

U.S. Census Bureau  
Telecommunications - Summary 2010  
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Table 1. Value of Shipments of Telecommunication Equipment by Class of Product  
 [Millions of dollars]

Product class code	Product description	Year and quarter		Value
		2010		
3342101	Total telephone switching and switchboard equipment	Total	c/	846.7
		Fourth quarter	r/ c/	218.9
		Third quarter	r/ c/	226.3
		Second quarter	r/ c/	221.4
		First quarter	r/ c/	180.2
		2009		
		Total	b/	1,067.7
		Fourth quarter	b/	209.1
		Third quarter	b/	267.9
		Second quarter	b/	298.4
		First quarter	c/	292.3
		2010		
3342104	Total carrier line equipment and modems	Total	a/	3,034.9
		Fourth quarter	a/	745.7
		Third quarter	a/	786.3
		Second quarter	a/	764.7
		First quarter	a/	738.2
		2009		
		Total	b/	2,850.7
		Fourth quarter	b/	736.8
		Third quarter	b/	789.5

Second quarter	b/	696.0
First quarter	b/	628.4

2010

Total	c/	3,383.6
Fourth quarter	r/ c/	779.6
Third quarter	r/ c/	810.6
Second quarter	r/ c/	807.1
First quarter	r/ c/	986.2

2009

Total	b/	3,187.2
Fourth quarter	b/	789.6
Third quarter	c/	785.1
Second quarter	b/	845.8
First quarter	b/	766.6

2010

Total	c/	3,884.6
Fourth quarter	c/	1,013.2
Third quarter	c/	926.0
Second quarter	c/	1,074.1
First quarter	r/ c/	871.3

2009

Total	r/ b/	3,633.1
Fourth quarter	r/ c/	866.6
Third quarter	r/ c/	908.5
Second quarter	r/ c/	813.3
First quarter	r/ b/	1,044.7

3342107 Total wireline voice and data network equipment

3342203 Total wireless networking equipment

		2010		
3342205	Total radio station equipment	Total	c/	15,254.8
		Fourth quarter	c/	3,937.5
		Third quarter	c/	3,870.4
		Second quarter	c/	3,803.0
		First quarter	r/ c/	3,643.8
		2009		
		Total	c/	16,436.9
		Fourth quarter	c/	3,808.8
		Third quarter	c/	4,303.0
		Second quarter	b/	4,493.0
		First quarter	b/	3,832.1
		2010		
3342209	Total other communication systems and equipment	Total	b/	8,300.7
		Fourth quarter	r/ a/	1,987.1
		Third quarter	r/ a/	2,055.1
		Second quarter	r/ b/	2,249.2
		First quarter	r/ b/	2,009.2
		2009		
		Total	r/ b/	8,970.4
		Fourth quarter	r/ b/	2,317.3
		Third quarter	r/ b/	2,178.9
		Second quarter	r/ b/	2,220.9
		First quarter	r/ b/	2,253.2
		2010		
3342202	Total broadcast, studio, and related electronic equipment	Total	a/	4,553.5

Fourth quarter	a/	1,150.9
Third quarter	a/	1,164.2
Second quarter	a/	1136.7
First quarter	a/	1,101.7

2009

Total	r/ c/	4,574.2
Fourth quarter	a/	1,215.2
Third quarter	a/	1,108.6
Second quarter		(S)
First quarter		(S)

2010

Total	c/	1,733.4
Fourth quarter	c/	447.9
Third quarter	c/	437.4
Second quarter	c/	443.9
First quarter	c/	404.3

2009

Total	a/	1,663.4
Fourth quarter	a/	400.6
Third quarter	a/	406.8
Second quarter	a/	427.6
First quarter	a/	428.4

2010

Total		(S)
Fourth quarter		(S)
Third quarter		(S)
Second quarter		(S)

3342901 Total alarm systems

3342902 Total vehicular and pedestrian traffic control equipment, electrical railway signals and attachments

		First quarter		(S)
		2009		
		Total		(S)
		Fourth quarter		(S)
		Third quarter		(S)
		Second quarter		(S)
		First quarter		(S)
		2010		
3342903	Total intercommunications systems, including inductive paging systems (selective calling), except telephone and telegraph	Total	a/	398.7
		Fourth quarter	a/	84.8
		Third quarter	a/	106.7
		Second quarter	a/	108.0
		First quarter	r/ a/	99.2
		2009		
		Total	b/	388.5
		Fourth quarter	b/	86.9
		Third quarter	b/	102.8
		Second quarter	b/	91.7
		First quarter	b/	107.1
		2010		
3344184	External personal computer modems	Total		(D)
		Fourth quarter		(D)
		Third quarter		(D)
		Second quarter		(D)
		First quarter		(D)
		2009		

Total		(D)
Fourth quarter		(D)
Third quarter	c/	10.8
Second quarter	c/	9.4
First quarter	c/	10.6

\*Note: Details may not add to total due to independent rounding.

