

NAICS Subsector 334—Computer and Electronic Product Manufacturing

Product code	Industry and product description	Unit of measure	Data collected	CIR survey ¹	Products primary ²
334111	ELECTRONIC COMPUTER MANUFACTURING				
33411111	HOST COMPUTERS, MULTIUSERS (MAINFRAMES, SUPER COMPUTERS, MEDIUM SCALE SYSTEMS, UNIX SERVERS, PC SERVERS)				
334111111	Host computers, multiusers (mainframes, super computers, medium scale systems, UNIX servers, PC servers)				
3341111100	Host computers, multiusers (mainframes, super computers, medium scale systems, UNIX servers, PC servers)		SV	MA334R	
3341111101	Host computers (multi-users), large-scale systems, including mainframes and super computers, general purpose or high-speed scientific	units	S	MA334R	
3341111103	Host computers (multi-users), medium-scale systems (super miniclass) and UNIX servers	units	S	MA334R	
3341111105	Host computers (multi-users), PC servers (excluding UNIX servers)	units	S	MA334R	
3341111106	Host computers (multi-users), other	units	S	MA334R	
3341111109	Host computers (multi-users), server appliances	units	S	MA334R	
3341117	SINGLE USER COMPUTERS, MICROPROCESSOR-BASED, CAPABLE OF SUPPORTING ATTACHED PERIPHERALS (PERSONAL COMPUTERS, WORKSTATIONS, PORTABLE COMPUTERS)				
33411171	Single user computers, microprocessor-based, capable of supporting attached peripherals (personal computers, workstations, portable computers)				
3341117100	Single user computers, microprocessor-based, capable of supporting attached peripherals (personal computers, workstations, portable computers)		SV	MA334R	
3341117107	Single-use computers (microprocessor-based machines capable of supporting attached peripherals), personal	units	S	MA334R	
3341117109	Single-use computers (microprocessor-based machines capable of supporting attached peripherals), workstations	units	S	MA334R	
3341117111	Single-use computers (microprocessor-based machines capable of supporting attached peripherals), laptops (AC/DC)	units	S	MA334R	
3341117112	Single-use computers (microprocessor-based machines capable of supporting attached peripherals), tablet	units	S	MA334R	
3341117113	Single-use computers (microprocessor-based machines capable of supporting attached peripherals), notebooks and subnotebooks (battery operated)	units	S	MA334R	
3341117115	Single-use computers (microprocessor-based machines capable of supporting attached peripherals), personal digital assistants (PDAs)	units	S	MA334R	
3341117117	Single-use computers (microprocessor-based machines capable of supporting attached peripherals), other portable types (palmtops, etc.)	units	S	MA334R	
3341117119	Single-use computers (microprocessor-based machines capable of supporting attached peripherals), other types	units	S	MA334R	
3341117125	Single-use computers (microprocessor-based machines capable of supporting attached peripherals), home internet appliance	units	S	MA334R	
334111D	OTHER COMPUTERS (ARRAY, ANALOG, HYBRID, AND SPECIAL-USE COMPUTERS)				
334111D1	Other computers (array, analog, hybrid, and special-use computers)				
334111D100	Other computers (array, analog, hybrid, and special-use computers)		SV	MA334R	
334111D121	Other computers (including array and other analog, hybrid, and special purpose)	units	S	MA334R	
334112	COMPUTER STORAGE DEVICE MANUFACTURING				
3341121	COMPUTER STORAGE DEVICES (EXCEPT PARTS, ATTACHMENTS, AND ACCESSORIES)				
33411211	Computer storage devices (except parts, attachments, and accessories)				
3341121100	Computer storage devices (except parts, attachments, and accessories) ..		SV	MA334R	
3341121102	Computer storage devices and equipment, rigid magnetic disk drives	units	S	MA334R	
3341121109	Computer storage devices and equipment, disk subsystems and disk arrays for multiuser computer systems	units	S	MA334R	
3341121111	Computer storage devices and equipment, flexible magnetic disk drives ..	units	S	MA334R	
3341121113	Computer storage devices and equipment, optical disk drives, CD-ROM, multiple disk (juke-box)	units	S	MA334R	
3341121115	Computer storage devices and equipment, optical disk drives, CD-ROM, single disk,	units	S	MA334R	
3341121116	Computer storage devices and equipment, optical disk drives, DVD (including DVD-video, DVD-ROM, DVD-R, and DVD-RAM)	units	S	MA334R	
3341121118	Computer storage devices and equipment, optical disk drives, magneto-optical (MO)	units	S	MA334R	
3341121120	Computer storage devices and equipment, optical disk drives, other optical	units	S	MA334R	
3341121121	Computer storage devices and equipment, optical subsystems for multiuser computer systems	units	S	MA334R	
3341121124	Computer storage devices and equipment, auxiliary storage (excluding disc- or tape-based) for multiuser computer systems	units	S	MA334R	
3341121127	Computer storage devices and equipment, other direct access storage equipment,	units	S	MA334R	
3341121129	Computer storage devices and equipment, serial access storage equipment, tape drives, 1/2 in.	units	S	MA334R	
3341121131	Computer storage devices and equipment, serial access storage equipment, tape drives, 1/4 in.	units	S	MA334R	
3341121133	Computer storage devices and equipment, serial access storage equipment, tape drives, helical scan	units	S	MA334R	
3341121135	Computer storage devices and equipment, serial access storage equipment, cassette tape drives	units	S	MA334R	
3341121137	Computer storage devices and equipment, other serial access storage equipment	units	S	MA334R	
3341124	PARTS, ATTACHMENTS, AND ACCESSORIES FOR COMPUTER STORAGE DEVICES				
33411241	Parts, attachments, and accessories for computer storage devices				
3341124100	Parts, attachments, and accessories for computer storage devices		SV	MA334R	
3341124101	Computer storage parts and subassemblies		SV	MA334R	

See footnotes at end of subsector.

NAICS Subsector 334—Computer and Electronic Product Manufacturing—Con.

Product code	Industry and product description	Unit of measure	Data collected	CIR survey ¹	Products primary ²
334113	COMPUTER TERMINAL MANUFACTURING				
3341131	COMPUTER TERMINALS (EXCEPT POINT-OF-SALE AND FUNDS-TRANSFER DEVICES, PARTS, ATTACHMENTS, AND ACCESSORIES)				
33411311	Computer terminals (except point-of-sale and funds-transfer devices, parts, attachments, and accessories)				
3341131100	Computer terminals (except point-of-sale and funds-transfer devices, parts, attachments, and accessories)		SV	MA334R	
3341131101	Computer terminals, remote batch	units	S	MA334R	
3341131103	Computer terminals, teleprinters	units	S	MA334R	
3341131105	Computer terminals, display (including graphic type), X-terminals	units	S	MA334R	
3341131107	Computer terminals, display (including graphic type), other (excluding X-terminals), 13 in. or less	units	S	MA334R	
3341131109	Computer terminals, display (including graphic type), other (excluding X-terminals), more than 13 in. but less than 19 in.	units	S	MA334R	
3341131111	Computer terminals, display (including graphic type), other (excluding X-terminals), 19 in. or more	units	S	MA334R	
3341134	PARTS, ATTACHMENTS, AND ACCESSORIES FOR COMPUTER TERMINALS (EXCEPT POINT-OF-SALE AND FUNDS-TRANSFER DEVICES)				
33411341	Parts, attachments, and accessories for computer terminals (except point-of-sale and funds-transfer devices)				
3341134100	Parts, attachments, and accessories for computer terminals (except point-of-sale and funds-transfer devices)		SV	MA334R	
3341134101	Computer terminal parts and subassemblies		SV	MA334R	
334119	OTHER COMPUTER PERIPHERAL EQUIPMENT MANUFACTURING				
3341191	ALL OTHER MISCELLANEOUS COMPUTER PERIPHERAL (INPUT/OUTPUT) EQUIPMENT (EXCEPT PARTS, ATTACHMENTS, AND ACCESSORIES)				
33411911	All other miscellaneous computer peripheral (input/output) equipment (except parts, attachments, and accessories)				
3341191100	All other miscellaneous computer peripheral (input/output) equipment (except parts, attachments, and accessories)		SV	MA334R	
3341191101	All other computer peripheral equipment, keyboards	units	S	MA334R	
3341191102	All other computer peripheral equipment, memory cards and readers	units	S	MA334R	
3341191103	All other computer peripheral equipment, other keying equipment	units	S	MA334R	
3341191105	All other computer peripheral equipment, mouse devices	units	S	MA334R	
3341191107	All other computer peripheral equipment, digitizers and light pen tablets	units	S	MA334R	
3341191109	All other computer peripheral equipment, other manual input devices (joysticks, trackballs, touchscreens, etc.)	units	S	MA334R	
3341191111	All other computer peripheral equipment, computer output to microfilm (COM) equipment	units	S	MA334R	
3341191113	All other computer peripheral equipment, media copying and/or conversion equipment	units	S	MA334R	
3341191115	All other computer peripheral equipment, optical scanning devices, bar code	units	S	MA334R	
3341191117	All other computer peripheral equipment, optical scanning devices, OCR equipment	units	S	MA334R	
3341191119	All other computer peripheral equipment, optical scanning devices, flat bed	units	S	MA334R	
3341191120	All other computer peripheral equipment, optical scanning devices, drum	units	S	MA334R	
3341191121	All other computer peripheral equipment, optical scanning devices, hand-held	units	S	MA334R	
3341191122	All other computer peripheral equipment, optical scanning devices, photo	units	S	MA334R	
3341191123	All other computer peripheral equipment, optical scanning devices, other	units	S	MA334R	
3341191125	All other computer peripheral equipment, voice recognition equipment	units	S	MA334R	
3341191127	All other computer peripheral equipment, magnetic strip and ink recognition equipment	units	S	MA334R	
3341191129	All other computer peripheral equipment, other document entry equipment	units	S	MA334R	
3341191131	All other computer peripheral equipment, printers, impact, line type (typically with a Centronics interface with output measured in lines per minute)	units	S	MA334R	
3341191133	All other computer peripheral equipment, printers, impact, serial type (typically with a serial and/or parallel interface with output measured in characters per second)	units	S	MA334R	
3341191135	All other computer peripheral equipment, printers, nonimpact, laser	units	S	MA334R	
3341191137	All other computer peripheral equipment, printers, nonimpact, inkjet	units	S	MA334R	
3341191139	All other computer peripheral equipment, printers, nonimpact, other (thermal, ion deposition, etc.)	units	S	MA334R	
3341191141	All other computer peripheral equipment, peripheral sharing devices	units	S	MA334R	
3341191143	All other computer peripheral equipment, font cartridges	units	S	MA334R	
3341191145	All other computer peripheral equipment, plotters (including electrostatic)	units	S	MA334R	
3341191147	All other computer peripheral equipment, monitors (excluding terminals), flat panel	units	S	MA334R	
3341191149	All other computer peripheral equipment, monitors (excluding terminals), other (excluding flat panel), less than 19 in. display	units	S	MA334R	
3341191151	All other computer peripheral equipment, monitors (excluding terminals), other (excluding flat panel), 19 in. or more display	units	S	MA334R	
3341191153	All other computer peripheral equipment, monitor screen projection devices (LCD panels, etc.)	units	S	MA334R	
3341191155	All other computer peripheral equipment, all other input/output devices		SV	MA334R	
3341191157	Accessories for computer peripherals (device supports, ergonomic aids, etc.)		SV	MA334R	
3341194	PARTS, SUBASSEMBLIES, AND ACCESSORIES FOR COMPUTER PERIPHERAL EQUIPMENT				
33411941	Parts, subassemblies, and accessories for computer peripheral equipment				
3341194100	Parts, subassemblies, and accessories for computer peripheral equipment		SV	MA334R	
3341194101	Parts and subassemblies for computer peripherals and input/output equipment		SV	MA334R	

See footnotes at end of subsector.

