

# NAICS Subsector 334—Computer and Electronic Product Manufacturing

Product code	Industry and product description	Unit of measure	Data collected	CIR survey <sup>1</sup>	Products primary <sup>2</sup>
<b>334111</b>	<b>ELECTRONIC COMPUTERS</b>				
33411111	HOST COMPUTERS, MULTIUSERS (MAINFRAMES, SUPER COMPUTERS, MEDIUM SCALE SYSTEMS, UNIX SERVERS, PC SERVERS)				
33411110	Host computers, multiusers (mainframes, super computers, medium scale systems, UNIX servers, pc servers)				
3341111000	Host computers, multiusers (mainframes, super computers, medium scale systems, UNIX servers, pc servers)		SV		
3341111001	Large-scale systems, including mainframes, super computers	units	S	MA334R	
3341111003	Medium-scale systems (super miniclass) and UNIX servers	units	S	MA334R	
3341111005	PC servers (excluding UNIX servers)	units	S	MA334R	
3341111006	Other host servers	units	S	MA334R	
33411117	SINGLE USER COMPUTERS, MICROPROCESSOR-BASED, CAPABLE OF SUPPORTING ATTACHED PERIPHERALS (PERSONAL COMPUTERS, WORKSTATIONS, PORTABLE COMPUTERS)				
33411170	Single user computers, microprocessor-based capable of supporting attached peripherals (personal computers, workstations, portable computers)				
3341117000	Single user computers, microprocessor-based capable of supporting attached peripherals (personal computers, workstations, portable computers)		SV		
3341117007	Personal computers	units	S	MA334R	
3341117009	Workstations, microprocessor-based, single-user systems	units	S	MA334R	
3341117011	Laptops	units	S	MA334R	
3341117013	Notebooks, subnotebooks	units	S	MA334R	
3341117015	PDA's (personal digital assistants)	units	S	MA334R	
3341117017	Other portables	units	S	MA334R	
3341117019	Other single-user computers	units	S	MA334R	
334111D	OTHER COMPUTERS (ARRAY, ANALOG, HYBRID, OR SPECIAL-USE COMPUTERS)				
334111D0	Other computers, (array, analog, hybrid, or special-use computers)				
334111D000	Other computers, (array, analog, hybrid, or special-use computers)		SV		
334111D021	Other computers (including array and other analog, hybrid, or special-purpose)	units	S	MA334R	
<b>334112</b>	<b>COMPUTER STORAGE DEVICES</b>				
3341121	COMPUTER STORAGE DEVICES (EXCEPT PARTS, ATTACHMENTS, AND ACCESSORIES)				
33411210	Computer storage devices (except parts, attachments, and accessories)				
3341121000	Computer storage devices (except parts, attachments, and accessories)		SV		
3341121001	Rigid magnetic disk drives less than 2 one-half inch	units	S	MA334R	
3341121003	Rigid magnetic disk drives 2 one-half inch to 3 one-half inch	units	S	MA334R	
3341121005	Rigid magnetic disk drives 3 one-half inch to 5 one-fourth inch	units	S	MA334R	
3341121007	Rigid magnetic disk drives greater than 5 one-fourth inch	units	S	MA334R	
3341121009	Disk subsystems and disk arrays for multiuser computer systems	units	S	MA334R	
3341121011	Flexible magnetic disk drives	units	S	MA334R	
3341121013	CD-ROM disk drives, juke-box	units	S	MA334R	
3341121015	CD-ROM disk drives; single-disk equipment	units	S	MA334R	
3341121017	WORM (write once, read many times)	units	S	MA334R	
3341121019	Rewritable optical disk drives	units	S	MA334R	
3341121021	Optical subsystems for multiuser computer systems	units	S	MA334R	
3341121023	Encased or enclosed auxiliary storage	units	S	MA334R	
3341121025	All other auxiliary storage	units	S	MA334R	
3341121027	Other direct access storage equipment	units	S	MA334R	
3341121029	Serial access storage equipment (one-half inch tape drives)	units	S	MA334R	
3341121031	Serial access storage equipment (one-fourth inch tape drives)	units	S	MA334R	
3341121033	Serial access storage equipment (helical scan tape drives)	units	S	MA334R	
3341121035	Serial access storage equipment (cassette tape drives)	units	S	MA334R	
3341121037	All other serial access storage equipment	units	S	MA334R	
3341124	PARTS, ATTACHMENTS, AND ACCESSORIES FOR COMPUTER STORAGE DEVICES				
33411240	Parts, attachments, and accessories for computer storage devices				
3341124000	Parts, attachments, and accessories for computer storage devices		SV		
3341124001	Computer storage parts and subassemblies		SV	MA334R	
<b>334113</b>	<b>COMPUTER TERMINALS</b>				
3341131	COMPUTER TERMINALS (EXCLUDING POINT-OF-SALE AND FUNDS-TRANSFER DEVICES AND PARTS, ATTACHMENTS, AND ACCESSORIES)				
33411310	Computer terminals (excluding point-of-sale and funds-transfer devices and parts, attachments, and accessories)				
3341131000	Computer terminals (excluding point-of-sale and funds-transfer devices and parts, and attachments, and accessories)		SV		
3341131001	Remote batch computer terminals	units	S	MA334R	
3341131003	Teleprinters	units	S	MA334R	
3341131005	Display X-terminals	units	S	MA334R	
3341131007	Display terminals, other than X-terminals (13 inch or less)	units	S	MA334R	
3341131009	Display terminals, other than X-terminals (more than 13 inch but less than 19 inch)	units	S	MA334R	
3341131011	Display terminals, other than X-terminals (more than 19 inch)	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 <sup>1</sup>	Products primary <sup>2</sup>
<b>334113</b>	<b>COMPUTER TERMINALS—Con.</b>				
3341134	PARTS, ATTACHMENTS, AND ACCESSORIES FOR COMPUTER TERMINALS (EXCLUDING POINT-OF-SALE AND FUNDS-TRANSFER DEVICES)				
33411340	Parts, attachments, and accessories for computer terminals (excluding point-of-sale and funds-transfer devices)				
3341134000	Parts, attachments, and accessories for computer terminals (excluding point-of-sale and funds-transfer devices)		SV		
3341134001	Computer terminal parts and subassemblies		SV	MA334R	
<b>334119</b>	<b>OTHER COMPUTER PERIPHERAL EQUIPMENT</b>				
3341191	COMPUTER PERIPHERAL (INPUT-OUTPUT) EQUIPMENT, NEC, EXCEPT PARTS, ATTACHMENTS, AND ACCESSORIES				
33411910	Computer peripheral (input-output) equipment, nec, except parts, attachments, and accessories				
3341191000	Computer peripheral (input-output) equipment, nec, except parts, attachments, and accessories		SV		
3341191001	Keyboards	units		MA334R	
3341191003	All other keying equipment	units		MA334R	
3341191005	Mouse devices	units		MA334R	
3341191007	Digitizers and light pen tablets	units		MA334R	
3341191009	Other manual input devices	units		MA334R	
3341191011	Computer output to microfilm (COM) equipment	units		MA334R	
3341191013	Media copying or conversion equipment	units		MA334R	
3341191015	Bar code devices	units		MA334R	
3341191017	OCR equipment	units		MA334R	
3341191019	Flat bed scanners	units		MA334R	
3341191021	Handheld scanners	units		MA334R	
3341191023	All other optical scanning devices	units		MA334R	
3341191025	Voice recognition equipment	units		MA334R	
3341191027	Magnetic strip and ink recognition equipment	units		MA334R	
3341191029	Other document entry equipment	units		MA334R	
3341191031	Line type impact printers	units		MA334R	
3341191033	Serial type impact printers	units		MA334R	
3341191035	Laser printers	units		MA334R	
3341191037	Inkjet printers	units		MA334R	
3341191039	All other nonimpact printers	units		MA334R	
3341191041	Peripheral sharing devices	units		MA334R	
3341191043	Font cartridges	units		MA334R	
3341191045	Plotters	units		MA334R	
3341191047	Flat panel display monitors	units		MA334R	
3341191049	All other monitors less than 19 inch display	units		MA334R	
3341191051	All other monitors 19 inch or more display	units		MA334R	
3341191053	Monitor screen projection devices	units		MA334R	
3341191055	All other input-output devices	units	SV	MA334R	
3341191057	Accessories for computer peripherals		SV	MA334R	
3341194	PARTS, ATTACHMENTS, AND ACCESSORIES FOR COMPUTER PERIPHERAL (INPUT-OUTPUT) EQUIPMENT, NEC				
33411940	Parts, attachments, and accessories for computer peripheral (input-output) equipment, nec				
3341194000	Parts, attachments, and accessories for computer peripheral (input-output) equipment, nec		SV		
3341194001	Parts and subassemblies for computer peripherals and input-output equipment		SV	MA334R	
3341197	POINT-OF-SALE TERMINALS AND FUNDS-TRANSFER DEVICES				
33411970	Point-of-sale terminals and funds-transfer devices				
3341197000	Point-of-sale terminals and funds-transfer devices		SV		
3341197003	Funds-transfer devices	units	S	MA334R	
3341197007	Point-of-sale terminals	units	S	MA334R	
334119D	OTHER COMPUTER PERIPHERAL EQUIPMENT				
334119D0	Office machinery manufacturing				
334119D000	Parts and attachments for point-of-sale terminals and funds-transfer devices		SV		
<b>334210</b>	<b>TELEPHONE SWITCHING, CARRIER, LINE TELEGRAPH, AND DATA COMMUNICATIONS EQUIPMENT</b>				
3342101	TELEPHONE SWITCHING AND SWITCHBOARD EQUIPMENT				
33421010	Telephone switching and switchboard equipment				
3342101000	Telephone switching and switchboard equipment		SV		
3342101001	Local central office telephone switching and switchboard equipment		SV	MA334P	
3342101003	Toll central office telephone switching and switchboard equipment		SV	MA334P	
3342101011	Private branch exchange telephone switching and switchboard equipment, up to 99 lines		SV	MA334P	
3342101013	Private branch exchange telephone switching and switchboard equipment, 100 to 399 lines		SV	MA334P	
3342101015	Private branch exchange telephone switching and switchboard equipment, 400 to 1,000 lines		SV	MA334P	
3342101017	Private branch exchange telephone switching and switchboard equipment, over 1,000 lines		SV	MA334P	
3342101021	Cellular mobile telephone switching and switchboard equipment		SV	MA334P	
3342101023	Packet switching equipment		SV	MA334P	
3342101025	All other telephone switching and switchboard equipment		SV	MA334P	
3342101099	Parts, components, and subassemblies for telephone switching and switchboard equipment		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 <sup>1</sup>	Products primary <sup>2</sup>
<b>334210</b>	<b>TELEPHONE SWITCHING, CARRIER, LINE TELEGRAPH, AND DATA COMMUNICATIONS EQUIPMENT—Con.</b>				
3342104	TELEPHONE AND TELEGRAPH APPARATUS, CARRIER LINE EQUIPMENT (OFFICE AND LINE REPEATERS AND LINE TERMINATING CARRIER EQUIPMENT) AND NONCONSUMER MODEMS, INCLUDING AUXILIARY SETS				
33421040	Telephone and telegraph apparatus, carrier line equipment (office and line repeaters and line terminating carrier equipment) and nonconsumer modems, including auxiliary sets				
3342104000	Telephone and telegraph apparatus, carrier line equipment (office and line repeaters and line terminating carrier equipment) and nonconsumer modems, including auxiliary sets		SV		
3342104001	Analog repeaters and line transceivers		SV	MA334P	
3342104003	Digital, copper wire repeaters and line transceivers		SV	MA334P	
3342104005	Optical input-output digital repeaters and line transceivers		SV	MA334P	
3342104011	Analog multiplex equipment		SV	MA334P	
3342104013	Digital, copper wire multiplex equipment		SV	MA334P	
3342104015	Optical input-output digital multiplex equipment		SV	MA334P	
3342104021	All other analog subscriber loop carrier terminal and line equipment		SV	MA334P	
3342104023	All other digital, copper wire subscriber loop carrier terminal and line equipment		SV	MA334P	
3342104025	All other optical input-output digital subscriber loop carrier terminal and line equipment		SV	MA334P	
3342104031	All other analog carrier line equipment		SV	MA334P	
3342104033	All other digital carrier line equipment meeting or exceeding T1 standard (1.5 mbps)		SV	MA334P	
3342104035	All other digital carrier line equipment		SV	MA334P	
3342104041	Nonconsumer modems, up through 10,000 bps	units	S	MA334P	
3342104043	Nonconsumer modems, over 10,000 bps	units	S	MA334P	
<b>3342107</b>	<b>OTHER TELEPHONE AND TELEGRAPH (WIRE) APPARATUS, INCLUDING TELEPHONE SETS, TELEPHONE ANSWERING, AND FAX MACHINES</b>				
33421070	Other telephone and telegraph (wire) apparatus, including telephone sets, telephone answering, and fax machines				
3342107000	All other telephone-telegraph (wire) and data communications apparatus, including telephone sets, telephone answering, and fax machines		SV		
3342107001	Single line and ISDN telephone sets	units	S	MA334P	
3342107003	Key telephone sets	units	S	MA334P	
3342107005	Public pay telephone sets	units	S	MA334P	
3342107007	Cordless handset telephone sets	units	S	MA334P	
3342107009	All other telephone sets and accessories	units	S	MA334P	
3342107021	Routers and gateways		SV	MA334P	
3342107023	Bridges		SV	MA334P	
3342107025	Terminal servers		SV	MA334P	
3342107027	Concentrators		SV	MA334P	
3342107029	All other data communications equipment		SV	MA334P	
3342107051	Voice frequency equipment		SV	MA334P	
3342107055	Telephone key systems equipment		SV	MA334P	
3342107059	Video teleconferencing equipment		SV	MA334P	
3342107061	Voice mail equipment		SV	MA334P	
3342107063	Voice response equipment		SV	MA334P	
3342107065	Automated attendance equipment		SV	MA334P	
3342107067	Automatic call distributors		SV	MA334P	
3342107069	All other voice or call processing equipment		SV	MA334P	
3342107091	Facsimile communication equipment		SV	MA334P	
3342107097	All other telephone-telegraph and data communications equipment		SV	MA334P	
3342107099	Parts, components, and subassemblies for telephone-telegraph and data communications equipment		SV	MA334P	
<b>334220</b>	<b>COMMUNICATION SYSTEMS AND BROADCAST AND STUDIO EQUIPMENT</b>				
3342201	COMMUNICATION SYSTEMS AND EQUIPMENT, EXCEPT BROADCAST, BUT INCLUDING MICROWAVE EQUIPMENT, AND SPACE SATELLITES				
33422010	Communication systems and equipment, except broadcast, but including microwave equipment, and space satellites				
3342201000	Communication systems and equipment, except broadcast, but including microwave equipment, and space satellites		SV		
33422011	Fixed radio station communications systems and equipment				
3342201101	Fixed radio station communications systems and equipment		SV	MA334P	
33422012	Mobile communications systems and equipment				
3342201201	Analog cellular communications systems and equipment		SV	MA334P	
3342201204	Digital cellular communications systems and equipment		SV	MA334P	
3342201207	All other conventional and trunked mobile communications systems and equipment		SV	MA334P	
3342201209	All other mobile communications systems and equipment		SV	MA334P	
33422013	All other radio station communications systems and equipment				
3342201301	Amateur radio station communications systems and equipment		SV	MA334P	
3342201303	Broadcast (sound and TV) radio station communications systems and equipment		SV	MA334P	
3342201305	Earth exploration radio station communications systems and equipment		SV	MA334P	
3342201307	Meteorological radio station communications systems and equipment		SV	MA334P	
3342201309	Intersatellite radio station communications systems and equipment		SV	MA334P	
3342201311	Telecommand radio station communications systems and equipment		SV	MA334P	
3342201313	Telemetry radio station communications systems and equipment		SV	MA334P	
3342201315	Radionavigational and locational radio station communications systems and equipment		SV	MA334P	
3342201317	Aeronautical radio station communications systems and equipment		SV	MA334P	
3342201319	All other radio station communications systems and equipment, nec		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 <sup>1</sup>	Products primary <sup>2</sup>
<b>334220</b>	<b>COMMUNICATION SYSTEMS AND BROADCAST AND STUDIO EQUIPMENT—Con.</b>				
3342201	COMMUNICATION SYSTEMS AND EQUIPMENT, EXCEPT BROADCAST, BUT INCLUDING MICROWAVE EQUIPMENT, AND SPACE SATELLITES—Con.				