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

Product code	Product description	Quarter and year	Companies	Quantity	Value
3342101	Total telephone switching and switchboard equipment	Total	(X)	(X) c/	846,702
		Fourth quarter 2010	(X)	(X) r/ c/	218,863
		Third quarter 2010	(X)	(X) r/ c/	226,268
		Second quarter 2010	(X)	(X) r/ c/	221,390
		First quarter 2010	(X)	(X) r/ c/	180,181
		Total		(X) b/	1,067,686
		Fourth quarter 2009		(X) b/	209,063
		Third quarter 2009		(X) b/	267,930
		Second quarter 2009		(X) b/	298,357
		First quarter 2009		(X) c/	292,336
3342101105	Central office switching equipment	Total	(X)	(X) (S)	(S)
		Fourth quarter 2010	10	(X) (S)	(S)
		Third quarter 2010	10	(X) (S)	(S)
		Second quarter 2010	10	(X) (S)	(S)
		First quarter 2010	10	(X) (S)	(S)
		Total		(X) a/	170,313
		Fourth quarter 2009		(X) a/	40,829
		Third quarter 2009		(X) a/	47,434
		Second quarter 2009		(X) a/	43,863
		First quarter 2009		(X) a/	38,187
3342101119	Private branch exchange switching equipment	Total	(X)	(X) (S)	(S)
		Fourth quarter 2010	6	(X) (S)	(S)
		Third quarter 2010	6	(X) (S)	(S)
		Second quarter 2010	6	(X) (S)	(S)
		First quarter 2010	7	(X) (S)	(S)
		Total		(X) (S)	(S)



		Fourth quarter 2009	(X)		(S)
		Third quarter 2009	(X)		(S)
		Second quarter 2009	(X)		(S)
		First quarter 2009	(X)		(S)
3342101125	Other telephone switching and switchboard equipment	Total	(X)	(X)	b/ 478,172
		Fourth quarter 2010	19	(X)	b/ 117,866
		Third quarter 2010	19	(X)	b/ 127,387
		Second quarter 2010	20	(X)	b/ 132,689
		First quarter 2010	21	(X)	b/ 100,230
		Total		(X)	a/ 676,675
		Fourth quarter 2009		(X)	a/ 132,639
		Third quarter 2009		(X)	a/ 185,245
		Second quarter 2009		(X)	a/ 191,336
		First quarter 2009		(X)	a/ 167,455
3342101199	Parts, components, and subassemblies for telephone switching equipment	Total	(X)	(X)	(S)
		Fourth quarter 2010	11	(X)	(S)
		Third quarter 2010	11	(X)	(S)
		Second quarter 2010	11	(X)	(S)
		First quarter 2010	12	(X)	(S)
		Total		(X)	(S)
		Fourth quarter 2009		(X)	(S)
		Third quarter 2009		(X)	(S)
		Second quarter 2009		(X)	r/ a/ 25,183
		First quarter 2009		(X)	(S)
3342104	Total carrier line equipment and modems	Total	(X)	(X)	a/ 3,034,915
		Fourth quarter 2010	(X)	(X)	a/ 745,742
		Third quarter 2010	(X)	(X)	a/ 786,331
		Second quarter 2010	(X)	(X)	a/ 764,665
		First quarter 2010	(X)	(X)	a/ 738,177
		Total		(X)	b/ 2,850,659
		Fourth quarter 2009		(X)	b/ 736,814

		Third quarter 2009	(X)	b/	789,461
		Second quarter 2009	(X)	b/	695,952
		First quarter 2009	(X)	b/	628,432
3342104112	Multiplex equipment, including channel banks, analog and digital	Total	(X)	(X)	b/ 971,597
		Fourth quarter 2010	19	(X)	b/ 243,182
		Third quarter 2010	19	(X)	b/ 245,182
		Second quarter 2010	19	(X)	b/ 235,880
		First quarter 2010	19	(X)	b/ 247,353
		Total		(X)	b/ 1,013,916
		Fourth quarter 2009		(X)	b/ 278,357
		Third quarter 2009		(X)	c/ 259,257
		Second quarter 2009		(X)	a/ 226,611
		First quarter 2009		(X)	a/ 249,691
3342104137	All other carrier line equipment	Total	(X)	(X)	c/ 383,997
		Fourth quarter 2010	18	(X)	c/ 94,361
		Third quarter 2010	19	(X)	c/ 96,097
		Second quarter 2010	19	(X)	c/ 94,206
		First quarter 2010	19	(X)	c/ 99,333
		Total		(X)	(S)
		Fourth quarter 2009		(X)	(S)
		Third quarter 2009		(X)	(S)
		Second quarter 2009		(X)	(S)
		First quarter 2009		(X)	(S)
3342104142	External modems for POTS, ISDN, DSL, PSTN	Total	(X)	(X)	(S)
		Fourth quarter 2010	13	(X)	(S)
		Third quarter 2010	13	(X)	(S)
		Second quarter 2010	13	(X)	(S)
		First quarter 2010	13	(X)	(S)
		Total		(X)	(S)
		Fourth quarter 2009		(X)	(S)
		Third quarter 2009		(X)	(S)

