

Computers and Office and Accounting Machines

2000

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Current
Industrial
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 computers were valued at \$62.1 billion, a 4.1-percent decrease from the 1999 total of \$64.7 billion. Units of computers shipped decreased from 30.3 million in 1999 to 27.7 million in 2000. Personal computers were valued at \$22.6 billion in 2000, compared to \$26.8 billion in 1999. Workstations were valued at \$5.6 billion in 2000, compared to \$7.2 billion in 1999. Notebooks were valued at \$9.6 billion in 2000. Loaded processor boards and subassemblies were valued at \$36.0 billion compared to \$30.1 billion in 1999. Computer storage devices were valued at \$9.5 billion in 2000, compared to \$9.8 billion in 1999. Magnetic and optical recording media were valued at \$3.4 billion in 2000, compared to \$3.9 billion in 1999.

Address inquiries concerning these data to Investment Goods Industries Branch, Manufacturing and Construction Division (MCD), Washington, DC 20233-6900, or call Keith McKenzie, 301-457-4777.

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
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Table 1. Value of Shipments of Computers and Office and Accounting Machines by Product Class: 1993 to 2000
[Millions of dollars]

Product code	Product description	2000	1999	1998	1997	1996	1995	1994	1993
3341110000	Electronic computer manufacturing 1/.....	62,072.1	64,696.1	56,891.5	50,249.9	50,681.5	49,038.1	38,260.7	29,659.1
3341111000	Host computers (multiusers).....	22,365.9 r/	21,089.4	15,010.2	12,240.0	(NA)	(NA)	(NA)	(NA)
3541117000	Single user computers.....	38,720.8	42,765.3	41,001.9	36,987.5	(NA)	(NA)	(NA)	(NA)
334111D021	Other computers, including array, analog, hybrid, or special computers not listed above.....	985.5 r/	841.4	879.4	1,022.4	(NA)	(NA)	(NA)	(NA)
334418A000	Loaded computer processor boards and board subassemblies 2/.....	35,992.3	30,090.9	26,046.5	27,040.2	24,937.3	24,447.7	17,514.8	15,087.1
3341121000	Computer storage devices and equipment.....	9,531.6	9,826.5	9,318.6	8,837.4	8,909.2	7,903.0	5,555.6	5,730.7
3341124001	Parts for computer storage devices and subassemblies.....	1,424.2	2,253.5	2,309.7	2,382.3	1,719.9	2,235.6	1,951.9	1,496.4
3341131000	Computer terminals.....	424.6 r/	541.1	529.4	781.4	1,103.9	1,086.0	1,243.5	1,531.3
3341134001	Parts for computer terminals.....	(D)	(D)	(D)	(D)	199.2	(D)	(D)	275.9
3341191000	Computer peripheral equipment, n.e.c.	12,706.3	12,889.4	12,145.4	13,555.2	11,462.8	12,331.0	11,943.6	9,810.2
3341194001	Parts for input/output equipment.....	2,636.9	2,387.5	2,629.5	2,627.9	5,504.8	2,391.0	2,498.7	2,554.3
3341197	Calculating and accounting machines	799.7	1,195.6	1,060.5	1,621.9	1,485.0	1,278.9	1,261.5	1,454.2
3333136000	Parts for calculating, coin, or currency handling, and accounting machines	105.7	(D)	126.5	127.5	82.9	106.1	86.7	77.7
3333137000	Duplicating machines.....	(D)	(D)	(D)	(D)	59.9	(D)	68.4	(D)
333313A000	Mailing, letter-handling, and addressing machines.....	1,360.7	1,158.1	989.0	1,397.9	1,230.6	1,280.1	967.5	1,267.8
333313D000	Check handling, electric stapling and dictating machines, typewriters, and all other office machines, n.e.c.	602.2 r/	826.1	778.5	609.8	579.7	577.7	664	(D)
333313J000	Parts for office machines, n.e.c.	225.9 r/	463.2	359.5	439.4	454.4	440.3	359.6	344.7
3346130000	Magnetic and optical recording media.....	3,411.7	3,906.8	4,736.3	5,739.1	5,739.1	5,106.2	4,777.1	4,483.3

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.

1/In 1997, computer industry data were revised. Previous years are not comparable.

2/These data are collected on two Current Industrial Report forms, MA334R, "Computer and Office and Accounting Machines," and MA334Q, "Semiconductors, Printed Circuit Boards, and Other Electronic Components."