NAICS Subsector 334—Computer and Electronic Product Manufacturing—Con.

Product code	Industry and product description	Unit of measure	Data collected	CIR survey ¹	Products primary ²
334119	OTHER COMPUTER PERIPHERAL EQUIPMENT MANUFACTURING—Con.				
3341197	POINT OF SALE TERMINALS AND FUND-TRANSFER DEVICES.				
33411971	Point of sale terminals and fund-transfer devices.				
3341197100	Point of sale terminals and fund-transfer devices	units	SV	MA334R	
3341197103	Calculating and accounting machines, funds transfer devices	units	S	MA334R	
3341197107	Calculating and accounting machines, point-of-sale terminals	units	S	MA334R	
334119D	PARTS AND ATTACHMENTS FOR POINT OF SALE TERMINALS AND FUND-TRANSFER DEVICES				
334119D1	Parts and attachments for point of sale terminals and fund-transfer devices				
334119D100	Parts and attachments for point of sale terminals and fund-transfer devices		SV	MA334R	
334210	TELEPHONE APPARATUS MANUFACTURING				
3342101	TELEPHONE SWITCHING AND SWITCHBOARD EQUIPMENT				
33421011	Telephone switching and switchboard equipment				
3342101100	Telephone switching and switchboard equipment		SV	MA334P	
3342101105	Central office telephone switching equipment		SV	MA334P	
3342101112	Private branch exchange telephone switching equipment, up to 399 lines		SV	MA334P	
3342101115	Private branch exchange telephone switching equipment, 400 to 1,000 lines		SV	MA334P	
3342101117	Private branch exchange telephone switching equipment, over 1,000 lines		SV	MA334P	
3342101121	Cellular mobile telephone switching equipment		SV	MA334P	
3342101123	Packet switching equipment		SV	MA334P	
3342101125	Other telephone switching equipment		SV	MA334P	
3342101199	Parts, components, and subassemblies for telephone switching equipment		SV	MA334P	
3342104	TELEPHONE AND TELEGRAPH (WIRE) APPARATUS, CARRIER LINE EQUIPMENT (OFFICE AND LINE REPEATERS AND LINE TERMINATING CARRIER EQUIPMENT) AND NONCONSUMER MODEMS, INCLUDING AUXILIARY SETS				
33421041	Telephone and telegraph (wire) apparatus, carrier line equipment (office and line repeaters and line terminating carrier equipment) and nonconsumer modems, including auxiliary sets				
3342104100	Telephone and telegraph (wire) apparatus, carrier line equipment (office and line repeaters and line terminating carrier equipment) and nonconsumer modems, including auxiliary sets		SV	MA334P	
3342104102	Carrier line equipment, repeaters and line transceivers, analog and digital		SV	MA334P	
3342104112	Carrier line equipment, multiplex equipment (including channel banks), analog and digital		SV	MA334P	
3342104122	All other subscriber loop carrier terminal and line equipment, analog and digital		SV	MA334P	
3342104132	All other carrier line equipment, analog and digital		SV	MA334P	
3342104142	External modems for POTS, ISDN, DSL, and PSTN lines transmission (excluding FAX and/or modem boards for incorporation into computing equipment)		SV	MA334P	
3342107	OTHER TELEPHONE AND TELEGRAPH (WIRE) APPARATUS, INCLUDING TELEPHONE SETS, TELEPHONE ANSWERING, AND FAX MACHINES				
33421071	Other telephone and telegraph (wire) apparatus, including telephone sets, telephone answering, and fax machines				
3342107100	Other telephone and telegraph (wire) apparatus, including telephone sets, telephone answering, and fax machines		SV	MA334P	
3342107101	Telephone sets, single line and ISDN	units	S	MA334P	
3342107103	Telephone sets, key	units	S	MA334P	
3342107105	Telephone sets, public pay telephone equipment	units	S	MA334P	
3342107107	Telephone sets, cordless handsets	units	S	MA334P	
3342107109	Other telephone sets and accessories (headsets, etc.)	units	SV	MA334P	
3342107122	Data communications equipment (including routers, gateways, bridges, terminal servers, and concentrators)		SV	MA334P	
3342107151	Voice frequency equipment		SV	MA334P	
3342107162	Voice/call message processing equipment, including answering devices		SV	MA334P	
3342107191	Facsimile communication equipment (complete) (excluding FAX and/or modem boards for incorporation into computing equipment)		SV	MA334P	
3342107197	All other telephone and telegraph equipment, including telephone key systems and teleconferencing equipment		SV	MA334P	
3342107199	Parts, components, and subassemblies for other telephone and telegraph equipment		SV	MA334P	
334220	RADIO AND TELEVISION BROADCASTING AND WIRELESS COMMUNICATIONS EQUIPMENT MANUFACTURING				
3342201	COMMUNICATION SYSTEMS AND EQUIPMENT, INCLUDING MICROWAVE EQUIPMENT, AND SPACE SATELLITES (EXCEPT BROADCAST)				
33422011	Communication systems and equipment, including microwave equipment, and space satellites (except broadcast)				
3342201100	Communication systems and equipment, including microwave equipment, and space satellites (except broadcast)		SV	MA334P	
3342201101	Radio station communications systems and equipment, fixed		SV	MA334P	

See footnotes at end of subsector.

NAICS Subsector 334—Computer and Electronic Product Manufacturing—Con.

Product code	Industry and product description	Unit of measure	Data collected	CIR survey ¹	Products primary ²
334220	RADIO AND TELEVISION BROADCASTING AND WIRELESS COMMUNICATIONS EQUIPMENT MANUFACTURING—Con.				
3342202	BROADCAST, STUDIO, AND RELATED ELECTRONIC EQUIPMENT				
33422021	Broadcast, studio, and related electronic equipment				
3342202100	Broadcast, studio, and related electronic equipment		SV	MA334P	
3342202101	Broadcast, studio, and related electronic equipment, audio (excluding consumer and P.A. types), amplifiers and preamplifiers	units	S	MA334P	
3342202104	Broadcast, studio, and related electronic equipment, audio (excluding consumer and P.A. types), control consoles and switches	units	S	MA334P	
3342202109	Broadcast, studio, and related electronic equipment, audio (excluding consumer and P.A. types), other (power suppliers, terminal equipment, broadcast recorders, etc.)		SV	MA334P	
3342202113	Broadcast, studio, and related electronic equipment, video (excluding consumer and P.A. types), including amplifiers, television cameras, and tape recorders		SV	MA334P	
3342202121	Broadcast, studio, and related electronic equipment, AM and FM transmitters		SV	MA334P	
3342202124	Broadcast, studio, and related electronic equipment, TV transmitters		SV	MA334P	
3342202127	Broadcast, studio, and related electronic equipment, other transmitters, translators, RF power amplifiers, and related equipment		SV	MA334P	
3342202129	Studio transmission links (STL) and remote pickup equipment		SV	MA334P	
3342202132	Cable TV (master antennae and CATV equipment), headend equipment (antennae baluns, carrier generators, headend control units, single and broadband preamplifiers and strip amplifiers, etc.)		SV	MA334P	
3342202138	Cable TV (master antennae and CATV equipment), subscriber equipment (decoders, switches, wall outlet taps, distribution amplifiers, power suppliers, directional couplers, splitters, etc.)		SV	MA334P	
3342202141	Cable TV (master antennae and CATV equipment), broadcasting transmitting antennae and community antennae systems		SV	MA334P	
3342202144	Closed circuit television systems and equipment (excluding broadcast and consumer equipment)		SV	MA334P	
3342202147	Other broadcast, studio, theater, and commercial sound equipment (excluding studio lighting equipment and radiating and supporting towers) (sold separately)		SV	MA334P	
3342202149	Home antennae		SV	MA334P	
3342202153	Auto antennae	units	S	MA334P	
3342202199	Parts and accessories for broadcast, studio, and related electronic equipment (sold separately)		SV	MA334P	
334290	OTHER COMMUNICATIONS EQUIPMENT MANUFACTURING				
3342901	ALARM SYSTEMS, INCLUDING ELECTRIC SIRENS AND HORNS				
33429011	Alarm systems, including electric sirens and horns				
3342901100	Alarm systems, including electric sirens and horns		SV	MA334P	
3342901101	Alarm systems, intrusion detection, local		SV	MA334P	
3342902	VEHICULAR AND PEDESTRIAN TRAFFIC CONTROL EQUIPMENT, INCLUDING ELECTRIC RAILWAY SIGNALS AND ATTACHMENTS				
33429021	Vehicular and pedestrian traffic control equipment, including electric railway signals and attachments				
3342902100	Vehicular and pedestrian traffic control equipment, including electric railway signals and attachments		SV	MA334P	
3342902102	Vehicular and pedestrian traffic control equipment		SV	MA334P	
3342903	INTERCOMMUNICATIONS SYSTEMS, INCLUDING INDUCTIVE PAGING SYSTEMS (SELECTIVE PAGING), EXCEPT TELEPHONE AND TELEGRAPH				
33429031	Intercommunications systems, including inductive paging systems (selective paging), except telephone and telegraph				
3342903100	Intercommunications systems, including inductive paging systems (selective paging), except telephone and telegraph		SV	MA334P	
3342903101	Intercommunications systems, including inductive paging systems (selective calling), wired		SV	MA334P	
3342903103	Intercommunications systems, including inductive paging systems (selective calling), nonwired		SV	MA334P	
334310	AUDIO AND VIDEO EQUIPMENT MANUFACTURING				
3343101	HOME, PORTABLE, AND AUTOMOBILE RADIOS AND RADIO-PHONOGRAPH-TAPE RECORDER-COMPACT DISC COMBINATIONS				
33431011	Home, portable, and automobile radios and radio-phonograph-tape recorder-compact disc combinations				
3343101100	Home, portable, and automobile radios and radio-phonograph-tape recorder-compact disc combinations		SV	MA334M	
3343101101	Automotive audio equipment (except speakers), AM-FM radios with tape player combinations	units	S	MA334M	
3343101104	All other automotive audio equipment (except speakers), including equalizers and amplifiers	units	S	MA334M	
3343102	TELEVISION RECEIVERS, INCLUDING COMBINATION MODELS				
33431021	Television receivers, including combination models				
3343102100	Television receivers, including combination models		SV	MA334M	
3343102101	Household television receivers (including combinations), projection television	units	S	MA334M	
3343102104	Household television receivers (including combinations), other CRT-based color televisions, 50 cm (19.7 in.) and under	units	S	MA334M	
3343102107	Household television receivers (including combinations), other CRT-based color televisions, over 50 cm (19.7 in.)	units	S	MA334M	
3343102111	Household television receivers (including combinations), other	units	S	MA334M	

See footnotes at end of subsector.