33422014	All other communications systems and equipment				
3342201401	Checkout, monitoring, evaluation, and other electronic support equipment for communications equipment		SV	MA334P	
3342201405	Antenna systems below 890 MHZ		SV	MA334P	
3342201407	Antenna systems 890 MHZ and above		SV	MA334P	
3342201411	OC-1 fiber optics equipment meeting SONET standards		SV	MA334P	
3342201412	OC-2 and OC-3 fiber optics equipment meeting SONET standards		SV	MA334P	
3342201413	OC-4 up through OC-9 fiber optics equipment meeting SONET standards		SV	MA334P	
3342201414	Fiber optics equipment greater than OC-9 meeting SONET standards		SV	MA334P	
3342201419	Fiber optics equipment not meeting SONET standards		SV	MA334P	
3342201421	All other carrier equipment, nec		SV	MA334P	
3342201425	All other communications systems and equipment		SV	MA334P	
3342203	<b>BROADCAST, STUDIO, AND RELATED ELECTRONIC EQUIPMENT</b>				
33422030	Broadcast, studio, and related electronic equipment				
3342203000	Broadcast, studio, and related electronic equipment		SV	MA334P	
3342203001	Audio amplifiers and preamplifiers	units	S	MA334P	
3342203004	Audio control consoles and switchers	units	S	MA334P	
3342203009	All other broadcast and studio audio equipment		SV	MA334P	
3342203011	Video amplifiers	units	S	MA334P	
3342203014	Video television cameras	units	S	MA334P	
3342203015	Video tape recorders	units	S	MA334P	
3342203019	All other broadcast and studio video equipment		SV	MA334P	
3342203021	AM and FM transmitters		SV	MA334P	
3342203024	TV transmitters		SV	MA334P	
3342203027	All other broadcast transmission line equipment		SV	MA334P	
3342203029	Studio transmission links and remote pickup equipment		SV	MA334P	
3342203032	Cable TV head end equipment		SV	MA334P	
3342203035	Cable TV subscriber converters		SV	MA334P	
3342203038	Cable TV subscriber equipment		SV	MA334P	
3342203041	Cable TV broadcasting transmitting antennae and community antennae systems		SV	MA334P	
3342203044	Closed circuit television systems and equipment		SV	MA334P	
3342203047	All other broadcast, studio, theatre, and commercial sound equipment		SV	MA334P	
3342203051	Magnetic recording and reproducing heads including audio, video, digital, and instrumentation	1,000 units	S	MA334Q	
3342203099	Parts and accessories for broadcast, studio, and related electronic equipment		SV	MA334P	
3342207	<b>MICROWAVE COMPONENTS AND DEVICES, EXCEPT ANTENNAE, TUBES, AND SEMICONDUCTORS</b>				
33422070	Microwave components and devices, except antennae, tubes and semiconductors				
3342207000	Microwave components and devices, except antennae, tubes, and semiconductors		SV		
3342207005	Ferrite microwave components and devices, except antennae, tubes, and semiconductors		SV	MA334Q	
3342207010	Attenuators, dummy loads, high and low power terminations		SV	MA334Q	
3342207015	Cavities		SV	MA334Q	
3342207020	Couplers		SV	MA334Q	
3342207025	Reactive microwave components, nec		SV	MA334Q	
3342207030	Switches, coaxial and waveguide		SV	MA334Q	
3342207035	Rigid waveguide and fittings		SV	MA334Q	
3342207040	Flexible waveguides and fittings		SV	MA334Q	
3342207045	All other microwave components, except ferrite devices		SV	MA334Q	
3342207050	Microwave subassemblies		SV	MA334Q	
<b>334290</b>	<b>ALARM SYSTEMS, TRAFFIC CONTROL EQUIPMENT, AND INTERCOMMUNICATION AND PAGING SYSTEMS</b>				
3342901	<b>ALARM SYSTEMS, INCLUDING ELECTRIC SIRENS AND HORNS</b>				
33429010	Alarm systems, including electric sirens and horns				
3342901000	Alarm systems, including electric sirens and horns		SV		
33429011	Local intrusion detection alarm systems				
3342901101	Local intrusion detection alarm systems		SV	MA334P	
33429012	Central station intrusion detection alarm systems				
3342901201	Central station intrusion detection alarm systems		SV	MA334P	
33429013	Chamber type ionization smoke and heat detection alarms				
3342901301	Chamber type ionization smoke and heat detection alarms		SV	MA334P	
33429014	All other smoke and heat detection alarms, including photo cell type				
3342901401	All other smoke and heat detection alarms, including photo cell type		SV	MA334P	
33429015	Direct connect fire detection and prevention alarm systems				
3342901501	Direct connect fire detection and prevention alarm systems		SV	MA334P	
33429016	All other alarm systems				
3342901601	Direct connect intrusion detection alarm systems		SV	MA334P	
3342901603	Hold-up intrusion detection alarm systems		SV	MA334P	
3342901605	Automotive intrusion detection alarm systems		SV	MA334P	
3342901607	Central station fire detection and prevention alarm systems		SV	MA334P	
3342901609	All other intercommunication and alarm systems		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 <sup>1</sup>	Products primary <sup>2</sup>
<b>334290</b>	<b>ALARM SYSTEMS, TRAFFIC CONTROL EQUIPMENT, AND INTERCOMMUNICATION AND PAGING SYSTEMS—Con.</b>				
3342902	VEHICULAR AND PEDESTRIAN TRAFFIC CONTROL EQUIPMENT, ELECTRIC RAILWAY SIGNALS AND ATTACHMENTS				
33429020	Vehicular and pedestrian traffic control equipment, electric railway signals and attachments				
334290200	Vehicular and pedestrian traffic control equipment, electric railway signals and attachments .....		SV		
33429021	Vehicular and pedestrian traffic control equipment				
3342902101	Vehicular and pedestrian traffic control signal heads .....		SV	MA334P	
3342902103	Vehicular and pedestrian electronic and electromechanical traffic controllers, detectors, and sensors .....		SV	MA334P	
33429022	Electric railway signals and safety control equipment				
3342902201	Electric highway grade railway crossing signals .....		SV	MA334P	
3342902203	All other electric railway signal systems and safety control equipment .....		SV	MA334P	
3342903	INTERCOMMUNICATIONS SYSTEMS, INCLUDING INDUCTIVE PAGING SYSTEMS (SELECTIVE PAGING), EXCEPT TELEPHONE AND TELEGRAPH				
33429030	Intercommunications systems, including inductive paging systems (selective paging), except telephone and telegraph				
3342903000	Intercommunications systems, including inductive paging systems (selective paging), except telephone and telegraph .....		SV		
3342903001	Wired intercommunications systems .....		SV	MA334P	
3342903003	Nonwired intercommunications systems .....		SV	MA334P	
<b>334310</b>	<b>RADIOS, TELEVISION RECEIVERS, HI-FIDELITY COMPONENTS, AND SPEAKERS</b>				
3343101	HOME, PORTABLE, AND AUTOMOBILE RADIOS AND RADIO-PHONOGRAPH-TAPE RECORDER-COMPACT DISC COMBINATIONS				
33431010	Home, portable, and automobile radios and radio-phonograph-tape recorder-compact disc combinations				
3343101000	Home, portable, and automobile radios and radio-phonograph-tape recorder-compact disc combinations .....		SV		
3343101001	Automotive AM-FM radios with tape player combinations .....	units	S	MA334M	
3343101004	All other automotive audio equipment .....	units	S	MA334M	
3343102	TELEVISION RECEIVERS, INCLUDING COMBINATION MODELS				
33431020	Television receivers, including combination models				
3343102000	Television receivers, including combination models .....		SV		
3343102001	Projection television .....	units	S	MA334M	
3343102004	CRT-based color televisions, 50 cm (19.7 inch) and under .....	units	S	MA334M	
3343102007	CRT-based color televisions, over 50 cm (19.7 inch) .....	units	S	MA334M	
3343102011	All other household television .....	units	S	MA334M	
3343103	OTHER CONSUMER AUDIO AND VIDEO EQUIPMENT, INCLUDING AUDIO AND VIDEO RECORDERS AND PLAYERS, CAMCORDERS				
33431030	Other consumer audio and video equipment, including audio and video recorders and players, camcorders				
3343103000	Other consumer audio and video equipment, including audio and video recorders and players, camcorders .....		SV		
3343103001	Compact and video disc players .....	units	S	MA334M	
3343103004	Equalizers .....	units	S	MA334M	
3343103007	Power amplifiers .....	units	S	MA334M	
3343103011	Receivers, tuners, and other consumer audio equipment incorporating radio reception .....	units	S	MA334M	
3343103014	All other consumer audio and video equipment, except speakers .....	units	S	MA334M	
3343104	SPEAKERS, INCLUDING LOUDSPEAKER SYSTEMS AND LOUDSPEAKERS SOLD SEPARATELY, AND COMMERCIAL SOUND EQUIPMENT				
33431040	Speakers, including loudspeaker systems and loudspeakers sold separately, and commercial sound equipment				
3343104000	Speakers, including loudspeaker systems and loudspeakers sold separately, and commercial sound equipment .....		SV		
3343104001	Single loudspeakers mounted in an enclosure .....	units	S	MA334M	
3343104004	Multiple loudspeakers mounted in an enclosure .....	units	S	MA334M	
3343104007	All other loudspeakers, including unmounted, sold separately .....	units	S	MA334M	
3343104011	Microphones .....	units	S	MA334M	
3343104014	Home-type electronic kits designed for consumer assembly .....	units	S	MA334M	
3343104017	Public address systems including musical instrument and amplifiers .....	units	S	MA334M	
<b>334411</b>	<b>ELECTRON TUBES</b>				
3344111	TRANSMITTAL, INDUSTRIAL, AND SPECIAL-PURPOSE ELECTRON TUBES (EXCEPT X-RAY)				
33441110	Transmittal, industrial, and special-purpose electrons (except x-ray)				
3344111000	Transmittal, industrial, and special-purpose electron tubes, except x-ray .....		SV		
33441111	Power and special-purpose tubes				
3344111105	High vacuum tubes .....	1,000 units	S	MA334Q	
3344111110	Gas and vapor tubes .....	1,000 units	S	MA334Q	
3344111115	Klystrons, including amplifier, reflex, and all other tubes .....	1,000 units	S	MA334Q	
3344111120	Magnetrons .....	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 <sup>1</sup>	Products primary <sup>2</sup>
