

U.S. Census Bureau
Telecommunications - Summary 2009
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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
2009				
3342101	Total telephone switching and switchboard equipment	Total	b/	1,045.1
		Fourth quarter	b/	205.3
		Third quarter	b/	265.7
		Second quarter	r/ b/	290.2
		First quarter	r/ c/	283.8
2008				
		Total	a/	1,674.2
		Fourth quarter	r/ a/	378.1
		Third quarter	r/ a/	443.6
		Second quarter	b/	436.6
		First quarter	b/	415.8
2009				
3342104	Total carrier line equipment and modems	Total	b/	2,850.7
		Fourth quarter	b/	736.8
		Third quarter	b/	789.5
		Second quarter	r/ b/	696.0
		First quarter	r/ b/	628.4
2008				
		Total		3,136.7
		Fourth quarter		685.1
		Third quarter		818.8
		Second quarter		828.8
		First quarter		804.0
2009				
3342107	Total wireline voice and data network equipment	Total	b/	3,190.7
		Fourth quarter	b/	792.7
		Third quarter	c/	785.1
		Second quarter	b/	846.2
		First quarter	b/	766.6
2008				
		Total	b/	4,574.1
		Fourth quarter	b/	1,081.1
		Third quarter	a/	1,172.1
		Second quarter	b/	1,185.7
		First quarter	a/	1,135.2
2009				
3342203	Total wireless networking equipment	Total	c/	4,219.1
		Fourth quarter	c/	1,028.9
		Third quarter	r/ c/	1,039.3
		Second quarter	c/	976.1
		First quarter	r/ c/	1,174.9
2008				
		Total		4,844.7
		Fourth quarter	r/	1,227.8
		Third quarter		1,121.1
		Second quarter		1,211.4

				First quarter		1,284.4
				2009		
3342205	Total radio station equipment		Total	c/		16,449.0
			Fourth quarter	r/ c/		3,811.4
			Third quarter	c/		4,306.1
			Second quarter	b/		4,496.3
			First quarter	b/		3,835.2
			2008			
			Total	a/		16,455.9
			Fourth quarter	a/		4,103.1
			Third quarter			4,271.3
			Second quarter			4,195.9
			First quarter	a/		3,885.6
			2009			
3342209	Total other communication systems and equipment		Total	b/		10,704.6
			Fourth quarter	b/		2,596.5
			Third quarter	r/ b/		2,692.6
			Second quarter	r/ b/		2,632.8
			First quarter	r/ b/		2,782.7
			2008			
			Total	a/		10,882.3
			Fourth quarter	a/		2,846.6
			Third quarter	a/		2,677.7
			Second quarter	a/		2,686.3
			First quarter	a/		2,671.8
			2009			
3342202	Total broadcast, studio, and related electronic equipment		Total	c/		4,237.1
			Fourth quarter	a/		1,219.1
			Third quarter	a/		1,108.6
			Second quarter			(S)
			First quarter	r/ c/		690.0
			2008			
			Total	r/ a/		4,110.3
			Fourth quarter	r/ b/		922.7
			Third quarter	r/ b/		1,044.0
			Second quarter	r/ b/		1,062.3
			First quarter	r/ a/		1,081.3
			2009			
3342901	Total alarm systems		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
			2008			
			Total	b/		2,090.3
			Fourth quarter	b/		515.3
			Third quarter	b/		515.1
			Second quarter	b/		533.3
			First quarter	b/		526.5
			2009			
3342902	Total vehicular and pedestrian traffic control equipment, electrical railway signals and attachments		Total			(S)
			Fourth quarter	c/		175.9

		Third quarter	c/	189.5
		Second quarter	c/	186.7
		First quarter		(S)
		2008		
		Total	b/	1,231.2
		Fourth quarter	b/	292.6
		Third quarter	b/	294.6
		Second quarter	b/	332.0
		First quarter	b/	312.0
		2009		
3342903	Total intercommunications systems, including inductive paging systems (selective calling), except telephone and telegraph	Total	b/	388.5
		Fourth quarter	b/	86.9
		Third quarter	b/	102.8
		Second quarter	r/ b/	91.7
		First quarter	b/	107.1
		2008		
		Total	c/	457.8
		Fourth quarter	c/	106.2
		Third quarter	c/	129.8
		Second quarter	c/	118.6
		First quarter	b/	103.2
		2009		
3344184	External personal computer modems	Total		(D)
		Fourth quarter		(D)
		Third quarter	c/	10.8
		Second quarter	c/	9.4
		First quarter	r/ c/	10.6
		2008		
		Total	c/	86.7
		Fourth quarter	c/	21.2
		Third quarter	c/	20.4
		Second quarter	c/	22.5
		First quarter	c/	22.6

