

**No. 234.**—MILEAGE OF LINES AND WIRES, NUMBER OF OFFICES, AND TRAFFIC OF THE WESTERN UNION TELEGRAPH COMPANY FOR EACH YEAR ENDING JUNE 30, FROM 1866 TO 1891, INCLUSIVE.

[From A. R. Spofford's American Almanac.]

Year.	Miles of line.	Miles of wire.	Number of offices.	Number of messages sent.	Receipts.	Expenses.	Profits.	Average tolls per message.	Average cost per message.	Average profit per message.
					Dollars.	Dollars.	Dollars.			
1866....	37,380	75,686	2,250							
1867....	46,270	85,291	2,565	5,879,282	6,568,925	3,944,006	2,624,920			
1868....	50,183	97,594	3,219	6,404,595	7,004,560	4,362,849	2,641,711	104.7	63.4	41.3
1869....	52,099	104,584	3,607	7,934,933	7,316,918	4,568,117	2,748,801	89.3	54.7	34.6
1870....	54,109	112,191	3,972	9,157,616	7,138,738	4,910,772	2,227,966	75.5	51.2	24.3
1871....	56,032	121,151	4,606	10,646,077	7,637,449	5,104,787	2,532,662	69.5	45.7	23.8
1872....	62,033	137,190	5,237	12,444,499	8,457,096	5,666,863	2,790,233	66.2	43.8	22.4
1873....	65,757	154,472	5,740	14,456,832	9,333,019	6,575,056	2,757,963	62.5	43.4	19.1
1874....	71,585	175,735	6,188	16,329,256	9,262,654	6,755,734	2,506,920	54.9	39.5	15.4
1875....	72,833	179,496	6,565	17,153,710	9,564,575	6,335,415	3,229,158	54.0	35.2	18.8
1876....	73,532	183,832	7,072	18,729,567	10,034,984	6,635,474	3,399,510	50.9	33.5	17.4
1877....	76,955	194,323	7,500	21,158,941	9,812,353	6,672,225	3,140,128	43.6	29.8	13.8
1878....	81,002	206,202	8,014	23,918,894	9,861,355	6,309,813	3,551,543	38.9	25.0	13.0
1879....	82,987	211,566	8,534	25,070,106	10,960,640	6,160,200	4,800,440	38.6	25.2	19.1
1880....	85,645	233,534	9,077	29,215,509	12,782,895	6,948,957	5,833,938	38.5	25.4	19.1
1881....	110,340	327,171	10,737	32,500,000	14,393,544	8,485,264	5,908,280	38.4	25.6	18.1
1882....	131,060	374,368	12,068	38,842,247	17,114,166	9,996,096	7,118,070	38.2	25.8	18.3
1883....	144,294	432,726	12,917	41,181,177	19,454,903	11,794,553	7,660,350	38.0	26.0	13.9
1884....	145,037	450,571	13,761	42,076,226	19,632,940	13,022,504	6,610,436	36.5	25.2	11.3
1885....	147,500	462,283	14,184	42,096,583	17,706,834	12,005,910	5,700,924	32.1	24.9	7.2
1886....	151,832	489,607	15,142	43,289,807	16,298,639	12,378,783	3,919,855	31.3	23.4	9.1
1887....	156,814	524,641	15,658	47,394,530	17,191,910	13,154,629	4,037,281	30.4	23.0	8.5
1888....	171,375	616,248	17,241	51,463,955	19,711,164	14,640,592	5,070,572	31.2	23.2	8.0
1889....	178,754	647,697	18,470	54,108,326	20,783,194	14,565,153	6,218,041	31.2	22.4	8.8
1890....	183,917	678,997	19,382	55,878,762	22,387,029	15,074,304	7,312,725	32.4	22.7	8.7
1891....	187,981	715,591	20,098	59,148,343	23,034,327	16,428,742	6,605,585	32.5	23.2	9.3

The greatly increased mileage since 1880 is principally due to the fact that in 1881 the Western Union Telegraph Company absorbed by purchase all the lines of the American Union and the Atlantic and Pacific Telegraph Companies, the former having previously in operation over 12,000 miles of line and the latter 8,706 miles. Capital stock of the Western Union, \$86,200,000.