		Second quarter 2009	(X)		(S)
		First quarter 2009	(X)		(S)
3342104145	Fiber optic equipment meeting SONET standards	Total	(X)	(X)	791,154
		Fourth quarter 2010	11	(X) a/	164,941
		Third quarter 2010	11	(X)	204,414
		Second quarter 2010	11	(X)	216,674
		First quarter 2010	10	(X) r/	205,125
		Total		(X)	569,057
		Fourth quarter 2009		(X)	156,251
		Third quarter 2009		(X)	174,506
		Second quarter 2009		(X)	142,739
		First quarter 2009		(X)	95,561
3342104148	Fiber optic equipment not meeting SONET standards	Total	(X)	(X)	851,864
		Fourth quarter 2010	10	(X)	233,137
		Third quarter 2010	10	(X)	231,564
		Second quarter 2010	10	(X)	211,032
		First quarter 2010	10	(X)	176,131
		Total		(X)	664,865
		Fourth quarter 2009		(X)	170,597
		Third quarter 2009		(X)	186,157
		Second quarter 2009		(X)	166,606
		First quarter 2009		(X)	141,505
3342107	Total wireline voice and data network equipment	Total	(X)	(X) c/	3,383,567
		Fourth quarter 2010	(X)	(X) r/ c/	779,644
		Third quarter 2010	(X)	(X) r/ c/	810,556
		Second quarter 2010	(X)	(X) r/ c/	807,131
		First quarter 2010	(X)	(X) r/ c/	986,236
		Total		(X) b/	3,187,164
		Fourth quarter 2009		(X) b/	789,621
		Third quarter 2009		(X) c/	785,106
		Second quarter 2009		(X) b/	845,799

		First quarter 2009	(X)	b/	766,638
3342107425	Telephone sets, including wireless phone sets (exclude cell phones)	Total	(X)	(X)	(D)
		Fourth quarter 2010	19	(X)	(D)
		Third quarter 2010	19	(X)	(D)
		Second quarter 2010	19	(X)	(D)
		First quarter 2010	20	(X)	(D)
		Total		(X)	(D)
		Fourth quarter 2009		(X)	(D)
		Third quarter 2009		(X)	(D)
		Second quarter 2009		(X)	(D)
		First quarter 2009		(X)	(D)
3342107426	Other public switched telephone network (PSTN) type premise equipment (exclude PBX equipment)	Total	(X)	(X)	(D)
		Fourth quarter 2010	5	(X)	(D)
		Third quarter 2010	5	(X)	(D)
		Second quarter 2010	5	(X)	(D)
		First quarter 2010	6	(X)	(D)
		Total		(X)	(D)
		Fourth quarter 2009		(X)	(D)
		Third quarter 2009		(X)	(D)
		Second quarter 2009		(X)	(D)
		First quarter 2009		(X)	(D)
3342107228	Routers	Total	(X)	(X)	b/ 72,392
		Fourth quarter 2010	10	(X)	c/ 1,290
		Third quarter 2010	11	(X)	c/ 6,208
		Second quarter 2010	12	(X)	b/ 16,365
		First quarter 2010	12	(X)	b/ 48,529
		Total		(X)	c/ 288,321
		Fourth quarter 2009		(X)	c/ 68,436
		Third quarter 2009		(X)	c/ 59,778
		Second quarter 2009		(X)	c/ 95,323
		First quarter 2009		(X)	c/ 64,784

3342107257	Switches {include Local Area Network (LAN) and Wide Area Network (WAN)}	Total	(X)	(X)		(D)	
		Fourth quarter 2010	9	(X)		(D)	
		Third quarter 2010	8	(X)		(D)	
		Second quarter 2010	8	(X)		(D)	
		First quarter 2010	8	(X)		(D)	
		Total			(X)		(D)
		Fourth quarter 2009			(X)		(D)
		Third quarter 2009			(X)		(D)
		Second quarter 2009			(X)		(D)
		First quarter 2009			(X)		(D)
3342107462	Voice/call message processing equipment	Total	(X)	(X)	c/	646,737	
		Fourth quarter 2010	22	(X)	c/	170,280	
		Third quarter 2010	22	(X)	c/	162,293	
		Second quarter 2010	22	(X)	c/	159,729	
		First quarter 2010	22	(X)	c/	154,435	
		Total			(X)	a/	652,343
		Fourth quarter 2009			(X)	c/	166,119
		Third quarter 2009			(X)	c/	160,874
		Second quarter 2009			(X)		164,726
		First quarter 2009			(X)		160,624
3342107267	Other data communications equipment, wireline type, including those with wireless capabilities	Total	(X)	(X)		(S)	
		Fourth quarter 2010	45	(X)		(S)	
		Third quarter 2010	46	(X)		(S)	
		Second quarter 2010	46	(X)		(S)	
		First quarter 2010	47	(X)		(S)	
		Total			(X)		(S)
		Fourth quarter 2009			(X)		(S)
		Third quarter 2009			(X)		(S)
		Second quarter 2009			(X)		(S)
		First quarter 2009			(X)		(S)

