

MQ334P(06)-4

Current data are released electronically on Internet for all individual surveys as they become available. Use: <http://www.census.gov/mcd/>. Individual reports can be accessed by choosing "Current Industrial Reports (CIR)," clicking on "CIRs by Subsector;" then choose the survey of interest. Follow the menu to view the PDF file or to download the worksheet file (XLS format) to your personal computer.

These data are also available on Internet through the U.S. Department of Commerce and STAT-USA by subscription. The Internet address is: [www.stat-usa.gov/](http://www.stat-usa.gov/). Follow the prompts to register. Also, you may call 202-482-1986 or 1-800-STAT-USA, for further information.

## Current Industrial Reports

Address inquiries concerning these data to Investment Goods Industries Branch, Manufacturing and Construction Division, (MCD), Washington, DC 20233-6900, or call Keith McKenzie, 301-763-4777.

For mail or fax copies of this publication, please contact the Information Services Center, MCD, Washington, DC 20233-6900, or call 301-763-4673.

# U S C E N S U S B U R E A U

*Helping You Make Informed Decisions*

U.S. Department of Commerce  
Economics and Statistics Administration  
U.S. CENSUS BUREAU

Table 1. Value of Shipments of Telecommunications Equipment by Class of Product  
 [Millions of dollars]

Product class code	Product description	Fourth quarter 2006	Third quarter 2006
3342101	Telephone switching and switchboard equipment.....	440.1	478.1
3342104	Carrier line equipment and nonconsumer modems.....	735.2	802.5
3342107	Wireline voice and data network equipment.....	4,869.0	4,705.2
3342201	Communication systems and equipment, including microwave equipment and space satellites.....	7,684.5	7,544.6
3342202	Broadcast, studio, and related electronic equipment.....	931.2	913.5
3342901	Alarm systems, including electric sirens and horns.....	347.6	r/ 405.1
3342902	Vehicular and pedestrian traffic control equipment, including electric railway signals and attachments.....	266.6	257.6
3342903	Intercommunications systems, including inductive paging systems (selective calling) (except telephone and telegraph).....	130.9	116.0
3344184	External modems, consumer.....	16.9	r/ 17.9

r/Revised by 5 percent or more from previously published data.

Table 2. Value of Shipments of Telecommunication Equipment By Product Code  
 [Value in thousands of dollars]

Product code	Product description	No. of cos.		Fourth quarter 2006		Third quarter 2006
3342101	Telephone switching and switchboard equipment.....	51		440,061		478,059
3342101105	Central office switching equipment.....	12		115,344	r/	117,454
3342101119	Private branch exchange switching equipment.....	11		93,610	r/	88,265
3342101125	Other telephone switching and switchboard equipment.....	28		215,059	r/	257,159
3342101199	Parts, components, and subassemblies for telephone switching equipment.....	14	a/	16,048	a/	15,181
3342104	Carrier line equipment and nonconsumer modems.....	61		735,165		802,482
3342104112	Multiplex equipment, including channel banks, analog, and digital.....	25	a/	241,656	a/	280,833
3342104137	All other carrier line equipment.....	26	a/	152,646	a/	169,986
3342104142	External modems for POTS, ISDN, DSL, PSTN.....	14	a/	65,275	r/	75,242
3342104145	Fiber optic equipment meeting SONET standards.....	10		161,134		167,681
3342104148	Fiber optic equipment not meeting SONET standards.....	9	b/	114,454	r/	108,740
3342107	Wireline voice and data network equipment.....	126		4,869,035		4,705,153
3342107125	Telephone sets, including wireless phone sets (excluding cell phones).....	24	c/	77,387	c/	82,025
3342107126	Other public switched telephone network (PSTN) type premise equipment, excluding PBX equipment.....	6	c/	11,138	b/	5,114
3342107127	Consumer (low end) routers.....	3		(D)		(D)
3342107129	Service provider routers.....	6		(D)		(D)
3342107131	Enterprise routers.....	7		267,837	a/	264,067
3342107132	Wireless routers.....	4		(D)		(D)
3342107133	Bridges and hubs.....	-		-		-
3342107135	Terminal servers.....	1		(D)		(D)
3342107137	Ethernet switches (10Base T, 100Base T, gigabit).....	5		(D)		(D)
3342107162	Voice/call message processing equipment, including answering devices.....	27		(D)		153,189
3342107167	Other data communications equipment, wireline type.....	55		(D)		(D)
3342107199	Parts, components and subassemblies for wireline voice and data network equipment.....	18	c/	32,651	r/	31,281
3342201	Communication systems and equipment, including microwave equipment and space satellites.....	235		7,684,460		7,544,560
	Wireless networking equipment:					
3342201203	Cellular-based stations.....	4		(D)		(D)
3342201205	Cellular mobile telephone switching equipment.....	9	a/	206,376		179,641
3342201207	Cellular handsets (cell phones).....	8		(D)		1,039,586
3342201209	Wi-Fi public equipment.....	3		(D)		(D)
3342201211	Wi-Max equipment.....	2		(D)		(D)
3342201213	Other cellular networking equipment.....	12		342,964		378,863
	Equipment by location:					
3342201304	Space-based (satellite) stations.....	6		947,020		760,249
3342201309	Airborne- and marine-based stations.....	12		350,020		(D)
3342201314	Earth-based (fixed) stations.....	35	a/	793,925		766,098
3342201316	Earth-based (mobile) systems.....	17		1,552,363		1,458,445
3342201331	Global positional system (GPS) equipment.....	2		(D)		(D)
	Other type:					
3342201401	Checkout, monitoring, evaluation, and other electronic support equipment for communications systems.....	37	a/	134,622	a/	160,516
3342201409	Antenna systems, sold separately.....	64	b/	232,904	a/	300,467
3342201425	Other communications systems and equipment.....	117	b/	1,114,517	r/	1,094,312