<b>334411</b>	<b>ELECTRON TUBES—Con.</b>				
33441111	TRANSMITTAL, INDUSTRIAL, AND SPECIAL-PURPOSE ELECTRON TUBES (EXCEPT X-RAY)—Con.				
33441112	Travelling wave tubes (TWT)				
3344111225	Continuous forward traveling wave tubes, up to and including 10 watts . . . .	units	S	MA334Q	
3344111230	Continuous forward traveling wave tubes, over 10 watts . . . . .	units	S	MA334Q	
3344111235	Pulsed power forward traveling wave tubes, up to 1 kW . . . . .	units	S	MA334Q	
3344111240	Pulsed power forward traveling wave tubes, over 1 kW . . . . .	units	S	MA334Q	
3344111265	Backward travelling wave . . . . .	units	S	MA334Q	
33441113	Miscellaneous special-purpose tubes				
3344111345	Camera tubes, photo emissive and photo conductive . . . . .	1,000 units	S	MA334Q	
3344111350	Image intensifiers and converters . . . . .	1,000 units	S	MA334Q	
3344111355	Photo multipliers and other . . . . .	1,000 units	S	MA334Q	
3344111360	Light emitting devices . . . . .	1,000 units	S	MA334Q	
3344111370	Miscellaneous special-purpose tubes . . . . .		SV	MA334Q	
33441114	RECEIVING-TYPE ELECTRON TUBES, INCLUDING CATHODE RAY (NEW AND REBUILT)				
334411140	Receiving-type electron tubes, including cathode ray (new and rebuilt)				
3344114000	Receiving-type electron tubes, including cathode ray (new and rebuilt) . . . . .		SV		
3344114005	Receiving type electron tubes, all types, including rebuilt . . . . .	1,000 units	S	MA334Q	
3344114010	Color television tubes, including rebuilt, with video display 50 cm (20 inches) and under . . . . .	1,000 units	S	MA334Q	
3344114015	Color television tubes, including rebuilt, with video display over 50 cm (21 inches) to 63 cm (25 inches) . . . . .	1,000 units	S	MA334Q	
3344114020	Color television tubes, including rebuilt, with video display over 63 cm (26 inches) . . . . .	1,000 units	S	MA334Q	
3344114025	All other rebuilt color television tubes, and new and rebuilt black and white . . . . .	1,000 units	S	MA334Q	
33441117	ELECTRON TUBE PARTS				
33441170	Electron tube parts				
3344117000	Electron tube parts . . . . .		SV		
3344117030	Electron tube parts, except glass blanks . . . . .		SV	MA334Q	
<b>334412</b>	<b>PRINTED CIRCUIT BOARDS</b>				
3344120	PRINTED CIRCUIT (WIRING) BOARDS				
33441200	Printed circuit (wiring) boards				
3344120000	Printed circuit (wiring) boards . . . . .		SV		
33441201	Single-sided glass printed circuit (wiring) boards				
3344120105	Single-sided glass printed circuit (wiring) boards . . . . .		SV	MA334Q	
33441202	Double-sided glass printed circuit (wiring) boards				
3344120210	Double-sided glass printed circuit (wiring) boards . . . . .		SV	MA334Q	
33441203	Multilayer glass printed circuit (wiring) boards				
3344120315	Multilayer glass printed circuit (wiring) boards . . . . .		SV	MA334Q	
33441204	Other printed circuit (wiring) boards				
3344120420	Single-sided flex printed circuit (wiring) boards . . . . .		SV	MA334Q	
3344120425	Double-sided flex printed circuit (wiring) boards . . . . .		SV	MA334Q	
3344120430	Multilayer flex and rigid-flex printed circuit (wiring) boards . . . . .		SV	MA334Q	
3344120435	All paper-mat-composite printed circuit (wiring) boards . . . . .		SV	MA334Q	
3344120440	Other substitute printed circuit (wiring) boards . . . . .		SV	MA334Q	
33441205	Receipts for contract work on printed circuit boards				
3344120545	Receipts for contract work on printed circuit boards . . . . .		SV	MA334Q	
<b>334413</b>	<b>SEMICONDUCTORS AND RELATED DEVICES</b>				
3344131	INTEGRATED MICROCIRCUITS, INCLUDING SEMICONDUCTOR NETWORKS, MICROPROCESSORS, AND MOS MEMORIES				
33441310	Integrated microcircuits, including semiconductor networks, microprocessors, and MOS memories				
3344131000	Integrated microcircuits, including semiconductor networks, microprocessors, and MOS memories . . . . .		SV		
3344131003	Nondigital silicon monolithic integrated circuits, all other analog . . . . .	1,000 units	S	MA334Q	
3344131006	Nondigital silicon monolithic integrated circuits, all other logic and mixed signal . . . . .	1,000 units	S	MA334Q	
3344131009	All other nondigital silicon monolithic integrated circuits . . . . .	1,000 units	S	MA334Q	
3344131012	All other integrated microcircuit packages . . . . .	1,000 units	S	MA334Q	
3344131015	Static read-write random access (SRAM) . . . . .	1,000 units	S	MA334Q	
3344131018	Hybrid radio frequency integrated circuits . . . . .	1,000 units	S	MA334Q	
3344131021	All other memory bipolar transistors . . . . .	1,000 units	S	MA334Q	
3344131024	Transistor-transistor logic (TTL) . . . . .	1,000 units	S	MA334Q	
3344131027	Emitter coupled logic (ECL) . . . . .	1,000 units	S	MA334Q	
3344131030	All other bipolar transistors . . . . .	1,000 units	S	MA334Q	
3344131033	All other microprocessors . . . . .	1,000 units	S	MA334Q	
3344131036	Memory monolithic integrated circuits, digital, nonsilicon . . . . .	1,000 units	S	MA334Q	
3344131039	Complementary BiMOS (BiCMOS) memory . . . . .	1,000 units	S	MA334Q	
3344131042	All other complementary BiMOS (BiCMOS) . . . . .	1,000 units	S	MA334Q	
3344131045	All other digital silicon integrated circuits . . . . .	1,000 units	S	MA334Q	
3344131048	Logic and all other monolithic integrated circuits, digital, nonsilicon . . . . .	1,000 units	S	MA334Q	
3344131051	All other hybrid integrated circuits . . . . .	1,000 units	S	MA334Q	
3344131054	Microprocessors having an internal data bus of 8 bits or less . . . . .	1,000 units	S	MA334Q	
3344131057	Microprocessors having an internal data bus of 16 bits . . . . .	1,000 units	S	MA334Q	
3344131060	Microprocessors having an internal data bus of 32 bits or more . . . . .	1,000 units	S	MA334Q	
3344131062	Nondigital silicon monolithic integrated circuits, radio frequency . . . . .	1,000 units	S	MA334Q	
3344131064	Volatile memory DRAMS not over 80k . . . . .	1,000 units	S	MA334Q	
3344131066	Volatile memory DRAMS 80k to 300k . . . . .	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 <sup>1</sup>	Products primary <sup>2</sup>
<b>334413</b>	<b>SEMICONDUCTORS AND RELATED DEVICES—Con.</b>				
3344131	INTEGRATED MICROCIRCUITS, INCLUDING SEMICONDUCTOR NETWORKS, MICROPROCESSORS, AND MOS MEMORIES—Con.				
33441310	Integrated microcircuits, including semiconductor networks, microprocessors, and MOS memories—Con.				
3344131000	Integrated microcircuits, including semiconductor networks, microprocessors, and MOS memories—Con.				
3344131068	Volatile memory DRAMS 300k to 3MB	1,000 units	S	MA334Q	
3344131070	Volatile memory DRAMS 3MB to 15MB	1,000 units	S	MA334Q	
3344131072	Volatile memory DRAMS over 15MB	1,000 units	S	MA334Q	
3344131074	Nonvolatile EPROMs not over 80k	1,000 units	S	MA334Q	
3344131076	Nonvolatile EPROMs 80k to 900k	1,000 units	S	MA334Q	
3344131078	Nonvolatile EPROMs over 900k	1,000 units	S	MA334Q	
3344131080	All other nonvolatile memory	1,000 units	S	MA334Q	
3344131082	Volatile memory SRAMS not over 40k	1,000 units	S	MA334Q	
3344131084	Volatile memory SRAMS 40k to 80k	1,000 units	S	MA334Q	
3344131086	Volatile memory SRAMS 80k to 300k	1,000 units	S	MA334Q	
3344131088	Volatile memory SRAMS 300k to 3MB	1,000 units	S	MA334Q	
3344131090	Volatile memory SRAMS over 3MB	1,000 units	S	MA334Q	
3344131092	Nonvolatile EEPROMs not over 80k	1,000 units	S	MA334Q	
3344131094	Nonvolatile EEPROMs 80k to 900k	1,000 units	S	MA334Q	
3344131096	Nonvolatile EEPROMs over 900k	1,000 units	S	MA334Q	
3344134	<b>TRANSISTORS</b>				
33441340	Transistors				
3344134000	Transistors		SV		
3344134005	Signal transistors (less than 1 watt dissipation)		SV	MA334Q	
3344134010	Power transistors (1 watt or greater dissipation)		SV	MA334Q	
3344137	<b>DIODES AND RECTIFIERS</b>				
33441370	Diodes and rectifiers				
3344137000	Diodes and rectifiers		SV		
3344137005	Selenium rectifiers	1,000 units	S	MA334Q	
3344137010	Signal diodes and assemblies thereof (maximum current 0.5 amps)	1,000 units	S	MA334Q	
3344137015	Semiconductor rectifiers-power diodes and assemblies	1,000 units	S	MA334Q	
3344137020	Microwave diodes	1,000 units	S	MA334Q	
3344137025	Zener diodes	1,000 units	S	MA334Q	
334413A	<b>OTHER SEMICONDUCTOR DEVICES, INCLUDING SEMICONDUCTOR PARTS SUCH AS CHIPS, WAFERS, AND HEAT SINKS</b>				
334413A0	Other semiconductor devices, including semiconductor parts, such as chips, wafers, and heat sinks				
334413A000	Other semiconductor devices, including semiconductor parts, such as chips, wafers, and heat sinks		SV		
334413A005	Solar cells		SV	MA334Q	
334413A010	Photovoltaic modules		SV	MA334Q	
334413A015	Discrete LEDs, infrared and laser		SV	MA334Q	
334413A020	Alpha or numeric display LEDs		SV	MA334Q	
334413A025	Photodiodes		SV	MA334Q	
334413A030	Optical coupled isolators, including sensors and emitters		SV	MA334Q	
334413A035	Other light sensitive and light-emitting devices		SV	MA334Q	
334413A040	Thyristors (SCRs, triacs, PNP diodes)		SV	MA334Q	
334413A045	Hall effect devices		SV	MA334Q	
334413A050	All other semiconductor devices		SV	MA334Q	
334413A055	Chips and wafers for integrated circuits (ICs)		SV	MA334Q	
334413A060	Chips and wafers for discrete semiconductors		SV	MA334Q	
334413A065	All other semiconductor parts		SV	MA334Q	
<b>334414</b>	<b>ELECTRONIC CAPACITORS</b>				
3344140	<b>CAPACITORS FOR ELECTRONIC CIRCUITRY</b>				
33441400	Capacitors for electronic circuitry				
3344140000	Capacitors for electronic circuitry		SV		
33441401	Fixed Ac capacitors				
3344140103	Fixed Ac capacitors less than 300 volts	1,000 units	S	MA334Q	
3344140106	Fixed Ac capacitors 300 volts to 599 volts	1,000 units	S	MA334Q	
3344140109	Fixed Ac capacitors 600 volts to 999 volts	1,000 units	S	MA334Q	
3344140112	Fixed Ac capacitors over 1,000 volts	1,000 units	S	MA334Q	
33441402	Fixed Dc capacitors				
3344140215	Dc capacitors, reactive power handling capacity of 0.5 KVAR or less, axial lead	1,000 units	S	MA334Q	
3344140218	Dc capacitors, reactive power handling capacity of 0.5 KVAR or less, radial lead	1,000 units	S	MA334Q	
3344140221	Dc capacitors, reactive power handling capacity of 0.5 KVAR or less, chips and other leaded devices	1,000 units	S	MA334Q	
33441403	Tantalum electrolytic capacitors				
3344140324	Metal case tantalum electrolytic capacitors	1,000 units	S	MA334Q	
3344140327	Dipped tantalum electrolytic capacitors	1,000 units	S	MA334Q	
3344140330	Tantalum electrolytic capacitor chips	1,000 units	S	MA334Q	
3344140333	All other leaded tantalum electrolytic capacitors	1,000 units	S	MA334Q	
33441404	Aluminum electrolytic capacitors				
3344140436	Aluminum electrolytic capacitors 18mm to 35mm	1,000 units	S	MA334Q	
3344140439	Aluminum electrolytic capacitors 35mm to 51mm	1,000 units	S	MA334Q	
3344140442	Aluminum electrolytic capacitors over 51mm	1,000 units	S	MA334Q	
3344140445	Ac motor start aluminum electrolytic capacitors	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 <sup>1</sup>	Products primary <sup>2</sup>
