.7500	9018.19.7500
		9018.19.9560	9018.19.9560
		9018.90.7070	9018.90.7570
3345160	Analytical and scientific instruments, except optical.....	9012.10.0000	9012.10.0000
		9027.20.2000	9027.20.5030
		9027.20.5030	9027.20.5050
		9027.20.6050	9027.20.5060
		9027.20.9000	9027.20.5080
		9027.30.4040	9027.20.8030
		9027.30.4080	9027.20.8060
		9027.50.2000	9027.20.8090
		9027.50.5000	9027.30.4040
		9027.80.2600	9027.30.4080
		9027.80.3100	9027.50.4015
		9027.80.3200	9027.50.4020
		9027.80.3500	9027.80.4520
		9027.80.8000	9027.80.4530
			9027.80.4560
			9027.80.4590
			9027.80.8030
			9027.80.8060
			9027.80.8090
			9027.90.8400
			9027.90.8800
3345170106	Computerized axial tomography (CT or CAT scan).....	9022.12.0000	9022.12.0000
3345170103, 112, 115, 332	Digital radiography, nuclear medicine, and other medical diagnostic X-ray equipment and other irradiation equipment, including parts and accessories for X-ray equipment.....	9022.13.0000	9022.13.0000
		9022.14.0000	9022.14.0000
		9022.21.0000	9022.21.0000
		9022.29.8000	9022.29.8000
		9022.90.4000	9022.90.4000
		9022.90.6000	9022.90.6000
		9022.90.8000	9022.90.9500
3345170121	Industrial and scientific X-ray equipment.....	9022.19.0000	9022.19.0000
3345170124	X-ray tubes, sold separately.....	9022.30.0000	9022.30.0000

1/Source: 2007 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 (2007).

HISTORICAL NOTE

The Census Bureau has collected data on selected electronic and associated products since 1961 on survey MA36N, Selected Electronics and Associated Products. In 1985, survey MA36N was divided into three annual surveys: MA334P, Communication Equipment, Including Telephone, Telegraph, and Other Electronic Systems and Equipment; MA334Q, Semiconductors, Electronic Components, and Semiconductor Manufacturing Equipment; and MA334S, Electromedical and Irradiation Equipment.

Beginning in 2005, MA334S, Electromedical and Irradiation Equipment, and a portion of data for MA334B, Selected Instruments and Related Products, was published under a new survey titled MA334A, Electromedical Equipment and Analytical Instruments. Additional data for MA334B can be found on surveys MA334C, Control Instruments, MA334D, Defense, Navigational and Aerospace Electronics, and MA334T, Meters and Test Devices.

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