Table 2. Value of Shipments of Telecommunication Equipment By Product Code  
 [Value in thousands of dollars]

Product code	Product description	No. of cos.		Fourth quarter 2006		Third quarter 2006
3342202	Broadcast, studio, and related electronic equipment.....	137		931,161		913,488
3342202107	Audio production equipment for broadcast studios.....	38	b/	80,796	b/	79,317
3342202113	Video production equipment.....	31	b/	228,823	b/	205,241
3342202139	Transmitters, translators, RF power amplifiers, and related equipment for broadcast, including studio transmission links and remote pickup equipment.....	35	c/	232,598	b/	199,299
3342202143	Cable television (master antennae and CATV equipment).....	18	c/	56,742	c/	81,963
3342202144	Closed circuit television systems and equipment (specially designed cameras, monitors, video recorders, receivers, scan converters, and control consoles), excluding broadcast and consumer products.....	14	b/	235,890	a/	226,532
3342202155	Other broadcast and antenna equipment.....	29	a/	71,281	a/r/	67,751
3342202199	Parts and accessories for broadcast, studio, and related electronic equipment, sold separately.....	19	b/	25,031	a/	53,385
3342901	Alarm systems, including electric sirens and horns.....	66		347,623	r/	405,083
3342901107	Intrusion detection alarm systems.....	27	b/	44,749	r/	31,578
3342901111	Fire detection and prevention alarm systems.....	28		204,664	r/	271,982
3342901609	Other alarm systems, including electric sirens and horns (marine, industrial, and air raid), and security locking systems...	22	a/	98,210	r/	101,523
3342902	Vehicular and pedestrian traffic control equipment, including electric railway signals and attachments.....	33	b/	266,552	a/	257,591
3342903	Intercommunications systems, including inductive paging systems (selective calling) (except telephone and telegraph).....	32	b/	130,908	b/	116,033
3344184	External modems, consumer.....	5		16,864	r/	17,861

- Represents zero. D Withheld to avoid disclosing data for individual companies. r/Revised by 5 percent or more from previously published data.

Note: Percent of estimation of each item is indicated as follows: a/10 to 25 percent of this item has been estimated. b/26 to 50 percent of this item has been estimated. c/Over 50 percent of this item has been estimated.