<b>334414</b>	<b>ELECTRONIC CAPACITORS—Con.</b>				
3344140	CAPACITORS FOR ELECTRONIC CIRCUITRY—Con.				
33441405	Ceramic dielectric capacitors				
3344140548	Ceramic dielectric, single layer capacitors, chips .....	1,000 units	S	MA334Q	
3344140551	Ceramic dielectric, multilayer capacitors, axial leads .....	1,000 units	S	MA334Q	
3344140554	Ceramic dielectric, single layer capacitors, axial and radial .....	1,000 units	S	MA334Q	
3344140557	Ceramic dielectric, multilayer capacitors, radial leads .....	1,000 units	S	MA334Q	
3344140560	Ceramic dielectric, multilayer capacitors, chips .....	1,000 units	S	MA334Q	
33441406	All other fixed capacitors				
3344140663	All other fixed capacitors, mica dielectric .....	1,000 units	S	MA334Q	
3344140666	All other fixed capacitors .....	1,000 units	S	MA334Q	
33441407	Variable capacitors				
3344140769	Variable capacitors; mica, ceramic, or glass dielectric .....	1,000 units	S	MA334Q	
3344140772	All other variable capacitors .....	1,000 units	S	MA334Q	
33441408	Parts of capacitors				
3344140875	Parts of capacitors .....		SV	MA334Q	
<b>334415</b>	<b>ELECTRONIC RESISTORS</b>				
3344150	RESISTORS FOR ELECTRONIC CIRCUITRY				
33441500	Resistors for electronic circuitry				
3344150000	Resistors for electronic circuitry .....		SV		
33441501	Fixed carbon resistors, composition or film types				
3344150104	Fixed carbon resistors, composition or film types .....	1,000 units	S	MA334Q	
33441502	Other fixed resistors (power capacity 20W or less)				
3344150208	Flat resistor chips .....	1,000 units	S	MA334Q	
3344150212	Cylindrical leadless resistors .....	1,000 units	S	MA334Q	
3344150216	Dual-in-line package surface mounted resistors .....	1,000 units	S	MA334Q	
3344150220	All other surface mounted resistors .....	1,000 units	S	MA334Q	
3344150224	Wirewound resistors .....	1,000 units	S	MA334Q	
3344150228	All other two-lead resistors .....	1,000 units	S	MA334Q	
3344150232	Resistor networks, having more than two leads; single-in-line .....	1,000 units	S	MA334Q	
3344150236	Resistor networks, having more than two leads; dual-in-line .....	1,000 units	S	MA334Q	
3344150240	All other resistor networks, having more than two leads .....	1,000 units	S	MA334Q	
33441503	Variable resistors, nonwirewound				
3344150344	Single-turn, carbon and other film variable trimmers .....	1,000 units	S	MA334Q	
3344150348	Multiturn, carbon and other film variable trimmers .....	1,000 units	S	MA334Q	
3344150352	Precision potentiometers .....	1,000 units	S	MA334Q	
3344150356	Surface mounted trimmers .....	1,000 units	S	MA334Q	
3344150360	Panel potentiometers .....	1,000 units	S	MA334Q	
33441504	Variable resistors, wirewound				
3344150464	Precision variable wirewound potentiometers .....	1,000 units	S	MA334Q	
3344150468	Variable wirewound, except potentiometers .....	1,000 units	S	MA334Q	
3344150472	Panel variable wirewound potentiometers .....	1,000 units	S	MA334Q	
33441505	Miscellaneous resistors				
3344150576	Varistors .....	1,000 units	S	MA334Q	
3344150580	Thermistors, bead type, disc, rod .....	1,000 units	S	MA334Q	
33441506	Parts for resistors				
3344150684	Parts for resistors .....		SV	MA334Q	
<b>334416</b>	<b>ELECTRONIC COILS, TRANSFORMERS, AND OTHER INDUCTORS</b>				
3344160	ELECTRONIC COILS, TRANSFORMERS, AND OTHER INDUCTORS				
33441600	Electronic coils, transformers, and other inductors				
3344160000	Electronic coils, transformers, and other inductors .....		SV		
3344160005	Radio frequency (RF) chokes .....	1,000 units	S	MA334Q	
3344160010	Radio frequency (RF) coils .....	1,000 units	S	MA334Q	
3344160015	Intermediate frequency (IF) transformers .....	1,000 units	S	MA334Q	
3344160020	Audio frequency (AF) transformers .....	1,000 units	S	MA334Q	
3344160025	Low frequency (LF) chokes .....	1,000 units	S	MA334Q	
3344160030	Plate and filament transformers .....	1,000 units	S	MA334Q	
3344160035	Pulse transformers, computer, and other types .....	1,000 units	S	MA334Q	
3344160040	Television transformers and reactors .....	1,000 units	S	MA334Q	
3344160041	Portable instrument transformers .....		SV	MA334B	
3344160045	Toroidal windings (transformers and reactors) .....	1,000 units	S	MA334Q	
3344160050	All other coils, transformers, reactors and chokes .....		SV	MA334Q	
3344160090	Telephone transformers .....		SV	MA334P	
<b>334417</b>	<b>ELECTRONIC CONNECTORS</b>				
3344171	COAXIAL (RF) CONNECTORS FOR ELECTRONIC CIRCUITRY				
33441710	Coaxial (RF) connectors for electronic circuitry				
3344171000	Coaxial (RF) connectors for electronic circuitry .....		SV		
3344171005	Subminiature coaxial connectors (SMA, SMB, SMC) .....	1,000 units	S	MA334Q	
3344171010	Miniature coaxial connectors (BNC, PNC, MHB) .....	1,000 units	S	MA334Q	
3344171015	All other standard and precision coaxial connectors .....	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 <sup>1</sup>	Products primary <sup>2</sup>
<b>334417</b>	<b>ELECTRONIC CONNECTORS—Con.</b>				
3344174	CYLINDRICAL CONNECTORS FOR ELECTRONIC CIRCUITRY				
33441740	Cylindrical connectors for electronic circuitry				
3344174000	Cylindrical connectors for electronic circuitry .....		SV		
3344174005	Heavy duty and standard cylindrical connectors .....	1,000 units	S	MA334Q	
3344174010	Miniature cylindrical connectors .....	1,000 units	S	MA334Q	
3344174015	Subminiature cylindrical connectors .....	1,000 units	S	MA334Q	
3344177	RACK AND PANEL (RECTANGULAR) CONNECTORS FOR ELECTRONIC CIRCUITRY				
33441770	Rack and panel (rectangular) connectors for electronic circuitry				
3344177000	Rack and panel (rectangular) connectors for electronic circuitry .....		SV		
3344177005	Integral shell rack and panel connectors .....	1,000 units	S	MA334Q	
3344177010	Subminiature ribbon rack and panel connectors .....	1,000 units	S	MA334Q	
3344177015	D-subminiature rack and panel connectors .....	1,000 units	S	MA334Q	
3344177020	Microminiature rack and panel connectors .....	1,000 units	S	MA334Q	
334417A	PRINTED CIRCUIT CONNECTORS FOR ELECTRONIC CIRCUITRY				
334417A0	Printed circuit connectors for electronic circuitry				
334417A000	Printed circuit connectors for electronic circuitry .....		SV		
334417A005	Printed circuit card insertion connectors .....	1,000 units	S	MA334Q	
334417A010	Two-piece post printed circuit connectors .....	1,000 units	S	MA334Q	
334417A015	All other two-piece printed circuit connectors .....	1,000 units	S	MA334Q	
334417D	OTHER CONNECTORS FOR ELECTRONIC CIRCUITRY, INCLUDING PARTS				
334417D0	Other connectors for electronic circuitry, including parts				
334417D000	Other connectors for electronic circuitry, including parts .....		SV		
334417D005	Hermetic sealed connectors .....	1,000 units	S	MA334Q	
334417D010	Plate module connectors .....	1,000 units	S	MA334Q	
334417D015	Fiber optic connectors .....	1,000 units	S	MA334Q	
334417D020	Miscellaneous special-purpose connectors .....	1,000 units	S	MA334Q	
334417D025	Parts for connectors .....		SV	MA334Q	
334417D030	All other planar cable .....	1,000 units	S	MA334Q	
<b>334418</b>	<b>PRINTED CIRCUITS AND ELECTRONICS SUBASSEMBLIES</b>				
3344184	PRINTED CIRCUIT, ELECTRONIC ASSEMBLIES				
33441840	Printed circuit-electronic assembly manufacturing				
3344184000	External consumer modems .....		SV		
3344184001	External consumer modems, up through 10,000 bps .....	units	S	MA334P	
3344184003	External consumer modems, over 10,000 bps .....	units	S	MA334P	
334418A	PRINTED CIRCUIT ASSEMBLIES, LOADED BOARDS OR MODULES (PRINTED CIRCUIT BOARDS WITH INSERTED ELECTRONIC COMPONENTS)				
334418A0	Printed circuit assemblies, loaded boards or modules (printed circuit boards with inserted electronic components)				
334418A000	Printed circuit assemblies, loaded boards or modules (printed circuit boards with inserted electronic components) .....		SV		
334418A005	Computer and peripheral printed board assemblies .....		SV	MA334R	
334418A010	Communications printed board assemblies .....		SV	MA334R	
334418A015	Industrial process control board assemblies .....		SV	MA334R	
334418A020	Instrumentation printed board assemblies, except industrial .....		SV	MA334R	
334418A025	Search and detection printed board assemblies .....		SV	MA334R	
334418A030	Consumer electronics printed board assemblies .....		SV	MA334R	
334418A035	Other electronics, printed board assemblies .....		SV	MA334R	
<b>334419</b>	<b>OTHER ELECTRONIC COMPONENTS</b>				
3344191	CRYSTALS, FILTERS, PIEZOELECTRIC, AND OTHER RELATED ELECTRONIC DEVICES, EXCEPT MICROWAVE FILTERS				
33441910	Crystals, filters, piezoelectric, and other related electronic devices, except microwave filters				
3344191000	Crystals, filters, piezoelectric, and other related electronic devices, except microwave filters .....		SV		
33441911	Filters, except microwave				
3344191105	Mechanical filters .....	1,000 units	S	MA334Q	
3344191110	Ceramic dielectric radio frequency interference-electromagnetic interference control filters .....	1,000 units	S	MA334Q	
3344191115	Combination or other dielectric radio frequency interference-electromagnetic interference control filters .....	1,000 units	S	MA334Q	
3344191120	Electronic wave filters .....	1,000 units	S	MA334Q	
33441912	Piezoelectric devices				
3344191225	AT-cut oscillator crystals .....	1,000 units	S	MA334Q	
3344191230	All other oscillator crystals .....	1,000 units	S	MA334Q	
3344191235	Oven crystal oscillators .....	1,000 units	S	MA334Q	
3344191240	TCXO-VCXO crystal oscillators .....	1,000 units	S	MA334Q	
3344191245	Hybrid crystal oscillators .....	1,000 units	S	MA334Q	
3344191250	All other crystal oscillators .....	1,000 units	S	MA334Q	
3344191255	Monolithic crystal filters .....	1,000 units	S	MA334Q	
3344191260	Packaged AT-cut crystal filters .....	1,000 units	S	MA334Q	
3344191265	All other crystal filters .....	1,000 units	S	MA334Q	
3344191270	AT-cut crystal blanks .....	1,000 units	S	MA334Q	
3344191275	All other crystal blanks .....	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 <sup>1</sup>	Products primary <sup>2</sup>
<b>334419</b>	<b>OTHER ELECTRONIC COMPONENTS—Con.</b>				
3344194	TRANSDUCERS, ELECTRICAL-ELECTRONIC INPUT OR OUTPUT, NEC				
33441940	Transducers, electrical-electronic input or output, nec				
3344194000	Transducers, electrical-electronic input or output, nec		SV		
3344194005	Electroacoustic transducers	1,000 units	S	MA334Q	
3344194010	Accelerometers	1,000 units	S	MA334Q	
3344194015	Pressure transducers	1,000 units	S	MA334Q	
3344194020	Strain gauges and all other mechanical transducers	1,000 units	S	MA334Q	
3344194025	Thermoelectric	1,000 units	S	MA334Q	
3344194030	All other transducers	1,000 units	S	MA334Q	
3344197	SWITCHES, MECHANICAL, FOR ELECTRONIC CIRCUITRY				
33441970	Switches, mechanical, for electronic circuitry				
3344197000	Switches, mechanical, for electronic circuitry		SV		
3344197005	Toggle standard switches		SV	MA334Q	
3344197010	Toggle miniature and subminiature switches		SV	MA334Q	
3344197015	Membrane switches		SV	MA334Q	
3344197020	Slide switches		SV	MA334Q	
3344197025	Rotary switches		SV	MA334Q	
3344197030	Keyboard switches		SV	MA334Q	
3344197035	Pushbutton switches		SV	MA334Q	
3344197040	Snap-action switches		SV	MA334Q	
3344197045	Thumbwheel switches		SV	MA334Q	
3344197050	DIP switches		SV	MA334Q	
3344197055	All other switches		SV	MA334Q	
334419D	ELECTRONIC COMPONENTS, NEC				
334419D1	Electronic components, nec				
334419D101	Earphones and headsets (except telephone), phonograph cartridges and pickups, and phonograph needles and styli		SV		
334419D106	All other electronic components, nec		SV		
334419D108	Home antenna	1,000 units	S	MA334Q	
334419D110	Auto antenna	1,000 units	S	MA334Q	
334419D115	Antenna accessories, sold separately		SV	MA334Q	
334419D2	Delay lines				
334419D220	Delay lines	1,000 units	S	MA334Q	
334419D3	Oscillators, except instrumentation and crystal types				
334419D325	Oscillators, except instrumentation and crystal types	1,000 units	S	MA334Q	
334419D5	Static power supplies for electronic applications, sold separately				
334419D530	Regulated static power supply converters for electronic applications	1,000 units	S	MA334Q	
334419D535	All other static power supply converters for electronic applications		SV	MA334Q	
334419D6	Electronic cable harnesses and cable assemblies				
334419D640	Electronic cable harnesses and cable assemblies		SV	MA334Q	
334419D7	Cryogenic cooling devices (cryostats, etc.) for infrared detectors, masers				
334419D745	Cryogenic cooling devices (cryostats, etc.) for infrared detectors, masers		SV	MA334Q	
334419D8	Liquid crystal displays (LCD) and other liquid devices				
334419D850	Liquid crystal displays (LCD) and other liquid devices		SV	MA334Q	
334419D9	Magnetic cores				
334419D955	Magnetic cores		SV	MA334Q	
334419DA	Sockets for electronic component insertion				
334419DA60	All other sockets for electronic component insertion		SV	MA334Q	
334419DA65	Integrated circuit sockets		SV	MA334Q	
334419DB	All other electronic parts and specialized electronic hardware, nec				
334419DB70	All other electronic parts and specialized electronic hardware, nec		SV	MA334Q	
<b>334510</b>	<b>ELECTROMEDICAL AND ELECTROTHERAPEUTIC APPARATUS</b>				
3345101	ELECTROMEDICAL EQUIPMENT (DIAGNOSTIC, THERAPEUTIC, PATIENT MONITORING, ETC.), EXCLUDING IONIZING RADIATION EQUIPMENT AND HEARING AIDS				
33451010	Electromedical equipment (diagnostic, therapeutic, patient monitoring, etc.), excluding ionizing radiation equipment and hearing aids				
3345101000	Electromedical equipment (diagnostic, therapeutic, patient monitoring, etc.), excluding ionizing radiation equipment and hearing aids		SV		
33451011	Medical diagnostic equipment				
3345101103	Medical diagnostic magnetic resonance imaging equipment (MRI)	number	S	MA334S	
3345101106	Medical diagnostic ultrasound scanning devices	number	S	MA334S	
3345101109	Medical diagnostic electrocardiograph (EKG) equipment	number	S	MA334S	
3345101112	Medical diagnostic electroencephalograph (EEG) and electromyograph (EMG) equipment	number	S	MA334S	
3345101115	Medical diagnostic audiological equipment		SV	MA334S	
3345101118	Medical diagnostic endoscopic equipment (bronchoscope, cystoscope, proctosigmoidoscope, colonoscope, etc.)	number	S	MA334S	
3345101121	Medical diagnostic respiratory analysis equipment	number	S	MA334S	
3345101124	All other medical diagnostic equipment		SV	MA334S	

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 <sup>1</sup>	Products primary <sup>2</sup>
<b>334510</b>	<b>ELECTROMEDICAL AND ELECTROTHERAPEUTIC APPARATUS—Con.</b>				
3345101	ELECTROMEDICAL EQUIPMENT (DIAGNOSTIC, THERAPEUTIC, PATIENT MONITORING, ETC.), EXCLUDING IONIZING RADIATION EQUIPMENT AND HEARING AIDS—Con.				