3342107499	Parts, components, and subassemblies	Total	(X)	(X)		(D)	
		Fourth quarter 2010	17	(X)		(D)	
		Third quarter 2010	17	(X)		(D)	
		Second quarter 2010	16	(X)		(D)	
		First quarter 2010	18	(X)		(D)	
		Total			(X)		101,275
		Fourth quarter 2009			(X)		20,334
		Third quarter 2009			(X)		23,888
		Second quarter 2009			(X)		24,841
		First quarter 2009			(X)	a/	32,212
3342203	Total wireless networking equipment	Total	(X)	(X)	c/	3,884,612	
		Fourth quarter 2010	(X)	(X)	c/	1,013,219	
		Third quarter 2010	(X)	(X)	c/	926,026	
		Second quarter 2010	(X)	(X)	c/	1,074,105	
		First quarter 2010	(X)	(X)	r/ c/	871,262	
		Total			(X)	r/ b/	3,633,093
		Fourth quarter 2009			(X)	r/ c/	866,603
		Third quarter 2009			(X)	r/ c/	908,463
		Second quarter 2009			(X)	r/ c/	813,299
		First quarter 2009			(X)	r/ b/	1,044,728
3342203103	Cellular base stations	Total	(X)	(X)	b/	2,190,166	
		Fourth quarter 2010	6	(X)	b/	608,599	
		Third quarter 2010	6	(X)	b/	491,613	
		Second quarter 2010	6	(X)	b/	645,556	
		First quarter 2010	6	(X)	b/	444,398	
		Total			(X)	a/	1,531,304
		Fourth quarter 2009			(X)	a/	375,191
		Third quarter 2009			(X)	a/	386,407
		Second quarter 2009			(X)	a/	321,470
		First quarter 2009			(X)		448,236

3342203105	Cellular mobile telephone switching equipment	Total	(X)	(X)	c/	459,847
		Fourth quarter 2010	6	(X)	r/ c/	116,860
		Third quarter 2010	6	(X)	r/ c/	115,947
		Second quarter 2010	6	(X)	r/ c/	113,820
		First quarter 2010	6	(X)	r/ c/	113,220
		Total			(X)	(D)
		Fourth quarter 2009			(X)	(D)
		Third quarter 2009			(X)	(D)
		Second quarter 2009			(X)	(D)
		First quarter 2009			(X)	(D)
3342203107	Cellular handsets (cell phones)	Total	(X)	(X)		(D)
		Fourth quarter 2010	4	(X)		(D)
		Third quarter 2010	4	(X)		(D)
		Second quarter 2010	4	(X)		(D)
		First quarter 2010	6	(X)		(D)
		Total			(X)	(D)
		Fourth quarter 2009			(X)	(D)
		Third quarter 2009			(X)	(D)
		Second quarter 2009			(X)	(D)
		First quarter 2009			(X)	(D)
3342203109	Wi-Fi public equipment	Total	(X)	(X)	a/	23,401
		Fourth quarter 2010	5	(X)	r/ a/	5,894
		Third quarter 2010	5	(X)	r/ a/	5,748
		Second quarter 2010	5	(X)	r/ a/	6,307
		First quarter 2010	5	(X)	r/ a/	5,452
		Total			(X)	(D)
		Fourth quarter 2009			(X)	(D)
		Third quarter 2009			(X)	5,171
		Second quarter 2009			(X)	5,168
		First quarter 2009			(X)	(D)
3342203111	Wi Max equipment	Total	(X)	(X)		19,309

		Fourth quarter 2010	6	(X)		3,942
		Third quarter 2010	6	(X)		5,283
		Second quarter 2010	6	(X)		5,987
		First quarter 2010	6	(X)		4,097
		Total		(X)		(D)
		Fourth quarter 2009		(X)		6,753
		Third quarter 2009		(X)		7,222
		Second quarter 2009		(X)		(D)
		First quarter 2009		(X)		(D)
3342203113	Other cellular networking equipment	Total	(X)	(X)		(D)
		Fourth quarter 2010	18	(X)		(D)
		Third quarter 2010	18	(X)		(D)
		Second quarter 2010	18	(X)		(D)
		First quarter 2010	19	(X)		(D)
		Total		(X)	r/ a/	1,174,867
		Fourth quarter 2009		(X)	r/ a/	257,924
		Third quarter 2009		(X)	b/	290,786
		Second quarter 2009		(X)	r/ a/	263,216
		First quarter 2009		(X)	a/	362,941
3342205	Total radio station equipment	Total	(X)	(X)	c/	15,254,795
		Fourth quarter 2010	(X)	(X)	c/	3,937,516
		Third quarter 2010	(X)	(X)	c/	3,870,404
		Second quarter 2010	(X)	(X)	c/	3,803,045
		First quarter 2010	(X)	(X)	r/ c/	3,643,830
		Total		(X)	c/	16,436,856
		Fourth quarter 2009		(X)	c/	3,808,821
		Third quarter 2009		(X)	c/	4,303,006
		Second quarter 2009		(X)	b/	4,492,969
		First quarter 2009		(X)	b/	3,832,060
3342205104	Space-based (satellite) stations	Total	(X)	(X)	b/	5,361,593
		Fourth quarter 2010	7	(X)	b/	1,319,304