Table 2. Quantity and Value of Shipments of Computers and Office and Accounting Machines: 2000 and 1999
 [Quantity in number of units. Value in thousands of dollars]

Product code	Product description	No. of cos.	2000		1999	
			Quantity	Value	Quantity	Value
334111	Electronic computer manufacturing.....	132	27,703,954	62,072,126	30,335,269	64,696,102
	Host computers (multiusers):					
3341111001	Large scale systems, including mainframes super computers.....	16	1,526,411	7,168,407	r/ 1,393,073	r/ 6,884,721
3341111003	Medium-scale systems and unix servers 1/.....	24	(D)	(D)	r/ 1,074,433	r/ 10,760,086
3341111005	Personal computer servers 1/.....	24	(D)	(D)	638,069	r/ 2,885,615
3341111006	Other host computers	9	15,368	190,917	29,118	558,992
	Single user computers:					
3341117007	Personal computers.....	36	15,900,350	22,588,229	19,609,542	26,826,751
3341117009	Workstations.....	36	2,701,650	5,605,653	r/ 1,586,059	r/ 7,191,003
3341117011	Laptops (AC/DC) 2/.....	10	6,671	12,945	(D)	(D)
3341117013	Notebooks, subnotebooks (battery operated) 2/.....	16	4,169,407	9,599,839	(D)	(D)
3341117015	Personal digital assistants 3/.....	5	(D)	(D)	(D)	(D)
3341117017	Other portable computers 3/.....	6	(D)	(D)	(D)	(D)
3341117019	Other single user computers	5	217,099	a/ 106,787	207,407	a/ 109,579
334111D021	Other computers, including array, analog, hybrid or special-purpose computers not included above.....	35	284,285	985,520	1,491,605	841,417
334418A	Printed circuit assemblies (loaded boards, sub-assemblies, and modules) 4/.....	748	(X)	35,992,320	(X)	30,090,948
	Loaded computer processor boards and board subassemblies:					
334418A001	Computer and peripheral printed board assemblies	285	(X)	15,076,622	(X)	12,935,735
334418A003	Communications printed board assemblies....	254	(X)	10,112,581	(X)	r/ 7,195,560
334418A005	Industrial process control board assemblies	228	(X)	924,581	(X)	907,261
334418A007	Instrumentation printed board assemblies (except industrial)	190	(X)	2,319,804	(X)	r/ 2,281,213
334418A009	Search and detection printed board assemblies	59	(X)	106,886	(X)	r/ 114,055
334418A011	Consumer electronics printed board assemblies	137	(X)	548,747	(X)	498,995
3344418A013	Other electronics, printed board assemblies, including office equipments and point of sales	325	(X)	6,903,099	(X)	r/ 6,158,129
3341121	Computer storage devices and equipment.....	71	(X)	9,531,596	(X)	9,826,503
	Rigid magnetic disk drives:					
3341121001	Up to but not including, 3-1/2 inches 5/.....	5	(D)	(D)	(D)	(D)
3341121005	3-1/2 inches up to but not including, 5-1/4 inches.....	24	679,529	a/ 867,492	871,690	1,190,955
3341121007	5-1/4 inches and greater 5/.....	4	(D)	(D)	(D)	(D)
3341121009	Disk subsystems and disk arrays for multi-user computer systems.....	22	60,483	887,468	125,100	1,241,073
3341121011	Flexible magnetic disk drives.....	4	(D)	(D)	(D)	(D)
	Optical disk drives, including CD-ROM and magneto-optical equipment:					
	CD-ROM:					
	"Juke-box" capable of handling multiple disks	8	43,331	a/ 32,614	159,406	a/ 40,155
3341121013	Single-disk equipment.....	6	(D)	(D)	26,101	14,280
3341121016	DVD 6/.....	2	(D)	(D)	(NA)	(NA)
3341121018	Magneto-optical (MO).....	-	-	-	(NA)	(NA)
3341121020	Other optical disk drives 6/.....	3	(D)	(D)	(NA)	(NA)
3341121021	Optical subsystems for multiusers computer systems.....	7	(D)	(D)	18,220	a/ 179,244
3341121024	Auxiliary storage, not disk or tape-based, for multiuser computer systems.....	8	(D)	(D)	(D)	(D)
3341121027	Other direct access storage equipment.....	11	55,458	453,821	180,359	578,257
	Serial-access storage equipment (e.g. tape drives):					
3341121029	1/2 inch tape drives.....	10	610,981	1,744,498	509,048	2,182,738
3341121031	1/4 inch tape drives.....	5	(D)	(D)	(D)	(D)
3341121033	Helical scan tape drives.....	9	109,831	360,862	141,435	317,514
3341121035	Cassette tape drives.....	4	19,158	a/ 4,182	(D)	(D)
3341121037	Other serial access storage equipment.....	8	(D)	(D)	685,262	3,075,468

