

Telecommunications: 2002

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2002 Economic Census

Information

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



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-- Not applicable for this report.

Table 1. Summary Statistics for the United States: 2002

[These data are preliminary and are subject to change; they will be superseded by data released in later reports. Includes only establishments of firms with payroll. For meaning of abbreviations and symbols, see introductory text. For explanation of terms, see Appendix A. Data based on the 2002 Economic Census. For information on confidentiality protection, sampling error, nonsampling error, and definitions, see note at end of table. Enterprise support establishments are included. Because of this, comparability to 1997 Economic Census data may be limited. See introductory text for an explanation of the treatment of enterprise support establishments in the 2002 Economic Census compared to the 1997 Economic Census]

2002 NAICS code	Kind of business	Estab-lishments (number)	Receipts (\$1,000)	Annual payroll (\$1,000)	First-quarter payroll (\$1,000)	Paid employees for pay period including March 12 (number)	Percent of receipts—	
							From admini-strative records ¹	Estimated ²
517	Telecommunications	49 055	411 807 701	71 486 038	19 212 264	1 427 997	1.4	4.3
5171	Wired telecommunications carriers	27 891	238 262 752	46 949 234	12 772 082	835 372	1.1	2.6
51711	Wired telecommunications carriers	27 891	238 262 752	46 949 234	12 772 082	835 372	1.1	2.6
517110	Wired telecommunications carriers	27 891	238 262 752	46 949 234	12 772 082	835 372	1.1	2.6
5172	Wireless telecommunications carriers (except satellite)	11 175	100 106 033	13 348 034	3 585 203	286 128	1.4	3.3
51721	Wireless telecommunications carriers (except satellite)	11 175	100 106 033	13 348 034	3 585 203	286 128	1.4	3.3
517211	Paging	1 664	2 961 493	786 648	203 686	23 625	13.3	18.7
517212	Cellular and other wireless telecommunications	9 511	97 144 540	12 561 386	3 381 517	262 503	1.1	2.8
5173	Telecommunications resellers	2 526	9 390 740	1 375 305	373 642	34 003	9.6	19.3
51731	Telecommunications resellers	2 526	9 390 740	1 375 305	373 642	34 003	9.6	19.3
517310	Telecommunications resellers	2 526	9 390 740	1 375 305	373 642	34 003	9.6	19.3
5174	Satellite telecommunications	634	5 728 681	864 619	234 852	13 849	3.2	33.8
51741	Satellite telecommunications	634	5 728 681	864 619	234 852	13 849	3.2	33.8
517410	Satellite telecommunications	634	5 728 681	864 619	234 852	13 849	3.2	33.8
5175	Cable and other program distribution	6 118	56 709 967	8 328 039	2 082 968	247 112	.6	6.9
51751	Cable and other program distribution	6 118	56 709 967	8 328 039	2 082 968	247 112	.6	6.9
517510	Cable and other program distribution	6 118	56 709 967	8 328 039	2 082 968	247 112	.6	6.9
5179	Other telecommunications	711	1 609 528	620 807	163 517	11 533	11.5	40.0
51791	Other telecommunications	711	1 609 528	620 807	163 517	11 533	11.5	40.0
517910	Other telecommunications	711	1 609 528	620 807	163 517	11 533	11.5	40.0

¹Includes receipts information obtained from administrative records of other federal agencies.

²Includes receipts information that was imputed based on historic data, administrative data, industry averages, or other statistical methods.

Note: The data in this table are based on the 2002 Economic Census. To maintain confidentiality, the Census Bureau suppresses data to protect the identity of any business or individual. The census results in this table contain nonsampling error. Data users who create their own estimates using data from this table should cite the Census Bureau as the source of the original data only. See also explanation of terms and geographic definitions. For the full technical documentation, see Appendix C.

Table 2. Comparative Statistics for the United States (1997 NAICS Basis): 2002 and 1997

[These data are preliminary and are subject to change; they will be superseded by data released in later reports. Includes only establishments of firms with payroll. For meaning of abbreviations and symbols, see introductory text. For explanation of terms, see Appendix A. Data based on the 2002 and 1997 Economic Censuses. For information on confidentiality protection, sampling error, nonsampling error, and definitions, see note at end of table. Enterprise support establishments are included. Because of this, comparability to 1997 Economic Census data may be limited. See introductory text for an explanation of the treatment of enterprise support establishments in the 2002 Economic Census compared to the 1997 Economic Census]

1997 NAICS code	Kind of business		Establishments (number)	Receipts (\$1,000)	Annual payroll (\$1,000)	Paid employees for pay period including March 12 (number)
51322	Cable and other program distribution	2002..	6 118	56 709 967	8 328 039	247 112
		1997..	4 185	34 999 969	4 792 975	147 863
513220	Cable and other program distribution	2002..	6 118	56 709 967	8 328 039	247 112
		1997..	4 185	34 999 969	4 792 975	147 863
5133	Telecommunications	2002..	42 937	355 097 734	63 157 999	1 180 885
		1997..	30 012	260 500 898	47 459 520	1 010 389
51331	Wired telecommunications carriers	2002..	27 891	238 262 752	46 949 234	835 372
		1997..	20 815	208 790 552	39 564 540	815 427
513310	Wired telecommunications carriers	2002..	27 891	238 262 752	46 949 234	835 372
		1997..	20 815	208 790 552	39 564 540	815 427
51332	Wireless telecommunications carriers (except satellite)	2002..	11 175	100 106 033	13 348 034	286 128
		1997..	6 386	37 888 862	5 839 301	146 302
513321	Paging	2002..	1 664	2 961 493	786 648	23 625
		1997..	3 427	16 970 204	2 583 708	70 445
513322	Cellular and other wireless telecommunications	2002..	9 511	97 144 540	12 561 386	262 503
		1997..	2 959	20 918 658	3 255 593	75 857
51333	Telecommunications resellers	2002..	2 526	9 390 740	1 375 305	34 003
		1997..	1 656	7 592 298	1 185 078	30 028
513330	Telecommunications resellers	2002..	2 526	9 390 740	1 375 305	34 003
		1997..	1 656	7 592 298	1 185 078	30 028
51334	Satellite telecommunications	2002..	634	5 728 681	864 619	13 849
		1997..	521	5 096 182	599 282	11 931
513340	Satellite telecommunications	2002..	634	5 728 681	864 619	13 849
		1997..	521	5 096 182	599 282	11 931
51339	Other telecommunications	2002..	711	1 609 528	620 807	11 533
		1997..	634	1 133 004	271 319	6 701
513390	Other telecommunications	2002..	711	1 609 528	620 807	11 533
		1997..	634	1 133 004	271 319	6 701

Note: The data in this table are based on the 2002 and 1997 Economic Censuses. To maintain confidentiality, the Census Bureau suppresses data to protect the identity of any business or individual. The census results in this table contain nonsampling error. Data users who create their own estimates using data from this table should cite the Census Bureau as the source of the original data only. See also explanation of terms and geographic definitions. For the full technical documentation, see Appendix C.

Table 3. Product Lines by Kind of Business for the United States: 2002

[These data are preliminary and are subject to change; they will be superseded by data released in later reports. Includes only establishments of firms with payroll. For meaning of abbreviations and symbols, see introductory text. For explanation of terms, see Appendix A. Data based on the 2002 Economic Census. For information on confidentiality protection, sampling error, nonsampling error, and definitions, see note at end of table. Enterprise support establishments are included. Because of this, comparability to 1997 Economic Census data may be limited. See introductory text for an explanation of the treatment of enterprise support establishments in the 2002 Economic Census compared to the 1997 Economic Census.]