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

Product code	Product description	Quarter and year	No. of cos.	Quantity		Value
3342101	Total telephone switching and switchboard equipment	Total	(X)	(X)	b/	1,045,067
		Fourth quarter 2009	(X)	(X)	b/	205,341
		Third quarter 2009	(X)	(X)	b/	265,724
		Second quarter 2009	(X)	(X)	r/ b/	290,172
		First quarter 2009	(X)	(X)	r/ c/	283,830
		Total		(X)	a/	1,674,162
		Fourth quarter 2008		(X)	r/ a/	378,089
		Third quarter 2008		(X)	r/ a/	443,632
		Second quarter 2008		(X)	b/	436,631
		First quarter 2008		(X)	b/	415,810
3342101105	Central office switching equipment	Total	(X)	(X)	a/	170,313
		Fourth quarter 2009	11	(X)	a/	40,829
		Third quarter 2009	11	(X)	a/	47,434
		Second quarter 2009	12	(X)	a/	43,863
		First quarter 2009	12	(X)	a/	38,187
		Total		(X)	a/	290,044
		Fourth quarter 2008		(X)	r/ a/	57,278
		Third quarter 2008		(X)	b/	69,800
		Second quarter 2008		(X)	a/	82,501
		First quarter 2008		(X)	a/	80,465
3342101119	Private branch exchange switching equipment	Total	(X)	(X)		(S)
		Fourth quarter 2009	8	(X)		(S)
		Third quarter 2009	8	(X)		(S)
		Second quarter 2009	8	(X)		(S)
		First quarter 2009	11	(X)		(S)
		Total		(X)	b/	191,337
		Fourth quarter 2008		(X)	a/	60,679
		Third quarter 2008		(X)	c/	43,477
		Second quarter 2008		(X)	a/	46,005
		First quarter 2008		(X)	a/	41,176
3342101125	Other telephone switching and switchboard equipment	Total	(X)	(X)	a/	663,779
		Fourth quarter 2009	22	(X)	a/	128,917
		Third quarter 2009	23	(X)	a/	183,039
		Second quarter 2009	23	(X)	a/	188,013
		First quarter 2009	23	(X)	r/ a/	163,810
		Total		(X)	a/	909,195
		Fourth quarter 2008		(X)	r/ a/	192,233
		Third quarter 2008		(X)	r/ a/	261,644
		Second quarter 2008		(X)	r/ a/	237,109
		First quarter 2008		(X)	a/	218,209
3342101199	Parts, components, and subassemblies for telephone switching equipment	Total	(X)	(X)		(S)
		Fourth quarter 2009	12	(X)		(S)
		Third quarter 2009	12	(X)		(S)
		Second quarter 2009	12	(X)	a/	20,321
		First quarter 2009	15	(X)		(S)
		Total		(X)		(S)
		Fourth quarter 2008		(X)	c/	67,899
		Third quarter 2008		(X)	c/	68,711
		Second quarter 2008		(X)		(S)
		First quarter 2008		(X)		(S)
3342104	Total carrier line equipment and modems	Total	(X)	(X)	b/	2,850,659
		Fourth quarter 2009	(X)	(X)	b/	736,814
		Third quarter 2009	(X)	(X)	b/	789,461
		Second quarter 2009	(X)	(X)	r/ b/	695,952
		First quarter 2009	(X)	(X)	r/ b/	628,432
		Total		(X)		3,136,672
		Fourth quarter 2008		(X)		685,059
		Third quarter 2008		(X)		818,798
		Second quarter 2008		(X)		828,816
		First quarter 2008		(X)		803,999