33451012	Medical therapy and patient monitoring equipment				
3345101227	Medical patient intensive care-coronary care units, including component modules such as temperature, blood pressure, and pulse monitoring equipment . . . . .		SV	MA334S	
3345101231	Medical prenatal monitoring equipment . . . . .		SV	MA334S	
3345101234	Medical patient respiratory monitoring equipment . . . . .		SV	MA334S	
3345101237	All other patient monitoring equipment . . . . .		SV	MA334S	
3345101241	Medical ultrasound therapy equipment . . . . .		SV	MA334S	
3345101244	Medical therapy pacemakers . . . . .	number	S	MA334S	
3345101247	Medical therapy defibrillators . . . . .	number	S	MA334S	
3345101251	Medical therapy dialyzers (includes machines and equipment) . . . . .		SV	MA334S	
3345101254	Medical therapy laser equipment . . . . .		SV	MA334S	
3345101257	All other medical therapy equipment . . . . .		SV	MA334S	
33451013	Surgical systems and other electromedical equipment, except diagnostic and therapeutic				
3345101361	Medical electrosurgical equipment . . . . .		SV	MA334S	
3345101364	Medical heart-lung machines (excluding iron lungs) . . . . .	number	S	MA334S	
3345101367	Medical blood flow systems . . . . .		SV	MA334S	
3345101371	All other surgical support systems . . . . .		SV	MA334S	
3345101374	Other electromedical equipment, except diagnostic and therapeutic . . . . .		SV	MA334S	
33451014	Electromedical parts and accessories, including diagnostic and therapeutic				
3345101477	Electromedical parts and accessories, including diagnostic and therapeutic . . . . .		SV	MA334S	
<b>3345103</b>	<b>ELECTRONIC HEARING AIDS</b>				
33451031	Electronic hearing aids				
3345103100	Electronic hearing aids, complete units . . . . .		SV		
<b>334511</b>	<b>SEARCH, DETECTION, NAVIGATION, GUIDANCE, AERONAUTICAL, AND NAUTICAL SYSTEMS AND INSTRUMENTS</b>				
3345111	AERONAUTICAL, NAUTICAL, AND NAVIGATIONAL INSTRUMENTS, NOT SENDING OR RECEIVING RADIO SIGNALS				
33451110	Aeronautical, nautical, and navigational instruments, not sending or receiving radio signals				
3345111000	Aeronautical, nautical, and navigational instruments, not sending or receiving radio signals, except engine instruments . . . . .		SV		
33451111	Flight and navigational sensors, transmitters, and displays				
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	All other flight and navigational instruments . . . . .		SV	MA334B	
33451112	Gyroscopes and airframe equipment instruments				
3345111217	Vertical gyroscopes (sold separately) . . . . .	units	S	MA334B	
3345111219	Directional gyroscopes (sold separately) . . . . .	units	S	MA334B	
3345111221	Free torque and untorqued gyroscopes (sold separately) . . . . .		SV	MA334B	
3345111223	Rate, inertial grade gyroscopes (sold separately) . . . . .		SV	MA334B	
3345111225	Rate, noninertial grade gyroscopes (sold separately) . . . . .		SV	MA334B	
3345111227	Airframe equipment instruments, position indicators (mechanical) . . . . .		SV	MA334B	
3345111229	Airframe equipment instruments, hydraulic systems (electrical and mechanical) . . . . .		SV	MA334B	
3345111231	Airframe equipment instruments, cabin environmental measuring and control instruments . . . . .		SV	MA334B	
3345111233	Other aerospace flight instruments, including parts sold separately . . . . .		SV	MA334B	
33451113	Nautical instruments (all types)				
3345111335	Nautical instruments (all types) . . . . .	units	S	MA334B	
33451114	Parts and components for aeronautical, nautical, and navigational instruments, except aircraft engine instruments (sold separately)				
3345111437	Parts and components for aeronautical, nautical, and navigational instruments, except aircraft engine instruments (sold separately) . . . . .		SV	MA334B	
<b>3345113</b>	<b>SEARCH, DETECTION, NAVIGATION, AND GUIDANCE SYSTEMS AND EQUIPMENT</b>				
33451130	Search, detection, navigation, and guidance systems and equipment				
3345113000	Search, detection, navigation, and guidance systems and equipment . . . . .		SV		
33451131	Light reconnaissance, surveillance, IFF electronic systems and equipment, and proximity fuses				
3345113101	Light reconnaissance and surveillance electronic systems and equipment (infrared, ultraviolet, and visible light) . . . . .		SV	MA334B	
3345113103	IFF equipment . . . . .		SV	MA334B	
3345113105	Proximity fuses . . . . .		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 <sup>1</sup>	Products primary <sup>2</sup>
<b>334511</b>	<b>SEARCH, DETECTION, NAVIGATION, GUIDANCE, AERONAUTICAL, AND NAUTICAL SYSTEMS AND INSTRUMENTALS—Con.</b>				
3345113	SEARCH, DETECTION, NAVIGATION, AND GUIDANCE SYSTEMS AND EQUIPMENT—Con.				
33451132	Search, detection, and acquisition radar systems and equipment				
3345113207	Airborne and missile-space radar search, detection, and acquisition systems and equipment . . . . .		SV	MA334B	
3345113209	Ship (marine) radar search, detection, and acquisition systems and equipment . . . . .		SV	MA334B	
3345113211	Ground radar search, detection, and acquisition systems and equipment . .		SV	MA334B	
33451133	Tracking radar systems and equipment				
3345113313	Airborne and missile-space radar tracking systems and equipment . . . . .		SV	MA334B	
3345113315	Ship (marine) radar tracking systems and equipment . . . . .		SV	MA334B	
3345113317	Ground radar tracking systems and equipment . . . . .		SV	MA334B	
3345113319	Instrumentation radar systems and equipment, airborne, missile-space and ship (marine) radar . . . . .		SV	MA334B	
3345113321	Instrumentation radar systems and equipment, ground radar . . . . .		SV	MA334B	
3345113323	Tracking radar systems and equipment, electronic checkout, monitoring, evaluation, and other electronic support equipment . . . . .		SV	MA334B	
33451134	Sonar search, detection, and communication equipment, and electronic warfare systems				
3345113425	Sonar search, detection, tracking and communication systems and equipment, including ASW for surface ship applications . . . . .		SV	MA334B	
3345113427	Sonar search, detection, tracking and communication systems and equipment, including ASW for submarine applications . . . . .		SV	MA334B	
3345113429	Sonar search, detection, tracking and communication systems and equipment, including ASW for airborne . . . . .		SV	MA334B	
3345113431	Sonar search, detection, tracking and communication systems and equipment, including ASW for electronic checkout, monitoring, evaluation, and other electronic support equipment (including submerged) . . . . .		SV	MA334B	
3345113433	Specialized command and control data processing and display equipment (sold separately) . . . . .		SV	MA334B	
3345113435	Search, detection, identification, and tracking systems and equipment, nec . . . . .		SV	MA334B	
3345113437	Electronic warfare and countermeasures systems and equipment, communications and radar jamming equipment . . . . .		SV	MA334B	
3345113439	Electronic warfare and countermeasures systems and equipment, underwater countermeasures equipment . . . . .		SV	MA334B	
3345113441	Electronic warfare and countermeasures systems and equipment, other active countermeasure equipment (excluding passive materials) . . . . .		SV	MA334B	
3345113443	Specialized electronic and communication intelligence equipment . . . . .		SV	MA334B	
33451135	Missile and space vehicle systems equipment				
3345113545	Missile and space vehicle systems equipment, missile-borne and space-vehicle-borne equipment . . . . .		SV	MA334B	
3345113547	Missile and space vehicle systems equipment, nonmissile and space vehicle guidance equipment . . . . .		SV	MA334B	
3345113549	Missile and space vehicle systems equipment, electronic checkout, launching, and other missile and space vehicle support systems . . . . .		SV	MA334B	
33451136	Navigation systems and equipment				
3345113651	Navigation systems and equipment for aircraft, ship and ground navigation; airborne navigational systems; radio receivers and displays . .		SV	MA334B	
3345113653	Navigation systems and equipment for aircraft, ship and ground navigation; airborne navigational systems; integrated data systems-flight recorders . . . . .		SV	MA334B	
3345113655	Navigation systems and equipment for aircraft, ship and ground navigation; airborne navigational systems; distance measuring . . . . .		SV	MA334B	
3345113657	Navigation systems and equipment for aircraft, ship and ground navigation; airborne navigational systems; flight directors-situation display . . . . .		SV	MA334B	
3345113659	Navigation systems and equipment for aircraft, ship and ground navigation; airborne navigational systems; heads-up display (HUD) . . . . .		SV	MA334B	
3345113661	Navigation systems and equipment for aircraft, ship and ground navigation; airborne navigational systems; inertial navigation . . . . .		SV	MA334B	
3345113663	Navigation systems and equipment for aircraft, ship and ground navigation; airborne navigational systems; proximity warning-collision avoidance . . . . .		SV	MA334B	
3345113665	Navigation systems and equipment for aircraft, ship and ground navigation; airborne navigational systems; complete automatic pilots (both gyroscopic and nongyroscopic) . . . . .		SV	MA334B	
3345113667	All other navigation systems and equipment for aircraft, ship and ground navigation; airborne navigational systems . . . . .		SV	MA334B	
3345113669	Navigation systems and equipment for aircraft, ship and ground navigation; surface (ship and ground) navigational systems . . . . .		SV	MA334B	
3345113671	Navigation systems and equipment for aircraft, ship and ground navigation; underwater navigational systems . . . . .		SV	MA334B	
3345113673	Navigation systems and equipment for aircraft, ship and ground navigation; electronic checkout, monitoring, evaluation, and other electronic support equipment . . . . .		SV	MA334B	
<b>334512</b>	<b>ENVIRONMENTAL CONTROLS</b>				
3345120	AUTOMATIC ENVIRONMENTAL CONTROLS FOR MONITORING RESIDENTIAL, COMMERCIAL, AND APPLIANCE USE				
33451200	Automatic environmental controls for monitoring residential, commercial, and appliance use				
3345120000	Automatic environmental controls for monitoring and regulating residential and commercial environments and appliances . . . . .		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 <sup>1</sup>	Products primary <sup>2</sup>
<b>334512</b>	<b>ENVIRONMENTAL CONTROLS—Con.</b>				
3345120	<b>AUTOMATIC ENVIRONMENTAL CONTROLS FOR MONITORING RESIDENTIAL, COMMERCIAL, AND APPLIANCE USE—Con.</b>				
33451201	Controls for monitoring residential and commercial environments and appliance regulating controls				
3345120101	Automatic controls of the type principally used as components of air-conditioning, refrigeration, and comfort heating (including pneumatic controls); electric temperature responsive (thermostats) . . . . .	units	S	MA334B	
3345120103	Automatic controls of the type principally used as components of air-conditioning, refrigeration, and comfort heating (including pneumatic controls); pneumatic temperature responsive (thermostats) . . . . .	units	S	MA334B	
3345120105	Automatic controls of the type principally used as components of air-conditioning, refrigeration, and comfort heating (including pneumatic controls); pressure responsive (pressurestats) . . . . .	units	S	MA334B	
3345120107	Automatic controls of the type principally used as components of air-conditioning, refrigeration, and comfort heating (including pneumatic controls); hydronic responsive . . . . .	units	S	MA334B	
3345120109	Automatic controls of the type principally used as components of air-conditioning, refrigeration, and comfort heating (including pneumatic controls); humidity responsive (humidistats) . . . . .	units	S	MA334B	
3345120111	Automatic controls of the type principally used as components of air-conditioning, refrigeration, and comfort heating (including pneumatic controls); light responsive . . . . .	units	S	MA334B	