The Western Union has exclusive contracts with several international cable companies, operating eight Atlantic cables, and guarantees 5 per cent annual dividends on the stock of the American Cable Company; amount, \$14,000,000.

Besides the above, there are many new lines of telegraph which have complied with the United States telegraph act of 1866, and are operating wires with or without connection with railway companies.

The New York Mutual Telegraph Company, established in 1881, has about 8,000 miles of line, 60,000 miles of wire, 1,200 offices, and has extended its lines north and south, operating from Boston to Chicago, St. Louis, Washington, etc. Capital stock, \$2,500,000. This line is now leased and operated by the Western Union Telegraph Company, at a rental of 6 per cent per annum on the stock.

The Baltimore and Ohio Railroad Telegraph, having lines coextensive with its railway system and branches, besides many newly extended wires south and west, constituting 6,711 miles of line and 54,087 miles of wire, was purchased in 1887 for

Source: Statistical Abstract of the United States: 1891 Edition.

## Information and Communications

This section presents statistics on the various information and communications media: publishing, including newspapers, periodicals, books, and software; motion pictures, sound recordings, broadcasting, and telecommunications; and information services, such as libraries. Statistics on computer use and Internet access are also included. Data on the usage, finances, and operations of the Postal Service previously shown in this section are now presented in Section 23, Transportation.

**Information industry**—The U.S. Census Bureau's *Service Annual Survey, Information Services Sector*, provides estimates of operating revenue of taxable firms and revenues and expenses of firms exempt from federal taxes for industries in the information sector of the economy. Similar estimates were previously issued in the *Annual Survey of Communications Services*. Data beginning 1998 are based on the North American Industry Classification System (NAICS), 1997 and the information sector is a newly created economic sector. It comprises establishments engaged in the following processes: (a) producing and distributing information and cultural products, (b) providing the means to transmit or distribute these products as well as data or communications, and (c) processing data. It includes establishments previously classified in the Standard Industrial Classification (SIC) in manufacturing (publishing); transportation, communications, and utilities (telecommunications and broadcasting); and services (software publishing, motion picture production, data processing, online information services, and libraries).

This new sector is comprised of industries which existed previously, were revised from previous industry definitions, or are completely new industries. Among those which existed previously are newspaper publishers, motion picture and video production, and online information services.

Revised industries include book publishers and libraries and archives. Newly created industries include database and directory publishers, record production, music publishers, sound recording studios, cable networks, wired telecommunications carriers, paging, and satellite telecommunications. The following URL contains detailed information about NAICS and provides a comparison of the SIC and NAICS <<http://www.census.gov/epcd/www/naics.html>>. See also the text in Section 15, Business Enterprise.

Beginning 2001, the Service Annual Survey estimates reflect the introduction of the provisional North American Product Classification System (NAPCS) for the information sector. Data for prior years are not comparable. See <<http://www.census.gov/eos/www/napcs/napcs.htm>>.

The 1997 Economic Census was the first economic census to cover the new information sector of the economy. The census, conducted every 5 years, for the years ending "2" and "7," provides information on the number of establishments, receipts, payroll, and paid employees for the United States and various geographic levels. The most recent reports are from the 2002 Economic Census. This census was conducted in accordance with the 2002 NAICS.

The Federal Communications Commission (FCC), established in 1934, regulates wire and radio communications. Only the largest carriers and holding companies file annual financial reports which are publicly available. The FCC has jurisdiction over interstate and foreign communication services but not over intrastate or local services. The gross operating revenues of the telephone carriers reporting publicly available data annually to the FCC, however, are estimated to cover about 90 percent of the revenues of all U.S. telephone companies. Data are not comparable with Census Bureau *Annual*

*Survey* because of coverage and different accounting practices for those telephone companies which report to the FCC.

