

Telecommunications: First Quarter and Second Quarter: 2006

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

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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	Second quarter 2006	First quarter 2006
3342101	Telephone switching and switchboard equipment.....	439.3	436.1
3342104	Carrier line equipment and nonconsumer modems.....	749.6	746.3
3342107	Wireline voice and data network quipment.....	4,702.2	4,427.8
3342201	Communication systems and equipment, including microwave equipment and space satellites.....	7,652.5	7,644.2
3342202	Broadcast, studio, and related electronic equipment.....	886.3	817.1
3342901	Alarm systems, including electric sirens and horns.....	419.3	390.9
3342902	Vehicular and pedestrian traffic control equipment, including electric railway signals and attachments.....	245.9	246.2
3342903	Intercommunications systems, including inductive paging systems (selective calling) (except telephone and telegraph).....	101.4	89.5
3344184	External modems, consumer.....	27.6	27.3

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

Product code	Product description	No. of cos.		Second quarter 2006		First quarter 2006
3342101	Telephone switching and switchboard equipment.....	55		436,087		439,319
3342101105	Central office switching equipment.....	13	b/	153,969	b/	141,523
3342101119	Private branch exchange switching equipment.....	13	a/	84,944	a/	92,425
3342101125	Other telephone switching and switchboard equipment.....	28	b/	179,510	b/	188,705
3342101199	Parts, components, and subassemblies for telephone switching equipment.....	14	b/	17,664	b/	16,666
3342104	Carrier line equipment and nonconsumer modems.....	63		746,317		749,586
3342104112	Multiplex equipment, including channel banks, analog, and digital.....	26	a/	212,999	a/	225,177
3342104137	All other carrier line equipment.....	27	b/	248,542	b/	234,261
3342104142	External modems for POTS, ISDN, DSL, PSTN.....	14	a/	89,379	a/	71,946
3342104145	Fiber optic equipment meeting SONET standards.....	11		144,411	a/	161,157
3342104148	Fiber optic equipment not meeting SONET standards.....	8	a/	50,986	a/	57,045
3342107	Wireline voice and data network equipment.....	132		4,427,765		4,702,179
3342107125	Telephone sets, including wireless phone sets (excluding cell phones).....	26	b/	77,613	b/	78,309
3342107126	Other public switched telephone network (PSTN) type premise equipment, excluding PBX equipment.....	6		3,419		3,526
3342107127	Consumer (low end) routers.....	4		(D)		(D)
3342107129	Service provider routers.....	5		(D)		(D)
3342107131	Enterprise routers.....	8		266,041		272,929
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.....	26	b/	141,146	b/	147,650
3342107167	Other data communications equipment, wireline type.....	56		(D)		(D)
3342107199	Parts, components, and subassemblies for wireline voice and data network equipment.....	20	b/	37,644	b/	39,775
3342201	Communication systems and equipment, including microwave equipment and space satellites.....	243		7,644,189		7,652,452
	Wireless networking equipment:					
3342201203	Cellular-based stations.....	4		618,444		702,245
3342201205	Cellular mobile telephone switching equipment.....	8	a/	185,283	a/	209,974
3342201207	Cellular handsets (cell phones).....	10		1,319,348		1,023,590
3342201209	Wi-Fi public equipment.....	3		(D)		(D)
3342201211	Wi-Max equipment.....	1		(D)		(D)
3342201213	Other cellular networking equipment.....	9		321,281		371,094
	Equipment by location:					
3342201304	Space-based (satellite) stations.....	6		772,373		844,230
3342201309	Airborne- and marine-based stations.....	14		(D)		(D)
3342201314	Earth-based (fixed) stations.....	44	a/	851,946	a/	918,725
3342201316	Earth-based (mobile) systems.....	18	a/	1,450,883	a/	1,451,022
3342201331	Global positional system (GPS) equipment.....	2		(D)		(D)
	Other type:					
3342201401	Checkout, monitoring, evaluation, and other electronic support equipment for communications systems.....	42		188,354	a/	222,648
3342201409	Antenna systems, sold separately.....	64	b/	363,799	b/	387,255
3342201425	Other communications systems and equipment.....	112	a/	1,303,794	b/	1,267,383
3342202	Broadcast, studio, and related electronic equipment.....	144		817,074		886,332
3342202107	Audio production equipment for broadcast studios.....	42		71,789		80,702
3342202113	Video production equipment.....	29	b/	185,189	b/	207,420
3342202139	Transmitters, translators, RF power amplifiers, and related equipment for broadcast, including studio transmission links and remote pickup equipment.....	33	b/	159,429	b/	189,269
3342202143	Cable television (master antennae and CATV equipment).....	22	a/	97,385	a/	98,970