Table 2. Quantity and Value of Shipments of Computers and Office and Accounting Machines: 2000 and 1999
 [Quantity in number of units. Value in thousands of dollars]

Product code	Product description	No. of cos.	2000		1999	
			Quantity	Value	Quantity	Value
3341124001	Computer storage parts and subassemblies.....	18	(X)	1,424,160	(X)	2,253,453
3341131	Computer terminals.....	37	(X)	424,571	(X)	541,118
3341131001	Remote batch terminals.....	5	b/ 28,227	b/ 38,070	b/ 25,805	b/ 33,560
3341131003	Teleprinters.....	4	a/ 4,086	a/ 9,240	a/ 10,545	a/ 26,000
	Display terminals, including graphics type whether or not incorporating a printing mechanism:					
3341131005	X-terminals.....	7	b/ 170,673	a/ 116,741	259,926	175,517
	Other than X-terminals:					
3341131007	13-inch or less display 7/.....	5	(D)	(D)	43,608	34,738
3341131009	More than 13-inch but less than 19-inch display.....	18	326,201	a/ 222,608	399,672	a/ 262,089
3341131011	19-inch or more display 7/.....	6	(D)	(D)	2,168	9,214
3341134001	Computer terminal parts and subassemblies.....	7	(X)	(D)	(X)	(D)
3341191	Computer peripheral equipment, n.e.c.	220	(X)	12,706,297	(X)	12,889,407
	Keying equipment:					
3341191000	Digital cameras.....	1	(D)	(D)	(NA)	(NA)
3341191001	Keyboards 8/.....	25	(D)	(D)	10,701,694	735,103
3341191002	Memory cards and readers.....	1	(D)	(D)	(NA)	(NA)
3341191003	Other keying equipment 8/.....	4	(D)	(D)	(D)	(D)
3341191005	Mouse devices.....	9	128,009	5,144	(D)	(D)
3341191007	Digitizers and light pen tablets.....	6	134,536	87,982	(D)	(D)
3341191009	Other manual input devices (joysticks, trackballs, touchscreens, etc.).....	10	a/ 354,369	b/ 29,196	b/ 274,643	b/ 21,748
3341191011	Computer output to microfilm (COM) equipment.....	3	(D)	(D)	664	c/ 51,493
3341191013	Media copying and/or conversion equipment....	8	b/ 16,073	b/ 116,619	b/ 11,295	a/ 69,350
	Optical scanning devices:					
3341191015	Bar code devices.....	26	4,779,046	1,076,163	4,838,018	1,212,939
3341191017	OCR equipment.....	9	64,560	318,619	37,309	a/ 219,253
	Other than bar code or OCR devices:					
3341191019	Flat bed scanners.....	2	(D)	(D)	(D)	(D)
3341191020	Drum scanners.....	-	-	-	(NA)	(NA)
3341191021	Hand-held scanners.....	3	(D)	(D)	(D)	(D)
3341191022	Photo scanners.....	-	-	-	(NA)	(NA)
3341191023	Other.....	14	a/ 127,186	a/ 128,137	b/ 47,829	a/ 126,437
3341191025	Voice recognition equipment.....	6	a/ 67,785	a/ 43,322	a/ 64,793	a/ 39,748
3341191027	Magnetic strip and ink recognition equipment...	9	c/ 496,339	c/ 305,353	307,175	a/ 189,235
3341191029	Other document entry equipment.....	2	(D)	(D)	(D)	(D)
	Computer printers:					
	Impact printers:					
3341191031	Line type (typically with a Centronics interface with output measured in line per minute).....	14	926,433	297,944	233,350	366,802
3341191033	Serial type (typically with a serial and/or parallel interface with output measured in characters per second).....	18	146,801	86,572	140,848	104,150
	Nonimpact printers:					
3341191035	Laser.....	27	3,369,194	2,989,200	1,879,221	3,319,126
3341191037	Inkjet.....	12	a/ 7,690,724	741,193	11,434,662	1,035,758
3341191039	Other (thermal, ion deposition, etc.).....	22	235,974	463,300	277,199	391,487
3341191041	Peripheral sharing devices.....	8	102,274	a/ 20,288	140,548	a/ 33,043
3341191043	Font cartridges.....	3	(D)	(D)	11,904,372	97,911
3341191045	Plotters, including electrostatic.....	11	a/ 12,893	a/ 119,181	a/ 21,822	b/ 131,799
	Monitors, excluding terminals:					
3341191047	Flat panel displays.....	9	47,059	20,120	87,310	17,707
	Other than flat panel displays:					
3341191049	Less than 19-inch display 9/.....	17	1,596,563	482,876	(D)	(D)
3341191051	19-inch or more display 9/.....	13	1,010,825	416,489	(D)	(D)
3341191053	Monitor screen projection devices (e.g. LCD panels).....	8	(D)	(D)	(D)	(D)
3341191055	All other input/putput devices.....	43	(X)	a/ 2,721,504	(X)	a/ 2,532,818
3341191057	Accessories for computer peripherals (e.g. device supports, ergonomic aids, etc.).....	27	(X)	563,939	(X)	604,628
3341194001	Parts and subassemblies for computer peripherals and input/output equipment.....	54	(X)	2,636,924	(X)	2,387,531