3342104112	Multiplex equipment, including channel banks, analog and digital	Total	(X)	(X)	b/	1,013,916
		Fourth quarter 2009	20	(X)	b/	278,357
		Third quarter 2009	20	(X)	c/	259,257
		Second quarter 2009	20	(X)	r/ a/	226,611
		First quarter 2009	27	(X)	a/	249,691
		Total		(X)	a/	1,324,909
		Fourth quarter 2008		(X)	a/	273,390
		Third quarter 2008		(X)	a/	362,185
		Second quarter 2008		(X)	a/	351,411
		First quarter 2008		(X)	a/	337,923
3342104137	All other carrier line equipment	Total	(X)	(X)		(S)
		Fourth quarter 2009	20	(X)		(S)
		Third quarter 2009	22	(X)		(S)
		Second quarter 2009	22	(X)		(S)
		First quarter 2009	25	(X)		(S)
		Total		(X)	a/	559,551
		Fourth quarter 2008		(X)	a/	125,246
		Third quarter 2008		(X)	a/	142,333
		Second quarter 2008		(X)	a/	155,240
		First quarter 2008		(X)	a/	136,732
3342104142	External modems for POTS, ISDN, DSL, PSTN	Total	(X)	(X)		(S)
		Fourth quarter 2009	13	(X)		(S)
		Third quarter 2009	14	(X)		(S)
		Second quarter 2009	14	(X)		(S)
		First quarter 2009	14	(X)		(S)
		Total		(X)	c/	111,629
		Fourth quarter 2008		(X)	c/	22,120
		Third quarter 2008		(X)	c/	29,416
		Second quarter 2008		(X)	c/	26,574
		First quarter 2008		(X)	c/	33,519
3342104145	Fiber optic equipment meeting SONET standards	Total	(X)	(X)		569,057
		Fourth quarter 2009	10	(X)		156,251
		Third quarter 2009	11	(X)		174,506
		Second quarter 2009	11	(X)		142,739
		First quarter 2009	13	(X)		95,561
		Total		(X)		495,443
		Fourth quarter 2008		(X)	r/	105,720
		Third quarter 2008		(X)		119,488
		Second quarter 2008		(X)		135,399
		First quarter 2008		(X)		134,836
3342104148	Fiber optic equipment not meeting SONET standards	Total	(X)	(X)		664,865
		Fourth quarter 2009	10	(X)		170,597
		Third quarter 2009	10	(X)		186,157
		Second quarter 2009	10	(X)		166,606
		First quarter 2009	10	(X)		141,505
		Total		(X)		645,140
		Fourth quarter 2008		(X)	r/	158,583
		Third quarter 2008		(X)		165,376
		Second quarter 2008		(X)		160,192
		First quarter 2008		(X)		160,989
3342107	Total wireline voice and data network equipment	Total	(X)	(X)	b/	3,190,692
		Fourth quarter 2009	(X)	(X)	b/	792,735
		Third quarter 2009	(X)	(X)	c/	785,106
		Second quarter 2009	(X)	(X)	b/	846,213
		First quarter 2009	(X)	(X)	b/	766,638
		Total		(X)	b/	4,574,099
		Fourth quarter 2008		(X)	b/	1,081,143
		Third quarter 2008		(X)	a/	1,172,070
		Second quarter 2008		(X)	b/	1,185,723
		First quarter 2008		(X)	a/	1,135,163
3342107425	Telephone sets, including wireless phone sets (exclude cell phones)	Total	(X)	(X)		(D)
		Fourth quarter 2009	23	(X)		(D)
		Third quarter 2009	25	(X)		(D)
		Second quarter 2009	25	(X)		(D)
		First quarter 2009	27	(X)		(D)