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

Product code	Product description	No. of cos.		Second quarter 2006		First quarter 2006
3342202144	Closed circuit television systems and equipment (specially designed cameras, monitors, video recorders, receivers, scan converters, and control consoles), excluding broadcast and consumer products.....	15	a/	198,026	a/	218,292
3342202155	Other broadcast and antenna equipment.....	28	a/	62,218	b/	67,501
3342202199	Parts and accessories for broadcast, studio and related electronic equipment, sold separately.....	20	a/	43,038	a/	24,178
3342901	Alarm systems, including electric sirens and horns.....	67		390,919		419,291
3342901107	Intrusion detection alarm systems.....	28	b/	25,470	c/	27,945
3342901111	Fire detection and prevention alarm systems.....	28	a/	278,776	a/	294,033
3342901609	Other alarm systems, including electric sirens and horns (marine, industrial, and air raid), and security locking systems....	26	b/	86,673	b/	97,313
3342902	Vehicular and pedestrian traffic control equipment, including electric railway signals and attachments.....	33	a/	246,159	a/	245,874
3342903	Intercommunications systems, including inductive paging systems (selective calling) (except telephone and telegraph).....	34	b/	89,514	b/	101,425
3344184	External modems, consumer.....	6	b/	27,346	b/	27,577

- Represents zero. D Withheld to avoid disclosing data for individual companies.

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: Second 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 telephonic switching equipment.....	141,523	45,308	7,026
3342101119	Private branch telephonic exchange switching equipment.....	92,425	7,178	18,327
3342101125	Other telephone switching and switchboard equipment.....	188,705	32,903	15,820
3342104142, 3344184	External modems for POTS, ISDN, DSL, PSTN, and external modems, consumer.....	99,523	65,758	157,800
3342107125	Telephone sets, including wireless phone sets (excluding cell phones).....	78,309	72,262	753,959
3342107126, 127, 129, 131, 132, 133, 135, 137, 162, 167	Wireline voice and data network equipment, n.e.c., including voice frequency equipment.....	(D)	81,265	176,692
3342201207	Cellular handsets (cell phones).....	1,023,590	918,423	7,567,911
3342201409	Antennae systems, sold separately.....	387,255	242,407	324,290
3342202107	Audio production equipment for broadcast studios.....	80,702	80,431	118,317
3342202139	Transmitters, translators, RF power amplifiers and related equipment for broadcast, including studio transmission links and remote pickup equipment.....	189,269	103,552	161,683
3342202143, 144	Cable television and closed circuit television systems and equipment.....	317,262	95,712	75,450
3342901107	Intrusion detection alarm systems.....	27,945	19,639	198,003
3342901111	Fire detection and prevention alarm systems.....	294,033	48,364	76,230
3342902	Vehicular and pedestrian traffic control equipment, including electric railway signals and attachments.....	245,874	59,832	56,965
3342903	Intercommunications systems, including inductive paging systems (selective paging) (except telephone and telegraph).....	101,425	8,359	25,596

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.

Note: For comparison of the North American Industry Classification System (NAICS)-based product codes with Schedule B export codes and HTSUSA import codes, see Table 4.

Table 3b. Shipments, Exports, and Imports of Telecommunications Equipment: First 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 telephonic switching equipment.....	153,969	27,305	5,772
3342101119	Private branch telephonic exchange switching equipment.....	84,944	5,692	16,227
3342101125	Other telephone switching and switchboard equipment.....	179,510	24,614	13,555
3342104142, 3344184	External modems for POTS, ISDN, DSL, PSTN, and external modems, consumer.....	116,725	56,647	149,758
3342107125	Telephone sets, including wireless phone sets (excluding cell phones).....	77,613	66,550	631,498
3342107126, 127, 129, 131, 132, 133, 135, 137, 162, 167	Wireline voice and data network equipment, n.e.c., including voice frequency equipment.....	(D)	74,094	212,531
3342201207	Cellular handsets (cell phones).....	1,319,348	713,866	8,884,069
3342201409	Antennae systems, sold separately.....	363,799	270,332	260,743
3342202107	Audio production equipment for broadcast studios.....	71,789	76,778	104,195
3342202139	Transmitters, translators, RF power amplifiers and related equipment for broadcast, including studio transmission links and remote pickup equipment.....	159,429	88,809	138,858
3342202143, 144	Cable television and closed circuit television systems and equipment.....	295,411	89,383	117,179
3342901107	Intrusion detection alarm systems.....	25,470	22,822	27,948
3342901111	Fire detection and prevention alarm systems.....	278,776	52,392	74,597
3342902	Vehicular and pedestrian traffic control equipment, including electric railway signals and attachments.....	246,159	52,620	44,054
3342903	Intercommunications systems, including inductive paging systems (selective paging) (except telephone and telegraph).....	89,514	7,361	27,436

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.

Note: For comparison of the North American Industry Classification System (NAICS)-based product codes with Schedule B export codes and HTSUSA import codes, see Table 4.

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 telephonic switching equipment.....	8517.30.1500	8517.30.1500
3342101119	Private branch telephonic 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/
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).