NAICS Subsector 334—Computer and Electronic Product Manufacturing—Con.

Product code	Industry and product description	Unit of measure	Data collected	CIR survey ¹	Products primary ²
334310	AUDIO AND VIDEO EQUIPMENT MANUFACTURING—Con.				
3343104	SPEAKERS, INCLUDING LOUDSPEAKER SYSTEMS AND LOUDSPEAKERS SOLD SEPARATELY, AND COMMERCIAL SOUND EQUIPMENT				
33431041	Speakers, including loudspeaker systems and loudspeakers sold separately, and commercial sound equipment				
3343104100	Speakers, including loudspeaker systems and loudspeakers sold separately, and commercial sound equipment		SV	MA334M	
3343104101	Single loudspeakers mounted in an enclosure	units	S	MA334M	
3343104104	Multiple loudspeakers mounted in an enclosure	units	S	MA334M	
3343104107	Other loudspeakers (including unmounted speakers sold separately)	units	S	MA334M	
3343104111	Microphones	units	S	MA334M	
3343104114	Home-type electronic kits designed for consumer assembly	units	S	MA334M	
3343104117	Public address systems, including musical instrument amplifiers	units	S	MA334M	
3343105	OTHER CONSUMER AUDIO AND VIDEO EQUIPMENT, INCLUDING AUDIO AND VIDEO RECORDERS AND PLAYERS (CAMCORDERS)				
33431051	Other consumer audio and video equipment, including audio and video recorders and players (camcorders)				
3343105100	Other consumer audio and video equipment, including audio and video recorders and players (camcorders)		SV	MA334M	
334411	ELECTRON TUBE MANUFACTURING				
3344111	TRANSMITTAL, INDUSTRIAL, AND SPECIAL-PURPOSE ELECTRON TUBES (EXCEPT X-RAY)				
33441111	Transmittal, industrial, and special-purpose electron tubes (except X-ray)				
3344111100	Transmittal, industrial, and special-purpose electron tubes (except X-ray) . . .		SV	MA334Q	
3344111105	Power and special purpose tubes, high vacuum (triodes, multi-grid external and internal anodes, iodes, etc.)	1,000 units	S	MA334Q	
3344111110	Power and special purpose tubes, gas and vapor (thyratrons, ignitrons, gas duplexers, spark gaps, etc.)	1,000 units	S	MA334Q	
3344111115	Power and special purpose tubes, klystrons (amplifier, reflex, etc.)	1,000 units	S	MA334Q	
3344111120	Power and special purpose tubes, magnetrons (pulsed, fixed, tunable, cross-field, continuous wave, etc.)	1,000 units	S	MA334Q	
3344114	RECEIVING-TYPE ELECTRON TUBES, INCLUDING CATHODE RAY (NEW AND REBUILT)				
33441141	Receiving-type electron tubes, including cathode ray (new and rebuilt)				
3344114100	Receiving-type electron tubes, including cathode ray (new and rebuilt)		SV	MA334Q	
3344114105	Receiving type electron tubes, all types (including rebuilt)	1,000 units	S	MA334Q	
3344114110	Cathode ray picture tubes, television tubes (including rebuilt), color, video display diagonal of 50 cm (20 in.) and under	1,000 units	S	MA334Q	
3344114115	Cathode ray picture tubes, television tubes (including rebuilt), color, video display diagonal over 50 cm (20 in.) but not exceeding 63 cm (25 in.)	1,000 units	S	MA334Q	
3344114120	Cathode ray picture tubes, television tubes (including rebuilt), color, video display diagonal exceeding 63 cm (25 in.)	1,000 units	S	MA334Q	
3344114125	Cathode ray picture tubes, television tubes (including rebuilt), other (including rebuilt color and new and rebuilt black and white)	1,000 units	S	MA334Q	
3344117	ELECTRON TUBE PARTS				
33441171	Electron tube parts				
3344117100	Electron tube parts		SV	MA334Q	
3344117130	Electron tube parts, except glass blanks (bases, getters, cathodes, headers, guns, etc.)		SV	MA334Q	
334412	BARE PRINTED CIRCUIT BOARD MANUFACTURING				
3344120	BARE PRINTED CIRCUIT BOARDS				
33441201	Bare printed circuit (wiring) boards				
3344120100	Bare printed circuit (wiring) boards		SV	MA334Q	
3344120105	Printed circuit (wiring) boards, single-sided glass		SV	MA334Q	
334413	SEMICONDUCTOR AND RELATED DEVICE MANUFACTURING				
3344131	INTEGRATED MICROCIRCUITS, INCLUDING SEMICONDUCTOR NETWORKS, MICROPROCESSORS, AND MOS MEMORIES				
3344131018	Hybrid integrated circuits, radio frequency	1,000 units	S	MA334Q	
33441311	Integrated microcircuits, including semiconductor networks, microprocessors, and MOS memories				
3344131100	Integrated microcircuits, including semiconductor networks, microprocessors, and MOS memories		SV	MA334Q	
3344131103	Metal oxide semiconductor (MOS) field effect transistors, nondigital silicon monolithic integrated circuits, other, analog	1,000 units	S	MA334Q	
3344131106	Metal oxide semiconductor (MOS) field effect transistors, nondigital silicon monolithic integrated circuits, other, including mixed signal (analog/digital) logic	1,000 units	S	MA334Q	
3344131109	Metal oxide semiconductor (MOS) field effect transistors, nondigital silicon monolithic integrated circuits, other, including mixed signal (analog/digital) other	1,000 units	S	MA334Q	
3344131112	Other integrated microcircuit packages	1,000 units	S	MA334Q	
3344131115	Monolithic integrated circuits, digital, silicon, bipolar transistors, static read-write random access memory (SRAM)	1,000 units	S	MA334Q	
3344131121	Monolithic integrated circuits, digital, silicon, bipolar transistors, other memory	1,000 units	S	MA334Q	
3344131124	Monolithic integrated circuits, digital, silicon, other bipolar transistors, transistor-transistor logic (TTL)	1,000 units	S	MA334Q	
3344131132	Monolithic integrated circuits, digital, silicon, other bipolar transistors, other logic (including ECL)	1,000 units	S	MA334Q	

See footnotes at end of subsector.

NAICS Subsector 334—Computer and Electronic Product Manufacturing—Con.

Product code	Industry and product description	Unit of measure	Data collected	CIR survey ¹	Products primary ²
334413	SEMICONDUCTOR AND RELATED DEVICE MANUFACTURING—Con.				
3344131	INTEGRATED MICROCIRCUITS, INCLUDING SEMICONDUCTOR NETWORKS, MICROPROCESSORS, AND MOS MEMORIES—Con.				
33441311	Integrated microcircuits, including semiconductor networks, microprocessors, and MOS memories—Con.				
3344131133	Metal oxide semiconductor (MOS) field effect transistors, other memory (microcontrollers, ASICs, PLAS, etc.)	1,000 units	S	MA334Q	
3344131136	Monolithic integrated circuits, digital, nonsilicon, memory	1,000 units	S	MA334Q	
3344131139	Metal oxide semiconductor (MOS) field effect transistors, other digital, silicon, complementary B1MOS (BiCMOS) memory	1,000 units	S	MA334Q	
3344131142	Metal oxide semiconductor (MOS) field effect transistors, other digital, silicon, other complementary B1MOS (BiCMOS) memory, including logic	1,000 units	S	MA334Q	
3344131145	Metal oxide semiconductor (MOS) field effect transistors, other digital, silicon, other ICS	1,000 units	S	MA334Q	
3344131148	Monolithic integrated circuits, digital, nonsilicon, logic and other	1,000 units	S	MA334Q	
3344131151	Hybrid integrated circuits, other	1,000 units	S	MA334Q	
3344131154	Metal oxide semiconductor (MOS) field effect transistors, microprocessors having an internal data bus of 8 bits or less	1,000 units	S	MA334Q	
3344131157	Metal oxide semiconductor (MOS) field effect transistors, microprocessors having an internal data bus of 16 bits	1,000 units	S	MA334Q	
3344131160	Metal oxide semiconductor (MOS) field effect transistors, microprocessors having an internal data bus of 32 bits or more	1,000 units	S	MA334Q	
3344131162	Metal oxide semiconductor (MOS) field effect transistors, nondigital silicon monolithic integrated circuits, radio frequency	1,000 units	S	MA334Q	
3344131168	Metal oxide semiconductor (MOS) field effect transistors, volatile memory dynamic read-write random access (DRAMs), not over 3MB	1,000 units	S	MA334Q	
3344131170	Metal oxide semiconductor (MOS) field effect transistors, volatile memory dynamic read-write random access (DRAMs), over 3MB but not over 15 MB	1,000 units	S	MA334Q	
3344131172	Metal oxide semiconductor (MOS) field effect transistors, volatile memory dynamic read-write random access (DRAMs), over 15 MB	1,000 units	S	MA334Q	
3344131179	Metal oxide semiconductor (MOS) fuedk effect transistors, nonvolatile erasable (except electrically) programmable read-only memory (EPROMs)	1,000 units	S	MA334Q	
3344131180	Metal oxide semiconductor (MOS) fuedk effect transistors, other nonvolatile memory	1,000 units	S	MA334Q	
3344131182	Metal oxide semiconductor (MOS) fuedk effect transistors, volatile memory static read-write random access (SRAMS), not over 40K	1,000 units	S	MA334Q	
3344131184	Metal oxide semiconductor (MOS) fuedk effect transistors, volatile memory static read-write random access (SRAMS), over 40K but not over 80K	1,000 units	S	MA334Q	
3344131186	Metal oxide semiconductor (MOS) fuedk effect transistors, volatile memory static read-write random access (SRAMS), over 80K	1,000 units	S	MA334Q	
3344131192	Metal oxide semiconductor (MOS) fuedk effect transistors, nonvolatile electrically erasable programmable read-only memory (EEPROMs), not over 80K	1,000 units	S	MA334Q	
3344131194	Metal oxide semiconductor (MOS) fuedk effect transistors, nonvolatile electrically erasable programmable read-only memory (EEPROMs), over 80K	1,000 units	S	MA334Q	
3344134	TRANSISTORS				
33441341	Transistors				
3344134100	Transistors		SV	MA334Q	
3344134105	Transistors, signal (less than 1 watt dissipation)		SV	MA334Q	
3344134110	Transistors, power (1 watt or greater dissipation)		SV	MA334Q	
3344137	DIODES AND RECTIFIERS				
33441371	Diodes and rectifiers				
3344137100	Diodes and rectifiers		SV	MA334Q	
3344137105	Selenium rectifiers	1,000 units	S	MA334Q	
3344137110	Signal diodes and assemblies (maximum current 0.5 amps)	1,000 units	S	MA334Q	
3344137115	Semiconductor rectifiers/power diodes and assemblies (current rating greater than 0.5 amps)	1,000 units	S	MA334Q	
3344137120	Microwave diodes (mixers, detectors, varactors, parametric, harmonic generators, etc.)	1,000 units	S	MA334Q	
3344137125	Zener diodes (voltage regulator and voltage reference diodes)	1,000 units	S	MA334Q	
334413A	OTHER SEMICONDUCTOR DEVICES, INCLUDING SEMICONDUCTOR PARTS SUCH AS CHIPS, WAFERS, AND HEAT SINKS				
334413A1	Other semiconductor devices, including semiconductor parts such as chips, wafers, and heat sinks				
334413A100	Other semiconductor devices, including semiconductor parts such as chips, wafers, and heat sinks		SV	MA334Q	
334413A105	Light sensitive and light-emitting devices, solar cells		SV	MA334Q	
334413A110	Light sensitive and light-emitting devices, photovoltaic modules		SV	MA334Q	
334413A115	Light sensitive and light-emitting devices, light-emitting diodes (LED), discrete, infrared and laser		SV	MA334Q	
334413A120	Light sensitive and light-emitting devices, light-emitting diodes (LED), discrete, alpha or numeric displays		SV	MA334Q	
334413A125	Light sensitive and light-emitting devices, photodiodes (including infrared detectors)		SV	MA334Q	
334413A130	Light sensitive and light-emitting devices, optical coupled isolators, including sensors and emitters		SV	MA334Q	
334413A135	Light sensitive and light-emitting devices, other, including photoelectric-magnetic devices		SV	MA334Q	
334413A140	Other semiconductor devices, thyristors (SCRs, triacs, PNP diodes)		SV	MA334Q	
334413A150	Other semiconductor devices, all other (tunnel diodes, thermoelectric semiconductor junctions, metal oxide varistor, solid-state transducers, etc.)		SV	MA334Q	
334413A155	Semiconductor parts, chips and wafers, for integrated circuits (ICs)		SV	MA334Q	
334413A160	Semiconductor parts, chips and wafers, for discrete semiconductors		SV	MA334Q	
334413A165	All other semiconductor parts (headers, packages, heat sinks, other accessories, etc.)		SV	MA334Q	
334414	ELECTRONIC CAPACITOR MANUFACTURING				