Table 3a. Shipments, Exports, and Imports of Telecommunications Equipment: Fourth Quarter 2006  
 [Value in thousands of dollars]

Product code	Product description	Manufacturers' shipments (value f.o.b plant)	Exports of domestic merchandise (value at port) 1/	Imports for consumption (value) 2/ 3/
3342101105	Central office switching equipment.....	115,344	42,958	7,923
3342101119	Private branch exchange switching equipment.....	93,610	5,715	11,142
3342101125	Other telephone switching and switchboard equipment.....	215,059	51,156	16,700
3342104142, 3344184	External modems for POTS, ISDN, DSL, PSTN, and external modems, consumer.....	82,139	73,220	182,264
3342107125	Telephone sets, including wireless phone sets, excluding cell phones.....	77,387	59,400	696,001
3342107126, 127, 129, 131, 132, 133, 135, 137, 162, 167	Wireline voice and data network equipment, n.e.c., including voice frequency equipment.....	(D)	97,735	203,442
3342201207	Cellular handsets (cell phones).....	(D)	1,021,292	7,523,121
3342201409	Antennae systems, sold seperately.....	232,904	318,621	290,372
3342202107	Audio production equipment for broadcast studios.....	80,796	69,764	154,496
3342202139	Transmitters, translators, RF power amplifiers and related equipment for broadcast, including studio transmission links and remote pickup equipment.....	232,598	99,146	182,779
3342202143, 144	Cable television and closed circuit television systems and equipment.....	292,632	96,063	156,587
3342901107	Intrusion detection alarm systems.....	44,749	26,247	29,717
3342901111	Fire detection and prevention alarm systems.....	204,664	59,803	112,716
3342902	Vehicular and pedestrian traffic control equipment, including electric railway signals and attachments.....	266,552	54,779	63,039
3342903	Intercommunications systems, including inductive paging systems (selective paging) (except telephone and telegraph).....	130,908	39,081	39,460

D Withheld to avoid disclosing data for individual companies. n.e.c. Not elsewhere classified.

1/Source: Census Bureau report EM 545, U.S. Exports.

2/Source: Census Bureau report IM 145, U.S. Imports for Consumption.

3/Value represents the c.i.f. (cost, insurance, and freight) value at first port of entry in the United States plus import duties.

Table 3b. Shipments, Exports, and Imports of Telecommunications Equipment: Third Quarter 2006  
 [Value in thousands of dollars]

Product code	Product description	Manufacturers' shipments (value f.o.b plant)	Exports of domestic merchandise (value at port) 1/	Imports for consumption (value) 2/3/
3342101105	Central office switching equipment.....	r/ 117,454	41,120	5,809
3342101119	Private branch exchange switching equipment.....	r/ 88,265	7,199	16,617
3342101125	Other telephone switching and switchboard equipment.....	r/ 257,159	74,950	16,473
3342104142, 3344184	External modems for POTS, ISDN, DSL, PSTN, and external modems, consumer.....	r/ 93,103	64,999	175,364
3342107125	Telephone sets, including wireless phone sets, excluding cell phones.....	82,025	61,807	738,060
3342107126, 127, 129, 131, 132, 133, 135, 137, 162, 167	Wireline voice and data network equipment, n.e.c., including voice frequency equipment.....	(D)	73,991	187,533
3342201207	Cellular handsets (cell phones).....	1,039,586	922,022	7,028,230
3342201409	Antennae systems, sold separately.....	300,467	225,927	258,063
3342202107	Audio production equipment for broadcast studios.....	79,317	83,848	111,074
3342202139	Transmitters, translators, RF power amplifiers and related equipment for broadcast, including studio transmission links and remote pickup equipment.....	199,299	103,722	185,529
3342202143, 144	Cable television and closed circuit television systems and equipment.....	308,495	72,000	125,758
3342901107	Intrusion detection alarm systems.....	r/ 31,578	18,198	34,256
3342901111	Fire detection and prevention alarm systems.....	r/ 271,982	57,985	92,426
3342902	Vehicular and pedestrian traffic control equipment, including electric railway signals and attachments.....	257,591	51,156	54,695
3342903	Intercommunications systems, including inductive paging systems (selective paging) (except telephone and telegraph).....	116,033	25,229	33,638

D Withheld to avoid disclosing data for individual companies. n.e.c. Not elsewhere classified. r/Revised by 5 percent or more from previously published data.

1/Source: Census Bureau report EM 545, U.S. Exports.

2/Source: Census Bureau report IM 145, U.S. Imports for Consumption.

3/Value represents the c.i.f. (cost, insurance, and freight) value at first port of entry in the United States plus import duties.