			Total	(X)		(D)
			Fourth quarter 2008	(X)		(D)
			Third quarter 2008	(X)		(D)
			Second quarter 2008	(X)		(D)
			First quarter 2008	(X)		(D)
3342107426	Other public switched telephone network (PSTN) type premise equipment (exclude PBX equipment)		Total	(X)	(X)	(D)
			Fourth quarter 2009	5	(X)	(D)
			Third quarter 2009	8	(X)	(D)
			Second quarter 2009	7	(X)	(D)
			First quarter 2009	9	(X)	(D)
			Total		(X)	c/ 17,185
			Fourth quarter 2008		(X)	c/ 5,642
			Third quarter 2008		(X)	c/ 4,235
			Second quarter 2008		(X)	c/ 4,123
			First quarter 2008		(X)	c/ 3,185
3342107228	Routers		Total	(X)	(X)	c/ 288,321
			Fourth quarter 2009	13	(X)	c/ 68,436
			Third quarter 2009	14	(X)	c/ 59,778
			Second quarter 2009	14	(X)	r/ c/ 95,323
			First quarter 2009	15	(X)	r/ c/ 64,784
			Total		(X)	b/ 641,168
			Fourth quarter 2008		(X)	r/ b/ 149,604
			Third quarter 2008		(X)	a/ 184,081
			Second quarter 2008		(X)	c/ 159,592
			First quarter 2008		(X)	a/ 147,891
3342107257	Switches {include Local Area Network (LAN) and Wide Area Network (WAN)}		Total	(X)	(X)	(D)
			Fourth quarter 2009	7	(X)	(D)
			Third quarter 2009	9	(X)	(D)
			Second quarter 2009	8	(X)	(D)
			First quarter 2009	8	(X)	(D)
			Total		(X)	(D)
			Fourth quarter 2008		(X)	(D)
			Third quarter 2008		(X)	(D)
			Second quarter 2008		(X)	(D)
			First quarter 2008		(X)	(D)
3342107462	Voice/call message processing equipment		Total	(X)	(X)	a/ 652,343
			Fourth quarter 2009	23	(X)	c/ 166,119
			Third quarter 2009	24	(X)	c/ 160,874
			Second quarter 2009	24	(X)	164,726
			First quarter 2009	24	(X)	160,624
			Total		(X)	c/ 739,958
			Fourth quarter 2008		(X)	c/ 201,840
			Third quarter 2008		(X)	c/ 173,938
			Second quarter 2008		(X)	(S)
			First quarter 2008		(X)	(S)
3342107267	Other data communications equipment, wireline type, including those with wireless capabilities		Total	(X)	(X)	(S)
			Fourth quarter 2009	48	(X)	(S)
			Third quarter 2009	51	(X)	(S)
			Second quarter 2009	51	(X)	(S)
			First quarter 2009	52	(X)	(S)
			Total		(X)	c/ 1,151,538
			Fourth quarter 2008		(X)	c/ 279,128
			Third quarter 2008		(X)	c/ 309,870
			Second quarter 2008		(X)	c/ 290,503
			First quarter 2008		(X)	c/ 272,037
3342107499	Parts, components, and subassemblies		Total	(X)	(X)	101,275
			Fourth quarter 2009	18	(X)	20,334
			Third quarter 2009	18	(X)	23,888
			Second quarter 2009	18	(X)	24,841
			First quarter 2009	19	(X)	a/ 32,212
			Total		(X)	(D)
			Fourth quarter 2008		(X)	(D)
			Third quarter 2008		(X)	(D)
			Second quarter 2008		(X)	(S)
			First quarter 2008		(X)	(S)