See footnotes at end of subsector.

NAICS Subsector 334—Computer and Electronic Product Manufacturing—Con.

Product code	Industry and product description	Unit of measure	Data collected	CIR survey ¹	Products primary ²
334414	ELECTRONIC CAPACITOR MANUFACTURING—Con.				
3344140	CAPACITORS FOR ELECTRONIC CIRCUITRY				
33441401	Capacitors for electronic circuitry				
3344140100	Capacitors for electronic circuitry		SV	MA334Q	
3344140103	Capacitors, fixed, paper, plastic (film), metalized, and dual (film/paper) dielectric, AC types, less than 300 volts	1,000 units	S	MA334Q	
3344140106	Capacitors, fixed, paper, plastic (film), metalized, and dual (film/paper) dielectric, AC types, 300 to 599 volts	1,000 units	S	MA334Q	
3344140109	Capacitors, fixed, paper, plastic (film), metalized, and dual (film/paper) dielectric, AC types, 600 to 999 volts	1,000 units	S	MA334Q	
3344140112	Capacitors, fixed, paper, plastic (film), metalized, and dual (film/paper) dielectric, AC types, 1000 volts or over	1,000 units	S	MA334Q	
334415	ELECTRONIC RESISTOR MANUFACTURING				
3344150	RESISTORS FOR ELECTRONIC CIRCUITRY				
33441501	Resistors for electronic circuitry				
3344150100	Resistors for electronic circuitry		SV	MA334Q	
3344150104	Resistors, fixed carbon composition or film types	1,000 units	S	MA334Q	
334416	ELECTRONIC COIL, TRANSFORMER, AND OTHER INDUCTOR MANUFACTURING				
3344160	ELECTRONIC COILS, TRANSFORMERS, AND OTHER INDUCTORS				
33441601	Electronic coils, transformers, and other inductors				
3344160100	Electronic coils, transformers, and other inductors		SV	MA334Q	
3344160105	Radio frequency (RF) chokes	1,000 units	S	MA334Q	
3344160110	Radio frequency (RF) coils	1,000 units	S	MA334Q	
3344160115	Intermediate frequency (IF) transformers	1,000 units	S	MA334Q	
3344160120	Audio frequency (AF) transformers	1,000 units	S	MA334Q	
3344160125	Low frequency (LF) chokes	1,000 units	S	MA334Q	
3344160130	Plate and filament transformers, including auto-transformers (excluding toroidal)	1,000 units	S	MA334Q	
3344160135	Pulse transformers, computer, and other types	1,000 units	S	MA334Q	
3344160140	Television transformers and reactors (horizontal output, vertical deflection, focus coils, deflection yokes, etc.)	1,000 units	S	MA334Q	
3344160145	Toroidal windings (transformers and reactors), excluding complete magnetic amplifiers	1,000 units	S	MA334Q	
3344160150	All other coils, transformers, reactors, and chokes for electronic applications (balun coils, permeability tuning devices, etc.)		SV	MA334Q	
334417	ELECTRONIC CONNECTOR MANUFACTURING				
3344171	COAXIAL (RF) CONNECTORS FOR ELECTRONIC CIRCUITRY				
33441711	Coaxial (RF) connectors for electronic circuitry				
3344171100	Coaxial (RF) connectors for electronic circuitry		SV	MA334Q	
3344171105	Connectors, coaxial (RF), subminiature (SMA, SMB, SMC)	1,000 units	S	MA334Q	
3344171110	Connectors, coaxial (RF), miniature (BNC, PNC, MHB)	1,000 units	S	MA334Q	
3344171115	Connectors, coaxial (RF), other standard and precision	1,000 units	S	MA334Q	
3344174	CYLINDRICAL CONNECTORS FOR ELECTRONIC CIRCUITRY				
33441741	Cylindrical connectors for electronic circuitry				
3344174100	Cylindrical connectors for electronic circuitry		SV	MA334Q	
3344174105	Connectors, cylindrical, heavy duty and standard	1,000 units	S	MA334Q	
3344174110	Connectors, cylindrical, miniature	1,000 units	S	MA334Q	
3344174115	Connectors, cylindrical, subminiature	1,000 units	S	MA334Q	
3344177	RACK AND PANEL (RECTANGULAR) CONNECTORS FOR ELECTRONIC CIRCUITRY				
33441771	Rack and panel (rectangular) connectors for electronic circuitry				
3344177100	Rack and panel (rectangular) connectors for electronic circuitry		SV	MA334Q	
3344177105	Connectors, rack and panel (rectangular), integral shell, Mil-C-22857 (8434) and similar types	1,000 units	S	MA334Q	
3344177110	Connectors, rack and panel (rectangular), subminiature, ribbon (including planar cable type)	1,000 units	S	MA334Q	
3344177115	Connectors, rack and panel (rectangular), subminiature, D-subminiature (including planar cable type)	1,000 units	S	MA334Q	
3344177120	Connectors, rack and panel (rectangular), subminiature, microminiatures	1,000 units	S	MA334Q	
334417A	PRINTED CIRCUIT CONNECTORS FOR ELECTRONIC CIRCUITRY				
334417A1	Printed circuit connectors for electronic circuitry				
334417A100	Printed circuit connectors for electronic circuitry		SV	MA334Q	
334417A105	Connectors, printed circuit, card insertion types	1,000 units	S	MA334Q	
334417A110	Connectors, printed circuit, two piece types, post, leader, and rectangular type	1,000 units	S	MA334Q	
334417A115	Connectors, printed circuit, two piece types, other	1,000 units	S	MA334Q	
334417D	OTHER CONNECTORS FOR ELECTRONIC CIRCUITRY, INCLUDING PARTS				
334417D1	Other connectors for electronic circuitry, including parts				
334417D100	Other connectors for electronic circuitry, including parts		SV	MA334Q	
334417D105	Connectors, hermetic sealed (except single contact or coaxial types)	1,000 units	S	MA334Q	
334417D110	Connectors, plate module types	1,000 units	S	MA334Q	
334417D115	Connectors, fiber optic	1,000 units	S	MA334Q	
334417D120	Connectors, miscellaneous special purpose	1,000 units	S	MA334Q	
334417D125	Parts for connectors (connectors requiring further manufacture)		SV	MA334Q	
334417D130	Connectors, other, including planar cable (flat conductor or ribbon cable), excluding rack and panel (rectangular types)	1,000 units	S	MA334Q	

See footnotes at end of subsector.

NAICS Subsector 334—Computer and Electronic Product Manufacturing—Con.

