

Table 1031. Semiconductors, Electronic Components, and Semiconductor Manufacturing Equipment—Value of Shipments: 2005 to 2009

[In millions of dollars (9,728 represents \$9,728,000,000)]

Product description	Product code	2005	2006	2007	2008	2009
		Semiconductor machinery	3332950	9,728	12,598	13,190
Transmitting, industrial, and special purpose electron tubes ¹	3344111	652	690	734	806	773
Receiving type electron tubes ²	3344114	621	216	(D)	(D)	(D)
Electron tubes and parts	3344117	72	49	36	31	30
Bare printed circuit boards	3344120	4,856	4,933	4,443	5,269	4,180
Integrated microcircuits ³	3344131	61,631	54,963	49,781	51,104	40,029
Transistors	3344134	603	679	599	409	358
Diodes and rectifiers	3344137	372	467	457	458	331
Other semiconductor devices ⁴	334413A	8,330	10,483	10,176	11,363	11,983
Capacitors for electronic circuitry	3344140	1,113	1,064	945	937	745
Resistors for electronic circuitry	3344150	653	660	645	622	489
Electronic coils, transformers, and other inductors	3344160	1,216	1,231	1,393	1,380	1,058
Connectors for electronic circuitry	3344170	3,589	3,980	4,189	4,065	3,036
Printed circuit assemblies, loaded boards and modules ⁵	334418B	20,106	19,591	20,382	20,257	15,001
Crystals, filters, piezoelectric, and other related electronic devices ⁶	3344191	779	754	689	656	552
All other miscellaneous transducers ⁷	3344194	1,401	1,323	1,466	1,352	1,035
Switches, mechanical types for electronic circuitry	3344197	794	645	662	581	415
Microwave components and devices ⁸	334419A	1,306	1,470	1,541	1,286	1,170
All other miscellaneous electronic components	334419E	4,040	4,346	4,831	4,772	3,889

D Figure withheld to avoid disclosure. NA Not available. ¹ Except X-ray. ² Including cathode ray (new and rebuilt). ³ Includes semiconductor networks, microprocessors, and MOS memories. ⁴ Includes semiconductor parts such as chips, wafers, and heat sinks. ⁵ Printed circuit boards with inserted electronic components. ⁶ Except microwave filters. ⁷ Includes electrical-electronic input/output transducers. ⁸ Except antennae, tubes, and semiconductors

Source: U.S. Census Bureau, Current Industrial Reports, "Semiconductors, Electronic Components, and Semiconductor Manufacturing Equipment," Series MA334Q, September 2010, <http://www.census.gov/manufacturing/cir/historical_data/ma334q/index.html>.

Table 1032. Computers and Peripheral Equipment—Value of Shipments: 2004 to 2009

[In millions of dollars (37,895 represents \$37,895,000,000)]

Product description	Product code	2004	2005	2006	2007	2008	2009
		Electronic computers	334111	37,895	38,386	37,657	36,859
Host computers, multiusers	3341111	10,993	11,759	(D)	(D)	(D)	(D)
Single user computers, microprocessor-based, capable of supporting attached peripherals	3341117	26,309	25,906	(D)	(D)	(D)	(D)
Personal computers	3341117107	15,690	(D)	(D)	(D)	(D)	(D)
Workstations	3341117109	1,848	(D)	(D)	2,442	(D)	(D)
Mobile computers, including notebooks, subnotebooks, laptop, and tablet PCs	3341117127	8,456	(D)	(D)	(D)	(D)	(D)
Smart handheld devices	3341117129	(D)	(D)	(D)	(D)	(D)	(D)
All other single user computers	3341117130	(D)	(D)	(D)	25	(D)	(D)
Other computers (array, analog, hybrid, and special-use computers)	334111D	593	721	(D)	299	(S)	183
Computer storage devices (except parts, attachments, and accessories)	3341121	5,034	6,100	6,956	7,872	6,367	6,617
Disk subsystem and disk arrays for multiuser computer systems	3341121109	1,362	2,008	(D)	2,531	(D)	(D)
Disk drives (all sizes)	3341121112	69	11	(D)	150	201	298
Storage Area Networks(SANs)	3341121123	(D)	10	(D)	2,892	(D)	2,683
Tape drives (all sizes)	3341121138	278	289	285	239	264	194
Other computer storage devices	3341121150	(D)	3,781	3,795	2,061	1,321	(D)
Parts, attachments, and accessories for computer storage devices	3341124	1,039	1,441	1,929	1,426	1,327	740
Computer terminals (except point-of-sale and funds-transfer devices, parts, attachments, and accessories)	3341131	274	245	268	331	245	128
Parts, attachments, and accessories for computer terminals (except point-of-sale and funds-transfer devices)	3341134	2	(D)	(D)	(D)	(D)	649
All other miscellaneous computer peripheral (input/output) equipment (except parts, attachments and accessories)	3341191	4,705	4,425	4,517	4,427	4,245	3,382
Parts, subassemblies, and accessories for computer peripheral equipment	3341194	2,257	2,743	2,720	3,171	2,600	5,050
Point-of-sale terminals and funds-transfer devices	3341197	513	497	621	1,034	958	440
Parts and attachments for point-of-sale terminals and funds-transfer devices	334119D	(D)	(D)	35	12	9	(S)
Magnetic and optical recording media	3346130	1,586	1,303	1,364	1,381	(S)	841,538

D Withheld to avoid disclosing data for individual companies. S Withheld because estimates did not meet publication standards.

Source: U.S. Census Bureau, Current Industrial Reports, Computers and Peripheral Equipment, Series MA334R (beginning with 2006, MQ334R), August 2010, <http://www.census.gov/manufacturing/cir/historical_data/mq334r/index.html>.