Table 4. Comparison of North American Industry Classification System (NAICS)-Based Product Codes with Schedule B Export Codes, and HTSUSA Import Codes: 2006

Product code	Product description	Export code 1/	Import code 2/
3342101105	Central office switching equipment.....	8517.30.1500	8517.30.1500
3342101119	Private branch exchange switching equipment.....	8517.30.2000	8517.30.2000
3342101125	Other telephone switching and switchboard equipment.....	8517.30.2500 8517.30.3000	8517.30.2500 8517.30.3000
3342104142, 3344184	External modems for POTS, ISDN, DSL, PSTN, and external modems, consumer.....	8517.50.1000	8517.50.1000
3342107125	Telephone sets, including wireless phone sets, excluding cell phones.....	8517.11.0000 8517.19.0000 8518.30.1000	8517.11.0000 8517.19.8020 8517.19.8040 8517.19.8050 8517.19.8070 8517.19.8080 8518.30.1000
3342107126, 127, 129, 131, 132, 133, 135, 137, 162, 167	Wireline voice and data network equipment, n.e.c., including voice frequency equipment.....	8517.30.5000 8517.80.1020 8517.80.2000	8517.30.5000 8517.80.1020 8517.80.2000
3342201207	Cellular handsets (cell phones).....	8525.20.1000 8525.20.2000 8525.20.3005 8525.20.3030 8525.20.3040 8525.20.3042 8525.20.3045 8525.20.3055 8525.20.9020 8525.20.9040 8525.20.9080	8525.20.0500 8525.20.1500 8525.20.2000 8525.20.3010 8525.20.3015 8525.20.3025 8525.20.3040 8525.20.3060 8525.20.3065 8525.20.3070 8525.20.3080 8525.20.9020 8525.20.9060 8525.20.9070 8525.20.9080
3342201409	Antennae systems, sold separately.....	8529.10.2020 8529.10.2050 8529.10.2090 8529.10.4000 8529.10.6000	8529.10.2020 8529.10.2050 8529.10.2090 8529.10.4040 8529.10.4080 8529.10.7000 8529.10.9000
3342202107	Audio production equipment for broadcast studios.....	8518.40.2000	8518.40.2000
3342202139	Transmitters, translators, RF power amplifiers and related equipment for broadcast, including studio transmission links and remote pickup equipment.....	8525.10.6010 8525.10.6030 8525.10.6050 8525.10.6070 8525.10.6090 8525.10.8020 8525.10.8040	8525.10.7025 8525.10.7045 8525.10.7065 8525.10.7085 8525.10.7090 8525.10.9025 8525.10.9045 8525.10.9065 8525.10.9085 8525.10.9090

Table 4. Comparison of North American Industry Classification System (NAICS)-Based Product Codes with Schedule B Export Codes, and HTSUSA Import Codes: 2006

Product code	Product description	Export code 1/	Import code 2/
3342101105	Central office switching equipment.....	8517.30.1500	8517.30.1500
3342101119	Private branch exchange switching equipment.....	8517.30.2000	8517.30.2000
3342101125	Other telephone switching and switchboard equipment.....	8517.30.2500 8517.30.3000	8517.30.2500 8517.30.3000
3342202143, 144	Cable television and closed circuit television systems and equipment.....	8525.10.2050	8525.10.3035
3342901107	Intrusion detection alarm systems.....	8531.10.0035	8531.10.0035
3342901111	Fire detection and prevention alarm systems.....	8531.10.0015 8531.10.0025 8531.10.0045	8531.10.0015 8531.10.0025 8531.10.0045
3342902	Vehicular and pedestrian traffic control equipment, including electric railway signals and attachments.....	8530.10.0000 8530.80.0000 8530.90.0000	8530.10.0000 8530.80.0000 8530.90.0000
3342903	Intercommunications systems, including inductive paging systems (selective paging) (except telephone and telegraph).....	8517.80.1010 8527.90.8600	8517.80.1010 8527.90.8600

n.e.c. Not elsewhere classified.

1/Source: 2006 edition, Harmonized System-based Schedule B, Statistical Classification of Domestic and Foreign Commodities Exported from the United States.

2/Source: Harmonized Tariff Schedule of the United States, Annotated (2006).