Product code	Industry and product description	Unit of measure	Data collected	CIR survey ¹	Products primary ²
334418	PRINTED CIRCUIT ASSEMBLY (ELECTRONIC ASSEMBLY) MANUFACTURING				
3344184	EXTERNAL MODEMS, CONSUMER				
33441841	External modems, consumer				
3344184100	External modems, consumer		SV	MA334Q	
3344184105	External modems for individual PCs		SV	MA334P	
334418B	PRINTED CIRCUIT ASSEMBLIES, LOADED BOARDS AND MODULES (PRINTED CIRCUIT BOARDS WITH INSERTED ELECTRONIC COMPONENTS)				
334418B1	Printed circuit assemblies, loaded boards and modules (printed circuit boards with inserted electronic components)				
334418B100	Printed circuit assemblies, loaded boards and modules (printed circuit boards with inserted electronic components)		SV	MA334Q	
334419	OTHER ELECTRONIC COMPONENT MANUFACTURING				
3344191	CRYSTALS, FILTERS, PIEZOELECTRIC, AND OTHER RELATED ELECTRONIC DEVICES (EXCEPT MICROWAVE FILTERS)				
33441911	Crystals, filters, piezoelectric, and other related electronic devices (except microwave filters)				
3344191100	Crystals, filters, piezoelectric, and other related electronic devices (except microwave filters)		SV	MA334Q	
3344191105	Filters (except microwave), mechanical (germanium silicon, fused quartz, rock salt, etc.), excluding optical lenses	1,000 units	S	MA334Q	
3344191110	Filters (except microwave), radio frequency interference/electromagnetic interference (RFI/EMI) control filters, ceramic dielectric	1,000 units	S	MA334Q	
3344191115	Filters (except microwave), radio frequency interference/electromagnetic interference (RFI/EMI) control filters, combination or other dielectric	1,000 units	S	MA334Q	
3344191120	Filters (except microwave), electric wave (LC band and high pass)	1,000 units	S	MA334Q	
3344194	ALL OTHER MISCELLANEOUS TRANSDUCERS, INCLUDING ELECTRICAL-ELECTRONIC INPUT/OUTPUT TRANSDUCERS				
33441941	All other miscellaneous transducers, including electrical-electronic input/output transducers				
3344194100	All other miscellaneous transducers, including electrical-electronic input/output transducers		SV	MA334Q	
3344194105	Transducers, electroacoustic (sonar, ultrasonic, vibration, etc.)	1,000 units	S	MA334Q	
3344194110	Transducers, electromechanical, accelerometers	1,000 units	S	MA334Q	
3344194115	Transducers, electromechanical, pressure	1,000 units	S	MA334Q	
3344194120	Transducers, electromechanical, strain gauges and other	1,000 units	S	MA334Q	
3344194125	Transducers, thermoelectric (pyrometers, thermocouples, etc.)	1,000 units	S	MA334Q	
3344194130	Transducers, other (optical, chemical, magnetic, nuclear, etc.)	1,000 units	S	MA334Q	
3344197	SWITCHES, MECHANICAL, FOR ELECTRONIC CIRCUITRY				
33441971	Switches, mechanical, for electronic circuitry				
3344197100	Switches, mechanical, for electronic circuitry		SV	MA334Q	
3344197105	Switches for electronic circuitry, toggle, standard		SV	MA334Q	
3344197110	Switches for electronic circuitry, toggle, miniature and subminiature		SV	MA334Q	
3344197115	Switches for electronic circuitry, membrane		SV	MA334Q	
3344197120	Switches for electronic circuitry, slide (including rocker), miniature and subminiature		SV	MA334Q	
3344197125	Switches for electronic circuitry, rotary selector (including lever and jog-lever), miniature and subminiature		SV	MA334Q	
3344197130	Switches for electronic circuitry, keyboard		SV	MA334Q	
3344197135	Switches for electronic circuitry, push button		SV	MA334Q	
3344197140	Switches for electronic circuitry, snap-action		SV	MA334Q	
3344197145	Switches for electronic circuitry, thumbwheel		SV	MA334Q	
3344197150	Switches for electronic circuitry, DIP		SV	MA334Q	
3344197155	Switches for electronic circuitry, other		SV	MA334Q	
334419A	MICROWAVE COMPONENTS AND DEVICES, EXCEPT ANTENNAE, TUBES, AND SEMICONDUCTORS				
334419A1	Microwave components and devices, except antennae, tubes, and semiconductors				
334419A100	Microwave components and devices, except antennae, tubes, and semiconductors		SV	MA334Q	
334419A105	Microwave components and devices (excluding antennae, tubes, and semiconductors), ferrite devices, including yttrium garnets (circulators (all types), isolators, phase shifters, etc.)		SV	MA334Q	
334419A110	Microwave components and devices (excluding antennae, tubes, and semiconductors), attenuators, dummy loads, and high and low power terminations		SV	MA334Q	
334419A115	Microwave components and devices (excluding antennae, tubes, and semiconductors), cavities (amplifier, coaxial tuned, etc.)		SV	MA334Q	
334419A120	Microwave components and devices (excluding antennae, tubes, and semiconductors), couplers (directional, hybrid junctions, etc.)		SV	MA334Q	
334419A125	Microwave components and devices (excluding antennae, tubes, and semiconductors), all other reactive components (filters, modulators, phase shifters, limiters, etc.)		SV	MA334Q	
334419A130	Microwave components and devices (excluding antennae, tubes, and semiconductors), switches, coaxial and waveguide		SV	MA334Q	
334419A135	Microwave components and devices (excluding antennae, tubes, and semiconductors), rigid waveguides and fittings (bend and twists, couplings, flanges, etc.)		SV	MA334Q	
334419A140	Microwave components and devices (excluding antennae, tubes, and semiconductors), flexible waveguides and fittings		SV	MA334Q	
334419A145	Microwave components and devices (excluding antennae, tubes, and semiconductors), other components, except ferrite devices (coaxial to waveguide and other transitions, duplexers, etc.)		SV	MA334Q	
334419A150	Microwave components and devices (excluding antennae, tubes, and semiconductors), subassemblies (parametric amplifiers, other solid state assemblies, etc.)		SV	MA334Q	

See footnotes at end of subsector.

NAICS Subsector 334—Computer and Electronic Product Manufacturing—Con.

Product code	Industry and product description	Unit of measure	Data collected	CIR survey ¹	Products primary ²
334419	OTHER ELECTRONIC COMPONENT MANUFACTURING— Con.				
334419E	ALL OTHER MISCELLANEOUS ELECTRONIC COMPONENTS				
334419E1	All other miscellaneous electronic components				
334419E100	All other miscellaneous electronic components		SV	MA334Q	
334419E101	Other consumer audio and video equipment (except speakers), earphones, headsets, and phonograph cartridges, pickups, needles, and styli		SV	MA334M	
334510	ELECTROMEDICAL AND ELECTROTHERAPEUTIC APPARATUS MANUFACTURING				
3345101	ELECTROMEDICAL EQUIPMENT, INCLUDING DIAGNOSTIC, THERAPEUTIC, AND PATIENT MONITORING EQUIPMENT (EXCLUDING IONIZING RADIATION EQUIPMENT)				
33451011	Electromedical equipment, including diagnostic, therapeutic, and patient monitoring equipment (excluding ionizing radiation equipment)				
3345101100	Electromedical equipment, including diagnostic, therapeutic, and patient monitoring equipment (excluding ionizing radiation equipment)		SV	MA334S	
3345101103	Magnetic resonance imaging equipment (MRI)	units	S	MA334S	
3345101106	Ultrasound scanning devices	units	S	MA334S	
3345101109	Electrocardiograph (EKG)	units	S	MA334S	
3345101112	Electroencephalograph (EEG) and electromyograph (EMG)	units	S	MA334S	
3345101115	Audiological equipment		SV	MA334S	
3345101118	Endoscopic equipment (bronchoscope, cystoscope, proctosigmoidoscope, colonoscope, etc.)		S	MA334S	
3345101121	Respiratory analysis equipment	units	S	MA334S	
3345101124	All other medical diagnostic equipment	units	SV	MA334S	
3345103	ELECTRONIC HEARING AIDS, COMPLETE UNITS				
33451031	Electronic hearing aids, complete units				
3345103100	Electronic hearing aids, complete units		SV	MA334S	
334511	SEARCH, DETECTION, NAVIGATION, GUIDANCE, AERONAUTICAL, AND NAUTICAL SYSTEM AND INSTRUMENT MANUFACTURING				
3345111	AERONAUTICAL, NAUTICAL, AND NAVIGATIONAL INSTRUMENTS, NOT SENDING OR RECEIVING RADIO SIGNALS (EXCEPT ENGINE INSTRUMENTS)				
33451111	Aeronautical, nautical, and navigational instruments, not sending or receiving radio signals (except engine instruments)				
3345111100	Aeronautical, nautical, and navigational instruments, not sending or receiving radio signals (except engine instruments)		SV	MA334B	
3345111101	Flight and navigation compasses (all types)		SV	MA334B	
3345111103	Flight and navigation altimeters (except radio and radar altimeters)		SV	MA334B	
3345111105	Flight and navigation airspeed indicators (including machmeters and air data computers)		SV	MA334B	
3345111107	Flight and navigation acceleration indicators and systems components	units	S	MA334B	
3345111109	Flight and navigation rate-of-climb indicators	units	S	MA334B	
3345111111	Flight and navigation angle-of-attack indicators	units	S	MA334B	
3345111113	Flight and navigation artificial horizon flight instruments	units	S	MA334B	
3345111115	Other flight and navigation sensors, transmitters, and displays	units	SV	MA334B	
3345113	SEARCH, DETECTION, NAVIGATION, AND GUIDANCE SYSTEMS AND EQUIPMENT				
33451131	Search, detection, navigation, and guidance systems and equipment				
3345113100	Search, detection, navigation, and guidance systems and equipment		SV	MA334B	
3345113101	Light reconnaissance and surveillance electronic systems and equipment (infrared, ultraviolet, and visible light) (bomb-defense equipment, fire control equipment (except optical systems), etc.)		SV	MA334B	
3345113103	Electronic checkout, monitoring, evaluation, and other electronic support equipment for light reconnaissance and surveillance electronic systems, IFF equipment		SV	MA334B	
3345113105	Electronic checkout, monitoring, evaluation, and other electronic support equipment for light reconnaissance and surveillance electronic systems, proximity fuses		SV	MA334B	
334512	AUTOMATIC ENVIRONMENTAL CONTROL MANUFACTURING FOR RESIDENTIAL, COMMERCIAL, AND APPLIANCE USE				
3345120	AUTOMATIC ENVIRONMENTAL CONTROLS FOR MONITORING RESIDENTIAL, COMMERCIAL, AND APPLIANCE USE				
33451201	Automatic environmental controls for monitoring residential, commercial, and appliance use				
3345120100	Automatic environmental controls for monitoring residential, commercial, and appliance use		SV	MA334B	
3345120102	Automatic controls for air-conditioning, refrigeration, and comfort heating (including pneumatic controls), temperature responsive (thermostats)	units	S	MA334B	
3345120105	Automatic controls for air-conditioning, refrigeration, and comfort heating (including pneumatic controls), pressure responsive (pressurestats)	units	S	MA334B	
3345120107	Automatic controls for air-conditioning, refrigeration, and comfort heating (including pneumatic controls), hydronic responsive	units	S	MA334B	
3345120109	Automatic controls for air-conditioning, refrigeration, and comfort heating (including pneumatic controls), humidity responsive (humidistats)	units	S	MA334B	
3345120111	Automatic controls for air-conditioning, refrigeration, and comfort heating (including pneumatic controls), light responsive	units	S	MA334B	
3345120113	Automatic controls for air-conditioning, refrigeration, and comfort heating (including pneumatic controls), liquid level	units	S	MA334B	
3345120115	Automatic controls for air-conditioning, refrigeration, and comfort heating (including pneumatic controls), igniters	units	S	MA334B	

See footnotes at end of subsector.

NAICS Subsector 334—Computer and Electronic Product Manufacturing—Con.