2002 NAICS code	2002 Product line code	Kind of business and product line	Establishments with the product line		Product line receipts			Response coverage ² (percent)
			Number	Total receipts (\$1,000)	Amount ¹ (\$1,000)	As percent of total receipts of—		
						Establishments with the product line	All establishments ¹	
517		Telecommunications	49 055	X	411 807 701	X	100.0	85.0
	31730	Mailing lists, rental or sale	N	N	6 372	N	Z	X
	32340	Television: Program rights	N	N	4 537	N	Z	X
	32380	Multichannel programming distribution services (analog and digital)	N	N	43 894 309	N	10.7	X
	32390	Air time - Program distribution networks: Advertising	N	N	3 242 109	N	.8	X
	32400	Cable and other program distribution: Related services	N	N	3 140 598	N	.8	X
	32410	Production and postproduction services - Television	N	N	1 134	N	Z	X
	32420	Carrier services, including network access services to other telecommunication carriers	N	N	63 345 240	N	15.4	X
	32430	Basic fixed local telephony - Residential	N	N	40 248 238	N	9.8	X
	32440	Basic fixed local telephony - Business	N	N	29 619 616	N	7.2	X
	32450	Basic fixed local telephony - Public	N	N	8 824 500	N	2.1	X
	32460	Calling features, including call waiting, caller ID, voice mail - Fixed telephony	N	N	12 981 410	N	3.2	X
	32470	Basic fixed long distance telephony - Outbound - Residential	N	N	25 625 978	N	6.2	X
	32480	Basic fixed long distance telephony - Outbound - Business	N	N	19 376 067	N	4.7	X
	32490	Basic fixed long distance telephony - Outbound - Public	N	N	1 474 928	N	.4	X
	32500	Basic fixed long distance telephony - Inbound	N	N	7 391 820	N	1.8	X
	32510	Basic fixed all distance telephony	N	N	1 381 144	N	.3	X
	32520	Private network services	N	N	8 105 906	N	2.0	X
	32530	Data transmission services	N	N	7 143 866	N	1.7	X
	32540	Mobile local access and use ³	N	N	63 388 294	N	15.4	X
	32550	Calling features, including call waiting, caller ID, voice mail - Mobile telephony ³	N	N	2 709 963	N	.7	X
	32560	Mobile long distance telephony ³	N	N	6 341 553	N	1.5	X
	32570	Mobile all distance telephony ³	N	N	10 376 089	N	2.5	X
	32580	Messaging (paging) services ³	N	N	3 032 371	N	.7	X
	32590	Mobile dispatch services ³	N	N	143 945	N	Z	X
	32600	Other telecommunication services, including telegraph, audio conferencing, telex, etc.	N	N	9 796 214	N	2.4	X
	32610	Telecommunications network installation services	N	N	1 302 342	N	.3	X
	32620	Telecommunications equipment sales	N	N	8 223 054	N	2.0	X
	32630	Telecommunications equipment rental, including leasing	N	N	846 795	N	.2	X
	32640	Telecommunications equipment maintenance	N	N	1 597 423	N	.4	X
	32650	Sale of directory advertising space - print, not specified by type	N	N	1 165 293	N	.3	X
	32710	Internet backbone services	N	N	2 846 947	N	.7	X
	35100	Computer network design and development services	N	N	403 967	N	.1	X
	35550	Internet access services	N	N	12 273 260	N	3.0	X
	39000	Merchandise sales	N	N	98 891	N	Z	X
	39500	All other receipts	N	N	11 453 528	N	2.8	X
5171		Wired telecommunications carriers	27 891	X	238 262 752	X	100.0	83.9
	31730	Mailing lists, rental or sale	Q	Q	2 383	Q	Z	X
	32380	Multichannel programming distribution services (analog and digital)	Q	Q	312 124	Q	.1	X
	32420	Carrier services, including network access services to other telecommunication carriers	Q	Q	56 115 643	Q	23.6	X
	32430	Basic fixed local telephony - Residential	Q	Q	38 510 409	Q	16.2	X
	32440	Basic fixed local telephony - Business	Q	Q	28 803 584	Q	12.1	X
	32450	Basic fixed local telephony - Public	Q	Q	8 770 452	Q	3.7	X
	32460	Calling features, including call waiting, caller ID, voice mail - Fixed telephony	Q	Q	12 878 102	Q	5.4	83.4
	32461	Residential	Q	Q	9 671 455	Q	4.1	X
	32462	Business	Q	Q	3 206 647	Q	1.3	X
	32470	Basic fixed long distance telephony - Outbound - Residential	Q	Q	22 978 060	Q	9.6	X
	32480	Basic fixed long distance telephony - Outbound - Business	Q	Q	17 929 272	Q	7.5	50.9
	32481	Switched access outbound - Intrastate	Q	Q	3 520 771	Q	1.5	X
	32482	Switched access outbound - Interstate	Q	Q	6 241 358	Q	2.6	X
	32483	Switched access outbound - International	Q	Q	1 924 349	Q	.8	X
	32484	Special access outbound - Intrastate	Q	Q	1 870 920	Q	.8	X
	32485	Special access outbound - Interstate	Q	Q	4 306 432	Q	1.8	X
	32486	Special access outbound - International	Q	Q	65 442	Q	Z	X
	32490	Basic fixed long distance telephony - Outbound - Public	Q	Q	1 248 497	Q	.5	X
	32500	Basic fixed long distance telephony - Inbound	Q	Q	6 888 176	Q	2.9	45.7
	32510	Basic fixed all distance telephony	Q	Q	1 167 487	Q	.5	X
	32520	Private network services	Q	Q	7 469 537	Q	3.1	61.2
	32521	Intrastate toll service	Q	Q	1 340 035	Q	.6	X
	32522	Interstate toll service	Q	Q	5 408 916	Q	2.3	X
	32523	International toll service	Q	Q	720 586	Q	.3	X
	32530	Data transmission services	Q	Q	6 199 597	Q	2.6	X
	32540	Mobile local access and use ³	Q	Q	100 070	Q	Z	X
	32550	Calling features, including call waiting, caller ID, voice mail - Mobile telephony ³	Q	Q	9 531	Q	Z	X
	32560	Mobile long distance telephony ³	Q	Q	73 861	Q	Z	X
	32570	Mobile all distance telephony ³	Q	Q	9 531	Q	Z	X
	32580	Messaging (paging) services ³	Q	Q	131 045	Q	.1	X
	32600	Other telecommunication services, including telegraph, audio conferencing, telex, etc.	Q	Q	3 190 338	Q	1.3	X
	32610	Telecommunications network installation services	Q	Q	1 091 243	Q	.5	X
	32620	Telecommunications equipment sales	Q	Q	2 253 966	Q	.9	X
	32630	Telecommunications equipment rental, including leasing	Q	Q	652 840	Q	.3	X
	32640	Telecommunications equipment maintenance	Q	Q	1 451 020	Q	.6	X
	32650	Sale of directory advertising space - print, not specified by type	Q	Q	1 165 105	Q	.5	X
	32710	Internet backbone services	Q	Q	2 678 073	Q	1.1	X
	35100	Computer network design and development services	Q	Q	383 603	Q	.2	82.9
	35102	Computer network design and development services, other than security	Q	Q	383 603	Q	.2	X
	35550	Internet access services	Q	Q	7 059 725	Q	3.0	66.8
	35551	Narrowband	Q	Q	1 455 786	Q	.6	X
	35552	Broadband	Q	Q	5 603 939	Q	2.4	X

See footnotes at end of table.

Table 3. Product Lines by Kind of Business for the United States: 2002—Con.

[These data are preliminary and are subject to change; they will be superseded by data released in later reports. Includes only establishments of firms with payroll. For meaning of abbreviations and symbols, see introductory text. For explanation of terms, see Appendix A. Data based on the 2002 Economic Census. For information on confidentiality protection, sampling error, nonsampling error, and definitions, see note at end of table. Enterprise support establishments are included. Because of this, comparability to 1997 Economic Census data may be limited. See introductory text for an explanation of the treatment of enterprise support establishments in the 2002 Economic Census compared to the 1997 Economic Census.]

2002 NAICS code	2002 Product line code	Kind of business and product line	Establishments with the product line		Product line receipts			Response coverage ² (percent)
			Number	Total receipts (\$1,000)	Amount ¹ (\$1,000)	As percent of total receipts of—		
						Establishments with the product line	All establishments ¹	
5171		Wired telecommunications carriers—Con.						
	39000	Merchandise sales	Q	Q	40 505	Q	Z	83.9
	39041	Sale of other merchandise, not specified by type	Q	Q	40 505	Q	Z	X
	39500	All other receipts	Q	Q	8 698 973	Q	3.7	83.9
	39534	All other receipts	Q	Q	8 698 973	Q	3.7	X
51711		Wired telecommunications carriers	27 891	X	238 262 752	X	100.0	83.9
	31730	Mailing lists, rental or sale	Q	Q	2 383	Q	Z	X
	32380	Multichannel programming distribution services (analog and digital)	Q	Q	312 124	Q	.1	X
	32420	Carrier services, including network access services to other telecommunication carriers	Q	Q	56 115 643	Q	23.6	X
	32430	Basic fixed local telephony - Residential	Q	Q	38 510 409	Q	16.2	X
	32440	Basic fixed local telephony - Business	Q	Q	28 803 584	Q	12.1	X
	32450	Basic fixed local telephony - Public	Q	Q	8 770 452	Q	3.7	X
	32460	Calling features, including call waiting, caller ID, voice mail - Fixed telephony	Q	Q	12 878 102	Q	5.4	83.4
	32461	Residential	Q	Q	9 671 455	Q	4.1	X
	32462	Business	Q	Q	3 206 647	Q	1.3	X
	32470	Basic fixed long distance telephony - Outbound - Residential	Q	Q	22 978 060	Q	9.6	X
	32480	Basic fixed long distance telephony - Outbound - Business	Q	Q	17 929 272	Q	7.5	50.9
	32481	Switched access outbound - Intrastate	Q	Q	3 520 771	Q	1.5	X
	32482	Switched access outbound - Interstate	Q	Q	6 241 358	Q	2.6	X
	32483	Switched access outbound - International	Q	Q	1 924 349	Q	.8	X
	32484	Special access outbound - Intrastate	Q	Q	1 870 920	Q	.8	X
	32485	Special access outbound - Interstate	Q	Q	4 306 432	Q	1.8	X
	32486	Special access outbound - International	Q	Q	65 442	Q	Z	X
	32490	Basic fixed long distance telephony - Outbound - Public	Q	Q	1 248 497	Q	.5	X
	32500	Basic fixed long distance telephony - Inbound	Q	Q	6 888 176	Q	2.9	45.7
	32510	Basic fixed all distance telephony	Q	Q	1 167 487	Q	.5	X
	32520	Private network services	Q	Q	7 469 537	Q	3.1	61.2
	32521	Intrastate toll service	Q	Q	1 340 035	Q	.6	X
	32522	Interstate toll service	Q	Q	5 408 916	Q	2.3	X
	32523	International toll service	Q	Q	720 586	Q	.3	X
	32530	Data transmission services	Q	Q	6 199 597	Q	2.6	X
	32540	Mobile local access and use ³	Q	Q	100 070	Q	Z	X
	32550	Calling features, including call waiting, caller ID, voice mail - Mobile telephony ³	Q	Q	9 531	Q	Z	X
	32560	Mobile long distance telephony ³	Q	Q	73 861	Q	Z	X
	32570	Mobile all distance telephony ³	Q	Q	9 531	Q	Z	X
	32580	Messaging (paging) services ³	Q	Q	131 045	Q	.1	X
	32600	Other telecommunication services, including telegraph, audio conferencing, telex, etc.	Q	Q	3 190 338	Q	1.3	X
	32610	Telecommunications network installation services	Q	Q	1 091 243	Q	.5	X
	32620	Telecommunications equipment sales	Q	Q	2 253 966	Q	.9	X
	32630	Telecommunications equipment rental, including leasing	Q	Q	652 840	Q	.3	X
	32640	Telecommunications equipment maintenance	Q	Q	1 451 020	Q	.6	X
	32650	Sale of directory advertising space - print, not specified by type	Q	Q	1 165 105	Q	.5	X
	32710	Internet backbone services	Q	Q	2 678 073	Q	1.1	X
	35100	Computer network design and development services	Q	Q	383 603	Q	.2	82.9
	35102	Computer network design and development services, other than security	Q	Q	383 603	Q	.2	X
	35550	Internet access services	Q	Q	7 059 725	Q	3.0	66.8
	35551	Narrowband	Q	Q	1 455 786	Q	.6	X
	35552	Broadband	Q	Q	5 603 939	Q	2.4	X
	39000	Merchandise sales	Q	Q	40 505	Q	Z	83.9
	39041	Sale of other merchandise, not specified by type	Q	Q	40 505	Q	Z	X
	39500	All other receipts	Q	Q	8 698 973	Q	3.7	83.9
	39534	All other receipts	Q	Q	8 698 973	Q	3.7	X
51710		Wired telecommunications carriers	27 891	X	238 262 752	X	100.0	83.9
	31730	Mailing lists, rental or sale	Q	Q	2 383	Q	Z	X
	32380	Multichannel programming distribution services (analog and digital)	Q	Q	312 124	Q	.1	X
	32420	Carrier services, including network access services to other telecommunication carriers	Q	Q	56 115 643	Q	23.6	X
	32430	Basic fixed local telephony - Residential	Q	Q	38 510 409	Q	16.2	X
	32440	Basic fixed local telephony - Business	Q	Q	28 803 584	Q	12.1	X
	32450	Basic fixed local telephony - Public	Q	Q	8 770 452	Q	3.7	X
	32460	Calling features, including call waiting, caller ID, voice mail - Fixed telephony	Q	Q	12 878 102	Q	5.4	83.4
	32461	Residential	Q	Q	9 671 455	Q	4.1	X
	32462	Business	Q	Q	3 206 647	Q	1.3	X
	32470	Basic fixed long distance telephony - Outbound - Residential	Q	Q	22 978 060	Q	9.6	X
	32480	Basic fixed long distance telephony - Outbound - Business	Q	Q	17 929 272	Q	7.5	50.9
	32481	Switched access outbound - Intrastate	Q	Q	3 520 771	Q	1.5	X
	32482	Switched access outbound - Interstate	Q	Q	6 241 358	Q	2.6	X
	32483	Switched access outbound - International	Q	Q	1 924 349	Q	.8	X
	32484	Special access outbound - Intrastate	Q	Q	1 870 920	Q	.8	X
	32485	Special access outbound - Interstate	Q	Q	4 306 432	Q	1.8	X
	32486	Special access outbound - International	Q	Q	65 442	Q	Z	X
	32490	Basic fixed long distance telephony - Outbound - Public	Q	Q	1 248 497	Q	.5	X
	32500	Basic fixed long distance telephony - Inbound	Q	Q	6 888 176	Q	2.9	45.7
	32510	Basic fixed all distance telephony	Q	Q	1 167 487	Q	.5	X

