

CURRENT INDUSTRIAL REPORTS SERIES

2008

MQ334R — COMPUTERS AND PERIPHERAL EQUIPMENT

DEFINITIONS AND SPECIAL INSTRUCTIONS

1. Scope of survey

This survey covers manufacturers of computers and related equipment. Computers are also referred to as automatic data processing machines.

2. Figures to be reported

Companies with more than one establishment manufacturing the products covered by this survey are requested to complete a separate report form for each location. If you have not received a separate form for each of your establishments, please call the contact shown on the report form or write to the U.S. Census Bureau for additional forms.

a. Quantity and value of shipments

The figures on quantity and value of shipments should include the physical shipments of all products sold, transferred to other establishments within your company, or shipped on consignment, whether for domestic or export sale. The value represents the net sales price, f.o.b. plant, to the customer or branch to which the products are shipped, net of discounts, allowances, freight charges and returns. Shipments to your own branches should be assigned the same value as comparable sales to unaffiliated customers, i.e., the value includes an appropriate allocation of company overhead and profit. Products bought and resold without further manufacture should not be included in shipments.

Include shipments of new and completed machines and parts which are sold separately. Include machines shipped on consignment as well as to central warehouses and sales branches of your company, whether or not they were sold by the end of the reporting year. Deduct allowances for products returned during the reporting year. Include factory rebuilt machines but not those reconditioned or repaired. Do not include products manufactured in other plants of your company or products made by other manufacturers which were purchased by you for resale.

Leased machines — For products leased or rented by your company, report the number and estimated values. The estimate should approximate the value of the products sold outright. If no such prices exist, the value may be based on the valuation placed on these items for tax, insurance, or similar purposes.

b. Columnar structure of report

When entering your figures on the report form, please be sure to report the information in the correct columns as follows:

Column 1 — Quantity

Column 2 — Value (report shipments in thousands of dollars. Example: \$1,000,000, report as \$1,000)

c. Special instructions

Parts — Report a component or subassembly in the parts category only if:

- (1) Your company fabricates or assembles the complete item at the reporting location; and
- (2) The item is not explicitly specified within the 10-digit North American Industry Classification System (NAICS)-based product classifications as defined for use in the 5-year Economic Census or Current Industrial Reports (CIR) program.

Exclude:

- Printed circuit boards without componentry (report on CIR Form MA334Q)
- Other electronic componentry (e.g. relays, capacitors, switches, semiconductors; report on CIR Form MA334Q)
- Power supplies (report on CIR Form MA334Q)
- Fasteners, stampings, and similar hardware
- Equipment enclosures (also NAICS 332322C101, 332322C206, 332322C311)

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DEFINITIONS AND SPECIAL INSTRUCTIONS — Continued

c. Special Instructions—Continued

Include:

- Other subassemblies not specified elsewhere that are specialized for use only in complete equipment you manufacture.

3. Definitions

ELECTRONIC COMPUTERS

Blade server (item code 1124)—A thin, modular electronic circuit board, containing one or more microprocessors, that is dedicated to a single task. The operating system and its application program are already on board.

Host systems (item codes 1110–1197) — Systems that are designed to simultaneously execute instructions from multiple users.

Single-user computers (item codes 1410–1492) — Designed and sold as a single user system—Limited to those systems designed to execute instructions from a single user. User programmable in a high-level language and can independently initiate and operate end user applications. Exclude any special purpose processors such as consumer/financial systems, fixed function devices such as calculators, word/spelling/language processors, note takers, etc.

Smart handheld devices (item code 1447)—These devices include Personal Digital Assistants (PDA's), pen-based handhelds, key-based handhelds, and convergence devices. Mobile phones are excluded.

Other computers (item code 1500) — Include products that are dedicated towards a specific task that is computational in nature. Examples of such products are array processors, database processors, vector processors, and image processors. Usually these processors work on a specific class of tasks in combination with some other computer. Include analog or hybrid computers.

COMPUTER STORAGE DEVICES, TERMINALS, AND PERIPHERAL EQUIPMENT

Computer storage devices (item codes 2170–2650) — Equipment for data storage in addition to the main or cache storage of a computer (e.g., disk drives, tape drives). Exclude storage media (e.g. disks, tape), which should be reported as "magnetic and optical recording media" (items 5042–5060).