3345120113	Automatic controls of the type principally used as components of air-conditioning, refrigeration, and comfort heating (including pneumatic controls); liquid level . . . . .	units	S	MA334B	
3345120115	Automatic controls of the type principally used as components of air-conditioning, refrigeration, and comfort heating (including pneumatic controls); igniters . . . . .	units	S	MA334B	
3345120117	Automatic controls of the type principally used as components of air-conditioning, refrigeration, and comfort heating (including pneumatic controls); inherent motor protectors . . . . .	units	S	MA334B	
33451202	Controls for energy control systems for buildings				
3345120219	Automatic controls of the type principally used as components of ac, refrigeration, and comfort heating (incl pneumatic controls); microprocessor-based load programmers for buildings energy control . . .	units	S	MA334B	
3345120221	Automatic controls of the type principally used as components of air-conditioning, refrigeration, and comfort heating (including pneumatic controls); computerized energy control systems for buildings . . . . .	units	S	MA334B	
3345120223	Other automatic controls of the type principally used as components of air-conditioning, refrigeration, and comfort heating (including pneumatic controls) . . . . .		SV	MA334B	
3345120225	Controls for major appliances; temperature responsive . . . . .	units	S	MA334B	
3345120227	All other controls for major appliances . . . . .	units	S	MA334B	
3345120229	Parts and components for controls for monitoring residential and commercial environments and appliance regulating controls (sold separately) . . . . .		SV	MA334B	
<b>334513</b>	<b>PROCESS CONTROL INSTRUMENTS</b>				
3345130	<b>PROCESS CONTROL INSTRUMENTS</b>				
33451300	Process control instruments				
3345130000	Process control instruments . . . . .		SV		
33451301	General-purpose control systems, instruments, and related equipment				
3345130101	General-purpose unified architecture controllers (recording, indicating, or blind) . . . . .	units	S	MA334B	
3345130103	General-purpose unified architecture recorders, with or without self-contained set-point stations . . . . .	units	S	MA334B	
3345130105	General-purpose unified architecture indicators, with or without self-contained set-point stations . . . . .	units	S	MA334B	
3345130107	General-purpose unified architecture auxiliary stations and analog computing devices . . . . .	units	S	MA334B	
3345130109	General-purpose nonunified architecture electronic systems . . . . .		SV	MA334B	
3345130111	General-purpose industrial multifunction process computers . . . . .		SV	MA334B	
3345130113	General-purpose pneumatic controllers (recording, indicating, or blind) . . . . .	units	S	MA334B	
3345130115	General-purpose pneumatic recorders, with or without self-contained set-point stations . . . . .	units	S	MA334B	
3345130117	General-purpose pneumatic indicators, with or without self-contained set-point stations . . . . .	units	S	MA334B	
3345130119	General-purpose pneumatic auxiliary stations and analog computing devices associated with pneumatic controllers, recorders, and indicators . . . . .	units	S	MA334B	
334513011G	Electrical and electronic direct-deflecting controllers, indicators, and recorders for all other process variables . . . . .	units	S	MA334B	
334513011J	Electromechanical self-balancing electric or pneumatic controllers, indicators, recorders, and integrators for all other process variables . . . . .	units	S	MA334B	
3345130121	General-purpose pneumatic receiver-type gauges, analog and digital . . . . .	units	S	MA334B	
3345130123	General-purpose industrial annunciators, electro-mechanical and solid-state types . . . . .	units	S	MA334B	
33451302	Process control instruments other than general-purpose				
334513021A	All other continuous process gas analyzers for on-stream gas and liquid analysis . . . . .	units	S	MA334B	
334513021C	Continuous process Ph analyzers for on-stream gas and liquid analysis . . .	units	S	MA334B	
334513021E	All other continuous process liquid analyzers for on-stream gas and liquid analysis . . . . .	units	S	MA334B	
334513021L	Electrical and electronic digital indicators for all other process variables . . .	units	S	MA334B	
334513021M	Electrical and electronic transmitters producing standardized electric or pneumatic analog transmission signals for all other process variables . . . . .	units	S	MA334B	
334513021P	Mechanical noncontrol indicating or recording controllers and recorders for all other process variables . . . . .	units	S	MA334B	
334513021R	Mechanical indicators for all other process variables . . . . .	units	S	MA334B	
334513021T	Mechanical transmitters producing standardized electric or pneumatic analog transmission signals for all other process variables . . . . .	units	S	MA334B	
3345130225	Direct-deflecting controllers for electrical and electronic temperature measuring instruments . . . . .	units	S	MA334B	
3345130227	Direct-deflecting indicators and recorders for electrical and electronic temperature measuring instruments . . . . .	units	S	MA334B	
3345130229	Electromechanical self-balancing controllers for electrical and electronic temperature measuring instruments . . . . .	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 <sup>1</sup>	Products primary <sup>2</sup>
<b>334513</b>	<b>PROCESS CONTROL INSTRUMENTS—Con.</b>				
3345130	PROCESS CONTROL INSTRUMENTS—Con.				
33451302	Process control instruments other than general-purpose—Con.				
334513022A	All other industrial process temperature instruments .....		SV	MA334B	
334513022C	All other industrial process flow and liquid level instruments .....		SV	MA334B	
334513022E	All other industrial continuous process instruments .....		SV	MA334B	
334513022G	All other industrial process instruments .....		SV	MA334B	
3345130231	Electromechanical self-balancing indicators, recorders, and integrators for electrical and electronic temperature measuring instruments .....	units	S	MA334B	
3345130233	Electronic controllers for electrical and electronic temperature measuring sensors .....	units	S	MA334B	
3345130235	Digital indicators for electrical and electronic temperature measuring sensors (exclude data loggers) .....	units	S	MA334B	
3345130237	Electric transmitters producing standardized electric analog transmission signals for all types of temperature sensors .....	units	S	MA334B	
3345130239	Pneumatic transmitters producing standardized electric analog transmission signals for all types of temperature sensors .....	units	S	MA334B	
3345130241	Mechanical temperature measuring and filled systems indicating or recording controllers .....	units	S	MA334B	
3345130243	Mechanical temperature measuring and filled systems recorders, noncontrol .....	units	S	MA334B	
3345130245	Mechanical temperature measuring and filled systems indicators, excluding indoor-outdoor and other household or appliance type thermometers .....	units	S	MA334B	
3345130247	Mechanical temperature measuring and filled systems, transmitters producing standardized electric or pneumatic analog transmission signals .....	units	S	MA334B	
3345130249	Thermocouples and thermocouple lead wire for primary temperature sensors, excluding aircraft types .....		SV	MA334B	
3345130251	All other types of primary temperature sensors, excluding aircraft types .....		SV	MA334B	
3345130253	Pressure (gauge, absolute, vacuum) and draft indicating or recording controllers .....	units	S	MA334B	
3345130255	Pressure (gauge, absolute, vacuum) and draft noncontrol recorders .....	units	S	MA334B	
3345130257	Pressure (gauge, absolute, vacuum) and draft indicators 3-inch diameter and over .....	units	S	MA334B	
3345130259	Pressure (gauge, absolute, vacuum) and draft indicators under 3-inch diameter .....	units	S	MA334B	
3345130261	Pressure (gauge, absolute, vacuum) and draft transmitters producing standardized electronic analog transmission signals .....	units	S	MA334B	
3345130263	Pressure (gauge, absolute, vacuum) and draft transmitters producing standardized pneumatic analog transmission signals .....	units	S	MA334B	
3345130265	Flow and liquid level measuring differential pressure type indicating or recording controllers .....	units	S	MA334B	
3345130267	Flow and liquid level measuring differential pressure type noncontrol recorders and indicators .....	units	S	MA334B	
3345130269	Flow and liquid level measuring differential pressure transmitters producing standardized electronic analog transmission signals .....	units	S	MA334B	
3345130271	Flow and liquid level measuring differential pressure transmitters producing standardized pneumatic analog transmission signals .....	units	S	MA334B	
3345130273	Flow and liquid level measuring differential primary pressure sensors (including load cells and strain gauges) .....	units	S	MA334B	
3345130275	Flow and liquid level measuring differential pressure primary flow elements .....	units	S	MA334B	
3345130277	Electromagnetic primary device flowmeters .....	units	S	MA334B	
3345130279	Electromagnetic secondary type flowmeters .....	units	S	MA334B	
3345130281	Capacitance, ultrasonic, and other electronic instruments for flow and liquid level measuring instruments .....	units	S	MA334B	
3345130283	Variable area controlling, recording, indicating, and transmitting instruments and associated primary flow elements .....	units	S	MA334B	
3345130285	Float and displacement controlling, recording, indicating, and transmitting instruments and associated primary flow elements .....	units	S	MA334B	
3345130287	Turbine and propeller controlling, recording, indicating, and transmitting instruments and associated primary flow elements .....	units	S	MA334B	
3345130289	Mass flow controlling, recording, indicating, and transmitting instruments and associated primary flow elements .....	units	S	MA334B	
3345130291	All other controlling, recording, indicating, and transmitting instruments and associated primary flow elements .....	units	S	MA334B	
3345130293	Humidity controlling, recording, indicating, and transmitting instruments and associated primary humidity elements, excluding home and general-purpose type .....	units	S	MA334B	
3345130295	Continuous process chromatographic analyzers for on-stream gas and liquid analysis .....	units	S	MA334B	
3345130297	Continuous process infrared analyzers for on-stream gas and liquid analysis .....	units	S	MA334B	
3345130299	Continuous process oxygen analyzers for on-stream gas and liquid analysis .....	units	S	MA334B	
33451303	Parts, supplies, and accessories for other industrial process instruments				
334513032J	Parts, supplies, accessories, and other primary sensors for primarily temperature instruments .....		SV	MA334B	
334513032L	Parts, supplies, accessories, and other primary sensors for primarily flow and liquid level instruments .....		SV	MA334B	
334513032N	Parts, supplies, accessories, and other primary sensors for primarily continuous process instruments .....		SV	MA334B	
334513032P	Parts, supplies, accessories, and other primary sensors for primarily industrial instruments .....		SV	MA334B	
<b>334514</b>	<b>TOTALIZING FLUID METERS AND COUNTING DEVICES</b>				
3345141	INTEGRATING AND TOTALIZING METERS FOR GAS AND LIQUIDS				
33451410	Integrating and totalizing meters for gas and liquids				
3345141000	Integrating and totalizing meters for gas and liquids .....		SV		
3345141001	Residential size diaphragm gas meters and consumption registering equipment .....	units	S	MA334B	
3345141003	All other size diaphragm gas meters and consumption registering equipment .....	units	S	MA334B	
3345141005	Turbine gas meters and consumption registering equipment .....	units	S	MA334B	
3345141007	All other gas meters and consumption registering equipment .....	units	S	MA334B	
3345141009	Small consumption registering positive displacement water meters, up to and including 1 inch .....	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 <sup>1</sup>	Products primary <sup>2</sup>