Reports filed by the broadcasting industry cover all radio and television stations operating in the United States. The private radio services represent the largest and most diverse group of licensees regulated by the FCC. These services provide voice, data communications, point-to-point, and point-to-multipoint radio communications for fixed and mobile communicators. Major users of these services are small businesses, the aviation industry, the maritime trades, the land transportation industry, the manufacturing industry, state and local public safety and governmental authorities, emergency medical service providers, amateur radio operators, and personal radio operations (CB and the General Mobile Radio Service). The FCC also licenses entities as private and common carriers. Private and common carriers provide fixed and land mobile communications service on a for-profit basis. Principal sources of wire, radio, and television data are the FCC's *Annual Report* and its annual *Statistics of Communications Common Carriers*.

Statistics on publishing are available from the Census Bureau, as well as from various private agencies. Editor & Publisher Co., New York, NY, presents annual data on the number and circulation of daily and Sunday newspapers in its *International Year Book*. Data on book production and prices are available from Information Today, Medford, NJ. The Book Industry Study Group, New York, NY, collects data on books sold and domestic consumer expenditures. Book purchasing data are from Ipsos, NPD, Inc., Rosemont, IL. Data on academic and public libraries are collected by the U.S. National Center for Education Statistics. Public library data are also gathered by Information Today, Medford, NJ, and the National Commission on Libraries and Information Science, Washington, DC.

**Advertising**—Data on advertising previously shown in this section are now presented in Section 27, Accommodation, Food Services, and Other Services.

**Statistical reliability**—For a discussion of statistical collection and estimation, sampling procedures, and measures of statistical reliability applicable to Census Bureau data, see Appendix III.

**Table 1110. Information—Establishments, Receipts, Payroll, and Employees by Kind of Business (NAICS Basis): 2002**

[Preliminary. For establishments with payroll. (45,660 represents \$45,660,000,000). Based on the 2002 Economic Censuses; see Appendix III]

Kind of business	2002 NAICS code <sup>1</sup>	Number of establishments	Receipts (mil. dol.)	Annual payroll (mil. dol.)	Paid employees (1,000)
Newspaper publishers . . . . .	51111	8,574	45,660	13,570	398.8
Periodical publishers . . . . .	51112	7,146	39,279	8,131	148.8
Book publishers . . . . .	51113	3,570	27,163	4,880	95.2
Directory & mailing list publishers . . . . .	51114	1,839	16,564	2,465	53.7
Other publishers . . . . .	51119	994	7,487	1,074	26.5
Software publishers . . . . .	51121	9,899	103,737	34,593	353.3
Motion picture & video industries <sup>2</sup> . . . . .	5121	19,101	62,013	10,236	275.4
Motion picture & video production . . . . .	51211	11,106	45,019	7,137	110.2
Motion picture & video exhibition . . . . .	51213	5,268	11,211	1,307	133.1
Postproduction & other motion picture & video industries . . . . .	51219	2,207	4,395	1,531	27.3
Sound recording industries . . . . .	5122	3,468	15,530	2,280	32.9
Sound recording studios . . . . .	51224	1,498	695	241	6.2
Broadcasting (except Internet) . . . . .	515	9,570	75,326	14,838	295.1
Radio & television broadcasting . . . . .	5151	8,856	49,298	11,903	254.5
Radio broadcasting . . . . .	51511	6,897	15,793	4,825	128.9
Cable & other subscription programming . . . . .	5152	714	26,028	2,935	40.6
Internet publishing & broadcasting . . . . .	516	2,060	6,427	2,301	39.5
Telecommunications <sup>2</sup> . . . . .	517	49,055	411,808	71,486	1,428.0
Wired telecommunications carriers . . . . .	5171	27,891	238,263	46,949	835.4
Wireless telecommunications carriers (except satellite) . . . . .	5172	11,175	100,106	13,348	286.1
Cable & other program distribution . . . . .	5175	6,118	56,710	8,328	247.1
Internet service providers, Web search portals, & data processing . . . . .	518	18,642	79,212	26,048	521.0
Internet service providers & Web search portals . . . . .	5181	4,863	23,327	4,540	83.3
Data processing, hosting, & related services . . . . .	5182	13,779	55,885	21,508	437.7
Other information services . . . . .	519	3,476	4,826	1,639	54.3
Libraries & archives . . . . .	51912	2,714	1,674	730	34.5