See footnotes at end of table.

Table 3. Product Lines by Kind of Business for the United States: 2002—Con.

[These data are preliminary and are subject to change; they will be superseded by data released in later reports. Includes only establishments of firms with payroll. For meaning of abbreviations and symbols, see introductory text. For explanation of terms, see Appendix A. Data based on the 2002 Economic Census. For information on confidentiality protection, sampling error, nonsampling error, and definitions, see note at end of table. Enterprise support establishments are included. Because of this, comparability to 1997 Economic Census data may be limited. See introductory text for an explanation of the treatment of enterprise support establishments in the 2002 Economic Census compared to the 1997 Economic Census.]

2002 NAICS code	2002 Product line code	Kind of business and product line	Establishments with the product line		Product line receipts			Response coverage ² (percent)
			Number	Total receipts (\$1,000)	Amount ¹ (\$1,000)	As percent of total receipts of—		
						Establishments with the product line	All establishments ¹	
517110		Wired telecommunications carriers—Con.						
	32520	Private network services	Q	Q	7 469 537	Q	3.1	61.2
	32521	Intrastate toll service	Q	Q	1 340 035	Q	.6	X
	32522	Interstate toll service	Q	Q	5 408 916	Q	2.3	X
	32523	International toll service	Q	Q	720 586	Q	.3	X
	32530	Data transmission services	Q	Q	6 199 597	Q	2.6	X
	32540	Mobile local access and use ³	Q	Q	100 070	Q	Z	X
	32550	Calling features, including call waiting, caller ID, voice mail - Mobile telephony ³	Q	Q	9 531	Q	Z	X
	32560	Mobile long distance telephony ³	Q	Q	73 861	Q	Z	X
	32570	Mobile all distance telephony ³	Q	Q	9 531	Q	Z	X
	32580	Messaging (paging) services ³	Q	Q	131 045	Q	.1	X
	32600	Other telecommunication services, including telegraph, audio conferencing, telex, etc.	Q	Q	3 190 338	Q	1.3	X
	32610	Telecommunications network installation services	Q	Q	1 091 243	Q	.5	X
	32620	Telecommunications equipment sales	Q	Q	2 253 966	Q	.9	X
	32630	Telecommunications equipment rental, including leasing	Q	Q	652 840	Q	.3	X
	32640	Telecommunications equipment maintenance	Q	Q	1 451 020	Q	.6	X
	32650	Sale of directory advertising space - print, not specified by type	Q	Q	1 165 105	Q	.5	X
	32710	Internet backbone services	Q	Q	2 678 073	Q	1.1	X
	35100	Computer network design and development services	Q	Q	383 603	Q	.2	82.9
	35102	Computer network design and development services, other than security	Q	Q	383 603	Q	.2	X
	35550	Internet access services	Q	Q	7 059 725	Q	3.0	66.8
	35551	Narrowband	Q	Q	1 455 786	Q	.6	X
	35552	Broadband	Q	Q	5 603 939	Q	2.4	X
	39000	Merchandise sales	Q	Q	40 505	Q	Z	83.9
	39041	Sale of other merchandise, not specified by type	Q	Q	40 505	Q	Z	X
	39500	All other receipts	Q	Q	8 698 973	Q	3.7	83.9
	39534	All other receipts	Q	Q	8 698 973	Q	3.7	X
5172		Wireless telecommunications carriers (except satellite)	11 175	X	100 106 033	X	100.0	91.5
	32380	Multichannel programming distribution services (analog and digital)	Q	Q	7 325	Q	Z	X
	32420	Carrier services, including network access services to other telecommunication carriers	Q	Q	2 914 739	Q	2.9	X
	32430	Basic fixed local telephony - Residential	Q	Q	33 189	Q	Z	X
	32440	Basic fixed local telephony - Business	Q	Q	24 330	Q	Z	X
	32460	Calling features, including call waiting, caller ID, voice mail - Fixed telephony	Q	Q	3 889	Q	Z	90.8
	32461	Residential	Q	Q	3 307	Q	Z	X
	32462	Business	Q	Q	582	Q	Z	X
	32470	Basic fixed long distance telephony - Outbound - Residential	Q	Q	1 652	Q	Z	X
	32480	Basic fixed long distance telephony - Outbound - Business	Q	Q	6 133	Q	Z	90.9
	32481	Switched access outbound - Intrastate	Q	Q	3 046	Q	Z	X
	32482	Switched access outbound - Interstate	Q	Q	2 937	Q	Z	X
	32483	Switched access outbound - International	Q	Q	85	Q	Z	X
	32500	Basic fixed long distance telephony - Inbound	Q	Q	34 969	Q	Z	91.5
	32510	Basic fixed all distance telephony	Q	Q	3 882	Q	Z	X
	32520	Private network services	Q	Q	6 853	Q	Z	89.5
	32521	Intrastate toll service	Q	Q	4 028	Q	Z	X
	32522	Interstate toll service	Q	Q	2 071	Q	Z	X
	32530	Data transmission services	Q	Q	14 558	Q	Z	X
	32540	Mobile local access and use ³	Q	Q	63 009 973	Q	62.9	X
	32550	Calling features, including call waiting, caller ID, voice mail - Mobile telephony ³	Q	Q	2 696 488	Q	2.7	X
	32560	Mobile long distance telephony ³	Q	Q	6 259 804	Q	6.3	X
	32570	Mobile all distance telephony ³	Q	Q	10 162 666	Q	10.2	X
	32580	Messaging (paging) services ³	Q	Q	2 871 182	Q	2.9	X
	32590	Mobile dispatch services ³	Q	Q	143 945	Q	.1	X
	32600	Other telecommunication services, including telegraph, audio conferencing, telex, etc.	Q	Q	4 567 912	Q	4.6	X
	32610	Telecommunications network installation services	Q	Q	176 166	Q	.2	X
	32620	Telecommunications equipment sales	Q	Q	5 717 544	Q	5.7	X
	32630	Telecommunications equipment rental, including leasing	Q	Q	170 519	Q	.2	X
	32640	Telecommunications equipment maintenance	Q	Q	143 116	Q	.1	X
	35100	Computer network design and development services	Q	Q	2 912	Q	Z	91.5
	35102	Computer network design and development services, other than security	Q	Q	2 912	Q	Z	X
	35550	Internet access services	Q	Q	199 563	Q	.2	X
	39000	Merchandise sales	Q	Q	45 051	Q	Z	90.6
	39041	Sale of other merchandise, not specified by type	Q	Q	45 051	Q	Z	X
	39500	All other receipts	Q	Q	883 553	Q	.9	91.5
	39534	All other receipts	Q	Q	883 553	Q	.9	X
51721		Wireless telecommunications carriers (except satellite)	11 175	X	100 106 033	X	100.0	91.5
	32380	Multichannel programming distribution services (analog and digital)	Q	Q	7 325	Q	Z	X
	32420	Carrier services, including network access services to other telecommunication carriers	Q	Q	2 914 739	Q	2.9	X
	32430	Basic fixed local telephony - Residential	Q	Q	33 189	Q	Z	X
	32440	Basic fixed local telephony - Business	Q	Q	24 330	Q	Z	X
	32460	Calling features, including call waiting, caller ID, voice mail - Fixed telephony	Q	Q	3 889	Q	Z	90.8
	32461	Residential	Q	Q	3 307	Q	Z	X
	32462	Business	Q	Q	582	Q	Z	X

See footnotes at end of table.

Table 3. Product Lines by Kind of Business for the United States: 2002—Con.

[These data are preliminary and are subject to change; they will be superseded by data released in later reports. Includes only establishments of firms with payroll. For meaning of abbreviations and symbols, see introductory text. For explanation of terms, see Appendix A. Data based on the 2002 Economic Census. For information on confidentiality protection, sampling error, nonsampling error, and definitions, see note at end of table. Enterprise support establishments are included. Because of this, comparability to 1997 Economic Census data may be limited. See introductory text for an explanation of the treatment of enterprise support establishments in the 2002 Economic Census compared to the 1997 Economic Census.]