Continued

Table 2. Quantity and Value of Shipments of Computers and Office and Accounting Machines: 2000 and 1999
 [Quantity in number of units. Value in thousands of dollars]

Product code	Product description	No. of cos.	2000		1999	
			Quantity	Value	Quantity	Value
3341197	Calculating and accounting machines.....	33	(X)	799,667	(X)	1,195,629
3341197003	Funds transfer devices 10/.....	4	(D)	(D)	(D)	(D)
3341197007	Point-of-sale terminals 10/.....	18	(D)	(D)	(D)	(D)
3333134015	Machines for sorting, wrapping, counting, changing or dispensing coins and/or currency.....	8	657,585	a/ 186,716	615,440	b/ 274,134
3333134025	Other coin or currency handling machines, including cash registers, calculators, accounting, bookkeeping, and billing machines, and credit card imprinters.....	9	(X)	a/ 44,459	(X)	a/ 50,662
3333136000	Parts for calculating, coin or currency handling and accounting machines	10	(X)	105,705	(D)	(D)
3333137000	Duplicating machines.....	3	(D)	(D)	(D)	(D)
333313A	Mailing, letter handling, and addressing machines.....	26	(X)	1,360,696	(X)	1,158,125
333313A001	Forms handling equipment, including bursters, decollators, and imprinters.....	9	460,126	a/ 37,655	546,095	a/ 39,389
333313A005	Letter and envelope handling machines.....	11	55,207	291,180	32,209	305,794
333313A007	Other mailing, letter handling and addressing machines.....	15	334,372	1,031,861	572,535	812,942
333313D	All other office machines, n.e.c.	34	(X)	602,245	(X)	826,118
333313D001	Check handling machines.....	6	(D)	(D)	(D)	(D)
333313D003	Electric stapling machines, office type.....	4	580,891	9,665	418,821	14,110
3345183131	Time recording and time stamp machines.....	12	407,060	247,831	375,843	277,789
333313D005	Paper cutting machines and apparatus office type.....	3	861,204	17,569	515,690	16,101
333313D006	Pencil sharpeners.....	1	(D)	(D)	(NA)	(NA)
333313D007	Paper shredders.....	2	(D)	(D)	(NA)	(NA)
333313D008	Perforating or stapling machines, nonelectric....	5	(D)	(D)	(D)	(D)
333313D009	All other office machines, n.e.c., including pencil sharpeners, typewriters, dictating machines, binding machines, ticket counting machines, and voting machines.....	10	(X)	190,073	(X)	354,469
333313J000	Parts for office machines, n.e.c.	30	(X)	b/ 225,914	(X)	463,190
334613	Magnetic and optical recording media.....	53	(X)	3,411,746	(X)	3,906,758
	Rigid disks:					
3346130111	Less than 3-1/2 inches 11/.....	2	(D)	(D)	(D)	(D)
3346130211	3-1/2 inches up to, but not including 5-1/4 inches.....	8	16,129,079	a/ 737,645	27,401,153	a/ 903,081
3346130213	5-1/4 inches and greater 11/.....	3	(D)	(D)	(D)	(D)
	Flexible disks:					
3346130611	3-1/2 inches up to, but not including 5-1/4 inches.....	9	1,067,321	351,909	1,281,684	417,002
3346130613	5-1/4 inches and greater.....	5	a/ 17,007	a/ 3,819	18,280	b/ 4,556
3346130615	Optical disks.....	14	888,984	586,156	1,057,416	548,139
3346130501	Bulk magnetic tape.....	8	1,475,853	242,684	830,255	211,091
	Packaged magnetic tape:					
3346130411	In reels for computer use.....	6	b/ 8,531	64,884	6,643	38,133
3346130413	In cassette and cartridge for computer use....	14	6,190,262	826,419	6,241,160	839,024
3346130415	In forms suitable for audio use.....	10	383,628	154,485	463,013	a/ 220,713
3346130417	In video cassette, 8-mm and 1/2-inch.....	14	a/ 271,424	304,024	431,667	a/ 519,889
3346130419	In video cassette, 3/4 (19-mm) and 2-inch (51-mm).....	2	(D)	(D)	(D)	(D)
3346130421	Other package magnetic tape.....	2	(D)	(D)	(D)	(D)
3346130617	Other magnetic recording media, including parts.....	8	(X)	25,760	(X)	b/ 39,106
	Nonmanufacturing revenue of manufacturing establishments:					
4216900000	Supplies and accessories for use with computers or business machines (resales).....	40	(X)	1,626,827	(X)	1,475,406
9999980000	Research and development, testing and evaluation of systems and components.....	10	(X)	130,491	(X)	138,893