Computer terminals (item codes 2840–2860) — General purpose equipment for human-controlled data entry into or interaction with a computer system. Local processing, storage or other intelligence is limited to that required for formatting data for output, display or communication. Exclude personal computers or workstations, which should be reported in items 1410 or 1420. Report point-of-sale terminals in items 4017. Also see "Computer peripheral equipment, not elsewhere classified (n,e.c)."

Computer peripheral equipment, n.e.c. (item codes 3737–3890) — Exclude devices that can communicate within a computer system but that are designed primarily for some other application that is not primarily computational in nature. For example, exclude equipment designed primarily for measurement or control (NAICS 334513 and 334515), communication (NAICS 334210 and 334220), machining (NAICS 333511 through 333518), or any other specific application.

Bar code devices (item code 3752) — Equipment for reading an array of rectangular bars and spaces which are arranged in a predetermined pattern following unambiguous rules in a specific way to represent elements of data which are referred to as characters. Includes readers, scanners and decoders.

Magnetic strip (item code 3788) — Records, or encodes, information onto a material, using low or high energy electromagnetic charges. These charges or signals can then be read by a decoder that translates them into numbers and characters for identification by a computer.

Funds transfer devices (item code 4017) — Devices facilitating the handling of various financial transactions involving the consumer and financial institutions. Typically, these devices provide services such as account status inquiries, transfers of funds to and from various accounts, withdrawals, deposits, and payments.

Point-of-sale devices (item code 4017) — Devices facilitating the handling of various retail transactions involving the sale, exchange, or return of merchandise or service.

ABBREVIATIONS AND METRIC CONVERSIONS

cm = Centimeters (cm)
2 inches = 2.54 centimeters (cm)
cm = 0.3937 inches

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DEFINITIONS AND SPECIAL INSTRUCTIONS — Continued

4. Comparability

If you also report in the Annual Survey of Manufactures (Form MA-10000), the sum of values for item codes shown in column (a) should correspond to the dollar values reported under product class codes indicated in column (b) below:

Current Industrial Reports (Form MQ334R)	Annual Survey of Manufactures
Item codes (a)	Product class codes (b)
1110 through 1197	3341111
1410 through 1492	3341117
1500	334111D
2170 through 2625	3341121
2650	3341124
2840	3341131
2860	3341134
3737 through 3885	3341191
3890	3341194
4017	3341197
4035	334119D
5042 through 5060	3346130

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REFERENCE LIST

FORM MQ334R		COMPUTERS AND PERIPHERAL EQUIPMENT
Product code	Item code	Item description
		ELECTRONIC COMPUTER MANUFACTURING (Report quantity in number of units)
3341111101	1110	Large-scale systems, including mainframes and super computers
3341111104	1115	Midrange servers (all sizes)
3341111108	1124	Blade servers
3341111112	1130	PC servers
3341111117	1197	Other host computers
3341111	1199	Total host computers (sum of item codes 1110–1197)
3341117107	1410	Personal computers
3341117109	1420	Workstations (microprocessor-based single-user systems distinguished from PCs by operating systems and relative-high performance)
3341117127	1437	Mobile computers (include notebooks, subnotebooks, laptops, and tablet PCs)
3341117129	1447	Smart handheld devices
3341117130	1492	All other single-user computers
3341117	1499	Total single user computers (sum of item codes 1410–1492)
334111D	1500	Other computers (including array and other analog, hybrid or special purpose computers)
334111	1599	Total Computers (sum of item codes 1199, 1499, and 1500)
		COMPUTER STORAGE DEVICES
3341121109	2170	Disk subsystems and disk arrays for multiuser computer systems
3341121112	2227	Disk drives (all sizes)
3341121123	2390	Storage Area Networks (SANs)
3341121138	2597	Tape drives (all sizes)
3341121150	2625	Other computer storage devices
3341121	2629	Total computer storage devices and equipment (sum of item codes 2170–2625)
3341124	2650	Computer storage parts and subassemblies
		COMPUTER TERMINALS
3341131	2840	Computer terminals
3341134	2860	Computer terminal parts and subassemblies (see instructions)