<sup>1</sup> North American Industry Classification System, 2002; see text, this section and Section 15. <sup>2</sup> Includes other industries, not shown separately.

Source: U.S. Census Bureau, "2002 Economic Census Industry Series Reports, Information." See Internet site: <<http://www.census.gov/econ/census02/guide/INDRPT51.HTM>> (accessed 16 May 2005).

**Table 1111. Information Sector Services—Estimated Revenue: 2000 to 2003**

[In millions of dollars (\$45,687 represents \$845,687,000,000. For taxable and tax-exempt employer firms. Except as indicated, estimates adjusted to the results of the 1997 Economic Census. Based on the Service Annual Survey; see Appendix III)]

Industry	1997 NAICS code <sup>1</sup>	2000	2001	2002	2003
<b>Information industries . . . . .</b>	<b>51</b>	<b>845,687</b>	<b>868,917</b>	<b>875,323</b>	<b>889,276</b>
Publishing industries . . . . .	511	232,069	231,714	230,916	232,427
Newspaper, periodical, book, database, and other publishers <sup>2,3</sup> . . . . .	5111	144,483	141,123	142,070	142,538
Newspaper publishers . . . . .	51111	51,507	47,153	47,524	48,591
Periodical publishers . . . . .	51112	39,834	39,266	38,844	38,651
Book publishers . . . . .	51113	25,236	26,096	27,203	26,326
Database and directory publishers . . . . .	51114	15,855	16,512	16,564	16,728
Software publishers . . . . .	5112	87,585	90,591	88,846	89,889
Motion picture and sound recording industries . . . . .	512	67,745	69,152	74,020	77,901
Motion picture and video <sup>3</sup> . . . . .	5121	54,040	55,937	60,486	64,096
Motion picture and video production and distribution . . . . .	51211,12	39,076	40,503	44,728	47,824
Motion picture and video exhibition . . . . .	51213	9,900	10,371	11,074	11,698
Sound recording <sup>2</sup> . . . . .	5122	13,705	13,215	13,535	13,804
Integrated record production/distribution . . . . .	51222	10,839	10,199	10,393	10,400
Broadcasting and telecommunications . . . . .	513	469,349	485,410	482,496	490,390
Radio and television broadcasting . . . . .	5131	52,668	47,840	51,822	51,904
Radio broadcasting . . . . .	51311	14,811	13,740	14,774	14,967
Radio stations . . . . .	513112	13,188	12,201	12,977	13,037
Television broadcasting . . . . .	51312	37,858	34,100	37,048	36,937
Cable networks and program distribution <sup>2</sup> . . . . .	5132	67,930	74,420	80,536	90,456
Cable networks . . . . .	51321	20,878	21,871	24,041	26,969
Cable and other program distribution . . . . .	51322	47,052	52,549	56,495	63,488
Telecommunications <sup>3</sup> . . . . .	5133	348,751	363,151	350,137	348,030
Wired telecommunications carriers . . . . .	51331	265,704	260,122	237,376	222,563
Wireless telecommunications carriers (except satellite) <sup>2</sup> . . . . .	51332	64,309	83,249	95,018	107,059
Cellular and other wireless telecommunications . . . . .	513322	57,547	78,239	91,521	104,228
Telecommunications resellers . . . . .	51333	8,833	8,634	8,587	9,120
Satellite telecommunications . . . . .	51334	8,278	9,512	7,922	8,213
Information services and data processing services . . . . .	514	76,524	82,641	87,891	88,558
Information services . . . . .	5141	34,575	35,422	34,971	35,457
Online information services . . . . .	514191	26,577	28,623	27,832	27,160
Data processing services . . . . .	5142	41,950	47,219	52,920	53,101

<sup>1</sup> North American Industry Classification System, 1997; see text this section and Section 15. <sup>2</sup> Estimates not adjusted to the 1997 Economic Census. <sup>3</sup> Includes other industries, not shown separately.