Continued

Table 2. Quantity and Value of Shipments of Computers and Office and Accounting Machines: 2000 and 1999
 [Quantity in number of units. Value in thousands of dollars]

Product code	Product description	No. of cos.	2000		1999	
			Quantity	Value	Quantity	Value
	Software sold with computer systems shipped by manufacturers:					
3346110001	Operating system software.....	12	(X)	7,172	(X)	9,550
3346110002	Utilities and device managers.....	10	(X)	3,036	(X)	1,115
3346110003	Application software.....	34	(X)	384,132	(X)	456,327
3346110004	Other software	8	(X)	57,114	(X)	49,873
5415120000	Systems integration revenues, including configuration, installation and site preparation, and custom programming.....	18	(X)	114,004	(X)	103,224
5415190000	Other nonmanufacturing revenues associated with computer systems.....	60	(X)	1,199,550	(X)	1,276,744

- Represents zero. 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 codes 3341111003 and 3341111005 have a combined total of 1,847,507 for quantity and 15,006,529 for shipments for 2000.

2/Product codes 3341117011 and 3341117013 have a combined total of 3,302,412 for quantity and 7,789,377 for shipments for 1999.

3/Product codes 3341117015 and 3341117017 have a combined total of 1,035,206 for quantity and 807,300 for shipments for 2000, and 1,003,551 for quantity and 848,561 for shipments for 1999.

4/These data are collected on two Current Industrial Report forms: MA334R, "Computer and Office Accounting Machines," and MA334Q, "Semiconductors, Printed Circuit Boards, and Other Electronic Components."

5/Product codes 3341121001 and 3341121007 have a combined total of 65,885 for quantity and 10,972 for shipments for 2000, and 118,467 for quantity and 172,730 for shipments for 1999.

6/Product codes 3341121016 and 3341121020 have a combined total of 1,382,302 for quantity and 114,239 for shipments for 2000.

7/Product codes 3341121007 and 3341121011 have a combined total of 39,709 for quantity and 37,912 for shipments for 2000.

8/Product codes 3341191001 and 3341191003 have a combined total of 7,583,407 for quantity and 874,796 for shipments for 2000.

9/Product codes 3341191049 and 3341191051 have a combined total of 3,041,014 for quantity and 984,209 for shipments for 1999.

10/Product codes 3341197003 and 3341197007 have a combined total of 118,144 for quantity and 568,492 for shipments for 2000, and 206,338 for quantity and 870,833 for shipments for 1999.

11/Product codes 3346130111 and 3346130213 have a combined total of 87,739 for quantity and 33,265 for shipments for 2000, and 141,677 for quantity and 66,601 for shipments for 1999.

Note: Percent of estimation of each item is indicated as follows: a/10 to 25 percent of this item has been estimated. b/26 to 50 percent of this item is estimated. c/Over 50 percent of this item has been estimated.