		Third quarter 2010	7	(X)	b/	1,328,597
		Second quarter 2010	7	(X)	b/	1,397,794
		First quarter 2010	7	(X)	b/	1,315,898
		Total		(X)	a/	5,010,190
		Fourth quarter 2009		(X)	b/	1,317,774
		Third quarter 2009		(X)	b/	1,322,779
		Second quarter 2009		(X)		1,249,113
		First quarter 2009		(X)		1,120,524
3342205109	Airborne and marine based stations	Total	(X)	(X)		(S)
		Fourth quarter 2010	9	(X)		(S)
		Third quarter 2010	9	(X)		(S)
		Second quarter 2010	9	(X)		(S)
		First quarter 2010	11	(X)		(S)
		Total		(X)		(S)
		Fourth quarter 2009		(X)		(S)
		Third quarter 2009		(X)		(S)
		Second quarter 2009		(X)		(S)
		First quarter 2009		(X)		(S)
3342205114	Earth fixed based systems	Total	(X)	(X)	a/	3,035,537
		Fourth quarter 2010	32	(X)	a/	790,340
		Third quarter 2010	31	(X)	a/	765,314
		Second quarter 2010	30	(X)	a/	740,462
		First quarter 2010	30	(X)	a/	739,421
		Total		(X)	a/	3,622,658
		Fourth quarter 2009		(X)	a/	760,845
		Third quarter 2009		(X)	c/	1,028,453
		Second quarter 2009		(X)	a/	1,076,055
		First quarter 2009		(X)		757,305
3342205116	Earth mobile based systems	Total	(X)	(X)	a/	3,866,171
		Fourth quarter 2010	17	(X)	a/	981,047
		Third quarter 2010	17	(X)	a/	960,884

		Second quarter 2010	17	(X)		990,137
		First quarter 2010	18	(X)	r/ a/	934,103
		Total		(X)	b/	4,659,194
		Fourth quarter 2009		(X)	b/	1,106,566
		Third quarter 2009		(X)	c/	1,095,815
		Second quarter 2009		(X)	b/	1,239,017
		First quarter 2009		(X)	b/	1,217,796
3342209	Total other communication systems and equipment	Total	(X)	(X)	b/	8,300,666
		Fourth quarter 2010	(X)	(X)	r/ a/	1,987,145
		Third quarter 2010	(X)	(X)	r/ a/	2,055,096
		Second quarter 2010	(X)	(X)	r/ b/	2,249,190
		First quarter 2010	(X)	(X)	r/ b/	2,009,235
		Total		(X)	r/ b/	8,970,368
		Fourth quarter 2009		(X)	r/ b/	2,317,329
		Third quarter 2009		(X)	r/ b/	2,178,920
		Second quarter 2009		(X)	r/ b/	2,220,925
		First quarter 2009		(X)	r/ b/	2,253,194
3342209101	Checkout, monitoring, evaluation, and other electronic support equipment	Total	(X)	(X)		(S)
		Fourth quarter 2010	32	(X)		(S)
		Third quarter 2010	32	(X)		(S)
		Second quarter 2010	32	(X)		(S)
		First quarter 2010	33	(X)		(S)
		Total		(X)		(S)
		Fourth quarter 2009		(X)	c/	84,207
		Third quarter 2009		(X)		(S)
		Second quarter 2009		(X)		(S)
		First quarter 2009		(X)	c/	67,184
3342209109	Antenna systems sold separately	Total	(X)	(X)	b/	1,461,331
		Fourth quarter 2010	60	(X)	b/	352,009
		Third quarter 2010	60	(X)	b/	366,942
		Second quarter 2010	61	(X)	b/	365,242

		First quarter 2010	62	(X)	b/	377,138
		Total		(X)	r/ a/	1,552,971
		Fourth quarter 2009		(X)	r/ a/	393,736
		Third quarter 2009		(X)	r/ a/	387,916
		Second quarter 2009		(X)	r/ b/	372,709
		First quarter 2009		(X)	r/ a/	398,610
3342209125	Other communications systems and equipment	Total	(X)	(X)	b/	6,525,153
		Fourth quarter 2010	126	(X)	r/ a/	1,559,649
		Third quarter 2010	127	(X)	r/ a/	1,611,241
		Second quarter 2010	127	(X)	r/ b/	1,809,313
		First quarter 2010	128	(X)	r/ b/	1,544,950
		Total		(X)	r/ b/	7,130,561
		Fourth quarter 2009		(X)	r/ b/	1,839,386
		Third quarter 2009		(X)	r/ b/	1,722,239
		Second quarter 2009		(X)	r/ b/	1,781,536
		First quarter 2009		(X)	r/ b/	1,787,400
3342202	Total broadcast, studio, and related electronic equipment	Total	(X)	(X)	a/	4,553,469
		Fourth quarter 2010	(X)	(X)	a/	1,150,917
		Third quarter 2010	(X)	(X)	a/	1,164,186
		Second quarter 2010	(X)	(X)	a/	1,136,708
		First quarter 2010	(X)	(X)	a/	1,101,658
		Total		(X)	r/ c/	4,574,194
		Fourth quarter 2009		(X)	a/	1,215,239
		Third quarter 2009		(X)	a/	1,108,616
		Second quarter 2009		(X)		(S)
		First quarter 2009		(X)		(S)
3342202107	Audio production equipment for broadcast studios (include microphones, mixers, other electronic equipment and parts and accessories for such equipment sold separately)	Total	(X)	(X)	c/	203,758
		Fourth quarter 2010	23	(X)	c/	46,463
		Third quarter 2010	23	(X)	c/	55,009
		Second quarter 2010	24	(X)	c/	51,023
		First quarter 2010	26	(X)	c/	51,263