Source: U.S. Census Bureau, "Service Annual Survey: 2003", SAS/03. See <<http://www.census.gov/econ/www/servmenu.html>> (released December 2004).



**Table 1112. Information Industries—Establishments, Employees and Payroll: 2000 and 2002**

[For establishments with payroll (3,545.7 represents 3,545,700). Excludes most government employees, railroad employees, and self-employed persons. See Appendix III]

Industry	1997 NAICS code <sup>1</sup>	Establishments (number)		Paid employees <sup>2</sup> (1,000)		Annual payroll (mil. dol.)	
		2000	2002	2000	2002	2000	2002
<b>Information industries . . . . .</b>	<b>51</b>	<b>133,590</b>	<b>138,590</b>	<b>3,545.7</b>	<b>3,536.1</b>	<b>209,394</b>	<b>188,077</b>
Publishing industries . . . . .	511	32,545	32,577	1,080.7	1,020.0	75,348	60,592
Newspaper, periodical, book, & database publishers . . . . .	5111	21,946	22,488	749.2	707.9	31,258	30,661
Newspaper publishers . . . . .	51111	8,586	8,728	412.6	388.0	14,216	14,400
Periodical publishers . . . . .	51112	2,652	6,912	135.6	127.2	7,676	7,191
Book publishers . . . . .	51113	2,661	2,713	87.2	90.0	4,310	4,863
Database & directory publishers . . . . .	51114	1,370	1,566	46.2	46.9	2,418	2,276
Other publishers . . . . .	51119	3,077	2,569	67.5	55.8	2,637	2,291
Greeting card publishers . . . . .	511191	112	106	17.8	16.1	631	642
All other publishers . . . . .	511199	2,965	2,463	49.7	39.7	2,006	1,649
Software publishers . . . . .	5112	10,599	10,089	331.5	312.1	44,090	29,930
Motion picture & sound recording industries . . . . .	512	22,899	23,021	304.2	278.4	11,736	11,700
Motion picture & video industries . . . . .	5121	19,730	19,652	276.6	253.4	9,806	9,986
Motion picture & video production . . . . .	51211	10,018	10,943	84.5	85.7	5,723	6,663
Motion picture & video distribution . . . . .	51212	678	541	13.9	5.3	1,119	312
Motion picture & video exhibition . . . . .	51213	5,884	5,198	144.0	134.1	1,130	1,341
Motion picture theaters (except drive-ins) . . . . .	512131	5,593	4,895	142.3	132.4	1,107	1,315
Drive-in motion picture theaters . . . . .	512132	291	303	1.7	1.7	23	26
Post production & other motion picture & video industries . . . . .	51219	3,150	2,970	34.2	28.4	1,834	1,671
Teleproduction & other postproduction services . . . . .	512191	2,816	2,594	29.7	23.8	1,591	1,414
Other motion picture & video industries . . . . .	512199	334	376	4.5	4.6	243	257