Product code	Industry and product description	Unit of measure	Data collected	CIR survey ¹	Products primary ²
334512	AUTOMATIC ENVIRONMENTAL CONTROL MANUFACTURING FOR RESIDENTIAL, COMMERCIAL, AND APPLIANCE USE—Con.				
3345120	AUTOMATIC ENVIRONMENTAL CONTROLS FOR MONITORING RESIDENTIAL, COMMERCIAL, AND APPLIANCE USE—Con.				
33451201	Automatic environmental controls for monitoring residential, commercial, and appliance use—Con.				
3345120117	Automatic controls for air-conditioning, refrigeration, and comfort heating (including pneumatic controls), inherent motor protectors	units	S	MA334B	
334513	INSTRUMENTS AND RELATED PRODUCTS MANUFACTURING FOR MEASURING, DISPLAYING, AND CONTROLLING INDUSTRIAL PROCESS VARIABLES				
3345130	PROCESS CONTROL INSTRUMENTS				
33451301	Process control instruments				
3345130100	Process control instruments		SV	MA334B	
3345130101	General purpose control system instruments and related equipment, electronic systems, unified architecture, controllers (recording, indicating, or blind)	units	S	MA334B	
3345130103	General purpose control system instruments and related equipment, electronic systems, unified architecture, recorders, with or without self-contained set-point stations	units	S	MA334B	
3345130105	General purpose control system instruments and related equipment, electronic systems, unified architecture, indicators, with or without self-contained set-point stations	units	S	MA334B	
3345130107	General purpose control system instruments and related equipment, electronic systems, unified architecture, auxiliary stations and analog computing devices (manual loaders, ratio stations, etc.)	units	S	MA334B	
3345130109	General purpose control system instruments and related equipment, electronic systems, non-unified architecture, all types (except multi-function process computers)		SV	MA334B	
3345130111	General purpose control system instruments and related equipment, industrial multi-function process computers		SV	MA334B	
3345130113	General purpose control system instruments and related equipment, industrial pneumatic systems, controllers (recording, indicating, or blind)	units	S	MA334B	
3345130116	General purpose control system instruments and related equipment, industrial pneumatic systems, recorders and indicators, with or without self-contained set-point stations	units	S	MA334B	
3345130119	General purpose control system instruments and related equipment, industrial pneumatic systems, auxiliary stations and analog computing devices (manual loaders, ratio stations, adders, etc.)	units	S	MA334B	
334513011G	General purpose control system instruments and related equipment, electrical and electronic measuring types, direct-deflecting type controllers, indicators, and recorders	units	S	MA334B	
3345130121	General purpose control system instruments and related equipment, industrial pneumatic systems, receiver-type gauges, analog and digital	units	S	MA334B	
3345130123	General purpose control system instruments and related equipment, industrial annunciators, electro-mechanical and solid-state types	units	S	MA334B	
334514	TOTALIZING FLUID METER AND COUNTING DEVICE MANUFACTURING				
3345141	INTEGRATING AND TOTALIZING METERS FOR GAS AND LIQUIDS				
33451411	Integrating and totalizing meters for gas and liquids				
3345141100	Integrating and totalizing meters for gas and liquids		SV	MA334B	
3345141101	Gas meters, consumption registering, diaphragm type, positive displacements, aluminum, iron and tin case, residential size (up to 400 cu. ft/hr of 0.64 specific gravity gas, at 0.5 in. water drop)	units	S	MA334B	
3345141103	Gas meters, consumption registering, diaphragm type, positive displacements, aluminum, iron and tin case, other sizes (including commercial and residential)	units	S	MA334B	
3345141105	Gas meters, consumption registering, turbine types (all sizes)	units	S	MA334B	
3345141107	Other gas meters, consumption registering	units	S	MA334B	
3345141109	Liquid meters, positive displacement with registers and counters, water, consumption registering, small, up to and including 1 in.	units	S	MA334B	
3345141111	Liquid meters, positive displacement with registers and counters, water, consumption registering, intermediate, over 1 in. up to and including 2 in.	units	S	MA334B	
3345141113	Liquid meters, positive displacement with registers and counters, water meters, consumption registering, large, over 2 in.	units	S	MA334B	
3345141115	Liquid meters, positive displacement with registers and counters, fuel dispensing (excluding service station dispensing pumps)	units	S	MA334B	
3345141117	Liquid meters, positive displacement with registers and counters, other (including industrial bulk plants, pipeline, batching, and treatment facilities)	units	S	MA334B	
3345141119	Parts, components, and accessories for gas and liquid meters (sold separately)		SV	MA334B	
3345143	COUNTING DEVICES, EXCLUDING MOTOR VEHICLE INSTRUMENTS				
33451431	Counting devices, excluding motor vehicle instruments				
3345143100	Counting devices, excluding motor vehicle instruments		SV	MA334B	
3345143101	Counting devices, mechanical input	units	S	MA334B	
3345143103	Counting devices, electrical input	units	S	MA334B	
3345143105	Counting devices, electronic input	units	S	MA334B	
3345143107	All other counting devices (including toll meters, fare collection equipment (systems), parking lot systems, taximeters, parking meters, etc.)		SV	MA334B	
3345143109	Components and parts for counting devices, except parking meters (sold separately)		SV	MA334B	

See footnotes at end of subsector.

NAICS Subsector 334—Computer and Electronic Product Manufacturing—Con.

Product code	Industry and product description	Unit of measure	Data collected	CIR survey ¹	Products primary ²
334514	TOTALIZING FLUID METER AND COUNTING DEVICE MANUFACTURING—Con.				
3345145	MOTOR VEHICLE INSTRUMENTS				
33451451	Motor vehicle instruments				
3345145100	Motor vehicle instruments		SV	MA334B	
3345145101	Motor vehicle instruments, speedometers		SV	MA334B	
3345145103	Motor vehicle instruments, tachometers		SV	MA334B	
3345145105	Motor vehicle instruments, odometers		SV	MA334B	
3345145107	Motor vehicle instruments, fuel level gauges		SV	MA334B	
3345145109	Motor vehicle instruments, water temperature gauges		SV	MA334B	
3345145111	Motor vehicle instruments, ammeters		SV	MA334B	
3345145113	Motor vehicle instruments, oil pressure gauges		SV	MA334B	
3345145115	Motor vehicle instruments, instrument panels (including cluster modules)		SV	MA334B	
3345145117	Motor vehicle instruments, other		SV	MA334B	
334515	INSTRUMENT MANUFACTURING FOR MEASURING AND TESTING ELECTRICITY AND ELECTRICAL SIGNALS				
3345151	ELECTRICAL INTEGRATING INSTRUMENTS				
33451511	Electrical integrating instruments				
3345151100	Electrical integrating instruments		SV	MA334B	
3345151101	Integrating instruments, electrical, A.c. watt-hour meters, single phase	units	S	MA334B	
3345151103	Integrating instruments, electrical, A.c. watt-hour meters, polyphase	units	S	MA334B	
3345151105	Integrating instruments, electrical, demand meters, kW and kVA, combined watt-hour and demand meters (single phase and polyphase), and combined watt-hour and time switch meters	units	S	MA334B	
3345151107	Integrating instruments, electrical, other meters (including d.c. watt-hour, ampere-hour, etc.)		SV	MA334B	
3345151109	Parts and accessories for electric integrating meters (including meter mountings and registers) (sold separately)		SV	MA334B	
3345153	TEST EQUIPMENT FOR TESTING ELECTRICAL, RADIO, AND COMMUNICATION CIRCUITS, AND MOTORS (EXCEPT PORTABLE INSTRUMENT TRANSFORMERS)				
33451531	Test equipment for testing electrical, radio, and communication circuits, and motors (except portable instrument transformers)				
3345153100	Test equipment for testing electrical, radio, and communication circuits, and motors (except portable instrument transformers)		SV	MA334B	
3345153101	Test equipment for electrical and radio and communication circuits and motors, voltage, current, and resistance measuring equipment (excluding multimeters), electronic, digital		SV	MA334B	
3345153103	Test equipment for electrical and radio and communication circuits and motors, voltage, current, and resistance measuring equipment (excluding multimeters), electronic, analog		SV	MA334B	
3345153105	Test equipment for electrical and radio and communication circuits and motors, voltage, current, and resistance measuring equipment (excluding multimeters), electrical (excluding panel meters)		SV	MA334B	
3345153107	Test equipment for electrical and radio and communication circuits and motors, multimeters, electronic, digital and analog		SV	MA334B	
3345153109	Test equipment for electrical and radio and communication circuits and motors, multimeters, electrical		SV	MA334B	
3345153114	Test equipment for electrical and radio and communication circuits and motors, power and energy measuring equipment, electronic, digital and analog		SV	MA334B	
3345153115	Test equipment for electrical and radio and communication circuits and motors, power and energy measuring equipment, electrical		SV	MA334B	
3345153118	Test equipment for electrical and radio and communication circuits and motors, frequency counters, timers, and other frequency and time measuring equipment (excluding standards)		SV	MA334B	
3345153126	Test equipment for electrical and radio and communication circuits and motors, waveform measuring and/or analyzing equipment (including oscilloscopes and spectrum analyzers)		SV	MA334B	
3345153131	Test equipment for electrical and radio and communication circuits and motors, signal generating equipment, audio		SV	MA334B	
3345153133	Test equipment for electrical and radio and communication circuits and motors, signal generating equipment, RF (over 20 kc to 890 megacycles)		SV	MA334B	
3345153135	Test equipment for electrical and radio and communication circuits and motors, signal generating equipment, microwave (890 megacycles and above)		SV	MA334B	
3345153137	Test equipment for electrical and radio and communication circuits and motors, field strength and intensity measuring equipment (including RFI measuring equipment), electronic		SV	MA334B	
3345153139	Test equipment for electrical and radio and communication circuits and motors, field strength and intensity measuring equipment (including RFI measuring equipment), electrical		SV	MA334B	
3345153143	Test equipment for electrical and radio and communication circuits and motors, impedance and standing wave ratio measuring equipment (transfer function measuring equipment), electronic		SV	MA334B	
3345153149	Test equipment for electrical and radio and communication circuits and motors, automatic test and measuring equipment, combination and/or group test sets		SV	MA334B	
3345153151	Test equipment for electrical and radio and communication circuits and motors, automatic test and measuring equipment, component part test sets, electron tube test equipment		SV	MA334B	
3345153153	Test equipment for electrical and radio and communication circuits and motors, automatic test and measuring equipment, component part test sets, semiconductor component test equipment, memory		SV	MA334B	
3345153155	Test equipment for electrical and radio and communication circuits and motors, automatic test and measuring equipment, component part test sets, semiconductor component test equipment, linear		SV	MA334B	
3345153157	Test equipment for electrical and radio and communication circuits and motors, automatic test and measuring equipment, component part test sets, semiconductor component test equipment, microprocessor		SV	MA334B	
3345153159	Test equipment for electrical and radio and communication circuits and motors, automatic test and measuring equipment, component part test sets, semiconductor component test equipment, other		SV	MA334B	
3345153161	Test equipment for electrical and radio and communication circuits and motors, automatic test and measuring equipment, component part test sets, circuit board loaded test equipment		SV	MA334B	

See footnotes at end of subsector.

NAICS Subsector 334—Computer and Electronic Product Manufacturing—Con.