		Total	(X)	c/	241,302
		Fourth quarter 2009	(X)	c/	56,956
		Third quarter 2009	(X)	c/	57,456
		Second quarter 2009	(X)	c/	59,612
		First quarter 2009	(X)		(S)
3342202113	Video production equipment (include professional VCR's, switches, character generators, and other electronic equipment)	Total	(X)	(X)	a/ 412,582
		Fourth quarter 2010	22	(X)	a/ 103,115
		Third quarter 2010	22	(X)	a/ 108,369
		Second quarter 2010	23	(X)	a/ 100,140
		First quarter 2010	23	(X)	a/ 100,958
		Total		(X)	a/ 398,037
		Fourth quarter 2009		(X)	100,183
		Third quarter 2009		(X)	a/ 93,679
		Second quarter 2009		(X)	a/ 100,282
		First quarter 2009		(X)	a/ 103,893
3342202116	AM and FM transmitters	Total	(X)	(X)	(S)
		Fourth quarter 2010	10	(X)	(S)
		Third quarter 2010	11	(X)	(S)
		Second quarter 2010	11	(X)	(S)
		First quarter 2010	11	(X)	(S)
		Total		(X)	c/ 233,979
		Fourth quarter 2009		(X)	c/ 64,087
		Third quarter 2009		(X)	c/ 52,372
		Second quarter 2009		(X)	(S)
		First quarter 2009		(X)	(S)
3342202118	TV transmitters	Total	(X)	(X)	(D)
		Fourth quarter 2010	4	(X)	(D)
		Third quarter 2010	4	(X)	(D)
		Second quarter 2010	4	(X)	(D)
		First quarter 2010	4	(X)	(D)

		Total	(X)		(S)
		Fourth quarter 2009	(X)		(S)
		Third quarter 2009	(X)		(S)
		Second quarter 2009	(X)		(S)
		First quarter 2009	(X)		(S)
3342202119	Other transmission equipment	Total	(X)	(X)	(D)
		Fourth quarter 2010	12	(X)	(D)
		Third quarter 2010	13	(X)	(D)
		Second quarter 2010	12	(X)	(D)
		First quarter 2010	12	(X)	(D)
		Total		(X)	(D)
		Fourth quarter 2009		(X)	(D)
		Third quarter 2009		(X)	539,759
		Second quarter 2009		(X)	(D)
		First quarter 2009		(X)	(S)
3342202143	Cable TV (master antennae and CATV equipment)	Total	(X)	(X)	(D)
		Fourth quarter 2010	15	(X)	(D)
		Third quarter 2010	17	(X)	(D)
		Second quarter 2010	17	(X)	(D)
		First quarter 2010	18	(X)	(D)
		Total		(X)	(D)
		Fourth quarter 2009		(X)	(D)
		Third quarter 2009		(X)	c/ 22,373
		Second quarter 2009		(X)	(D)
		First quarter 2009		(X)	a/ 33,385
3342202144	Closed-circuit television systems	Total	(X)	(X)	b/ 684,788
		Fourth quarter 2010	14	(X)	b/ 180,909
		Third quarter 2010	14	(X)	b/ 179,303
		Second quarter 2010	14	(X)	b/ 165,279
		First quarter 2010	14	(X)	b/ 159,297
		Total		(X)	c/ 844,364

					Fourth quarter 2009	(X)			200,062
					Third quarter 2009	(X)			206,894
					Second quarter 2009	(X)			(S)
					First quarter 2009	(X)			(S)
3342202155	Other broadcast and antenna equipment				Total	(X)	(X)	c/	378,029
					Fourth quarter 2010	31	(X)	c/	95,495
					Third quarter 2010	31	(X)	c/	106,452
					Second quarter 2010	31	(X)	c/	102,235
					First quarter 2010	30	(X)	c/	73,847
					Total		(X)	b/	335,476
					Fourth quarter 2009		(X)	b/	83,212
					Third quarter 2009		(X)	b/	75,111
					Second quarter 2009		(X)	a/	91,599
					First quarter 2009		(X)	c/	85,554
3342202199	Parts and accessories				Total	(X)	(X)	a/	121,089
					Fourth quarter 2010	19	(X)	a/	32,184
					Third quarter 2010	19	(X)	a/	31,041
					Second quarter 2010	19	(X)	a/	25,600
					First quarter 2010	20	(X)	a/	32,264
					Total		(X)	a/	117,269
					Fourth quarter 2009		(X)		33,524
					Third quarter 2009		(X)		35,455
					Second quarter 2009		(X)		26,951
					First quarter 2009		(X)	b/	21,339
3342901	Total alarm systems				Total	(X)	(X)	c/	1,733,357
					Fourth quarter 2010	(X)	(X)	c/	447,854
					Third quarter 2010	(X)	(X)	c/	437,384
					Second quarter 2010	(X)	(X)	c/	443,860
					First quarter 2010	(X)	(X)	c/	404,259
					Total		(X)	a/	1,663,442
					Fourth quarter 2009		(X)	a/	400,553