2002 NAICS code	2002 Product line code	Kind of business and product line	Establishments with the product line		Product line receipts			Response coverage ² (percent)
			Number	Total receipts (\$1,000)	Amount ¹ (\$1,000)	As percent of total receipts of—		
						Establishments with the product line	All establishments ¹	
51721		Wireless telecommunications carriers (except satellite)—Con.						
	32470	Basic fixed long distance telephony - Outbound - Residential	Q	Q	1 652	Q	Z	X
	32480	Basic fixed long distance telephony - Outbound - Business	Q	Q	6 133	Q	Z	90.9
	32481	Switched access outbound - Intrastate	Q	Q	3 046	Q	Z	X
	32482	Switched access outbound - Interstate	Q	Q	2 937	Q	Z	X
	32483	Switched access outbound - International	Q	Q	85	Q	Z	X
	32500	Basic fixed long distance telephony - Inbound	Q	Q	34 969	Q	Z	91.5
	32510	Basic fixed all distance telephony	Q	Q	3 882	Q	Z	X
	32520	Private network services	Q	Q	6 853	Q	Z	89.5
	32521	Intrastate toll service	Q	Q	4 028	Q	Z	X
	32522	Interstate toll service	Q	Q	2 071	Q	Z	X
	32530	Data transmission services	Q	Q	14 558	Q	Z	X
	32540	Mobile local access and use ³	Q	Q	63 009 973	Q	62.9	X
	32550	Calling features, including call waiting, caller ID, voice mail - Mobile telephony ³	Q	Q	2 696 488	Q	2.7	X
	32560	Mobile long distance telephony ³	Q	Q	6 259 804	Q	6.3	X
	32570	Mobile all distance telephony ³	Q	Q	10 162 666	Q	10.2	X
	32580	Messaging (paging) services ³	Q	Q	2 871 182	Q	2.9	X
	32590	Mobile dispatch services ³	Q	Q	143 945	Q	.1	X
	32600	Other telecommunication services, including telegraph, audio conferencing, telex, etc.	Q	Q	4 567 912	Q	4.6	X
	32610	Telecommunications network installation services	Q	Q	176 166	Q	.2	X
	32620	Telecommunications equipment sales	Q	Q	5 717 544	Q	5.7	X
	32630	Telecommunications equipment rental, including leasing	Q	Q	170 519	Q	.2	X
	32640	Telecommunications equipment maintenance	Q	Q	143 116	Q	.1	X
	35100	Computer network design and development services	Q	Q	2 912	Q	.1	91.5
	35102	Computer network design and development services, other than security	Q	Q	2 912	Q	Z	X
	35550	Internet access services	Q	Q	199 563	Q	.2	X
	39000	Merchandise sales	Q	Q	45 051	Q	Z	90.6
	39041	Sale of other merchandise, not specified by type	Q	Q	45 051	Q	Z	X
	39500	All other receipts	Q	Q	883 553	Q	.9	91.5
	39534	All other receipts	Q	Q	883 553	Q	.9	X
517211		Paging	1 664	X	2 961 493	X	100.0	54.1
	32380	Multichannel programming distribution services (analog and digital)	Q	Q	4 413	Q	.1	X
	32420	Carrier services, including network access services to other telecommunication carriers	Q	Q	8 707	Q	.3	X
	32430	Basic fixed local telephony - Residential	Q	Q	2 132	Q	.1	X
	32440	Basic fixed local telephony - Business	Q	Q	1 037	Q	Z	X
	32460	Calling features, including call waiting, caller ID, voice mail - Fixed telephony	Q	Q	977	Q	Z	41.7
	32461	Residential	Q	Q	701	Q	Z	X
	32470	Basic fixed long distance telephony - Outbound - Residential	Q	Q	681	Q	Z	X
	32480	Basic fixed long distance telephony - Outbound - Business	Q	Q	2 251	Q	.1	54.1
	32481	Switched access outbound - Intrastate	Q	Q	1 213	Q	Z	X
	32482	Switched access outbound - Interstate	Q	Q	1 038	Q	Z	X
	32500	Basic fixed long distance telephony - Inbound	Q	Q	30	Q	Z	54.1
	32540	Mobile local access and use ³	Q	Q	11 609	Q	.4	X
	32550	Calling features, including call waiting, caller ID, voice mail - Mobile telephony ³	Q	Q	652	Q	Z	X
	32560	Mobile long distance telephony ³	Q	Q	533	Q	Z	X
	32570	Mobile all distance telephony ³	Q	Q	1 273	Q	Z	X
	32580	Messaging (paging) services ³	Q	Q	2 591 671	Q	87.5	X
	32590	Mobile dispatch services ³	Q	Q	6 130	Q	.2	X
	32600	Other telecommunication services, including telegraph, audio conferencing, telex, etc.	Q	Q	10 424	Q	.4	X
	32610	Telecommunications network installation services	Q	Q	4 383	Q	.1	X
	32620	Telecommunications equipment sales	Q	Q	110 875	Q	3.7	X
	32630	Telecommunications equipment rental, including leasing	Q	Q	89 671	Q	3.0	X
	32640	Telecommunications equipment maintenance	Q	Q	90 708	Q	3.1	X
	35550	Internet access services	Q	Q	2 547	Q	.1	54.1
	35551	Narrowband	Q	Q	2 045	Q	.1	X
	35552	Broadband	Q	Q	502	Q	Z	X
	39000	Merchandise sales	Q	Q	12 053	Q	.4	54.1
	39041	Sale of other merchandise, not specified by type	Q	Q	12 053	Q	.4	X
	39500	All other receipts	Q	Q	8 440	Q	.3	54.1
	39534	All other receipts	Q	Q	8 440	Q	.3	X
517212		Cellular and other wireless telecommunications	9 511	X	97 144 540	X	100.0	92.7
	32420	Carrier services, including network access services to other telecommunication carriers	Q	Q	2 906 032	Q	3.0	X
	32430	Basic fixed local telephony - Residential	Q	Q	31 057	Q	Z	X
	32440	Basic fixed local telephony - Business	Q	Q	23 293	Q	Z	X
	32460	Calling features, including call waiting, caller ID, voice mail - Fixed telephony	Q	Q	2 912	Q	Z	92.4
	32461	Residential	Q	Q	2 606	Q	Z	X
	32462	Business	Q	Q	306	Q	Z	X
	32470	Basic fixed long distance telephony - Outbound - Residential	Q	Q	971	Q	Z	X
	32480	Basic fixed long distance telephony - Outbound - Business	Q	Q	3 882	Q	Z	92.1
	32481	Switched access outbound - Intrastate	Q	Q	1 833	Q	Z	X
	32482	Switched access outbound - Interstate	Q	Q	1 899	Q	Z	X
	32483	Switched access outbound - International	Q	Q	85	Q	Z	X
	32500	Basic fixed long distance telephony - Inbound	Q	Q	34 939	Q	Z	92.7

See footnotes at end of table.

Table 3. Product Lines by Kind of Business for the United States: 2002—Con.

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2002 NAICS code	2002 Product line code	Kind of business and product line	Establishments with the product line		Product line receipts			Response coverage ² (percent)
			Number	Total receipts (\$1,000)	Amount ¹ (\$1,000)	As percent of total receipts of—		
						Establishments with the product line	All establishments ¹	
517212		Cellular and other wireless telecommunications—Con.						
	32510	Basic fixed all distance telephony	Q	Q	3 882	Q	Z	X
	32520	Private network services	Q	Q	6 794	Q	Z	90.6
	32521	Intrastate toll service	Q	Q	3 999	Q	Z	X
	32530	Data transmission services	Q	Q	14 558	Q	Z	X
	32540	Mobile local access and use ³	Q	Q	62 998 364	Q	64.9	X
	32550	Calling features, including call waiting, caller ID, voice mail - Mobile telephony ³	Q	Q	2 695 836	Q	2.8	X
	32560	Mobile long distance telephony ³	Q	Q	6 259 271	Q	6.4	X
	32570	Mobile all distance telephony ³	Q	Q	10 161 393	Q	10.5	X
	32580	Messaging (paging) services ³	Q	Q	279 511	Q	.3	X
	32590	Mobile dispatch services ³	Q	Q	137 815	Q	.1	X
	32600	Other telecommunication services, including telegraph, audio conferencing, telex, etc.	Q	Q	4 557 488	Q	4.7	X
	32610	Telecommunications network installation services	Q	Q	171 783	Q	.2	X
	32620	Telecommunications equipment sales	Q	Q	5 606 669	Q	5.8	X
	32630	Telecommunications equipment rental, including leasing	Q	Q	80 848	Q	.1	X
	32640	Telecommunications equipment maintenance	Q	Q	52 408	Q	.1	X
	35100	Computer network design and development services	Q	Q	2 912	Q	Z	92.7
	35102	Computer network design and development services, other than security	Q	Q	2 912	Q	Z	X
	35550	Internet access services	Q	Q	197 016	Q	.2	X
	39000	Merchandise sales	Q	Q	32 998	Q	Z	91.6
	39041	Sale of other merchandise, not specified by type	Q	Q	32 998	Q	Z	X
	39500	All other receipts	Q	Q	875 113	Q	.9	92.7
	39534	All other receipts	Q	Q	875 113	Q	.9	X
5173		Telecommunications resellers	2 526	X	9 390 740	X	100.0	52.5
	31730	Mailing lists, rental or sale	6	254 865	2 442	1.0	Z	X
	32380	Multichannel programming distribution services (analog and digital)	17	10 330	3 381	32.7	Z	X
	32420	Carrier services, including network access services to other telecommunication carriers	402	3 951 248	497 902	12.6	5.3	X
	32430	Basic fixed local telephony - Residential	792	3 860 439	1 151 597	29.8	12.3	X
	32440	Basic fixed local telephony - Business	699	3 840 719	739 716	19.3	7.9	X
	32450	Basic fixed local telephony - Public	132	89 118	50 899	57.1	.5	X
	32460	Calling features, including call waiting, caller ID, voice mail - Fixed telephony	473	1 036 268	80 292	7.7	.9	51.3
	32461	Residential	420	929 429	26 771	2.9	.3	X
	32462	Business	331	944 040	53 521	5.7	.6	X
	32470	Basic fixed long distance telephony - Outbound - Residential	754	5 684 497	2 460 212	43.3	26.2	X
	32480	Basic fixed long distance telephony - Outbound - Business	1 040	3 435 790	1 335 188	38.9	14.2	51.7
	32481	Switched access outbound - Intrastate	882	2 999 239	446 740	14.9	4.8	X
	32482	Switched access outbound - Interstate	857	2 767 460	372 184	13.4	4.0	X
	32483	Switched access outbound - International	643	2 571 895	299 817	11.7	3.2	X
	32484	Special access outbound - Intrastate	284	941 716	28 506	3.0	.3	X
	32485	Special access outbound - Interstate	290	821 497	168 795	20.5	1.8	X
	32486	Special access outbound - International	176	563 366	19 146	3.4	.2	X
	32490	Basic fixed long distance telephony - Outbound - Public	171	291 113	193 076	66.3	2.1	X
	32500	Basic fixed long distance telephony - Inbound	677	5 097 294	429 067	8.4	4.6	52.4
	32510	Basic fixed all distance telephony	220	606 360	182 088	30.0	1.9	X
	32520	Private network services	154	1 999 570	59 538	3.0	.6	52.5
	32521	Intrastate toll service	110	1 926 246	36 005	1.9	.4	X
	32522	Interstate toll service	61	139 930	21 274	15.2	.2	X
	32523	International toll service	33	53 848	2 259	4.2	Z	X
	32530	Data transmission services	149	523 346	39 159	7.5	.4	X
	32540	Mobile local access and use ³	363	2 297 257	278 251	12.1	3.0	X
	32550	Calling features, including call waiting, caller ID, voice mail - Mobile telephony ³	182	119 544	3 944	3.3	Z	X
	32560	Mobile long distance telephony ³	116	140 861	7 888	5.6	.1	X
	32570	Mobile all distance telephony ³	149	250 827	154 855	61.7	1.6	X
	32580	Messaging (paging) services ³	396	306 044	30 144	9.9	.3	X
	32600	Other telecommunication services, including telegraph, audio conferencing, telex, etc.	303	1 902 000	951 385	50.0	10.1	X
	32610	Telecommunications network installation services	154	427 279	10 987	2.6	.1	X
	32620	Telecommunications equipment sales	589	1 047 443	136 355	13.0	1.5	X
	32630	Telecommunications equipment rental, including leasing	110	155 980	12 208	7.8	.1	X
	32640	Telecommunications equipment maintenance	116	278 154	3 287	1.2	Z	X
	32650	Sale of directory advertising space - print, not specified by type	110	22 632	188	.8	Z	X
	32710	Internet backbone services	50	109 872	9 391	8.5	.1	X
	35100	Computer network design and development services	44	69 961	9 203	13.2	.1	52.5
	35102	Computer network design and development services, other than security	44	69 961	9 203	13.2	.1	X
	35550	Internet access services	325	2 552 028	330 557	13.0	3.5	52.5
	35551	Narrowband	123	356 033	19 248	5.4	.2	X
	35552	Broadband	275	2 334 161	311 309	13.3	3.3	X
	39000	Merchandise sales	215	318 064	13 335	4.2	.1	52.5
	39041	Sale of other merchandise, not specified by type	215	318 064	13 335	4.2	.1	X
	39500	All other receipts	556	4 774 910	214 205	4.5	2.3	52.5
	39534	All other receipts	556	4 774 910	214 205	4.5	2.3	X

