

CURRENT INDUSTRIAL REPORTS SERIES

2008

MQ334P – TELECOMMUNICATIONS

DEFINITIONS AND SPECIAL INSTRUCTIONS

1. Scope of survey

This survey covers the manufacture of all communications equipment and parts in the United States. Included are wire telephone and data communications equipment, radio and television broadcasting equipment, wireless communications equipment, alarm systems and laser sources.

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.

a. Value of shipments

The figures on 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. For some products, the quantity of shipments is not collected.

Shipments should include the following –

Private brand units as well as your own company brand units

Leased machines and equipment – For products leased or rented by your company, report the estimated value. The estimate should approximate the value of the products sold outright. If no such basis is available, you may use the valuation placed on these items for tax, insurance, or similar purposes.

Do not include the following –

Products manufactured for you by others

Imports which are reshipped without further domestic manufacture

Your figure should exclude –

Electric wiring devices (should be reported on survey MA335K, "Wiring Devices and Supplies").

Home entertainment electronic equipment, such as home and automobile radio receivers, television receivers, portable stereos/boom boxes, hi-fidelity components, consumer audio and video tape recorders, loudspeakers, microphones, DVD players, and public address systems (should be reported on survey MA334M, "Consumer Electronics").

b. Columnar structure of report

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

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

3. Definitions

The product detail for this survey is defined according to CCITT and FCC nomenclature for the industry.

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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 codes indicated in column (b) below:

Current Industrial Reports (Form MQ334P) Item codes (a)	Annual Survey of Manufactures Product codes (b)
1205 through 1236	3342101
1312 through 1348	3342104
1400	3344184
1417 through 1490	3342107
1501 through 1529 1541 through 1547 1560 through 1567	3342203 3342205 3342209
1811 through 1838	3342202
1927 through 1949	3342901
2099	3342902
3099	3342903
5201 through 5205	3359997

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REFERENCE LIST

FORM MQ334P		TELECOMMUNICATIONS
Product code	Item code	Item description
TELEPHONE SWITCHING AND SWITCHBOARD EQUIPMENT		
3342101105	1205	Central office switching equipment
3342101119	1223	Private branch exchange switching equipment
3342101125	1234	Other telephone switching and switchboard equipment
3342101199	1236	Parts, components and subassemblies for telephone switching equipment
3342101	1299	Total telephone switching and switchboard equipment (Sum of item codes 1205–1236)
CARRIER LINE EQUIPMENT AND MODEMS		
3342104112	1312	Multiplex equipment, including channel banks, analog and digital
3342104137	1337	All other carrier line equipment
3342104142	1342	External modems for POTS, ISDN, DSL, PSTN
3342104145	1345	Fiber optic equipment: Equipment meeting SONET standards
3342104148	1348	Equipment not meeting SONET standards
3342104	1399	Total carrier line equipment and modems (Sum of item codes 1312–1348)
3344184	1400	External personal computer modems
WIRELINER VOICE AND DATA NETWORK EQUIPMENT		
3342107425	1417	Telephone sets, including wireless phone sets (exclude cell phones)
3342107426	1423	Other public switched telephone network (PSTN) type premise equipment (exclude PBX equipment)
3342107228	1428	Routers
*3342107257	1450	Switches [include Local Area Network (LAN) and Wide Area Network (WAN)]
3342107462	1462	Voice/call message processing equipment
3342107267	1472	Other data communications equipment, wireline type, including those with wireless capabilities
3342107499	1490	Parts, components, and subassemblies
3342107	1499	Total wireline voice and data network equipment (Sum of item codes 1417–1490)

*Revised for 2008

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REFERENCE LIST – Continued

FORM MQ334P		
Product code	Item code	Item description
WIRELESS NETWORKING EQUIPMENT		
3342203103	1501	Cellular base stations
3342203105	1508	Cellular mobile telephone switching equipment
3342203107	1515	Cellular handsets (cell phones)
3342203109	1522	Wi- Fi public equipment
3342203111	1527	Wi Max equipment
3342203113	1529	Other cellular networking equipment
3342203	1530	Total wireless networking equipment (sum of items 1501-1529)
Radio Station Equipment: (Include amateur, meteorological, fixed, telecommand, telemetry, radionavigational and locational, aeronautical communications, mobile, broadcast, Earth exploration, and intersatellite radio station types)		
3342205104	1541	Space based (satellite) stations
3342205109	1543	Airborne and marine based stations
3342205114	1545	Earth fixed based systems
3342205116	1547	Earth mobile based systems
3342205	1550	Total radio station equipment (sum of items 1541-1547)
OTHER COMMUNICATIONS SYSTEMS AND EQUIPMENT		
3342209101	1560	Checkout, monitoring, evaluation, and other electronic support equipment
3342209109	1565	Antenna systems sold separately
3342209125	1567	Other communications systems and equipment
3342209	1570	Total other communications systems and equipment (sum of items 1560 -1567)
BROADCAST, STUDIO, AND RELATED ELECTRONIC EQUIPMENT		
3342202107	1811	Audio production equipment for broadcast studios (include microphones, mixers, other electronic equipment and parts and accessories for such equipment sold separately)
3342202113	1814	Video production equipment (include professional VCRs, switchers, character generators, and other electronic equipment)
3342202116	1816	AM and FM transmitters
3342202118	1818	TV Transmitters
3342202119	1819	Other transmission equipment
3342202143	1827	Cable TV (master antennae and CATV equipment)
3342202144	1833	Closed circuit television systems
3342202155	1837	Other broadcast and antenna equipment
3342202199	1838	Parts and accessories
3342202	1839	Total broadcast, studio, and related electronic equipment (sum of item codes 1811–1838)

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FORM MQ334P		
Product code	Item code	Item description
3342901107	1927	Intrusion detection alarm systems
3342901111	1947	Fire detection and prevention alarm systems
3342901609	1949	Other alarm systems
3342901	1999	Total alarm systems (sum of item codes 1927 – 1949)
3342902	2099	Total vehicular and pedestrian traffic control equipment, electrical railway signals and attachments
3342903	3099	Total intercommunications systems, including inductive paging systems (selective paging), except telephone and telegraph
LASER SOURCES		
3359997101	5201	Nondiode lasers
3359997138	5205	Diode lasers
3359997	5290	Total laser sources (sum of item codes 5201 and 5205)
SELECTED NONMANUFACTURING REVENUES OF THIS ESTABLISHMENT		
9999998900	9940	Resales—Sales of products bought and sold without further manufacture, processing, or assembly
9999998041	9950	Research and development, testing and evaluation of systems and components
NOTES:		

12/12/07