CURRENT INDUSTRIAL REPORTS SERIES

REFERENCE LIST — Continued

FORM MQ334R		
Product code	Item code	Item description
COMPUTER PERIPHERAL EQUIPMENT		
3341191110	3737	Input devices, all types
3341191115	3752	Optical scanning devices: bar codes
3341191117	3758	Optical scanning devices: OCR equipment
3341191124	3777	Optical scanning devices: scanners
3341191127	3788	Magnetic strip and ink recognition equipment
3341191132	3807	Impact printers: line type and serial type
3341191136	3825	Nonimpact printers, including laser and multifunction
3341191147	3854	Monitors: flat bed panel, excluding terminals
3341191152	3867	Monitors: other than flat panel
3341191157	3880	Accessories for computer peripherals
3341191160	3885	All other peripheral equipment
3341191	3889	Total computer peripheral equipment (sum of item codes 3737–3885)
3341194	3890	Parts and subassemblies for computer peripherals
3341197	4017	Funds transfer and P.O.S. terminals
334119D	4035	Parts and attachments for P.O.S. and funds transfer devices
MAGNETIC AND OPTICAL RECORDING		
3346130615	5042	Optical disks
3346130630	5060	Magnetic recording media, including parts
3346130	5099	Total magnetic and optical recording media and parts (sum of item codes 5042–5060)
SELECTED NONMANUFACTURING REVENUES		
9999998900	9110	Resales— Sales of products bought and sold without further manufacture, processing, or assembly
9999998041	9140	Research and development, testing and evaluation of systems and components
9999737230	9290	Systems integration revenues

1/28/08

DUE DATE: 15 Days After Receipt

OMB No. 0607-0476: Approval expires 09-30-08

REPORT FOR 2nd QUARTER 2008
 U.S. DEPARTMENT OF COMMERCE
 BUREAU OF THE CENSUS
 FORM **MQ334R**
CURRENT INDUSTRIAL REPORTS
 COMPUTERS {Shipments}
 Quarterly Report


The 8-digit number that appears above indicates that the Office of Management and Budget has approved this survey. If that number is not displayed, do not complete this form. YOUR REPORT IS CONFIDENTIAL BY LAW (Section 9 Title 13, United States Code). It is seen only by sworn Census Bureau employees and used only for statistical purposes. The law provides that copies retained in your files are immune from legal process. Although you are not required to respond, your cooperation is needed to make the results of this survey comprehensive, accurate, and timely.

In correspondence pertaining to this establishment's report, please refer to the 11 digit Identification Number (ID) 89100459180

If you have questions regarding this report form please contact:
 LINDSAY PETERS EXT 2
 1(800)201-4647

EMPLOYER IDENTIFICATION (EI) NUMBER. Identification number used on Employer's Quarterly Federal Tax Return (U.S. Treasury Department Form 941) **(Enter if not shown, correct if wrong.)**
 160468020

CONTACT PERSON (Enter information if not shown, correct if wrong.)
 Name ATTN: Controller
 Area code Number
 Fax number



ID 89100459180 578 00 0802 12 MQ334R
 40 2008Q2 MQ334R

SEQ: 1

ATTN: Controller
 TEST FORM

SUITLAND MD 11111-9999

(Please correct any error in name and address including ZIP Code)

Enter or correct email address: [TERRY.HINTZ@XEROX.COM]

PART I FOR EACH ITEM LISTED BELOW, ENTER FIGURES OR "0" for current period. (The figures shown in the shaded areas were reported for the previous two periods.) PLEASE REFER TO THE INSTRUCTIONS BEFORE COMPLETING THIS REPORT FORM.

Item (Product code - Description)	Item code	Report period	Quantity of Shipments	Value of Shipments	{Do not report imported or purchased products on which your company performed no further fabrication or significant assembly.}						
			Number of units	[\$1,000}	1	2	3	4	5	6	
If BOOK FIGURES are not readily available, reasonable estimates are acceptable											
ELECTRONIC COMPUTER MANUFACTURING {report quantity in no. of units}											
3341111101-Large-scale systems, including main-frames, super computers	1110	2 QTR									
		1 QTR									
		4 QTR									
3341111104-Midrange servers {all sizes}	1115	2 QTR									
		1 QTR									
		4 QTR									

* Figures not received when form was prepared. PLEASE ENTER, if not previously submitted.