Product code	Industry and product description	Unit of measure	Data collected	CIR survey ¹	Products primary ²
334515	INSTRUMENT MANUFACTURING FOR MEASURING AND TESTING ELECTRICITY AND ELECTRICAL SIGNALS—Con.				
3345153	TEST EQUIPMENT FOR TESTING ELECTRICAL, RADIO, AND COMMUNICATION CIRCUITS, AND MOTORS (EXCEPT PORTABLE INSTRUMENT TRANSFORMERS)—Con.				
33451531	Test equipment for testing electrical, radio, and communication circuits, and motors (except portable instrument transformers)—Con.				
3345153163	Test equipment for electrical and radio and communication circuits and motors, automatic test and measuring equipment, component part test sets, other		SV	MA334B	
3345153165	Test equipment for electrical and radio and communication circuits and motors, automatic test and measuring equipment, all other equipment and subassembly test equipment (disc drive testers, etc.)		SV	MA334B	
3345153168	Standards and calibration equipment for test measuring equipment, including laboratory types (metered bench-top, rack-mountable, or plug-in equipment)		SV	MA334B	
3345153171	Test equipment for electrical and radio and communication circuits and motors, analyzers for testing characteristics of internal-combustion engines (excluding aircraft), portable		SV	MA334B	
3345153173	Test equipment for electrical and radio and communication circuits and motors, analyzers for testing characteristics of internal-combustion engines (excluding aircraft), other		SV	MA334B	
3345153175	Test equipment for electrical and radio and communication circuits and motors, all other communications test equipment, network analyzers		SV	MA334B	
3345153177	Test equipment for electrical and radio and communication circuits and motors, all other communications test equipment, cable backplane and other continuity testers		SV	MA334B	
3345153179	Test equipment for electrical and radio and communication circuits and motors, all other communications test equipment, fiber optics test equipment (OTDR, optical S/N meters, etc.)		SV	MA334B	
3345153181	Test equipment for electrical and radio and communication circuits and motors, all other communications test equipment, other (excluding microwave)		SV	MA334B	
3345153183	Test equipment for electrical and radio and communication circuits and motors, all other communications test equipment, all other microwave test equipment (1300 MHZ and above)		SV	MA334B	
3345153185	Test equipment for electrical and radio and communication circuits and motors, logic analyzers and similar logic state, timing, and signature analyzers		SV	MA334B	
3345153187	Test equipment for electrical and radio and communication circuits and motors, microprocessor development systems		SV	MA334B	
3345153189	Test equipment for electrical and radio and communication circuits and motors, pulse, function, and data generators and similar metered frequency synthesizers		SV	MA334B	
3345153191	Test equipment for electrical and radio and communication circuits and motors, other field service test and measurement equipment, logic probes, clips, and pulsers		SV	MA334B	
3345153193	Other measuring and checking instruments for test equipment for testing electrical and radio and communication circuits and motors		SV	MA334B	
3345153195	Other analyzing instruments for checking electrical quantities		SV	MA334B	
3345153197	Parts and components for test equipment for testing electrical and radio and communication circuits and motors (sold separately)		SV	MA334B	
3345155	OTHER INSTRUMENTS TO MEASURE ELECTRICITY				
33451551	Other instruments to measure electricity				
3345155100	Other instruments to measure electricity		SV	MA334B	
3345155101	Electrical indicating instruments, digital panel meters (DPM) between 0.05 percent and 1 percent, + or - 1 digit accuracy (excluding precision DVMS and electronic counters)	units	S	MA334B	
3345155103	Electrical indicating instruments, analog solid state panel meters (generally of + or - 2 percent accuracy) with LED, LCD, or neon gas discharge display	units	S	MA334B	
3345155105	Electrical indicating instruments, panel type meters, excluding ruggedized or sealed (generally of 2 percent accuracy), a.c. (including moving iron vane and dynamometer types)	units	S	MA334B	
3345155107	Electrical indicating instruments, panel type meters, excluding ruggedized or sealed (generally of 2 percent accuracy), d.c. (including rectifier and self-contained thermocouple types)	units	S	MA334B	
3345155109	Electrical indicating instruments, panel type meters, ruggedized or sealed (generally of 2 percent accuracy)	units	S	MA334B	
3345155113	Electrical indicating instruments, all other panel type instruments, including ammeters and voltmeters for motor vehicles	units	S	MA334B	
3345155116	Electrical indicating instruments, switchboard instruments (generally of 1 percent accuracy), including a.c. and d.c.	units	S	MA334B	
3345155119	Electrical indicating instruments, elapsed time meters (with and without reset)	units	S	MA334B	
3345155121	Electrical indicating instruments, portable instruments, capable of accuracies within + or - 2 percent full scale indication, end product	units	S	MA334B	
3345155124	Electrical recording instruments (portable and panel mounting), including oscillographic and direct deflecting types (excluding potentiometer and bridge self-balancing types)	units	S	MA334B	
3345155129	Parts and accessories for indicating and recording instruments, transducers for volts, amperes, watts, vars, frequency, temperature, and power factor		SV	MA334B	
3345155133	Parts and accessories for indicating and recording instruments, other (including instrument shunts)		SV	MA334B	
334516	ANALYTICAL LABORATORY INSTRUMENT MANUFACTURING				
3345160	ANALYTICAL AND SCIENTIFIC INSTRUMENTS, EXCEPT OPTICAL				
33451601	Analytical and scientific instruments, except optical				
3345160100	Analytical and scientific instruments, except optical		SV	MA334B	
3345160101	Electrochemical instruments, Ph electrodes and meters		SV	MA334B	
3345160103	Electrochemical instruments, ion selective electrodes and meters		SV	MA334B	
3345160107	Electrochemical instruments, electrophoresis instruments		SV	MA334B	
3345160109	Other electrochemical instruments (except process type), including photometers		SV	MA334B	

See footnotes at end of subsector.

NAICS Subsector 334—Computer and Electronic Product Manufacturing—Con.

Product code	Industry and product description	Unit of measure	Data collected	CIR survey ¹	Products primary ²
334516	ANALYTICAL LABORATORY INSTRUMENT MANUFACTURING—Con.				
3345160	ANALYTICAL AND SCIENTIFIC INSTRUMENTS, EXCEPT OPTICAL—Con.				
33451601	Analytical and scientific instruments, except optical—Con.				
3345160112	Chromatographic instruments (including gas, liquid, paper, gel, and thin layer)	units	S	MA334B	
3345160117	Spectrophotometric instruments, atomic absorption		SV	MA334B	
3345160119	Spectrophotometric instruments, optical emission (spark, arc, glow, spectrographs, etc.), excluding inductively coupled plasma (ICP)		SV	MA334B	
3345160121	Spectrophotometric instruments, optical emission, including laser excited source (including laser microprobe source emission, laser source Raman, and laser microprobe source Raman spectrometers)		SV	MA334B	
3345160123	Spectrophotometric instruments, optical emission with ICP		SV	MA334B	
3345160125	Spectrophotometric instruments, infrared (including Fourier transfer methods)		SV	MA334B	
3345160127	Spectrophotometric instruments, ultraviolet, visible and colorimeters		SV	MA334B	
3345160129	Spectrophotometric instruments, fluorescent instruments, including fluorometers (except chemicals)		SV	MA334B	
3345160131	Spectrophotometric instruments, color measuring devices		SV	MA334B	
3345160133	Spectrophotometric instruments, other (including vacuum ultraviolet, Raman light scattering reflectors helium glow, and light measuring)		SV	MA334B	
3345160135	Thermal analysis instruments, thermogravimetric analyzers (THA), differential thermal analyzers (DTA), and quantitative thermal analyzers (QTA)		SV	MA334B	
3345160137	Nuclear magnetic resonance (NMR) spectrometers (excluding medical NMR imaging equipment), electron paramagnetic spin types (EP) and other types		SV	MA334B	
3345160139	Microscopes, scanning type, including electron and proton		SV	MA334B	
3345160141	Particle beam excitation instruments (including electron microprobes, ion microprobes, auger, secondary ion mass spectrometers (SIMS), and energy ion spectroscopes)		SV	MA334B	
3345160143	Photon excitation analyzers (including X-ray fluorescence - simultaneous, X-ray diffraction, and energy dispersive systems (EDS))	units	S	MA334B	
3345160145	Mass spectroscopy instrumentation, clinical laboratory		SV	MA334B	
3345160147	Mass spectroscopy instrumentation, chemistry	units	S	MA334B	
3345160149	Mass spectroscopy instrumentation, hematology	units	S	MA334B	
3345160151	Mass spectroscopy instrumentation, microbiology	units	S	MA334B	
3345160153	Mass spectroscopy instrumentation, histology	units	S	MA334B	
3345160155	Mass spectroscopy instrumentation, blood bank and immunology	units	S	MA334B	
3345160157	Mass spectroscopy instrumentation, other	units	S	MA334B	
3345160159	Organic elemental analysis instruments (including carbon, hydrogen, nitrogen, oxygen, and sulphur)	units	S	MA334B	
3345160161	Amino acid, protein and/or peptide analyzers, including chromatographic types	units	S	MA334B	
3345160163	Gas detectors	units	S	MA334B	
3345160164	Analytical and scientific laser systems and equipment	units	S	MA334B	
3345160165	All other analytical and scientific instruments (molecular weight, monochrometers (analytical type), nephelometers (except meteorological), osmometers, particle size analyzers, etc.)		SV	MA334B	
3345160167	Parts, components, and accessories for analytical and scientific instruments (photo tubes, thermal conductivity sensors, thermopiles, etc.) (sold separately)		SV	MA334B	
334517	IRRADIATION APPARATUS MANUFACTURING				
3345170	IRRADIATION (IONIZING RADIATION) EQUIPMENT				
33451701	Irradiation (ionizing radiation) equipment (including X-ray, beta ray, gamma ray, and nuclear)				
3345170100	Irradiation (ionizing radiation) equipment (including X-ray, beta ray, gamma ray, and nuclear)		SV	MA334S	
3345170103	Medical X-ray equipment (excluding non-medical), digital radiography	units	S	MA334S	
3345170106	Medical X-ray equipment (excluding non-medical), computerized axial tomography (CT or CAT scan)	units	S	MA334S	
3345170109	Medical X-ray equipment (excluding non-medical), dental and conventional x-ray	units	S	MA334S	
3345170112	Medical X-ray equipment (excluding non-medical), all other		SV	MA334S	
3345170115	Nuclear medicine equipment (all equipment used for nuclear in vivo studies)	units	S	MA334S	
3345170118	Medical therapy equipment, radiation (including linear accelerators, X-ray, cobalt 60, and brachetherapy)		SV	MA334S	
3345170121	All other irradiation and electromedical equipment, industrial and scientific X-ray equipment	units	S	MA334S	
3345170124	All other irradiation and electromedical equipment, X-ray tubes (sold separately)		SV	MA334S	
334518	WATCH, CLOCK, AND PART MANUFACTURING				
3345182	WATCHES, WATCHCASES, MOVEMENTS, AND MODULES (INCLUDING WATCH PARTS)				
33451821	Watches, watchcases, movements, and modules (including watch parts)				
3345182101	Watches		SV		
3345182106	Watchcases, movements and modules (including watch parts)		SV		
3345182108	Lapidary work, including cutting, engraving, and polishing precious stones (including diamonds), semiprecious stones, natural pearls, and cultured pearls, for use as watch jewels		SV		
3345184	CLOCKS, TIMING MECHANISMS, TIME RECORDING AND TIME STAMP DEVICES, TIME SWITCHES, CLOCK MOVEMENTS, AND CLOCK CASES (INCLUDING PARTS)				
33451841	Clocks, timing mechanisms, time recording and time stamp devices, time switches, clock movements, and clock cases (including parts)				
3345184101	Alarm clocks, excluding clock timers and timing mechanisms		SV		
3345184106	Household wall clocks, excluding alarm clocks		SV		
3345184111	All other household clocks (including chime and strike, desk, mantel, etc.), excluding alarm clocks		SV		
3345184116	Other complete clocks, excluding alarm clocks		SV		

See footnotes at end of subsector.

NAICS Subsector 334—Computer and Electronic Product Manufacturing—Con.