Table 3. Shipments, Exports, Imports, and Apparent Consumption of Computing and Accounting Machines: 2000
 [Quantity in thousands of units. Value in millions of dollars]

Product code	Product description	Manufacturers' shipments (f.o.b. plant)		Exports of domestic merchandise 1/ 2/		Imports for consumption 1/ 3/	
		Quantity	Value	Quantity	Value	Quantity	Value
3341111001, 003, 005, 006, 3341117007, 009, 011, 013, 015, 017, 019, 334111D021	Computers, digital, analog, hybrid, and other.....	27,704.0	62,072.1	4,468.9	9,576.4	20,243.2	13,727.1
3341121011	Flexible magnetic disk drives.....	(D)	(D)	693.1	70.8	39,440.6	734.3
3341121001, 005, 007, 009	Rigid magnetic disk drives, including disk subsystems and disk arrays.....	805.9	1,765.9	3,980.9	1,236.4	82,331.3	10,806.6
3341121013, 015, 016, 018, 020, 021, 024, 027, 029, 031, 033, 035, 037, 3341124001	Computer storage devices and equipment, n.e.c.	(X)	(D)	1,721.5	1,642.9	68,240.5	5,005.0
3341191035	Laser computer printers.....	3,369.2	2,989.2	708.0	461.1	3,956.4	3,432.3
3341191037	Inkjet computer printers.....	7,690.7	741.2	885.4	183.2	29,483.4	3,430.0
3341191031, 033, 039	Computer printers, n.e.c.....	1,309.2	847.8	701.5	449.8	2,909.7	798.5
3341191045	Plotters.....	12.9	119.2	(X)	9.6	108.7	8.7
3341191001	Computer keyboards.....	(D)	(D)	1,210.3	102.0	52,943.5	549.9
3341131001, 003, 005, 007, 009, 011	Computer terminals.....	(X)	424.6	87.3	140.8	1,497.8	1,306.3
3341191049, 051	Monitors, CRT-type.....	2,607.4	899.4	799.5	321.8	35,659.4	6,713.5
3341191047, 053	Monitors, n.e.c.	(D)	(D)	292.5	269.5	13,062.5	4,750.3
3341191015, 017, 019, 020, 021, 023, 025, 027	Optical scanning devices and magnetic strip and ink recognition equipment.....	5,555.1	1,960.5	674.3	401.1	10,906.1	912.7
3341191005, 009	Control devices.....	482.4	34.3	7,571.2	6,678.4	63,605.8	5,405.0
3341191007	Digitizers and light pens.....	134.5	88.0	162.0	42.5	297.7	18.4
3341191002, 003, 011, 013, 025, 029, 041, 043, 055	Computer equipment, n.e.c.	(X)	3,042.4	2,907.4	973.2	82,697.4	845.7
3333137000	Duplicating machines.....	(D)	(D)	33.0	17.5	41.3	52.5
3341197007	Point-of-sales terminals.....	(D)	(D)	57.6	78.2	1,114.6	260.7

Table 3. Shipments, Exports, Imports, and Apparent Consumption of Computing and Accounting Machines: 2000
 [Quantity in thousands of units. Value in millions of dollars]

Product code	Product description	Manufacturers' shipments (f.o.b. plant)		Exports of domestic merchandise 1/ 2/		Imports for consumption 1/ 3/	
		Quantity	Value	Quantity	Value	Quantity	Value
3341191057, 4001, 334418A001, 003, 005, 007, 009, 011, 013	Parts, subassemblies, and accessories for computers and computer peripheral equipment.....	(X)	39,193.2	(X)	19,979.7	(X)	32,702.0
3341197003, 3333134015, 025	Coin or currency handling machines, n.e.c., including cash registers, accounting, bookkeeping, and billing.....	(X)	(D)	1,898.7	402.3	125,675.7	1,073.7
333313A001, 005, 007	Mailing, letter handling, and addressing machines.....	844.6	1,360.7	84.6	117.9	277	128.2
3345183131	Time recording and time stamping machines.....	407.1	247.8	102.1	15.0	248.9	8.8
333313D006	Pencil sharpeners.....	(D)	(D)	1,653.9	137.6	3,504.4	13.6
333313D001, 003, 005, 007, 008, 009	Office machines, n.e.c.	(X)	300.9	91.2	12.8	68,804.9	617.8
3333136000	Parts for calculating, coin, or currency handling, and accounting machines.....	(X)	105.7	(X)	266.0	(X)	285.0
333313J000	Parts for office machines, n.e.c.	(X)	225.9	(X)	337.1	(X)	136.9
3346130111, 211, 213, 611, 613, 615	Rigid, flexible, and optical disks.....	18,190.1	1,712.8	174,749.0	889.9	1,008,961.6	239.1
3346130411, 413, 415, 417, 419, 421, 501	Bulk and packaged magnetic tape.....	8,418.9	1,673.2	52,424	429.3	795,005.7	1,434.6
3346130617	Other magnetic recording media, including parts.....	(X)	25.8	156	239.7	636.6	1,250.5
3341191000	Digital cameras.....	(D)	(D)	16.1	28.9	10,684.0	2,217.7

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

1/For comparison of North American Industry Classification System-based product 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.