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2002 NAICS code	2002 Product line code	Kind of business and product line	Establishments with the product line		Product line receipts			Response coverage ² (percent)
			Number	Total receipts (\$1,000)	Amount ¹ (\$1,000)	As percent of total receipts of—		
						Establishments with the product line	All establishments ¹	
51731		Telecommunications resellers	2 526	X	9 390 740	X	100.0	52.5
	31730	Mailing lists, rental or sale	6	254 865	2 442	1.0	Z	X
	32380	Multichannel programming distribution services (analog and digital)	17	10 330	3 381	32.7	Z	X
	32420	Carrier services, including network access services to other telecommunication carriers	402	3 951 248	497 902	12.6	5.3	X
	32430	Basic fixed local telephony - Residential	792	3 860 439	1 151 597	29.8	12.3	X
	32440	Basic fixed local telephony - Business	699	3 840 719	739 716	19.3	7.9	X
	32450	Basic fixed local telephony - Public	132	89 118	50 899	57.1	.5	X
	32460	Calling features, including call waiting, caller ID, voice mail - Fixed telephony	473	1 036 268	80 292	7.7	.9	51.3
	32461	Residential	420	929 429	26 771	2.9	.3	X
	32462	Business	331	944 040	53 521	5.7	.6	X
	32470	Basic fixed long distance telephony - Outbound - Residential	754	5 684 497	2 460 212	43.3	26.2	X
	32480	Basic fixed long distance telephony - Outbound - Business	1 040	3 435 790	1 335 188	38.9	14.2	51.7
	32481	Switched access outbound - Intrastate	882	2 999 239	446 740	14.9	4.8	X
	32482	Switched access outbound - Interstate	857	2 767 460	372 184	13.4	4.0	X
	32483	Switched access outbound - International	643	2 571 895	299 817	11.7	3.2	X
	32484	Special access outbound - Intrastate	284	941 716	28 506	3.0	.3	X
	32485	Special access outbound - Interstate	290	821 497	168 795	20.5	1.8	X
	32486	Special access outbound - International	176	563 366	19 146	3.4	.2	X
	32490	Basic fixed long distance telephony - Outbound - Public	171	291 113	193 076	66.3	2.1	X
	32500	Basic fixed long distance telephony - Inbound	677	5 097 294	429 067	8.4	4.6	52.4
	32510	Basic fixed all distance telephony	220	606 360	182 088	30.0	1.9	X
	32520	Private network services	154	1 999 570	59 538	3.0	.6	52.5
	32521	Intrastate toll service	110	1 926 246	36 005	1.9	.4	X
	32522	Interstate toll service	61	139 930	21 274	15.2	.2	X
	32523	International toll service	33	53 848	2 259	4.2	Z	X
	32530	Data transmission services	149	523 346	39 159	7.5	.4	X
	32540	Mobile local access and use ³	363	2 297 257	278 251	12.1	3.0	X
	32550	Calling features, including call waiting, caller ID, voice mail - Mobile telephony ³	182	119 544	3 944	3.3	Z	X
	32560	Mobile long distance telephony ³	116	140 861	7 888	5.6	.1	X
	32570	Mobile all distance telephony ³	149	250 827	154 855	61.7	1.6	X
	32580	Messaging (paging) services ³	396	306 044	30 144	9.9	.3	X
	32600	Other telecommunication services, including telegraph, audio conferencing, telex, etc.	303	1 902 000	951 385	50.0	10.1	X
	32610	Telecommunications network installation services	154	427 279	10 987	2.6	.1	X
	32620	Telecommunications equipment sales	589	1 047 443	136 355	13.0	1.5	X
	32630	Telecommunications equipment rental, including leasing	110	155 980	12 208	7.8	.1	X
	32640	Telecommunications equipment maintenance	116	278 154	3 287	1.2	Z	X
	32650	Sale of directory advertising space - print, not specified by type	110	22 632	188	.8	Z	X
	32710	Internet backbone services	50	109 872	9 391	8.5	.1	X
	35100	Computer network design and development services	44	69 961	9 203	13.2	.1	52.5
	35102	Computer network design and development services, other than security	44	69 961	9 203	13.2	.1	X
	35550	Internet access services	325	2 552 028	330 557	13.0	3.5	52.5
	35551	Narrowband	123	356 033	19 248	5.4	.2	X
	35552	Broadband	275	2 334 161	311 309	13.3	3.3	X
	39000	Merchandise sales	215	318 064	13 335	4.2	.1	52.5
	39041	Sale of other merchandise, not specified by type	215	318 064	13 335	4.2	.1	X
	39500	All other receipts	556	4 774 910	214 205	4.5	2.3	52.5
	39534	All other receipts	556	4 774 910	214 205	4.5	2.3	X
517310		Telecommunications resellers	2 526	X	9 390 740	X	100.0	52.5
	31730	Mailing lists, rental or sale	6	254 865	2 442	1.0	Z	X
	32380	Multichannel programming distribution services (analog and digital)	17	10 330	3 381	32.7	Z	X
	32420	Carrier services, including network access services to other telecommunication carriers	402	3 951 248	497 902	12.6	5.3	X
	32430	Basic fixed local telephony - Residential	792	3 860 439	1 151 597	29.8	12.3	X
	32440	Basic fixed local telephony - Business	699	3 840 719	739 716	19.3	7.9	X
	32450	Basic fixed local telephony - Public	132	89 118	50 899	57.1	.5	X
	32460	Calling features, including call waiting, caller ID, voice mail - Fixed telephony	473	1 036 268	80 292	7.7	.9	51.3
	32461	Residential	420	929 429	26 771	2.9	.3	X
	32462	Business	331	944 040	53 521	5.7	.6	X
	32470	Basic fixed long distance telephony - Outbound - Residential	754	5 684 497	2 460 212	43.3	26.2	X
	32480	Basic fixed long distance telephony - Outbound - Business	1 040	3 435 790	1 335 188	38.9	14.2	51.7
	32481	Switched access outbound - Intrastate	882	2 999 239	446 740	14.9	4.8	X
	32482	Switched access outbound - Interstate	857	2 767 460	372 184	13.4	4.0	X
	32483	Switched access outbound - International	643	2 571 895	299 817	11.7	3.2	X
	32484	Special access outbound - Intrastate	284	941 716	28 506	3.0	.3	X
	32485	Special access outbound - Interstate	290	821 497	168 795	20.5	1.8	X
	32486	Special access outbound - International	176	563 366	19 146	3.4	.2	X
	32490	Basic fixed long distance telephony - Outbound - Public	171	291 113	193 076	66.3	2.1	X
	32500	Basic fixed long distance telephony - Inbound	677	5 097 294	429 067	8.4	4.6	52.4
	32510	Basic fixed all distance telephony	220	606 360	182 088	30.0	1.9	X
	32520	Private network services	154	1 999 570	59 538	3.0	.6	52.5
	32521	Intrastate toll service	110	1 926 246	36 005	1.9	.4	X
	32522	Interstate toll service	61	139 930	21 274	15.2	.2	X
	32523	International toll service	33	53 848	2 259	4.2	Z	X
	32530	Data transmission services	149	523 346	39 159	7.5	.4	X
	32540	Mobile local access and use ³	363	2 297 257	278 251	12.1	3.0	X
	32550	Calling features, including call waiting, caller ID, voice mail - Mobile telephony ³	182	119 544	3 944	3.3	Z	X
	32560	Mobile long distance telephony ³	116	140 861	7 888	5.6	.1	X

See footnotes at end of table.

Table 3. Product Lines by Kind of Business for the United States: 2002—Con.