Product code	Industry and product description	Unit of measure	Data collected	CIR survey ¹	Products primary ²
334518	WATCH, CLOCK, AND PART MANUFACTURING—Con.				
3345184	CLOCKS, TIMING MECHANISMS, TIME RECORDING AND TIME STAMP DEVICES, TIME SWITCHES, CLOCK MOVEMENTS, AND CLOCK CASES (INCLUDING PARTS)—Con.				
33451841	Clocks, timing mechanisms, time recording and time stamp devices, time switches, clock movements, and clock cases (including parts)—Con.				
3345184121	Household timing mechanisms, excluding time recording and time stamp machines		SV		
3345184126	Commercial timing mechanisms, excluding time recording and time stamp machines		SV		
3345184131	Time recording and time stamp machines and devices		SV		
3345184136	Other timing mechanisms (including military), excluding time recording and time stamp machines		SV		
3345184141	Timers and switch clocks with clock or watch movements or modules having dials or displays for telling time of day		SV		
3345184146	Clock movements and modules, complete		SV		
3345184147	Chronometers		SV		
3345184151	Other clock parts (except timing motors), clock and watch springs, and parts and attachments for time recording and time stamp devices		SV		
334519	OTHER MEASURING AND CONTROLLING DEVICE MANUFACTURING				
3345192	AIRCRAFT ENGINE INSTRUMENTS, EXCEPT FLIGHT				
33451921	Aircraft engine instruments, except flight				
3345192100	Aircraft engine instruments, except flight		SV	MA334B	
3345194	PHYSICAL PROPERTIES TESTING AND INSPECTION EQUIPMENT AND KINEMATIC TESTING AND MEASURING EQUIPMENT				
33451941	Physical properties testing and inspection equipment and kinematic testing and measuring equipment				
3345194100	Physical properties testing and inspection equipment and kinematic testing and measuring equipment		SV	MA334B	
3345195	NUCLEAR RADIATION DETECTION AND MONITORING INSTRUMENTS				
33451951	Nuclear radiation detection and monitoring instruments				
3345195100	Nuclear radiation detection and monitoring instruments		SV	MA334B	
3345195101	Nuclear radiation detection and monitoring instruments, radiation detecting elements (including ion chambers)	units	S	MA334B	
3345195103	Nuclear radiation detection and monitoring instruments, solid state detectors	units	S	MA334B	
3345195105	Nuclear radiation detection and monitoring instruments, nuclear monitoring instruments (including environmental, personal dosimetry, and medical monitors), stationary and portable types	units	S	MA334B	
3345195107	Nuclear radiation detection and monitoring instruments, sample and flow counting systems, manual and automatic		SV	MA334B	
3345195109	Nuclear radiation detection and monitoring instruments, scalars	units	S	MA334B	
3345195114	Nuclear radiation detection and monitoring instruments, pulse analyzers (including single and multichannel) and nuclear spectrometers	units	S	MA334B	
3345195117	Nuclear radiation detection and monitoring instruments, count rate meters	units	S	MA334B	
3345195119	Nuclear radiation detection and monitoring instruments, measurement and control devices using Beta, Gamma, or neutron gauge technology		SV	MA334B	
3345195121	Nuclear radiation detection and monitoring instruments, nuclear power supplies		SV	MA334B	
3345195123	Nuclear radiation detection and monitoring instruments, neutron and photon activation analysis systems		SV	MA334B	
3345195125	Nuclear radiation detection and monitoring instruments, all other		SV	MA334B	
3345195127	Other nuclear radiation detection and monitoring instruments		SV	MA334B	
3345195129	Parts and components for nuclear radiation detection and monitoring instruments (sold separately)		SV	MA334B	
3345197	COMMERCIAL, GEOPHYSICAL, METEOROLOGICAL, AND GENERAL-PURPOSE INSTRUMENTS AND EQUIPMENT, EXCEPT MEDICAL THERMOMETERS				
33451971	Commercial, geophysical, meteorological, and general-purpose instruments and equipment, except medical thermometers				
3345197100	Commercial, geophysical, meteorological, and general-purpose instruments and equipment, except medical thermometers		SV	MA334B	
3345197101	Barometers and barographs, aneroid and mercurial types (including recorders, wall, pendant, meteorological, hygro-thermographs, and barometer-thermometer-humidity combinations)		SV	MA334B	
3345197103	Hydrometers, glass, all types, including thermo-hydrometers	units	S	MA334B	
3345197105	Liquid-in-glass thermometers, engraved (etched) stem, thermoregulators, deep-sea reversing, laboratory, encased glass, ASTM standards, pocket case, and max-min registering (except clinical)		SV	MA334B	
3345197107	Liquid-in-glass thermometers, threaded and flanged types, fixed and adjustable angle, in-line and duct installations (for process, food, air-conditioning, and refrigeration installations)	units	S	MA334B	
3345197109	Household and commercial thermometers (including wall, outdoor, domestic science, cupcase, filled systems, and indoor-outdoor), excluding medical	units	S	MA334B	
3345197111	Bimetal thermometers, threaded and flanged types, for pipeline and duct installations (including general and pocket test)	units	S	MA334B	
3345197113	Bimetal thermometers, domestic science, commercial general test, indoor, outdoor, desk models, oven, and refrigerator types	units	S	MA334B	
3345197115	Humidity indicating and recording instruments (excluding process type humidistats)		SV	MA334B	
3345197117	Other thermometers (infrared, meteorological, commercial, and industrial)		SV	MA334B	
3345197123	Meteorological electronics equipment and radio astronomy equipment		SV	MA334B	
3345197125	Other meteorological instruments, including speed and direction instruments, rain gauges, thermographs, and parts (sold separately)		SV	MA334B	
3345197127	Seismic instruments		SV	MA334B	
3345197129	All other geophysical instruments and equipment		SV	MA334B	

See footnotes at end of subsector.

NAICS Subsector 334—Computer and Electronic Product Manufacturing—Con.

Product code	Industry and product description	Unit of measure	Data collected	CIR survey ¹	Products primary ²
334519	OTHER MEASURING AND CONTROLLING DEVICE MANUFACTURING—Con.				
3345197	COMMERCIAL, GEOPHYSICAL, METEOROLOGICAL, AND GENERAL-PURPOSE INSTRUMENTS AND EQUIPMENT, EXCEPT MEDICAL THERMOMETERS—Con.				
33451971	Commercial, geophysical, meteorological, and general-purpose instruments and equipment, except medical thermometers—Con.				
3345197130	Commercial, geophysical, and meteorological laser systems and equipment		SV	MA334B	
3345197131	Other commercial and industrial instruments (compasses, altimeters, test equipment for hydraulic and pneumatic systems and controls, environmental gas detectors, etc.) (sold separately)		SV	MA334B	
3345197133	Parts and accessories for meteorological and commercial and industrial instruments		SV	MA334B	
3345199	SURVEY AND DRAFTING INSTRUMENTS AND APPARATUS, INCLUDING PHOTOGRAMMETRIC EQUIPMENT				
33451991	Survey and drafting instruments and apparatus, including photogrammetric equipment				
3345199100	Survey and drafting instruments and apparatus, including photogrammetric equipment		SV	MA334B	
3345199101	Surveying instruments (including alidades, transits, plumb bobs, sextants, theodolites, surveyors, compasses, surveyors levels, tapes, etc.)		SV	MA334B	
3345199103	Parts and components for surveying instruments (sold separately)		SV	MA334B	
3345199105	Drafting instruments and machines, manual and automatic (drafting tables, plotting instruments, slide rules, T-squares, drafting templates, rules, etc.)		SV	MA334B	
3345199107	Parts and components for drafting instruments and machines (sold separately)		SV	MA334B	
3345199108	Surveying and drafting laser systems and equipment		SV	MA334B	
3345199109	Photogrammetric and geodetic equipment, excluding cameras		SV	MA334B	
3345199111	Parts and components for photogrammetric and geodetic equipment (sold separately)		SV	MA334B	
334611	SOFTWARE REPRODUCING				
3346110	SOFTWARE REPRODUCING				
33461101	Software reproducing				
3346110100	Software reproducing		SV		
3346110101	Software sold with computer systems shipped by manufacturers, operating system software		SV	MA334R	
3346110102	Software sold with computer systems shipped by manufacturers, utilities and device managers		SV	MA334R	
3346110103	Software sold with computer systems shipped by manufacturers, application software		SV	MA334R	
3346110104	Software sold with computer systems shipped by manufacturers, other software		SV	MA334R	
334612	PRERECORDED COMPACT DISC (EXCEPT SOFTWARE), TAPE, AND RECORD REPRODUCING				
3346120	REPRODUCTION OF RECORDING MEDIA				
33461201	Audio discs, records, and compact discs (CD), full-length				
3346120101	Audio discs, records, and compact discs (CD), full-length		SV		
33461202	Audio tapes, cassette full-length				
3346120201	Audio tapes, cassette full-length		SV		
33461203	Reproduction of video recording media				
3346120301	Video discs, including laser		SV		
3346120303	Video tapes		SV		
33461205	All other reproduction of recording media				
3346120501	Audio discs and records vinyl singles, including 7 and 12 inch		SV		
3346120504	Audio discs and records long playing (LP), excluding digitally mastered records for consumer use		SV		
3346120507	Audio discs and records compact disc (CD) singles-maxisingles		SV		
3346120511	Other audio discs or records, including digitally mastered records for consumer use, and master records used to press commercial records		SV		
3346120514	Audio tapes, cassette singles-maxisingles		SV		
3346120517	Other audio tapes, including 8-track and DAT		SV		
334613	MAGNETIC AND OPTICAL RECORDING MEDIA MANUFACTURING				
3346130	MAGNETIC AND OPTICAL RECORDING MEDIA				
33461301	Magnetic and optical recording media, unrecorded disks				
3346130110	Magnetic and optical recording media, unrecorded disks		SV	MA334R	
3346130111	Magnetic and optical recording media, rigid disks, less than 3 1/2 in.	units	S	MA334R	
33461304	Magnetic and optical recording media, unrecorded tapes, including reels, cassettes, cartridges, and video				
3346130410	Magnetic and optical recording media, unrecorded tapes, including reels, cassettes, cartridges, and video		SV	MA334R	
3346130411	Magnetic and optical recording media, packaged magnetic tape, in reels for computer use	units	S	MA334R	
3346130413	Magnetic and optical recording media, packaged magnetic tape, in cassettes and cartridges for computer use	units	S	MA334R	
3346130415	Magnetic and optical recording media, packaged magnetic tape, in forms suitable for audio use	units	S	MA334R	
3346130417	Magnetic and optical recording media, packaged magnetic tape, in video cassette, 8 mm and 1/2 in.	units	S	MA334R	

See footnotes at end of subsector.

NAICS Subsector 334—Computer and Electronic Product Manufacturing—Con.

Product code	Industry and product description	Unit of measure	Data collected	CIR survey ¹	Products primary ²
334613	MAGNETIC AND OPTICAL RECORDING MEDIA MANUFACTURING—Con.				
3346130	MAGNETIC AND OPTICAL RECORDING MEDIA—Con.				
33461304	Magnetic and optical recording media, unrecorded tapes, including reels, cassettes, cartridges, and video—Con.				
3346130419	Magnetic and optical recording media, packaged magnetic tape, in video cassette, 3/4 in. (19mm) and 2 in. (51mm)	units	S	MA334R	
3346130421	Magnetic and optical recording media, other packaged magnetic tape	units	S	MA334R	
33461306	All other magnetic and optical recording media, unrecorded				
3346130610	All other magnetic and optical recording media, unrecorded		SV	MA334R	
3346130611	Magnetic and optical recording media, flexible disks, 3 1/2 in. up to but not including 5 1/4 in.	units	S	MA334R	
3346130613	Magnetic and optical recording media, flexible disks, 5 1/4 in. and greater	units	S	MA334R	
3346130615	Magnetic and optical recording media, optical disks	units	S	MA334R	
3346130617	Other magnetic recording media, including parts		SV	MA334R	

¹Data for these codes are collected in the Current Industrial Reports (CIR) series bulletins identified.
²For products that are primary to more than one industry, Appendix D contains a listing of related products.