3342203	Total wireless networking equipment	Total	(X)	(X)	c/	4,219,139
		Fourth quarter 2009	(X)	(X)	c/	1,028,923
		Third quarter 2009	(X)	(X)	r/ c/	1,039,282
		Second quarter 2009	(X)	(X)	c/	976,067
		First quarter 2009	(X)	(X)	r/ c/	1,174,867
		Total		(X)		4,844,744
		Fourth quarter 2008		(X)	r/	1,227,837
		Third quarter 2008		(X)		1,121,110
		Second quarter 2008		(X)		1,211,385
		First quarter 2008		(X)		1,284,412
3342203103	Cellular base stations	Total	(X)	(X)	a/	1,531,304
		Fourth quarter 2009	7	(X)	a/	375,191
		Third quarter 2009	7	(X)	a/	386,407
		Second quarter 2009	7	(X)	a/	321,470
		First quarter 2009	8	(X)		448,236
		Total		(X)		2,042,234
		Fourth quarter 2008		(X)		498,978
		Third quarter 2008		(X)		447,555
		Second quarter 2008		(X)		514,739
		First quarter 2008		(X)		580,962
3342203105	Cellular mobile telephone switching equipment	Total	(X)	(X)		(D)
		Fourth quarter 2009	7	(X)		(D)
		Third quarter 2009	7	(X)		(D)
		Second quarter 2009	7	(X)		(D)
		First quarter 2009	7	(X)		(D)
		Total		(X)		488,927
		Fourth quarter 2008		(X)		118,166
		Third quarter 2008		(X)		112,048
		Second quarter 2008		(X)		125,745
		First quarter 2008		(X)		132,968
3342203107	Cellular handsets (cell phones)	Total	(X)	(X)		(D)
		Fourth quarter 2009	7	(X)		(D)
		Third quarter 2009	7	(X)		(D)
		Second quarter 2009	7	(X)		(D)
		First quarter 2009	7	(X)		(D)
		Total		(X)		(D)
		Fourth quarter 2008		(X)		(D)
		Third quarter 2008		(X)		(D)
		Second quarter 2008		(X)		(D)
		First quarter 2008		(X)		(D)
3342203109	Wi-Fi public equipment	Total	(X)	(X)		(D)
		Fourth quarter 2009	5	(X)		(D)
		Third quarter 2009	6	(X)	r/	5,171
		Second quarter 2009	6	(X)	r/	5,168
		First quarter 2009	6	(X)		(D)
		Total		(X)		(D)
		Fourth quarter 2008		(X)		(D)
		Third quarter 2008		(X)		(D)
		Second quarter 2008		(X)		(D)
		First quarter 2008		(X)		(D)
3342203111	Wi Max equipment	Total	(X)	(X)		(D)
		Fourth quarter 2009	5	(X)		6,753
		Third quarter 2009	5	(X)		7,222
		Second quarter 2009	5	(X)		(D)
		First quarter 2009	5	(X)		(D)
		Total		(X)		(D)
		Fourth quarter 2008		(X)		(D)
		Third quarter 2008		(X)		(D)
		Second quarter 2008		(X)		(D)
		First quarter 2008		(X)		(D)
3342203113	Other cellular networking equipment	Total	(X)	(X)	b/	1,238,317
		Fourth quarter 2009	19	(X)	b/	289,425
		Third quarter 2009	20	(X)	r/ b/	290,786
		Second quarter 2009	20	(X)	b/	295,165
		First quarter 2009	21	(X)	r/ a/	362,941
		Total		(X)	r/ b/	1,218,711

		Fourth quarter 2009	34	(X)		(S)
		Third quarter 2009	34	(X)		(S)
		Second quarter 2009	34	(X)		(S)
		First quarter 2009	36	(X)	r/ c/	67,184
		Total		(X)	b/	333,602
		Fourth quarter 2008		(X)	c/	80,308
		Third quarter 2008		(X)	b/	85,661
		Second quarter 2008		(X)	b/	87,714
		First quarter 2008		(X)	b/	79,919
3342209109	Antenna systems sold separately	Total	(X)	(X)	a/	2,146,890
		Fourth quarter 2009	64	(X)	a/	544,514
		Third quarter 2009	67	(X)	r/ a/	536,424
		Second quarter 2009	68	(X)	r/ a/	516,668
		First quarter 2009	68	(X)	r/ a/	549,284
		Total		(X)	a/	1,651,833
		Fourth quarter 2008		(X)	a/	412,086
		Third quarter 2008		(X)	a/	425,430
		Second quarter 2008		(X)	a/	441,720
		First quarter 2008		(X)	a/	372,597
3342209125	Other communications systems and equipment	Total	(X)	(X)	a/	8,277,204
		Fourth quarter 2009	127	(X)	a/	1,974,107
		Third quarter 2009	132	(X)	r/ a/	2,087,395
		Second quarter 2009	133	(X)	r/ a/	2,049,499
		First quarter 2009	136	(X)	r/ a/	2,166,203
		Total		(X)	b/	8,896,897
		Fourth quarter 2008		(X)	b/	2,354,161
		Third quarter 2008		(X)	b/	2,166,561
		Second quarter 2008		(X)	c/	2,156,866
		First quarter 2008		(X)	b/	2,219,309
3342202	Total broadcast, studio, and related electronic equipment	Total	(X)	(X)	c/	4,237,084
		Fourth quarter 2009	(X)	(X)	a/	1,219,062
		Third quarter 2009	(X)	(X)	a/	1,108,616
		Second quarter 2009	(X)	(X)		(S)
		First quarter 2009	(X)	(X)	r/ c/	689,994
		Total		(X)	r/ a/	4,110,320
		Fourth quarter 2008		(X)	r/ b/	922,715
		Third quarter 2008		(X)	r/ b/	1,044,018
		Second quarter 2008		(X)	r/ b/	1,062,265
		First quarter 2008		(X)	r/ a/	1,081,322
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/	243,737
		Fourth quarter 2009	30	(X)	c/	58,172
		Third quarter 2009	31	(X)	r/ c/	57,456
		Second quarter 2009	34	(X)	r/ c/	60,831
		First quarter 2009	38	(X)		(S)
		Total		(X)	r/ c/	526,126
		Fourth quarter 2008		(X)		(S)
		Third quarter 2008		(X)	r/ b/	153,890
		Second quarter 2008		(X)	r/ b/	159,654
		First quarter 2008		(X)	r/ b/	145,961
3342202113	Video production equipment (include professional VCR's, switches, character generators, and other electronic equipment)	Total	(X)	(X)	a/	398,037
		Fourth quarter 2009	23	(X)		100,183
		Third quarter 2009	25	(X)	a/	93,679
		Second quarter 2009	25	(X)	a/	100,282
		First quarter 2009	25	(X)	a/	103,893
		Total		(X)	r/	933,455
		Fourth quarter 2008		(X)	b/	135,391
		Third quarter 2008		(X)	r/	262,279
		Second quarter 2008		(X)	r/	285,494
		First quarter 2008		(X)	r/	250,291
3342202116	AM and FM transmitters	Total	(X)	(X)	c/	233,979
		Fourth quarter 2009	12	(X)	c/	64,087
		Third quarter 2009	12	(X)	c/	52,372
		Second quarter 2009	11	(X)		(S)
		First quarter 2009	11	(X)		(S)
		Total		(X)		243,745
		Fourth quarter 2008		(X)		58,723