[These data are preliminary and are subject to change; they will be superseded by data released in later reports. Includes only establishments of firms with payroll. For meaning of abbreviations and symbols, see introductory text. For explanation of terms, see Appendix A. Data based on the 2002 Economic Census. For information on confidentiality protection, sampling error, nonsampling error, and definitions, see note at end of table. Enterprise support establishments are included. Because of this, comparability to 1997 Economic Census data may be limited. See introductory text for an explanation of the treatment of enterprise support establishments in the 2002 Economic Census compared to the 1997 Economic Census.]

2002 NAICS code	2002 Product line code	Kind of business and product line	Establishments with the product line		Product line receipts			Response coverage ² (percent)
			Number	Total receipts (\$1,000)	Amount ¹ (\$1,000)	As percent of total receipts of—		
						Establishments with the product line	All establishments ¹	
517310		Telecommunications resellers—Con.						
	32570	Mobile all distance telephony ³	149	250 827	154 855	61.7	1.6	X
	32580	Messaging (paging) services ³	396	306 044	30 144	9.9	.3	X
	32600	Other telecommunication services, including telegraph, audio conferencing, telex, etc.	303	1 902 000	951 385	50.0	10.1	X
	32610	Telecommunications network installation services	154	427 279	10 987	2.6	.1	X
	32620	Telecommunications equipment sales	589	1 047 443	136 355	13.0	1.5	X
	32630	Telecommunications equipment rental, including leasing	110	155 980	12 208	7.8	.1	X
	32640	Telecommunications equipment maintenance	116	278 154	3 287	1.2	Z	X
	32650	Sale of directory advertising space - print, not specified by type	110	22 632	188	.8	Z	X
	32710	Internet backbone services	50	109 872	9 391	8.5	.1	X
	35100	Computer network design and development services	44	69 961	9 203	13.2	.1	52.5
	35102	Computer network design and development services, other than security	44	69 961	9 203	13.2	.1	X
	35550	Internet access services	325	2 552 028	330 557	13.0	3.5	52.5
	35551	Narrowband	123	356 033	19 248	5.4	.2	X
	35552	Broadband	275	2 334 161	311 309	13.3	3.3	X
	39000	Merchandise sales	215	318 064	13 335	4.2	.1	52.5
	39041	Sale of other merchandise, not specified by type	215	318 064	13 335	4.2	.1	X
	39500	All other receipts	556	4 774 910	214 205	4.5	2.3	52.5
	39534	All other receipts	556	4 774 910	214 205	4.5	2.3	X
5174		Satellite telecommunications	634	X	5 728 681	X	100.0	31.5
	31730	Mailing lists, rental or sale	9	10 884	1 547	14.2	Z	X
	32380	Multichannel programming distribution services (analog and digital)	18	31 393	24 461	77.9	.4	X
	32420	Carrier services, including network access services to other telecommunication carriers	435	4 618 062	3 721 045	80.6	65.0	X
	32480	Basic fixed long distance telephony - Outbound - Business	9	458	401	87.6	Z	31.5
	32481	Switched access outbound - Intrastate	9	458	50	10.9	Z	X
	32482	Switched access outbound - Interstate	9	458	275	60.0	Z	X
	32483	Switched access outbound - International	9	458	76	16.6	Z	X
	32500	Basic fixed long distance telephony - Inbound	9	6 359	2 521	39.6	Z	31.5
	32510	Basic fixed all distance telephony	9	54 537	23 717	43.5	.4	X
	32520	Private network services	109	1 887 887	561 572	29.7	9.8	X
	32530	Data transmission services	154	1 026 007	748 838	73.0	13.1	X
	32570	Mobile all distance telephony ³	9	98 075	49 037	50.0	.9	X
	32600	Other telecommunication services, including telegraph, audio conferencing, telex, etc.	36	613 141	122 248	19.9	2.1	X
	32610	Telecommunications network installation services	27	285 861	23 946	8.4	.4	X
	32620	Telecommunications equipment sales	100	586 216	90 740	15.5	1.6	X
	32630	Telecommunications equipment rental, including leasing	27	73 041	11 228	15.4	.2	X
	32710	Internet backbone services	36	937 842	159 483	17.0	2.8	X
	35100	Computer network design and development services	9	82 493	8 249	10.0	.1	31.5
	35102	Computer network design and development services, other than security	9	82 493	8 249	10.0	.1	X
	35550	Internet access services	27	205 717	54 020	26.3	.9	31.5
	35551	Narrowband	9	11 734	10	.1	Z	X
	35552	Broadband	27	205 717	54 010	26.3	.9	X
	39500	All other receipts	91	2 008 132	125 628	6.3	2.2	31.5
	39534	All other receipts	91	2 008 132	125 628	6.3	2.2	X
51741		Satellite telecommunications	634	X	5 728 681	X	100.0	31.5
	31730	Mailing lists, rental or sale	9	10 884	1 547	14.2	Z	X
	32380	Multichannel programming distribution services (analog and digital)	18	31 393	24 461	77.9	.4	X
	32420	Carrier services, including network access services to other telecommunication carriers	435	4 618 062	3 721 045	80.6	65.0	X
	32480	Basic fixed long distance telephony - Outbound - Business	9	458	401	87.6	Z	31.5
	32481	Switched access outbound - Intrastate	9	458	50	10.9	Z	X
	32482	Switched access outbound - Interstate	9	458	275	60.0	Z	X
	32483	Switched access outbound - International	9	458	76	16.6	Z	X
	32500	Basic fixed long distance telephony - Inbound	9	6 359	2 521	39.6	Z	31.5
	32510	Basic fixed all distance telephony	9	54 537	23 717	43.5	.4	X
	32520	Private network services	109	1 887 887	561 572	29.7	9.8	X
	32530	Data transmission services	154	1 026 007	748 838	73.0	13.1	X
	32570	Mobile all distance telephony ³	9	98 075	49 037	50.0	.9	X
	32600	Other telecommunication services, including telegraph, audio conferencing, telex, etc.	36	613 141	122 248	19.9	2.1	X
	32610	Telecommunications network installation services	27	285 861	23 946	8.4	.4	X
	32620	Telecommunications equipment sales	100	586 216	90 740	15.5	1.6	X
	32630	Telecommunications equipment rental, including leasing	27	73 041	11 228	15.4	.2	X
	32710	Internet backbone services	36	937 842	159 483	17.0	2.8	X
	35100	Computer network design and development services	9	82 493	8 249	10.0	.1	31.5
	35102	Computer network design and development services, other than security	9	82 493	8 249	10.0	.1	X
	35550	Internet access services	27	205 717	54 020	26.3	.9	31.5
	35551	Narrowband	9	11 734	10	.1	Z	X
	35552	Broadband	27	205 717	54 010	26.3	.9	X
	39500	All other receipts	91	2 008 132	125 628	6.3	2.2	31.5
	39534	All other receipts	91	2 008 132	125 628	6.3	2.2	X

See footnotes at end of table.

Table 3. Product Lines by Kind of Business for the United States: 2002—Con.

[These data are preliminary and are subject to change; they will be superseded by data released in later reports. Includes only establishments of firms with payroll. For meaning of abbreviations and symbols, see introductory text. For explanation of terms, see Appendix A. Data based on the 2002 Economic Census. For information on confidentiality protection, sampling error, nonsampling error, and definitions, see note at end of table. Enterprise support establishments are included. Because of this, comparability to 1997 Economic Census data may be limited. See introductory text for an explanation of the treatment of enterprise support establishments in the 2002 Economic Census compared to the 1997 Economic Census.]