		Third quarter 2009	(X)	a/	406,831
		Second quarter 2009	(X)	a/	427,616
		First quarter 2009	(X)	a/	428,442
3342901107	Intrusion detection alarm systems	Total	(X)	(X)	(S)
		Fourth quarter 2010	18	(X)	(S)
		Third quarter 2010	18	(X)	(S)
		Second quarter 2010	18	(X)	(S)
		First quarter 2010	18	(X)	(S)
		Total		(X)	(S)
		Fourth quarter 2009		(X)	(S)
		Third quarter 2009		(X)	(S)
		Second quarter 2009		(X)	c/ 26,848
		First quarter 2009		(X)	(S)
3342901111	Fire detection and prevention alarm systems	Total	(X)	(X)	c/ 1,328,628
		Fourth quarter 2010	25	(X)	c/ 342,522
		Third quarter 2010	25	(X)	c/ 340,889
		Second quarter 2010	24	(X)	c/ 338,014
		First quarter 2010	24	(X)	c/ 307,203
		Total		(X)	1,244,428
		Fourth quarter 2009		(X)	295,460
		Third quarter 2009		(X)	307,325
		Second quarter 2009		(X)	321,549
		First quarter 2009		(X)	320,094
3342901609	Other alarm systems	Total	(X)	(X)	a/ 277,030
		Fourth quarter 2010	16	(X)	a/ 73,837
		Third quarter 2010	16	(X)	a/ 66,051
		Second quarter 2010	17	(X)	a/ 69,719
		First quarter 2010	17	(X)	a/ 67,423
		Total		(X)	b/ 307,849
		Fourth quarter 2009		(X)	b/ 75,724
		Third quarter 2009		(X)	b/ 75,867

		Second quarter 2009	(X)	c/	79,219
		First quarter 2009	(X)	b/	77,039
3342902	Total vehicular and pedestrian traffic control equipment, electrical railway signals and attachments	Total	(X)	(X)	(S)
		Fourth quarter 2010	26	(X)	(S)
		Third quarter 2010	26	(X)	(S)
		Second quarter 2010	26	(X)	(S)
		First quarter 2010	26	(X)	(S)
		Total		(X)	(S)
		Fourth quarter 2009		(X)	(S)
		Third quarter 2009		(X)	(S)
		Second quarter 2009		(X)	(S)
		First quarter 2009		(X)	(S)
3342903	Total intercommunications systems, including inductive paging systems (selective calling), except telephone and telegraph	Total	(X)	(X)	a/ 398,685
		Fourth quarter 2010	26	(X)	a/ 84,792
		Third quarter 2010	26	(X)	a/ 106,658
		Second quarter 2010	26	(X)	a/ 108,048
		First quarter 2010	26	(X)	r/ a/ 99,187
		Total		(X)	b/ 388,476
		Fourth quarter 2009		(X)	b/ 86,894
		Third quarter 2009		(X)	b/ 102,759
		Second quarter 2009		(X)	b/ 91,700
		First quarter 2009		(X)	b/ 107,123
3344184	External personal computer modems	Total	(X)	(X)	(D)
		Fourth quarter 2010	2	(X)	(D)
		Third quarter 2010	2	(X)	(D)
		Second quarter 2010	2	(X)	(D)
		First quarter 2010	2	(X)	(D)
		Total		(X)	(D)
		Fourth quarter 2009		(X)	(D)
		Third quarter 2009		(X)	c/ 10,831
		Second quarter 2009		(X)	c/ 9,438



First quarter 2009

(X) c/

10,611

Table 3. Shipments, Exports, and Imports of Telecommunications Equipment: 2010 and 2009  
 [Value in thousands of dollars]