Sound recording industries . . . . .	5122	3,169	3,369	27.6	25.0	1,930	1,714
Record production . . . . .	51221	276	370	1.1	1.9	55	115
Integrated record production/ distribution . . . . .	51222	310	303	9.0	8.7	1,100	955
Music publishers . . . . .	51223	670	706	5.1	4.5	283	289
Sound recording studios . . . . .	51224	1,516	1,517	8.1	6.4	327	234
Other sound recording industries . . . . .	51229	397	473	4.3	3.5	166	122
Broadcasting & telecommunications . . . . .	513	54,971	58,712	1,631.8	1,698.4	88,766	87,613
Radio & television broadcasting . . . . .	5131	8,492	9,038	253.6	254.3	12,292	12,215
Radio broadcasting . . . . .	51311	6,442	7,029	121.5	130.8	4,841	5,062
Radio networks . . . . .	513111	334	475	9.3	9.0	516	514
Radio stations . . . . .	513112	6,108	6,554	112.1	121.9	4,325	4,548
Television broadcasting . . . . .	51312	2,050	2,009	132.2	123.4	7,451	7,154
Cable networks & program distribution . . . . .	5132	5,270	6,891	212.7	300.1	10,084	12,450
Cable networks . . . . .	51321	689	1,292	39.1	61.8	2,654	3,446
Cable & other program distribution . . . . .	51322	4,581	5,599	173.6	238.3	7,430	9,005
Telecommunications . . . . .	5133	41,209	42,783	1,165.5	1,144.0	66,389	62,947
Wired telecommunications carriers . . . . .	51331	26,223	26,883	870.2	848.0	49,010	47,962
Wireless telecommunications carriers (except satellite) . . . . .	51332	10,424	11,079	202.5	216.8	11,027	10,418
Paging . . . . .	513321	4,098	2,832	72.4	42.6	3,396	1,709
Cellular & other wireless telecommunications . . . . .	513322	6,326	8,247	130.1	174.2	7,631	8,709
Telecommunications resellers . . . . .	51333	2,458	3,060	54.6	49.8	3,342	2,666
Satellite telecommunications . . . . .	51334	728	746	21.3	16.0	1,680	1,053
Other telecommunications . . . . .	51339	1,379	1,015	16.9	13.4	1,330	848
Information services & data processing services . . . . .	514	23,175	24,280	529.0	539.3	33,544	28,173
Information services . . . . .	5141	14,139	13,203	232.5	208.2	19,023	11,672
News syndicates . . . . .	51411	567	543	11.3	10.2	648	584
Libraries & archives . . . . .	51412	2,754	2,875	33.8	33.6	679	724
Other information services . . . . .	51419	10,818	9,785	187.4	164.4	17,696	10,364
Online information services . . . . .	514191	10,257	8,594	177.3	149.1	15,690	9,256
All other information services . . . . .	514199	561	1,191	10.1	15.3	2,006	1,108
Data processing services . . . . .	5142	9,036	11,077	296.6	331.2	14,521	16,501