<b>334514</b>	<b>TOTALIZING FLUID METERS AND COUNTING DEVICES— Con.</b>				
3345141	<b>INTEGRATING AND TOTALIZING METERS FOR GAS AND LIQUIDS—Con.</b>				
33451410	Integrating and totalizing meters for gas and liquids—Con.				
3345141000	Integrating and totalizing meters for gas and liquids—Con.				
3345141011	Intermediate consumption registering positive displacement water meters, over 1 inch up to and including 2 inch .....	units	S	MA334B	
3345141013	Large consumption registering positive displacement water meters, over 2 inch .....	units	S	MA334B	
3345141015	Liquid fuel dispensing positive displacement meters, excluding service station pumps .....	units	S	MA334B	
3345141017	All other positive displacement liquid meters .....	units	S	MA334B	
3345141019	Parts, components, and accessories for gas and liquid meters (sold separately) .....		SV	MA334B	
<b>3345143</b>	<b>COUNTING DEVICES, EXCLUDING MOTOR VEHICLE INSTRUMENTS</b>				
33451430	Counting devices, excluding motor vehicle instruments				
3345143000	Counting devices, excluding motor vehicle instruments .....		SV		
3345143001	Mechanical input counting devices .....	units	S	MA334B	
3345143003	Electrical input counting devices .....	units	S	MA334B	
3345143005	Electronic input counting devices .....	units	S	MA334B	
3345143007	All other counting devices, including toll meters, taxi meters, parking meters, and fare collection equipment .....		SV	MA334B	
3345143009	Components and parts for counting devices, except parking meters (sold separately) .....		SV	MA334B	
<b>3345145</b>	<b>MOTOR VEHICLE INSTRUMENTS</b>				
33451450	Motor vehicle instruments				
3345145000	Motor vehicle instruments .....		SV		
3345145001	Motor vehicle speedometers .....		SV	MA334B	
3345145003	Motor vehicle tachometers .....		SV	MA334B	
3345145005	Motor vehicle odometers .....		SV	MA334B	
3345145007	Motor vehicle fuel level gauges .....		SV	MA334B	
3345145009	Motor vehicle water temperature gauges .....		SV	MA334B	
3345145011	Motor vehicle ammeters .....		SV	MA334B	
3345145013	Motor vehicle oil pressure gauges .....		SV	MA334B	
3345145015	Motor vehicle instrument panels, including cluster modules .....		SV	MA334B	
3345145017	All other motor vehicle instruments .....		SV	MA334B	
<b>334515</b>	<b>INSTRUMENTS TO MEASURE ELECTRICITY</b>				
3345151	<b>INTEGRATING INSTRUMENTS, ELECTRICAL</b>				
33451510	Integrating instruments, electrical				
3345151000	Electrical integrating instruments .....		SV		
3345151001	Electrical single phase Ac watt-hour meters .....	units	S	MA334B	
3345151003	Electrical polyphase Ac watt-hour meters .....	units	S	MA334B	
3345151005	Electrical demand meters, combined watt-hour and demand meters, and combined watt-hour and time switch meters .....	units	S	MA334B	
3345151007	All other electrical integrating meters .....		SV	MA334B	
3345151009	Parts and accessories for electric integrating meters (sold separately) .....		SV	MA334B	
<b>3345153</b>	<b>TEST EQUIPMENT FOR TESTING ELECTRICAL, RADIO AND COMMUNICATION CIRCUITS, AND MOTORS</b>				
33451530	Test equipment for testing electrical, radio and communication circuits, and motors, except portable instrument transformers				
3345153000	Test equipment for testing electrical, radio and communication circuits, and motors, except portable instrument transformers .....		SV		
3345153001	Digital electronic, voltage, current, and resistance measuring equipment, excluding multimeters .....		SV	MA334B	
3345153003	Analog electronic, voltage, current, and resistance measuring equipment, excluding multimeters .....		SV	MA334B	
3345153005	Electrical voltage, current, and resistance measuring equipment, excluding panel meters .....		SV	MA334B	
3345153007	Electronic multimeters, digital and analog .....		SV	MA334B	
3345153009	Electrical multimeters .....		SV	MA334B	
3345153011	Electronic analog power and energy measuring equipment .....		SV	MA334B	
3345153013	Electronic digital power and energy measuring equipment .....		SV	MA334B	
3345153015	Electrical power and energy measuring equipment, excluding electrical integrating instruments sold separately .....		SV	MA334B	
3345153017	Universal frequency counters and timers with interval measuring capability .....		SV	MA334B	
3345153019	All other frequency counters .....		SV	MA334B	
3345153021	Frequency meters .....		SV	MA334B	
3345153023	All other frequency counters and timers .....		SV	MA334B	
3345153025	Waveform measuring or analyzing oscilloscopes and plug-in accessories ..		SV	MA334B	
3345153027	Waveform spectrum analyzers .....		SV	MA334B	
3345153029	All other waveform measuring or analyzing equipment .....		SV	MA334B	
3345153031	Audio signal generating equipment .....		SV	MA334B	
3345153033	RF signal generating equipment, over 20kc to 890 megacycles .....		SV	MA334B	
3345153035	Microwave signal generating equipment, 890 megacycles and above .....		SV	MA334B	
3345153037	Electronic field strength and intensity measuring equipment, including RFI measuring equipment .....		SV	MA334B	
3345153039	Electrical field strength and intensity measuring equipment, including RFI measuring equipment .....		SV	MA334B	
3345153043	Electronic impedance and related measuring equipment .....		SV	MA334B	
3345153045	Standing wave measuring equipment .....		SV	MA334B	
3345153047	Electronic X-Y plotters (recorders) .....		SV	MA334B	
3345153049	Combination or group automatic test and measuring equipment .....		SV	MA334B	
3345153051	Electron tube test sets .....		SV	MA334B	
3345153053	Semiconductor component memory test sets .....		SV	MA334B	
3345153055	Semiconductor component linear test sets .....		SV	MA334B	
3345153057	Semiconductor component microprocessor test sets .....		SV	MA334B	
3345153059	All other semiconductor component test equipment .....		SV	MA334B	
3345153061	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 <sup>1</sup>	Products primary <sup>2</sup>
<b>334515</b>	<b>INSTRUMENTS TO MEASURE ELECTRICITY—Con.</b>				
3345153	TEST EQUIPMENT FOR TESTING ELECTRICAL, RADIO AND COMMUNICATION CIRCUITS, AND MOTORS—Con.				
33451530	Test equipment for testing electrical, radio and communication circuits, and motors, except portable instrument transformers—Con.				
3345153000	Test equipment for testing electrical, radio and communication circuits, and motors, except portable instrument transformers—Con.				
3345153063	All other component test sets for automatic test and measuring equipment . . . . .		SV	MA334B	
3345153065	Equipment and subassembly test and measuring equipment . . . . .		SV	MA334B	
3345153067	Electronic standards and calibration equipment for test measuring equipment . . . . .		SV	MA334B	
3345153069	Electrical standards and calibration equipment for test measuring equipment . . . . .		SV	MA334B	
3345153071	Portable analyzers for testing characteristics of internal-combustion engines, excluding aircraft . . . . .		SV	MA334B	
3345153073	All other analyzers for testing characteristics of internal-combustion engines, excluding aircraft . . . . .		SV	MA334B	
3345153075	Communication network analyzers . . . . .		SV	MA334B	
3345153077	Communication cable backplane and other continuity testers . . . . .		SV	MA334B	
3345153079	Fiber optics (OTDR, optical S-N meters) communications test equipment, nec . . . . .		SV	MA334B	
3345153081	All other communications test, monitoring, and control equipment, excluding microwave . . . . .		SV	MA334B	
3345153083	Microwave communications test equipment, nec, 1,300 MHZ and above . . . . .		SV	MA334B	
3345153085	Logic analyzers, similar logic state, timing, and signature analyzers . . . . .		SV	MA334B	
3345153087	Microprocessor development systems . . . . .		SV	MA334B	
3345153089	Pulse, function, data generators, and similar metered frequency synthesizers . . . . .		SV	MA334B	
3345153091	Other field service test and measurement equipment, logic probes, clips, and pulser . . . . .		SV	MA334B	
3345153093	All other measuring and checking instruments for testing electrical, radio, and communication circuits and motors . . . . .		SV	MA334B	
3345153095	All other analyzing instruments for checking electrical quantities . . . . .		SV	MA334B	
3345153097	Parts and components for test equipment for testing electrical, radio and communication circuits and motors (sold separately) . . . . .		SV	MA334B	
<b>3345155</b>	<b>OTHER INSTRUMENTS TO MEASURE ELECTRICITY</b>				
33451550	Other instruments to measure electricity				
3345155000	Other instruments to measure electricity . . . . .		SV		
3345155001	Digital panel meters (DPM) between 0.05 percent and 1 percent, + or - 1 digit accuracy (excluding precision DVMS and electronic counters) . . . . .	units	S	MA334B	
3345155003	Analog solid-state panel meters generally of + or - 2 percent accuracy with LED, LCD, or neon gas discharge display . . . . .	units	S	MA334B	
3345155005	Ac panel type other than sealed or ruggedized electrical indicating instruments . . . . .	units	S	MA334B	
3345155007	Dc panel type other than sealed or ruggedized electrical indicating instruments . . . . .	units	S	MA334B	
3345155009	Ruggedized or sealed panel type electrical indicating instruments . . . . .	units	S	MA334B	
3345155011	Panel type electrical indicating equipment with control or signal initiating means . . . . .	units	S	MA334B	
3345155013	All other panel type electrical indicating instruments including ammeters and voltmeters for motor vehicles . . . . .	units	S	MA334B	
3345155015	Ac switchboard instruments with generally 1 percent of accuracy, including moving iron vane and dynamometer types . . . . .	units	S	MA334B	
3345155017	Dc switchboard instruments with generally 1 percent of accuracy, including rectifier and thermocouple types . . . . .	units	S	MA334B	
3345155019	Elapsed time meters (with and without reset) . . . . .	units	S	MA334B	
3345155021	Portable instruments with general accuracies within + or - 2 percent accuracy . . . . .	units	S	MA334B	
3345155023	Direct deflecting electrical recording (portable and for panel mounting) instruments, excluding temperature calibrated . . . . .	units	S	MA334B	
3345155025	Pen, stylus, and light beam type oscillographic electrical recording instruments (portable and for panel mounting) . . . . .	units	S	MA334B	
3345155027	All other electrical recording instruments (portable and for panel mounting) . . . . .		SV	MA334B	
3345155029	Transducers for electrical indicating and recording instruments . . . . .		SV	MA334B	
3345155031	Tachometer generators for electrical indicating and recording instruments, except aerospace types . . . . .		SV	MA334B	
3345155033	All other parts and accessories for electrical indicating and recording instruments, including instrument shunts . . . . .		SV	MA334B	
<b>334516</b>	<b>ANALYTICAL LABORATORY INSTRUMENTS</b>				
3345160	ANALYTICAL AND SCIENTIFIC INSTRUMENTS, EXCEPT OPTICAL				
33451600	Analytical and scientific instruments, except optical				
3345160000	Analytical and scientific instruments, except optical . . . . .		SV		
3345160001	Electrochemical Ph electrodes and meters . . . . .		SV	MA334B	
3345160003	Electrochemical ion selective electrodes and meters . . . . .		SV	MA334B	
3345160007	Electrochemical, electrophoresis instruments . . . . .		SV	MA334B	
3345160009	Other electrochemical instruments (except process type), including photometers . . . . .		SV	MA334B	
3345160011	Gas chromatographic instruments . . . . .	units	S	MA334B	
3345160013	Liquid chromatographic instruments . . . . .	units	S	MA334B	
3345160015	Other chromatographic instruments, including paper, gel, and thin layer . . . . .		SV	MA334B	
3345160017	Spectrophotometric atomic absorption instruments . . . . .		SV	MA334B	
3345160019	Spectrophotometric optical emission instruments, excluding ICP . . . . .		SV	MA334B	
3345160021	Spectrophotometric optical emission instruments, including laser excited source . . . . .		SV	MA334B	
3345160023	Spectrophotometric optical emission instruments with inductively coupled plasma, ICP . . . . .		SV	MA334B	
3345160025	Infrared spectrophotometric instruments, including Fourier transfer methods . . . . .		SV	MA334B	
3345160027	Ultraviolet, visible, and colorimeters spectrophotometric instruments . . . . .		SV	MA334B	
3345160029	Fluorescent spectrophotometric instruments, including fluorometers, excluding chemical . . . . .		SV	MA334B	
3345160031	Spectrophotometric color measuring devices . . . . .		SV	MA334B	
3345160033	Other spectrophotometric instruments, including vacuum ultraviolet, Raman, light scattering reflectors, helium glow, and light measuring . . . . .		SV	MA334B	
3345160035	Thermal analysis instruments . . . . .		SV	MA334B	
3345160037	Nuclear magnetic resonance spectrometers, excluding medical . . . . .	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 <sup>1</sup>	Products primary <sup>2</sup>