2002 NAICS code	2002 Product line code	Kind of business and product line	Establishments with the product line		Product line receipts			Response coverage ² (percent)
			Number	Total receipts (\$1,000)	Amount ¹ (\$1,000)	As percent of total receipts of—		
						Establishments with the product line	All establishments ¹	
517410		Satellite telecommunications	634	X	5 728 681	X	100.0	31.5
	31730	Mailing lists, rental or sale	9		10 884	14.2	Z	X
	32380	Multichannel programming distribution services (analog and digital)	18		31 393	77.9	.4	X
	32420	Carrier services, including network access services to other telecommunication carriers	435		4 618 062	80.6	65.0	X
	32480	Basic fixed long distance telephony - Outbound - Business	9		458	87.6	Z	31.5
	32481	Switched access outbound - Intrastate	9		458	10.9	Z	X
	32482	Switched access outbound - Interstate	9		458	60.0	Z	X
	32483	Switched access outbound - International	9		458	16.6	Z	X
	32500	Basic fixed long distance telephony - Inbound	9		6 359	39.6	Z	31.5
	32510	Basic fixed all distance telephony	9		54 537	43.5	.4	X
	32520	Private network services	109		1 887 887	29.7	9.8	X
	32530	Data transmission services	154		1 026 007	748 838	73.0	13.1
	32570	Mobile all distance telephony ³	9		98 075	49 037	50.0	.9
	32600	Other telecommunication services, including telegraph, audio conferencing, telex, etc.	36		613 141	19.9	2.1	X
	32610	Telecommunications network installation services	27		285 861	8.4	.4	X
	32620	Telecommunications equipment sales	100		586 216	90 740	15.5	1.6
	32630	Telecommunications equipment rental, including leasing	27		73 041	11 228	15.4	.2
	32710	Internet backbone services	36		937 842	159 483	17.0	2.8
	35100	Computer network design and development services	9		82 493	8 249	10.0	.1
	35102	Computer network design and development services, other than security	9		82 493	8 249	10.0	.1
	35550	Internet access services	27		205 717	54 020	26.3	.9
	35551	Narrowband	9		11 734	.1	Z	X
	35552	Broadband	27		205 717	54 010	26.3	.9
	39500	All other receipts	91		2 008 132	125 628	6.3	2.2
	39534	All other receipts	91		2 008 132	125 628	6.3	2.2
5175		Cable and other program distribution	6 118	X	56 709 967	X	100.0	90.8
	32340	Television: Program rights	Q	Q	4 537	Q	Z	X
	32380	Multichannel programming distribution services (analog and digital)	Q	Q	43 547 018	Q	76.8	88.8
	32381	Basic programming package, including startup and reconnect fees ...	Q	Q	35 879 259	Q	63.3	X
	32382	Premium programming package	Q	Q	4 956 086	Q	8.7	X
	32383	Pay-per-view	Q	Q	2 711 673	Q	4.8	X
	32390	Air time - Program distribution networks: Advertising	Q	Q	3 242 109	Q	5.7	26.2
	32391	National and regional (net)	Q	Q	1 581 339	Q	2.8	X
	32392	Local (net)	Q	Q	1 660 770	Q	2.9	X
	32400	Cable and other program distribution: Related services	Q	Q	3 140 598	Q	5.5	52.3
	32401	Installation services, installing cable and/or outlets on customer's premise	Q	Q	415 505	Q	.7	X
	32402	Equipment rental	Q	Q	987 006	Q	1.7	X
	32403	Equipment sales, including decoders, satellite dishes, etc.	Q	Q	566 413	Q	1.0	X
	32404	Other related services	Q	Q	1 171 674	Q	2.1	X
	32410	Production and postproduction services - Television	Q	Q	1 134	Q	Z	X
	32420	Carrier services, including network access services to other telecommunication carriers	Q	Q	53 307	Q	.1	X
	32430	Basic fixed local telephony - Residential	Q	Q	534 775	Q	.9	X
	32440	Basic fixed local telephony - Business	Q	Q	21 550	Q	Z	X
	32460	Calling features, including call waiting, caller ID, voice mail - Fixed telephony	Q	Q	13 043	Q	Z	X
	32470	Basic fixed long distance telephony - Outbound - Residential	Q	Q	42 532	Q	.1	X
	32480	Basic fixed long distance telephony - Outbound - Business	Q	Q	19 848	Q	Z	X
	32500	Basic fixed long distance telephony - Inbound	Q	Q	567	Q	Z	X
	32520	Private network services	Q	Q	7 939	Q	Z	X
	32530	Data transmission services	Q	Q	1 701	Q	Z	X
	35550	Internet access services	Q	Q	4 544 170	Q	8.0	58.8
	35551	Narrowband	Q	Q	24 130	Q	Z	X
	35552	Broadband	Q	Q	4 520 040	Q	8.0	X
	39500	All other receipts	Q	Q	1 531 169	Q	2.7	87.7
	39533	All other receipts	Q	Q	1 531 169	Q	2.7	X
51751		Cable and other program distribution	6 118	X	56 709 967	X	100.0	90.8
	32340	Television: Program rights	Q	Q	4 537	Q	Z	X
	32380	Multichannel programming distribution services (analog and digital)	Q	Q	43 547 018	Q	76.8	88.8
	32381	Basic programming package, including startup and reconnect fees ...	Q	Q	35 879 259	Q	63.3	X
	32382	Premium programming package	Q	Q	4 956 086	Q	8.7	X
	32383	Pay-per-view	Q	Q	2 711 673	Q	4.8	X
	32390	Air time - Program distribution networks: Advertising	Q	Q	3 242 109	Q	5.7	26.2
	32391	National and regional (net)	Q	Q	1 581 339	Q	2.8	X
	32392	Local (net)	Q	Q	1 660 770	Q	2.9	X
	32400	Cable and other program distribution: Related services	Q	Q	3 140 598	Q	5.5	52.3
	32401	Installation services, installing cable and/or outlets on customer's premise	Q	Q	415 505	Q	.7	X
	32402	Equipment rental	Q	Q	987 006	Q	1.7	X
	32403	Equipment sales, including decoders, satellite dishes, etc.	Q	Q	566 413	Q	1.0	X
	32404	Other related services	Q	Q	1 171 674	Q	2.1	X
	32410	Production and postproduction services - Television	Q	Q	1 134	Q	Z	X
	32420	Carrier services, including network access services to other telecommunication carriers	Q	Q	53 307	Q	.1	X
	32430	Basic fixed local telephony - Residential	Q	Q	534 775	Q	.9	X
	32440	Basic fixed local telephony - Business	Q	Q	21 550	Q	Z	X

See footnotes at end of table.

Table 3. Product Lines by Kind of Business for the United States: 2002—Con.

[These data are preliminary and are subject to change; they will be superseded by data released in later reports. Includes only establishments of firms with payroll. For meaning of abbreviations and symbols, see introductory text. For explanation of terms, see Appendix A. Data based on the 2002 Economic Census. For information on confidentiality protection, sampling error, nonsampling error, and definitions, see note at end of table. Enterprise support establishments are included. Because of this, comparability to 1997 Economic Census data may be limited. See introductory text for an explanation of the treatment of enterprise support establishments in the 2002 Economic Census compared to the 1997 Economic Census.]

2002 NAICS code	2002 Product line code	Kind of business and product line	Establishments with the product line		Product line receipts			Response coverage ² (percent)
			Number	Total receipts (\$1,000)	Amount ¹ (\$1,000)	As percent of total receipts of—		
						Estab-lishments with the product line	All estab-lishments ¹	
51751		Cable and other program distribution—Con.						
	32460	Calling features, including call waiting, caller ID, voice mail - Fixed telephony	Q	Q	13 043	Q	Z	X
	32470	Basic fixed long distance telephony - Outbound - Residential	Q	Q	42 532	Q	.1	X
	32480	Basic fixed long distance telephony - Outbound - Business	Q	Q	19 848	Q	Z	X
	32500	Basic fixed long distance telephony - Inbound	Q	Q	567	Q	Z	X
	32520	Private network services	Q	Q	7 939	Q	Z	X
	32530	Data transmission services	Q	Q	1 701	Q	Z	X
	35550	Internet access services	Q	Q	4 544 170	Q	8.0	58.8
	35551	Narrowband	Q	Q	24 130	Q	Z	X
	35552	Broadband	Q	Q	4 520 040	Q	8.0	X
	39500	All other receipts	Q	Q	1 531 169	Q	2.7	87.7
	39533	All other receipts	Q	Q	1 531 169	Q	2.7	X
517510		Cable and other program distribution	6 118	X	56 709 967	X	100.0	90.8
	32340	Television: Program rights	Q	Q	4 537	Q	Z	X
	32380	Multichannel programming distribution services (analog and digital)	Q	Q	43 547 018	Q	76.8	88.8
	32381	Basic programming package, including startup and reconnect fees	Q	Q	35 879 259	Q	63.3	X
	32382	Premium programming package	Q	Q	4 956 086	Q	8.7	X
	32383	Pay-per-view	Q	Q	2 711 673	Q	4.8	X
	32390	Air time - Program distribution networks: Advertising	Q	Q	3 242 109	Q	5.7	26.2
	32391	National and regional (net)	Q	Q	1 581 339	Q	2.8	X
	32392	Local (net)	Q	Q	1 660 770	Q	2.9	X
	32400	Cable and other program distribution: Related services	Q	Q	3 140 598	Q	5.5	52.3
	32401	Installation services, installing cable and/or outlets on customer's premise	Q	Q	415 505	Q	.7	X
	32402	Equipment rental	Q	Q	987 006	Q	1.7	X
	32403	Equipment sales, including decoders, satellite dishes, etc.	Q	Q	566 413	Q	1.0	X
	32404	Other related services	Q	Q	1 171 674	Q	2.1	X
	32410	Production and postproduction services - Television	Q	Q	1 134	Q	Z	X
	32420	Carrier services, including network access services to other telecommunication carriers	Q	Q	53 307	Q	.1	X
	32430	Basic fixed local telephony - Residential	Q	Q	534 775	Q	.9	X
	32440	Basic fixed local telephony - Business	Q	Q	21 550	Q	Z	X
	32460	Calling features, including call waiting, caller ID, voice mail - Fixed telephony	Q	Q	13 043	Q	Z	X
	32470	Basic fixed long distance telephony - Outbound - Residential	Q	Q	42 532	Q	.1	X
	32480	Basic fixed long distance telephony - Outbound - Business	Q	Q	19 848	Q	Z	X
	32500	Basic fixed long distance telephony - Inbound	Q	Q	567	Q	Z	X
	32520	Private network services	Q	Q	7 939	Q	Z	X
	32530	Data transmission services	Q	Q	1 701	Q	Z	X
	35550	Internet access services	Q	Q	4 544 170	Q	8.0	58.8
	35551	Narrowband	Q	Q	24 130	Q	Z	X
	35552	Broadband	Q	Q	4 520 040	Q	8.0	X
	39500	All other receipts	Q	Q	1 531 169	Q	2.7	87.7
	39533	All other receipts	Q	Q	1 531 169	Q	2.7	X
5179		Other telecommunications	711	X	1 609 528	X	100.0	20.8
51791		Other telecommunications	711	X	1 609 528	X	100.0	20.8
517910		Other telecommunications	711	X	1 609 528	X	100.0	20.8

¹Product line receipts and/or product line percents may not sum to total due to exclusion of selected lines to avoid disclosing data for individual companies, due to rounding, and/or due to exclusion of lines that did not meet publication criteria.

²Receipts of establishments reporting product lines as percent of total receipts.

³Mobile telephony (local and long distance), including cellular, PCS, ESMR technology, and satellite services

Note: The data in this table are based on the 2002 Economic Census. To maintain confidentiality, the Census Bureau suppresses data to protect the identity of any business or individual. The census results in this table contain nonsampling error. Data users who create their own estimates using data from this table should cite the Census Bureau as the source of the original data only. See also explanation of terms and geographic definitions. For the full technical documentation, see Appendix C.