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PART I - Continued

Item (Product code - Description)	Item code	Report period	Quantity of Shipments	Value of Shipments	{Do not report imported or purchased products on which your company performed no further fabrication or significant assembly.}					
			Number of units	(\$1,000)	1	2	3	4	5	6
3341111108-Blade servers	1124	2 QTR								
		1 QTR								
		4 QTR								
3341111112-PC servers	1130	2 QTR								
		1 QTR								
		4 QTR								
3341111117-Other host computers	1197	2 QTR								
		1 QTR								
		4 QTR								
33411111-Total host computers {sum of items 1110-1197}	1199	2 QTR								
		1 QTR								
		4 QTR								
3341117107-Personal computers	1410	2 QTR								
		1 QTR								
		4 QTR								
3341117109-Workstations {see Reference List for more detail}	1420	2 QTR								
		1 QTR								
		4 QTR								
3341117127-Mobile computers: notebooks, subnotebooks, laptops, and tablet PCs	1437	2 QTR								
		1 QTR								
		4 QTR								
3341117129-Smart handheld devices	1447	2 QTR								
		1 QTR								
		4 QTR								
3341117130-All other single-user computers	1492	2 QTR								
		1 QTR								
		4 QTR								
3341117-Total single-user computers {sum of items 1410-1492}	1499	2 QTR								
		1 QTR								
		4 QTR								

CURRENT INDUSTRIAL REPORTS - Continued

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PART I - Continued

Item (Product code - Description)	Item code	Report period	Quantity of Shipments	Value of Shipments	{Do not report imported or purchased products on which your company performed no further fabrication or significant assembly.}				
			Number of units	(\$1,000)	1	2	3	4	5
334111D-Other computers {including array & other analog, hybrid, or special purpose computers}	1500	2 QTR							
		1 QTR							
		4 QTR							
334111- Total Computers {sum of items 1199, 1499, and 1500}	1599	2 QTR							
		1 QTR							
		4 QTR							
COMPUTER STORAGE DEVICES									
3341121109-Disk subsystems & disk arrays for multiuser computer systems	2170	2 QTR	XXXXX						
		1 QTR	XXXXX						
		4 QTR	XXXXX						
3341121112-Disk drives {all sizes}	2227	2 QTR	XXXXX						
		1 QTR	XXXXX						
		4 QTR	XXXXX						
3341121123-Storage Area Networks (SANs)	2390	2 QTR	XXXXX						
		1 QTR	XXXXX						
		4 QTR	XXXXX						
3341121138-Tape drives {all sizes}	2597	2 QTR	XXXXX						
		1 QTR	XXXXX						
		4 QTR	XXXXX						
3341121150-Other computer storage devices	2625	2 QTR	XXXXX						
		1 QTR	XXXXX						
		4 QTR	XXXXX						
3341121-Total computer storage devices & equipment {sum of items 2170-2625}	2629	2 QTR	XXXXX						
		1 QTR	XXXXX						
		4 QTR	XXXXX						
3341124-Computer storage parts & subassemblies	2650	2 QTR	XXXXX						
		1 QTR	XXXXX						
		4 QTR	XXXXX						

CURRENT INDUSTRIAL REPORTS - Continued

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PART I - Continued

Item (Product code - Description)	Item code	Report period	Quantity of Shipments	Value of Shipments	{Do not report imported or purchased products on which your company performed no further fabrication or significant assembly.}			
			Number of units	(\$1,000)	3	4	5	6
			1	2				
COMPUTER TERMINALS								
3341131-Computer terminals	2840	2 QTR	XXXXX					
		1 QTR	XXXXX					
		4 QTR	XXXXX					
3341134-Computer terminal parts & subassemblies {see instructions}	2860	2 QTR	XXXXX					
		1 QTR	XXXXX					
		4 QTR	XXXXX					
COMPUTER PERIPHERAL EQUIPMENT								
3341191110-Input devices, all types	3737	2 QTR	XXXXX					
		1 QTR	XXXXX					
		4 QTR	XXXXX					
3341191115-Optical scanning devices: bar code devices	3752	2 QTR	XXXXX					
		1 QTR	XXXXX					
		4 QTR	XXXXX					
3341191117-Optical scanning devices: OCR equipment	3758	2 QTR	XXXXX					
		1 QTR	XXXXX					
		4 QTR	XXXXX					
3341191124-Optical scanning devices: scanners	3777	2 QTR	XXXXX					
		1 QTR	XXXXX					
		4 QTR	XXXXX					
3341191127-Magnetic strip and ink recognition equipment	3788	2 QTR	XXXXX					
		1 QTR	XXXXX					
		4 QTR	XXXXX					
3341191132-Impact printers: line type and serial type	3807	2 QTR	XXXXX					
		1 QTR	XXXXX					
		4 QTR	XXXXX					