Table 4. Comparison of North American Industry Classification System-Based Product Codes with Schedule B Export Numbers, and HTSUSA Import Numbers: 2000

Product code	Product description	Export number 1/	Import number 2/
3341111001, 003, 005, 006, 3341117007, 009, 011, 013, 015, 017, 019, 334111D021	Computers, digital, analog, hybrid, and other.....	8471.10.0000 8471.30.0000 8471.41.0035 8471.41.0065 8471.41.0095 8471.49.1035 8471.49.1065 8471.49.1095 8471.50.0035 8471.50.0065 8471.50.0085	8471.10.0000 8471.30.0000 8471.41.0035 8471.41.0065 8471.41.0095 8471.49.1035 8471.49.1065 8471.49.1095 8471.50.0035 8471.50.0065 8471.50.0085
3341121011	Flexible magnetic disk drives.....	8471.49.5020 8471.70.4035 8471.70.5035	8471.49.5020 8471.70.4035 8471.70.5035
3341121001, 005, 007, 009	Rigid magnetic disk drives, including disk subsystems and disk arrays.....	8471.49.5010 8471.49.5040 8471.70.1000 8471.70.2000 8471.70.3000 8471.70.4065 8471.70.5065	8471.49.5010 8471.49.5040 8471.70.1000 8471.70.2000 8471.70.3000 8471.70.4065 8471.70.5065
3341121013, 015, 016, 018, 020, 021, 024, 027, 029, 031, 033, 035, 3341124001	Computer storage devices and equipment, n.e.c.	8471.49.5060 8471.49.5080 8471.70.4095 8471.70.5095 8471.70.6000 8471.70.9000	8471.49.5060 8471.49.5080 8471.70.4095 8471.70.5095 8471.70.6000 8471.70.9000
3341191035	Laser computer printers.....	8471.49.3100 8471.49.3200 8471.60.5100 8471.60.5200 8471.60.6100 8471.60.6200	8471.49.3100 8471.49.3200 8471.60.5100 8471.60.5200 8471.60.6100 8471.60.6200
3341191037	Inkjet computer printers.....	8471.49.3400 8471.60.5400 8471.60.6400	8471.49.3400 8471.60.5400 8471.60.6400

Continued

Table 4. Comparison of North American Industry Classification System-Based Product Codes with Schedule B Export Numbers, and HTSUSA Import Numbers: 2000

Product code	Product description	Export number 1/	Import number 2/
3341191031, 033, 039	Computer printers, n.e.c.	8471.49.3300	8471.49.3300
		8471.49.3500	8471.49.3500
		8471.49.3600	8471.49.3600
		8471.49.3730	8471.49.3730
		8471.49.3760	8471.49.3760
		8471.49.3790	8471.49.3790
		8471.60.5300	8471.60.5300
		8471.60.5500	8471.60.5500
		8471.60.5600	8471.60.5600
		8471.60.5730	8471.60.5730
		8471.60.5760	8471.60.5760
		8471.60.5790	8471.60.5790
		8471.60.6300	8471.60.6300
		8471.60.6500	8471.60.6500
		8471.60.6600	8471.60.6600
		8471.60.6730	8471.60.6730
8471.60.6760	8471.60.6760		
8471.60.6790	8471.60.6790		
3341191045	Plotters.....	9017.10.0000	9017.10.4000 9017.20.7000
3341191001	Computer keyboards.....	8471.49.2100	8471.49.2100
		8471.60.2000	8471.60.2000
3341131001, 003, 005, 007, 009, 011	Computer terminals.....	8471.60.3000	8471.60.3000
3341191049, 051	Monitors, CRT-type.....	8471.49.2600	8471.49.2600
		8471.60.1035	8471.60.1035
		8471.60.1065	8471.60.1065
		8471.60.3500	8471.60.3500
3341191047, 053	Monitors, n.e.c.	8471.60.4540	8471.60.4540
		8471.49.2400	8471.49.2400
		8471.49.2900	8471.49.2900
		8471.60.1095	8471.60.1095
		8471.60.4580	8471.60.4580
			9013.80.7000 9013.80.9000
3341191015, 017, 019, 020, 021, 023, 025, 027	Optical scanning devices and magnetic strip and ink recognition equipment.....	8471.49.4200	8471.49.4200
		8471.60.8000	8471.60.8000
3341191005, 009	Control devices.....	8471.49.6000	8471.49.6000
		8471.80.1000	8471.80.1000