		Third quarter 2009	(X)	(X)	a/	406,831
		Second quarter 2009	(X)	(X)	a/	427,616
		First quarter 2009	(X)	(X)	a/	428,442
		Total		(X)	b/	2,090,277
		Fourth quarter 2008		(X)	b/	515,343
		Third quarter 2008		(X)	b/	515,122
		Second quarter 2008		(X)	b/	533,345
		First quarter 2008		(X)	b/	526,467
3342901107	Intrusion detection alarm systems	Total	(X)	(X)		(S)
		Fourth quarter 2009	20	(X)		(S)
		Third quarter 2009	20	(X)		(S)
		Second quarter 2009	20	(X)	c/	26,848
		First quarter 2009	22	(X)		(S)
		Total		(X)		(S)
		Fourth quarter 2008		(X)		(S)
		Third quarter 2008		(X)		(S)
		Second quarter 2008		(X)		(S)
		First quarter 2008		(X)		(S)
3342901111	Fire detection and prevention alarm systems	Total	(X)	(X)		1,244,428
		Fourth quarter 2009	27	(X)		295,460
		Third quarter 2009	28	(X)	r/	307,325
		Second quarter 2009	28	(X)		321,549
		First quarter 2009	29	(X)		320,094
		Total		(X)	b/	1,615,996
		Fourth quarter 2008		(X)	b/	389,684
		Third quarter 2008		(X)	b/	400,404
		Second quarter 2008		(X)	b/	414,952
		First quarter 2008		(X)	b/	410,956
3342901609	Other alarm systems	Total	(X)	(X)	b/	307,849
		Fourth quarter 2009	19	(X)	b/	75,724
		Third quarter 2009	19	(X)	b/	75,867
		Second quarter 2009	19	(X)	c/	79,219
		First quarter 2009	19	(X)	b/	77,039
		Total		(X)	b/	351,729
		Fourth quarter 2008		(X)	b/	91,146
		Third quarter 2008		(X)	b/	86,334
		Second quarter 2008		(X)	b/	89,368
		First quarter 2008		(X)	b/	84,881
3342902	Total vehicular and pedestrian traffic control equipment, electrical railway signals and attachments	Total	(X)	(X)		(S)
		Fourth quarter 2009	27	(X)	c/	175,903
		Third quarter 2009	29	(X)	c/	189,477
		Second quarter 2009	30	(X)	c/	186,696
		First quarter 2009	32	(X)		(S)
		Total		(X)	b/	1,231,187
		Fourth quarter 2008		(X)	b/	292,593
		Third quarter 2008		(X)	b/	294,577
		Second quarter 2008		(X)	b/	332,029
		First quarter 2008		(X)	b/	311,988
3342903	Total intercommunications systems, including inductive paging systems (selective calling), except telephone and telegraph	Total	(X)	(X)	b/	388,476
		Fourth quarter 2009	27	(X)	b/	86,894
		Third quarter 2009	28	(X)	b/	102,759
		Second quarter 2009	28	(X)	r/	91,700
		First quarter 2009	29	(X)	b/	107,123
		Total		(X)	c/	457,772
		Fourth quarter 2008		(X)	c/	106,186
		Third quarter 2008		(X)	c/	129,813
		Second quarter 2008		(X)	c/	118,573
		First quarter 2008		(X)	b/	103,200
3344184	External personal computer modems	Total	(X)	(X)		(D)
		Fourth quarter 2009	3	(X)		(D)
		Third quarter 2009	4	(X)	c/	10,831
		Second quarter 2009	4	(X)	c/	9,438
		First quarter 2009	4	(X)	r/	10,611
		Total		(X)	c/	86,737
		Fourth quarter 2008		(X)	c/	21,245
		Third quarter 2008		(X)	c/	20,358