CURRENT INDUSTRIAL REPORTS - Continued

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PART I - Continued

Item (Product code - Description)	Item code	Report period	Quantity of Shipments	Value of Shipments	{Do not report imported or purchased products on which your company performed no further fabrication or significant assembly.}					
			Number of units	[\$1,000]	1	2	3	4	5	6
3341191136-Nonimpact printers, including laser and mult- function	3825	2 QTR	XXXXX							
		1 QTR	XXXXX							
		4 QTR	XXXXX							
3341191147-Monitors {excluding terminals}: flat bed panel	3854	2 QTR	XXXXX							
		1 QTR	XXXXX							
		4 QTR	XXXXX							
3341191152-Monitors: other than flat panel	3867	2 QTR	XXXXX							
		1 QTR	XXXXX							
		4 QTR	XXXXX							
3341191157-Accessories for computer peripherals	3880	2 QTR	XXXXX							
		1 QTR	XXXXX							
		4 QTR	XXXXX							
3341191160-All other peripheral equipment	3885	2 QTR	XXXXX							
		1 QTR	XXXXX							
		4 QTR	XXXXX							
3341191-Total computer peripheral equipment {sum of items 3737-3885}	3889	2 QTR	XXXXX							
		1 QTR	XXXXX							
		4 QTR	XXXXX							
3341194-Parts & subassemblies for computer peripherals	3890	2 QTR	XXXXX							
		1 QTR	XXXXX							
		4 QTR	XXXXX							
3341197-Funds transfer and P.O.S. terminals	4017	2 QTR	XXXXX							
		1 QTR	XXXXX							
		4 QTR	XXXXX							
334119D-Parts & attachments for point of sale and funds transfer devices	4035	2 QTR	XXXXX							
		1 QTR	XXXXX							
		4 QTR	XXXXX							
MAGNETIC & OPTICAL RECORDING MEDIA										

CURRENT INDUSTRIAL REPORTS - Continued

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PART I - Continued

Item (Product code - Description)	Item code	Report period	Quantity of Shipments	Value of Shipments	{Do not report imported or purchased products on which your company performed no further fabrication or significant assembly.}					
			Number of units	(\$1,000)	1	2	3	4	5	6
3346130615-Optical disks	5042	2 QTR	XXXXX							
		1 QTR	XXXXX							
		4 QTR	XXXXX							
3346130630-Magnetic recording media, including parts	5060	2 QTR	XXXXX							
		1 QTR	XXXXX							
		4 QTR	XXXXX							
3346130- Total magnetic and optical recording media and parts {sum of items 5042-5060}	5099	2 QTR	XXXXX							
		1 QTR	XXXXX							
		4 QTR	XXXXX							
SELECTED NONMANUFACTURING REVENUES OF THIS ESTABLISHMENT										
999998900-Resales-Sales of products bought & sold w/o further manufacture, processing or assembly	9110	2 QTR	XXXXX							
		1 QTR	XXXXX							
		4 QTR	XXXXX							
999998041-Research and development, testing & evaluation of systems and components	9140	2 QTR	XXXXX							
		1 QTR	XXXXX							
		4 QTR	XXXXX							
9999737230-Systems integration revenues	9290	2 QTR	XXXXX							
		1 QTR	XXXXX							
		4 QTR	XXXXX							

▶ PART I - Continued								
Item (Product code - Description)	Item code	Report period						
			1	2	3	4	5	6

If all your items are not listed, please use additional lines or a blank sheet of paper.

▶ **PART II Has there been any change in the ownership or operation of this establishment during this period?**
 Yes - Indicate type of change below. No - Skip to Part III.

	Name of company	Address (Number and street, city, State, ZIP Code)	Date of change
A. <input type="checkbox"/> Purchased from			
B. <input type="checkbox"/> Sold to			
C. <input type="checkbox"/> Plant discontinued all operations	Date		
D. <input type="checkbox"/> Plant operations no longer covered by this survey - Describe in "Remarks" the products currently produced.			
E. <input type="checkbox"/> Reorganized - Describe in "Remarks;" e.g., partnership change or change in corporate status.			

▶ **PART III Do the figures shown on this report and on your last report cover the identical establishments?**
 Yes No - Indicate reasons for difference in "Remarks."

▶ **PART IV** Remarks

▶ **PART V CERTIFICATION** - This report is substantially accurate and has been prepared in accordance with instructions.

Signature of authorized official	Title	Date
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Complete and return this form in the envelope provided or to:	▶ Bureau of the Census 1201 East Tenth Street Jeffersonville, IN 47132	NOTE: Please make a photocopy of this for your records.
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