Continued

Table 4. Comparison of North American Industry Classification System-Based Product Codes with Schedule B Export Numbers, and HTSUSA Import Numbers: 2000

Product code	Product description	Export number 1/	Import number 2/
3341191007	Digitizers and light pens.....	9017.20.8040	9017.20.8040
3341191003, 011, 013, 029, 041, 043, 045 055	Computer equipment, n.e.c.	8471.49.1500 8471.49.4850 8471.49.4875 8471.49.4895 8471.49.9000 8471.60.9030 8471.60.9070 8471.60.9090 8471.80.9000	8471.49.1500 8471.49.4850 8471.49.4875 8471.49.4895 8471.49.9500 8471.60.9030 8471.60.9070 8471.60.9090 8471.80.9000
3333137000	Duplicating machines.....	8472.10.0000	8472.10.0000
3341197007	Point-of-sale terminals.....	8470.50.0020	8470.50.0020
3341191057 3341194001, 334418A001, 003, 005, 007, 009, 011, 013	Parts, subassemblies, and accessories for computers and computer peripheral peripheral equipment	8471.60.7040 8471.60.7080 8471.80.4000 8473.30.0000 8473.50.0000	8471.49.8500 8471.60.7040 8471.60.7080 8471.80.4000 8471.80.4000 8473.30.1000 8473.30.2000 8473.30.3000 8473.30.5000 8473.30.6000 8473.30.9000 8473.50.3000 8473.50.6000 8473.50.9000
3341197003, 3333134015, 025	Coin or currency handling machines, n.e.c., including cash registers, accounting, bookkeeping, and billing machines, and credit card imprinters.....	8470.10.0000 8470.21.0000 8470.29.0000 8470.30.0000 8470.40.0000 8470.50.0060 8472.90.1000	8470.10.0040 8470.10.0060 8470.21.0000 8470.29.0000 8470.30.0000 8470.40.0000 8470.50.0060 8472,90.1000 8472.90.9520

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Table 4. Comparison of North American Industry Classification System-Based Product Codes with Schedule B Export Numbers, and HTSUSA Import Numbers: 2000

Product code	Product description	Export number 1/	Import number 2/
333313A001, 005, 007	Mailing, letter handling, and addressing machines.....	8470.90.0010	8470.90.0010
		8472.20.0000	8472.20.0000
		8472.30.0000	8472.30.0000
3345183131	Time recording and time stamping machines.....	9106.10.0000	9106.10.0000
333313D006	Pencil sharpeners.....	8472.90.9050	8472.90.4000
333313D001, 003, 005, 007, 008, 009	Office machines, n.e.c.	8469.20.0020	8469.20.0020
		8469.20.0040	8469.20.0040
		8469.30.0020	8469.30.0020
		8469.30.0040	8469.30.0040
			8472.90.6000
	8472.90.7000		
	8472.90.9550		
3333136000	Parts for calculating, coin, or currency handling, and accounting machines.....	8473.21.0000	8473.21.0000
		8473.29.0000	8473.29.0000
333313J000	Parts for office machines, n.e.c.	8473.10.0095	8473.10.9000
		8473.40.0000	8473.40.1000
			8473.40.6000
			8473.40.9500
3346130111, 211, 213, 611, 613, 615	Rigid, flexible, and optical disks.....	8523.20.0000	8523.20.0000
3346130411, 413, 415, 417, 419, 421, 501	Bulk and packaged magnetic tape.....	8523.11.0000	8523.11.0000
		8523.12.0010	8523.12.0010
		8523.12.0020	8523.12.0020
		8523.12.0040	8523.12.0040
		8523.12.0060	8523.12.0060
		8523.13.0020	8523.13.0020
		8523.13.0040	8523.13.0040
		8523.13.0060	8523.13.0060
	8523.13.0080		

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Table 4. Comparison of North American Industry Classification System-Based Product Codes with Schedule B Export Numbers, and HTSUSA Import Numbers: 2000

Product code	Product description	Export number 1/	Import number 2/
3346130617	Other magnetic recording media, including parts.....	8522.10.0000	8522.10.0000
		8522.90.0010	8522.90.7540
		8522.90.0090	8522.90.7580
		8523.90.0000	8523.90.0000
3341191000	Digital cameras.....	8525.40.4000	8525.40.4000

n.e.c. Not elsewhere classified.

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).