<b>334516</b>	<b>ANALYTICAL LABORATORY INSTRUMENTS—Con.</b>				
33451600	ANALYTICAL AND SCIENTIFIC INSTRUMENTS, EXCEPT OPTICAL—Con.				
33451600	Analytical and scientific instruments, except optical—Con.				
3345160000	Analytical and scientific instruments, except optical—Con.				
3345160039	Microscopes, scanning type, including electron and proton	units	S	MA334B	
3345160041	Particle beam excitation instruments	units	S	MA334B	
3345160043	Photon excitation analyzers	units	S	MA334B	
3345160045	Mass spectroscopy instrumentation		SV	MA334B	
3345160047	Clinical chemistry laboratory instrumentation	units	S	MA334B	
3345160049	Clinical hematology laboratory instrumentation	units	S	MA334B	
3345160051	Clinical microbiology laboratory instrumentation	units	S	MA334B	
3345160053	Clinical histology laboratory instrumentation	units	S	MA334B	
3345160055	Clinical blood bank and immunology laboratory instrumentation	units	S	MA334B	
3345160057	Other clinical laboratory instrumentation, nec	units	S	MA334B	
3345160059	Organic elemental analysis instruments	units	S	MA334B	
3345160061	Amino acid, protein and-or peptide analyzers, including chromatographic type	units	S	MA334B	
3345160063	Gas detectors	units	S	MA334B	
3345160065	Other analytical and scientific instruments, nec		SV	MA334B	
3345160067	Parts, components, and accessories for analytical and scientific instruments (sold separately)		SV	MA334B	
<b>334517</b>	<b>IRRADIATION APPARATUS</b>				
33451700	IRRADIATION (IONIZING RADIATION) EQUIPMENT, INCLUDING X-RAY, BETA RAY, GAMMA RAY, AND NUCLEAR				
33451700	Irradiation (ionizing radiation) equipment, including x-ray, beta ray, gamma ray, and nuclear				
3345170000	Irradiation (ionizing radiation) equipment, including x-ray, beta ray, gamma ray, and nuclear		SV		
33451701	Irradiation (ionizing radiation) equipment, including x-ray, beta ray, gamma ray, and nuclear				
3345170103	Medical digital radiography x-ray equipment	number	S	MA334S	
3345170106	Medical computerized axial tomography (CT or CAT scan) x-ray equipment	number	S	MA334S	
3345170109	Dental and conventional x-ray equipment	number	S	MA334S	
3345170112	All other medical diagnostic x-ray equipment		SV	MA334S	
3345170115	Nuclear medicine equipment (all equipment used for nuclear in vivo studies)	number	S	MA334S	
3345170118	Medical radiation therapy equipment (linear accelerators, x-ray, cobalt 60, brachtherapy)		SV	MA334S	
3345170121	Industrial and scientific x-ray equipment	number	S	MA334S	
3345170124	X-ray tubes (sold separately)	number	S	MA334S	
33451702	Other nonmedical irradiation equipment, including gamma and beta ray equipment				
3345170227	Other nonmedical irradiation equipment, including gamma and beta ray equipment		SV	MA334S	
33451703	Parts and accessories for x-ray equipment and other non-medical irradiation equipment				
3345170331	Parts and accessories for x-ray equipment and other non-medical irradiation equipment		SV	MA334S	
<b>334518</b>	<b>WATCHES, CLOCKS, AND PARTS</b>				
33451810	WATCHES, WATCHCASES, MOVEMENTS OR MODULES, AND WATCH PARTS				
33451811	Watches, watchcases, movements or modules, and watch parts				
3345181101	Watches		SV		
3345181106	Watchcases, movements or modules, and watch parts		SV		
33451830	CLOCKS, TIMING MECHANISMS, TIME RECORDING AND TIME STAMP DEVICES, TIME SWITCHES, CLOCK MOVEMENTS, CLOCK CASES, AND PARTS				
33451831	Clocks, timing mechanisms, time recording and time stamp devices, time switches, clock movements, clock cases, and parts				
3345183101	Alarm clocks, excluding clock timers and timing mechanisms		SV		
3345183106	Household wall clocks, excluding alarm clocks		SV		
3345183111	All other household clocks, including chime and strike, desk, mantel, etc., excluding alarm clocks		SV		
3345183116	Other complete clocks, excluding alarm clocks		SV		
3345183121	Household timing mechanisms, excluding time recording and time stamp machines		SV		
3345183126	Commercial timing mechanisms, excluding time recording and time stamp machines		SV		
3345183131	Time recording and time stamp machines and devices		SV		
3345183136	Other timing mechanisms, including military, excluding time recording and time stamp machines		SV		
3345183141	Timers and switch clocks with clock or watch movements or modules having dials or displays for telling time of day		SV		
3345183146	Clock movements and modules, complete		SV		
3345183151	Other clock parts (except timing motors), clock and watch springs, and parts and attachments for time recording and time stamp devices		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 <sup>1</sup>	Products primary <sup>2</sup>
<b>334519</b>	<b>MEASURING AND CONTROLLING DEVICES, NEC</b>				
3345191	AIRCRAFT ENGINE INSTRUMENTS, EXCEPT FLIGHT				
33451910	Aircraft engine instruments, except flight				
3345191000	Aircraft engine instruments, except flight		SV		
3345191001	Aircraft engine temperature sensors, transmitters, and displays		SV	MA334B	
3345191003	Aircraft engine pressure ratio sensors, displays, and controls		SV	MA334B	
3345191005	Aircraft engine pressure and vacuum sensors, transmitters, and displays		SV	MA334B	
3345191007	Aircraft engine fuel and oil flow rate sensors, transmitters, and displays, including mixture controls		SV	MA334B	
3345191009	Aircraft engine fuel and oil quantity sensors, transmitters, and displays including densitometers		SV	MA334B	
3345191011	Aircraft engine tachometer generators and indicators		SV	MA334B	
3345191013	All other aircraft engine instruments		SV	MA334B	
3345191015	Parts and components for aircraft engine instruments, except flight (sold separately)		SV	MA334B	
3345193	PHYSICAL PROPERTIES TESTING AND INSPECTION EQUIPMENT AND KINEMATIC TESTING AND MEASURING EQUIPMENT				
33451930	Physical properties testing and inspection equipment and kinematic testing and measuring equipment				
3345193000	Physical properties testing and inspection equipment and kinematic testing and measuring equipment				
3345193001	Physical properties testing equipment for testing of metals		SV	MA334B	
3345193003	Other physical properties testing equipment		SV	MA334B	
3345193005	Parts for physical properties testing equipment (sold separately)		SV	MA334B	
3345193007	Physical properties inspection equipment for testing of metals		SV	MA334B	
3345193009	Physical properties inspection equipment for measuring and checking flow of fluids		SV	MA334B	
3345193011	Other physical properties inspection equipment		SV	MA334B	
3345193013	Parts for physical properties inspection equipment (sold separately)		SV	MA334B	
3345193015	Kinematic testing and measuring equipment		SV	MA334B	
3345193017	Parts for kinematic testing and measuring equipment (sold separately)		SV	MA334B	
3345195	NUCLEAR RADIATION DETECTION AND MONITORING INSTRUMENTS				
33451950	Nuclear radiation detection and monitoring instruments				
3345195000	Nuclear radiation detection and monitoring instruments		SV		
3345195001	Radiation detecting elements, including ion chambers	units	S	MA334B	
3345195003	Solid-state nuclear radiation detectors	units	S	MA334B	
3345195005	Nuclear monitoring instruments, including environmental, personal dosimetry, and medical monitors	units	S	MA334B	
3345195007	Manual and automatic sample and flow counting systems		SV	MA334B	
3345195009	Nuclear radiation scalars	units	S	MA334B	
3345195011	Special amplifiers for nuclear applications	units	S	MA334B	
3345195013	Single channel pulse height analyzers, including nuclear spectrometers	units	S	MA334B	
3345195015	Multichannel pulse height analyzers, including nuclear spectrometers	units	S	MA334B	
3345195017	Nuclear radiation count rate meters	units	S	MA334B	
3345195019	Nuclear radiation measurement and control devices using beta, gamma, or neutron gauge technology		SV	MA334B	
3345195021	Nuclear power supplies		SV	MA334B	
3345195023	Neutron and photon activation analysis systems		SV	MA334B	
3345195025	Nuclear instrument modules, nec		SV	MA334B	
3345195027	Other nuclear radiation detection and monitoring instruments		SV	MA334B	
3345195029	Parts and components for nuclear radiation detection and monitoring instruments (sold separately)		SV	MA334B	
3345197	COMMERCIAL, GEOPHYSICAL, METEOROLOGICAL, AND GENERAL-PURPOSE INSTRUMENTS				
33451970	Commercial, geophysical, meteorological, and general-purpose instruments and equipment, except medical thermometers				
3345197000	Commercial, geophysical, meteorological, and general-purpose instruments and equipment, except medical thermometers				
3345197001	Barometers and barographs, aneroid and mercurial types		SV	MA334B	
3345197003	Hydrometers, glass, all types, including thermo-hydrometers	units	S	MA334B	
3345197005	Liquid-in-glass thermometers engraved (etched) stem, thermoregulators, deep-sea reversing, laboratory, encased glass, ASTM standards, pocket case, max-min registering, except clinical thermometers		SV	MA334B	
3345197007	Liquid-in-glass thermometers threaded and flanged types, fixed and adjustable angle, in line and duct installations	units	S	MA334B	
3345197009	Household and commercial liquid-in-glass thermometers	units	S	MA334B	
3345197011	Threaded and flanged bimetal thermometers for pipeline and duct installations, including general and pocket test	units	S	MA334B	
3345197013	Domestic science, commercial general test, indoor, outdoor, desk models, oven, refrigerator bimetal thermometers	units	S	MA334B	
3345197015	Humidity indicating and recording instruments	units	S	MA334B	
3345197017	Other thermometers (infrared, meteorological, commercial and industrial)		SV	MA334B	
3345197023	Meteorological electronics equipment and radio astronomy equipment		SV	MA334B	
3345197025	Other meteorological instruments and parts		SV	MA334B	
3345197027	Seismic instruments		SV	MA334B	
3345197029	All other geophysical instruments and equipment		SV	MA334B	
3345197031	Other commercial and industrial instruments, excluding aircraft		SV	MA334B	
3345197033	Parts and accessories for meteorological and commercial and industrial instruments		SV	MA334B	
3345199	SURVEY AND DRAFTING INSTRUMENTS AND APPARATUS, INCLUDING PHOTOGRAMMETRIC EQUIPMENT				
33451990	Survey and drafting instruments and apparatus, including photogrammetric equipment				
3345199000	Survey and drafting instruments and apparatus, including photogrammetric equipment				
3345199001	Surveying instruments, including alidades, transits, plumb bobs, sextants, theodolites, surveyors, compasses, surveyors levels, tapes, etc.		SV	MA334B	
3345199003	Parts and components for surveying instruments (sold separately)		SV	MA334B	
3345199005	Drafting instruments and machines, manual and automatic, drafting tables, plotting instruments, slide rules, T-squares, drafting templates, rules, etc.		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 <sup>1</sup>	Products primary <sup>2</sup>
<b>334519</b>	<b>MEASURING AND CONTROLLING DEVICES, NEC—Con.</b>				
3345199	SURVEY AND DRAFTING INSTRUMENTS AND APPARATUS, INCLUDING PHOTOGRAMMETRIC EQUIPMENT—Con.				
33451990	Survey and drafting instruments and apparatus, including photogrammetric equipment—Con.				
334519900	Survey and drafting instruments and apparatus, including photogrammetric equipment—Con.				
3345199007	Parts and components for drafting instruments and machines (sold separately) .....		SV	MA334B	
3345199009	Photogrammetric and geodetic equipment, excluding cameras .....		SV	MA334B	
3345199011	Parts and components for photogrammetric and geodetic equipment (sold separately) .....		SV	MA334B	
<b>334611</b>	<b>SOFTWARE REPRODUCING</b>				
3346110	SOFTWARE REPRODUCING				
33461100	Software reproducing				
3346110000	Software reproducing .....		SV		
<b>334612</b>	<b>PRERECORDED COMPACT DISCS, EXCEPT SOFTWARE, TAPES, AND RECORDS</b>				
3346120	PRERECORDED COMPACT DISC (EXCEPT SOFTWARE), TAPE, AND RECORD REPRODUCING				
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		
33461204	Reproduction of computer software				
33461205	All other reproduction of recording media				
3346120501	Audio discs or records vinyl singles, including 7 and 12 inch .....		SV		
3346120504	Audio discs or records long playing (LP), excluding digitally mastered records for consumer use .....		SV		
3346120507	Audio discs or 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		
<b>334613</b>	<b>UNRECORDED MAGNETIC AND OPTICAL DISCS AND TAPES</b>				
3346130	MAGNETIC AND OPTICAL RECORDING MEDIA, UNRECORDED				
33461301	Magnetic and optical recording media, unrecorded disks				
3346130110	Magnetic and optical recording media, unrecorded disks .....		SV		
3346130111	Rigid magnetic disks less than 2 one-half inch .....	units	S	MA334R	
3346130113	Rigid magnetic disks 2 one-half inch to 3 one-half inch .....	units	S	MA334R	
33461302	Rigid magnetic disks, 3 one-half inch and greater				
3346130211	Rigid magnetic disks 3 one-half inch to 5 one-fourth inch .....	units	S	MA334R	
3346130213	Rigid magnetic disks 5 one-fourth inch and greater .....	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		
3346130411	Packaged magnetic tape in reels for computer use .....	units	S	MA334R	
3346130413	Packaged magnetic tape in cassette and cartridge for computer use .....	units	S	MA334R	
3346130415	Packaged magnetic tape in forms suitable for audio use .....	units	S	MA334R	
3346130417	Packaged magnetic tape in video cassette, 8 mm and one-half inch .....	units	S	MA334R	
3346130419	Packaged magnetic tape in video cassette, three-fourth and 2 inch .....	units	S	MA334R	
3346130421	All other packaged magnetic tape .....	units	S	MA334R	
33461305	All other magnetic tape				
3346130501	Bulk magnetic tape .....	units	S	MA334R	
33461306	All other magnetic and optical recording media, unrecorded				
3346130610	All other magnetic and optical recording media, unrecorded .....		SV		
3346130611	Flexible magnetic disks 3 one-half inch to 5 one-fourth inch .....	units	S	MA334R	
3346130613	Flexible magnetic disks 5 one-fourth inch and greater .....	units	S	MA334R	
3346130615	Optical disks .....	units	S	MA334R	
3346130617	Other magnetic recording media .....	units	SV	MA334R	

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