Table 4. Concentration by Largest Firms for the United States: 2002

[These data are preliminary and are subject to change; they will be superseded by data released in later reports. Includes only firms and establishments of firms with payroll. Excludes data for corporate, subsidiary, and regional managing offices and establishments of these firms that are classified in other categories than those specified in this table. For meaning of abbreviations and symbols, see introductory text. For explanation of terms, see Appendix A. For method of assignment to categories shown, see Appendix C. Data based on the 2002 Economic Census. For information on confidentiality protection, sampling error, nonsampling error, and definitions, see note at end of table. Enterprise support establishments are included. Because of this, comparability to 1997 Economic Census data may be limited. See introductory text for an explanation of the treatment of enterprise support establishments in the 2002 Economic Census compared to the 1997 Economic Census]

2002 NAICS code	Kind of business and largest firms based on receipts	Establishments (number)	Receipts		Annual payroll (\$1,000)	First-quarter payroll (\$1,000)	Paid employees for pay period including March 12 (number)
			Amount (\$1,000)	As percent of total			
517	Telecommunications						
	All firms	49 055	411 807 701	100.0	71 486 038	19 212 264	1 427 997
	4 largest firms	20 049	187 006 904	45.4	37 134 247	10 086 275	682 049
	8 largest firms	27 232	260 421 288	63.2	47 943 442	12 955 586	901 326
	20 largest firms	31 491	324 448 819	78.8	55 803 320	14 988 307	1 089 593
	50 largest firms	34 665	355 663 367	86.4	60 927 937	16 431 917	1 195 284
5171	Wired telecommunications carriers						
	All firms	27 891	238 262 752	100.0	46 949 234	12 772 082	835 372
	4 largest firms	14 880	141 854 118	59.5	29 382 848	7 753 276	490 924
	8 largest firms	21 185	193 197 363	81.1	37 915 348	10 262 273	659 419
	20 largest firms	22 926	209 899 577	88.1	41 190 593	11 184 076	723 257
	50 largest firms	23 767	220 693 933	92.6	43 096 958	11 751 120	756 730
51711	Wired telecommunications carriers						
	All firms	27 891	238 262 752	100.0	46 949 234	12 772 082	835 372
	4 largest firms	14 880	141 854 118	59.5	29 382 848	7 753 276	490 924
	8 largest firms	21 185	193 197 363	81.1	37 915 348	10 262 273	659 419
	20 largest firms	22 926	209 899 577	88.1	41 190 593	11 184 076	723 257
	50 largest firms	23 767	220 693 933	92.6	43 096 958	11 751 120	756 730
517110	Wired telecommunications carriers						
	All firms	27 891	238 262 752	100.0	46 949 234	12 772 082	835 372
	4 largest firms	14 880	141 854 118	59.5	29 382 848	7 753 276	490 924
	8 largest firms	21 185	193 197 363	81.1	37 915 348	10 262 273	659 419
	20 largest firms	22 926	209 899 577	88.1	41 190 593	11 184 076	723 257
	50 largest firms	23 767	220 693 933	92.6	43 096 958	11 751 120	756 730
5172	Wireless telecommunications carriers (except satellite)						
	All firms	11 175	100 106 033	100.0	13 348 034	3 585 203	286 128
	4 largest firms	4 577	61 172 578	61.1	8 025 828	2 267 636	165 974
	8 largest firms	5 860	81 042 998	81.0	10 459 057	2 843 637	213 005
	20 largest firms	7 042	89 283 891	89.2	11 505 288	3 106 257	237 665
	50 largest firms	7 447	94 401 067	94.3	12 252 889	3 300 745	257 858
51721	Wireless telecommunications carriers (except satellite)						
	All firms	11 175	100 106 033	100.0	13 348 034	3 585 203	286 128
	4 largest firms	4 577	61 172 578	61.1	8 025 828	2 267 636	165 974
	8 largest firms	5 860	81 042 998	81.0	10 459 057	2 843 637	213 005
	20 largest firms	7 042	89 283 891	89.2	11 505 288	3 106 257	237 665
	50 largest firms	7 447	94 401 067	94.3	12 252 889	3 300 745	257 858
517211	Paging						
	All firms	1 664	2 961 493	100.0	786 648	203 686	23 625
	4 largest firms	278	1 554 401	52.5	353 152	93 356	9 512
	8 largest firms	300	1 892 176	63.9	490 329	125 189	14 063
	20 largest firms	439	2 180 811	73.6	581 833	149 431	16 324
	50 largest firms	531	2 411 272	81.4	633 565	162 914	17 932
517212	Cellular and other wireless telecommunications						
	All firms	9 511	97 144 540	100.0	12 561 386	3 381 517	262 503
	4 largest firms	4 577	61 172 578	63.0	8 025 828	2 267 636	165 974
	8 largest firms	5 857	81 015 182	83.4	10 450 382	2 841 285	212 848
	20 largest firms	6 808	88 810 268	91.4	11 320 084	3 058 489	232 415
	50 largest firms	7 128	92 902 628	95.6	11 831 578	3 194 523	244 363
5173	Telecommunications resellers						
	All firms	2 526	9 390 740	100.0	1 375 305	373 642	34 003
	4 largest firms	60	2 240 294	23.9	194 234	58 239	3 554
	8 largest firms	66	2 783 769	29.6	269 592	77 584	5 593
	20 largest firms	97	3 817 370	40.7	466 654	129 702	9 670
	50 largest firms	251	5 083 086	54.1	631 749	177 366	14 106
51731	Telecommunications resellers						
	All firms	2 526	9 390 740	100.0	1 375 305	373 642	34 003
	4 largest firms	60	2 240 294	23.9	194 234	58 239	3 554
	8 largest firms	66	2 783 769	29.6	269 592	77 584	5 593
	20 largest firms	97	3 817 370	40.7	466 654	129 702	9 670
	50 largest firms	251	5 083 086	54.1	631 749	177 366	14 106
517310	Telecommunications resellers						
	All firms	2 526	9 390 740	100.0	1 375 305	373 642	34 003
	4 largest firms	60	2 240 294	23.9	194 234	58 239	3 554
	8 largest firms	66	2 783 769	29.6	269 592	77 584	5 593
	20 largest firms	97	3 817 370	40.7	466 654	129 702	9 670
	50 largest firms	251	5 083 086	54.1	631 749	177 366	14 106
5174	Satellite telecommunications						
	All firms	634	5 728 681	100.0	864 619	234 852	13 849
	4 largest firms	21	1 671 232	29.2	157 063	43 202	1 777
	8 largest firms	70	2 601 116	45.4	339 539	84 606	4 333
	20 largest firms	133	3 955 871	69.1	529 846	142 668	7 937
	50 largest firms	193	5 010 575	87.5	706 528	192 123	10 516

See footnotes at end of table.

Table 4. Concentration by Largest Firms for the United States: 2002—Con.

[These data are preliminary and are subject to change; they will be superseded by data released in later reports. Includes only firms and establishments of firms with payroll. Excludes data for corporate, subsidiary, and regional managing offices and establishments of these firms that are classified in other categories than those specified in this table. For meaning of abbreviations and symbols, see introductory text. For explanation of terms, see Appendix A. For method of assignment to categories shown, see Appendix C. Data based on the 2002 Economic Census. For information on confidentiality protection, sampling error, nonsampling error, and definitions, see note at end of table. Enterprise support establishments are included. Because of this, comparability to 1997 Economic Census data may be limited. See introductory text for an explanation of the treatment of enterprise support establishments in the 2002 Economic Census compared to the 1997 Economic Census]

2002 NAICS code	Kind of business and largest firms based on receipts	Establishments (number)	Receipts		Annual payroll (\$1,000)	First-quarter payroll (\$1,000)	Paid employees for pay period including March 12 (number)
			Amount (\$1,000)	As percent of total			
51741	Satellite telecommunications						
	All firms	634	5 728 681	100.0	864 619	234 852	13 849
	4 largest firms	21	1 671 232	29.2	157 063	43 202	1 777
	8 largest firms	70	2 601 116	45.4	339 539	84 606	4 333
	20 largest firms	133	3 955 871	69.1	529 846	142 668	7 937
	50 largest firms	193	5 010 575	87.5	706 528	192 123	10 516
517410	Satellite telecommunications						
	All firms	634	5 728 681	100.0	864 619	234 852	13 849
	4 largest firms	21	1 671 232	29.2	157 063	43 202	1 777
	8 largest firms	70	2 601 116	45.4	339 539	84 606	4 333
	20 largest firms	133	3 955 871	69.1	529 846	142 668	7 937
	50 largest firms	193	5 010 575	87.5	706 528	192 123	10 516
5175	Cable and other program distribution						
	All firms	6 118	56 709 967	100.0	8 328 039	2 082 968	247 112
	4 largest firms	2 510	27 686 309	48.8	4 402 870	1 123 394	134 364
	8 largest firms	3 712	44 557 375	78.6	6 392 450	1 592 307	195 857
	20 largest firms	4 284	51 555 570	90.9	7 478 406	1 866 539	221 668
	50 largest firms	4 540	54 377 322	95.9	7 861 012	1 964 532	232 452
51751	Cable and other program distribution						
	All firms	6 118	56 709 967	100.0	8 328 039	2 082 968	247 112
	4 largest firms	2 510	27 686 309	48.8	4 402 870	1 123 394	134 364
	8 largest firms	3 712	44 557 375	78.6	6 392 450	1 592 307	195 857
	20 largest firms	4 284	51 555 570	90.9	7 478 406	1 866 539	221 668
	50 largest firms	4 540	54 377 322	95.9	7 861 012	1 964 532	232 452
517510	Cable and other program distribution						
	All firms	6 118	56 709 967	100.0	8 328 039	2 082 968	247 112
	4 largest firms	2 510	27 686 309	48.8	4 402 870	1 123 394	134 364
	8 largest firms	3 712	44 557 375	78.6	6 392 450	1 592 307	195 857
	20 largest firms	4 284	51 555 570	90.9	7 478 406	1 866 539	221 668
	50 largest firms	4 540	54 377 322	95.9	7 861 012	1 964 532	232 452
5179	Other telecommunications						
	All firms	711	1 609 528	100.0	620 807	163 517	11 533
	4 largest firms	72	504 414	31.3	169 975	46 482	3 335
	8 largest firms	94	756 570	47.0	278 326	73 194	4 956
	20 largest firms	126	1 098 545	68.3	438 599	115 287	7 159
	50 largest firms	281	1 356 401	84.3	537 303	141 718	8 747
51791	Other telecommunications						
	All firms	711	1 609 528	100.0	620 807	163 517	11 533
	4 largest firms	72	504 414	31.3	169 975	46 482	3 335
	8 largest firms	94	756 570	47.0	278 326	73 194	4 956
	20 largest firms	126	1 098 545	68.3	438 599	115 287	7 159
	50 largest firms	281	1 356 401	84.3	537 303	141 718	8 747
517910	Other telecommunications						
	All firms	711	1 609 528	100.0	620 807	163 517	11 533
	4 largest firms	72	504 414	31.3	169 975	46 482	3 335
	8 largest firms	94	756 570	47.0	278 326	73 194	4 956
	20 largest firms	126	1 098 545	68.3	438 599	115 287	7 159
	50 largest firms	281	1 356 401	84.3	537 303	141 718	8 747

Note: The data in this table are based on the 2002 Economic Census. To maintain confidentiality, the Census Bureau suppresses data to protect the identity of any business or individual. The census results in this table contain nonsampling error. Data users who create their own estimates using data from this table should cite the Census Bureau as the source of the original data only. See also explanation of terms and geographic definitions. For the full technical documentation, see Appendix C.