Second quarter 2008	(X)	c/	22,536
First quarter 2008	(X)	c/	22,598

Table 3. Shipments, Exports, and Imports of Telecommunications Equipment: 2009 and 2008
[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/	Imports for consumption (value) 3/ 4/
334210418T	Wireline and wireless switching equipment	2009	(NA)	(D)	5,505,381	15,427,471
		2008	(NA)	(D)	6,823,201	17,729,425
3342107425	Telephone sets, including wireless phone sets (exclude cell phones)	2009	(NA)	(D)	289,199	1,622,860
		2008	(NA)	(D)	443,368	2,219,926
3342203103	Cellular base stations	2009	(NA) a/	1,531,304	131,841	560,772
		2008	(NA)	2,042,234	229,816	910,400
3342203107	Cellular handsets (cell phones)	2009	(NA)	(D)	1,450,350	32,834,323
		2008	(NA)	(D)	1,509,226	31,039,467
3342202116	AM and FM transmitters	2009	(NA) c/	233,979	(NA)	48,662
		2008	(NA)	243,745	(NA)	52,265
334220210T	Television transmission apparatus including cable and closed circuit television	2009	(NA)	(D)	427,423	1,681,416
		2008	(NA) c/	1,409,548	527,231	2,309,459
3342209109	Antennae systems sold separately	2009	(NA) a/	2,146,890	1,019,393	644,284
		2008	(NA) a/	1,651,833	1,128,156	801,279
3342202107	Audio production equipment for broadcast studios (include microphones, mixers, other electronic equipment and parts and accessories for such equipment sold separately)	2009	(NA) c/	243,737	200,319	427,302
		2008	(NA) c/	526,126	306,139	512,170
3342901107	Intrusion detection alarm systems	2009	(NA)	(S)	41,684	97,432
		2008	(NA)	(S)	60,423	100,456
3342901111	Fire detection and prevention alarm systems	2009	(NA)	1,244,428	219,592	313,849
		2008	(NA) b/	1,615,996	257,176	316,151
3342902000	Total vehicular and pedestrian traffic control equipment, electrical railway signals and attachments	2009	(NA)	(S)	212,689	281,387
		2008	(NA) b/	1,231,187	207,897	299,283
3342903000	Total intercommunications systems, including inductive paging systems (selective paging), except telephone and telegraph	2009	(NA) b/	388,476	617,421	1,543,687
		2008	(NA) c/	457,772	763,023	1,811,350

Footnotes:

1/For comparison of North American Industry Classification System (NAICS)-based product codes with Schedule B export codes and HTSUSA 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: 2009

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 sold separately)	8518.40.2000	8518.40.2000
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	8517.69.0000	8517.69.0000

Footnotes:

1/Source: 2009 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 (2009).

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 follows:

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.

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>.