Product code 1/	Product description	Year	Manufacturers' shipments quantity		Manufacturers' shipments (value f.o.b plant)	Exports of domestic merchandise (value at port) 2/
334210418T	Wireline and wireless switching equipment	2010	(NA)	c/	2,928,571	6,203,761
		2009	(NA)		(D)	5,505,381
3342107425	Telephone sets, including wireless phone sets (exclude cell phones)	2010	(NA)		(D)	229,621
		2009	(NA)		(D)	289,199
3342203103	Cellular base stations	2010	(NA)	b/	2,190,166	121,536
		2009	(NA)	a/	1,531,304	131,841
3342203107	Cellular handsets (cell phones)	2010	(NA)		(D)	2,478,789
		2009	(NA)		(D)	1,450,350
3342202116	AM and FM transmitters	2010	(NA)		(S)	(NA)
		2009	(NA)	c/	233,979	(NA)
334220210T	Television transmission apparatus including cable and closed circuit television	2010	(NA)		(D)	522,441
		2009	(NA)		(D)	427,423
3342209109	Antennae systems sold separately	2010	(NA)	b/	1,461,331	1,041,161
		2009	(NA)	r/ a/	1,552,971	1,019,393
3342202107	Audio production equipment for broadcast studios (include microphones, mixers, other electronic equipment and parts and accessories for such equipment sold separately)	2010	(NA)	c/	203,758	239,267
		2009	(NA)	c/	241,302	200,319
3342901107	Intrusion detection alarm systems	2010	(NA)		(S)	54,282
		2009	(NA)		(S)	41,684
3342901111	Fire detection and prevention alarm systems	2010	(NA)	c/	1,328,628	179,353
		2009	(NA)		1,244,428	219,592
3342902000	Total vehicular and pedestrian traffic control equipment, electrical railway signals and attachments	2010	(NA)		(S)	219,964
		2009	(NA)		(S)	212,689
3342903000	Total intercommunications systems, including inductive paging systems (selective paging), except telephone and telegraph	2010	(NA)	a/	398,685	678,921
		2009	(NA)	b/	388,476	617,421

Footnotes:

- 1/ For comparison of the North American Industry Classification System (NAICS) based product codes with Schedule B export codes and HTUSA import codes, see Table 4.
- 2/ Source: Census Bureau report EM 545, U.S. Exports.
- 3/ Source: Census Bureau report IM 145, U.S. Imports for Consumption.
- 4/ 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: 2010

Combined code	Product code	Product description	Export code 1/	Import code 2/
334210418T	3342101105, 119, 125, 3342104142 3342107426, 3342107228, 257, 3342203105 3344184100	Wireline and wireless switching equipment	8517.62.0010 8517.62.0050	8517.62.0010 8517.62.0050
3342107425	3342107425	Telephone sets, including wireless phone sets (excluding cell phones)	8517.11.0000 8517.18.0000 8518.30.1000	8517.11.0000 8517.18.0020 8518.18.0050 8518.30.1000
3342203103	3342203103	Cellular base stations	8517.61.0000	8517.61.0000
3342203107	3342203107	Cellular handsets (cell phones)	8517.12.0020 8517.12.0050 8517.12.0080	8517.12.0020 8517.12.0050 8517.12.0080
3342202116	3342202116	AM and FM transmitters	(NA)	8525.50.7010
334220210T	3342202118, 143, 144	Television transmission apparatus including cable and closed circuit television	8525.50.2010 8525.50.2050	8525.50.1000 8525.50.3015 8525.50.3035 8525.50.3040
3342209109	3342209109	Antennae systems, sold separately	8529.10.2020 8529.10.2050 8529.10.2090 8529.10.4000 8529.10.9000	8529.10.2020 8529.10.2050 8529.10.2090 8529.10.4040 8529.10.4080 8529.10.9000
3342202107	3342202107	Audio production equipment for broadcast studios (include microphones, mixers, other electronic equipment and parts and accessories for such equipment	8518.40.2000	8518.40.2000

		sold separately)		
3342901107	3342901107	Intrusion detection alarm systems	8531.10.0035	8531.10.0035
3342901111	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
3342902000	3342902	Total vehicular and pedestrian traffic control equipment, electrical railway signals and attachments	8530.10.0000 8530.80.0000 8530.90.0000	8530.10.0000 8530.80.0000 8530.90.0000
3359997101	3342903	Total intercommunications systems, including inductive paging systems (selective paging), except telephone and telegraph	8517.69.000	8517.69.0000

Footnotes:

1/Source: 2010 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 (2010).

Symbols:

- (D) - Withheld to avoid disclosing data of individual companies.
- (X) - Not applicable.
- (NA) - Not available.
- r/ - Revised by 5 percent or more from previously published data.
- (n.e.c.) - Not elsewhere classified.
- (n.s.k.) - Not specified by kind.
- (nehp) - Net engine horsepower
- (btuh) - British thermal units per hour
- (pt.) Part.
- Represents zero.

Estimation symbols - Percent of estimation for each item is indicated as fo

- a/ - 10 to 19 percent of this item has been estimated.
- b/ - 20 to 29 percent of this item has been estimated.
- c/ - 30 to 49 percent of this item has been estimated.
- (S) - Withheld because estimates did not meet publication standards.

## Historical Note

The Census Bureau has collected data on selected electronic and associated products since 1961 on survey MA36N, Selected Electronics and Associated Products. In 1985, survey MA36N was divided into three annual surveys: MA334P, Communication Equipment, Including Telephone, Telegraph, and Other Electronic Systems and Equipment; MA334Q, Semiconductors, Printed Circuit Boards, and Other Electronic Components; and MA334S, Electromedical Equipment and Irradiation Equipment (Including X-Ray).

Beginning in 2005, data for the MA334P were collected under the title Telecommunications. In 2006, Telecommunications data were collected and published as a quarterly (MQ334P) survey.

Historical Current Industrial Reports data may be obtained from a Federal Depository Library. To locate a Federal Depository Library in your area, please visit <http://www.gpoaccess.gov/libraries.html>.