<sup>1</sup> North American Industry Classification System, 1997; see text, this section and Section 15. <sup>2</sup> For employees on the payroll for the pay period including March 12.

Source: U.S. Census Bureau, "County Business Patterns"; 2002 data, issued November 2004; <<http://www.census.gov/epcd/cbp/view/cbpview.html>>.

**Table 1113. Gross Domestic Income in Information Technologies (IT) Industries: 2000 to 2004**

[In millions of dollars (911,784 represents \$911,784,000,000), except as noted]

Industry	2002 NAICS <sup>1</sup> code	2000	2001	2002	2003 est.	2004 est.
		<b>Total IT-producing industries</b>	<b>(X)</b>	<b>911,784</b>	<b>860,536</b>	<b>821,928</b>
Share of the economy	(X)	9.2	8.4	7.8	7.6	7.8
Hardware <sup>3</sup>	(X)	271,259	211,822	210,709	217,814	245,307
Computer and office equipment	(2)	59,863	44,885	45,448	47,167	53,300
Computers and equipment wholesale sales	421430pt.	79,513	72,126	78,826	81,808	92,445
Computer and equipment retail sales	443120pt.	7,243	6,307	4,557	4,729	5,344
Printed circuit boards	334412	6,627	4,730	3,374	3,478	3,949
Semiconductors	334413	67,897	46,499	47,264	48,731	55,330
Semiconductor machinery	333295	11,636	5,662	4,445	4,659	4,953
Passive electronic components	334414,5,6 9	14,779	11,040	9,613	9,911	11,253
Industrial instruments for measurement	334513	4,802	4,558	4,419	4,447	4,781
Instruments for measuring electricity	334515	10,347	7,758	6,054	6,092	6,551
Laboratory analytical instruments	334516	4,730	4,723	5,127	5,159	5,547
Software and computer services <sup>3</sup>	(X)	323,444	332,891	325,617	320,738	353,360
Computer programming services	541,511	63,262	61,145	54,829	53,019	58,411
Prepackaged software	5112, 334611	75,961	77,709	76,353	77,249	85,106
Prepackaged software wholesale sales	421430pt.	12,064	16,893	15,550	15,211	16,637
Computer integrated system design	541512	75,137	73,733	71,396	70,172	77,309
Data processing services	5142	33,603	37,850	44,914	42,755	47,104
Information retrieval services	51419	25,313	26,156	26,443	26,818	29,546
Computer services management	541513	12,780	14,891	13,054	13,194	14,536
Office machinery rental and leasing	532420	7,404	6,234	4,551	3,456	3,808
Computer maintenance and repair	811212	7,758	7,817	7,508	7,065	7,783
Computer related services, n.e.c. <sup>4</sup>	541519	9,330	9,548	10,023	10,869	11,975
Communications equipment	(X)	67,262	53,527	37,512	34,858	36,982
Household audio and video equipment	334310	3,221	3,230	3,422	3,180	3,374
Telephone equipment, exc. ext. modems	334210	35,843	26,448	14,909	13,854	14,698
Radio & TV broadcasting and wireless equip.	334220	23,962	19,302	14,679	13,641	14,472
Other communications equipment	334290	2,795	3,421	3,262	3,031	3,216
Magnetic and optical and recording media	334613	1,441	1,127	1,240	1,153	1,223
Communications services	(X)	249,820	262,291	248,090	257,698	270,983
Telephone and telegraph communications	517 less 5175	208,000	220,007	208,095	216,155	227,298
Cable and other pay TV services	5175	41,820	42,284	39,995	41,544	43,685

X Not applicable. <sup>1</sup> North American Industry Classification System, 2002; see text, this section and Section 15. <sup>2</sup> NAICS 334111, 2, 3, 9, 334418, 333311, 3. <sup>3</sup> Includes other industries, not shown separately. <sup>4</sup> N.e.c. Not elsewhere classified.

Source: U.S. Department of Commerce, Economics and Statistics Administration, *The Digital Economy 2005*, forthcoming report. See Internet site <<https://www.esa.doc.gov/reports.cfm>>.

**Table 1114. Information Technologies (IT)—Employment, 2000 to 2004, and Wages, 2000 and 2003**

[110,996 represents 110,996,000]

Industry	2002 NAICS <sup>1</sup> code	Employment (1,000)			Annual wages per worker (dol.)	
		2000	2003	2004	2000	2003
Total private	(X)	110,996	108,416	109,862	35,350	37,510
<b>IT producing industries</b>	<b>(X)</b>	<b>5,381.7</b>	<b>4,356.0</b>	<b>4,283.0</b>	<b>72,330</b>	<b>70,100</b>
Computer hardware <sup>2</sup>	(X)	1,679.8	1,232.2	1,195.4	77,800	73,350
Electronic computers	334111	168.6	123.6	115.5	130,720	101,250
Computer and software wholesalers	423430	299.4	241.1	233.7	92,910	88,160
Computer and software retailers	443120	190.5	140.3	132.4	53,650	52,960
Bare printed circuit boards	334412	139.5	65.6	62.0	38,810	43,300
Semiconductors and related devices	334413	289.2	225.5	223.1	95,300	82,480
Miscellaneous electronic components	334415,6,7,9	146.0	98.5	97.9	42,320	45,840
Industrial process variable instruments	334513	70.1	58.4	59.9	54,760	55,280
Electricity and signal testing instruments	334515	65.8	46.8	45.2	82,790	79,000
Software and computer services <sup>2</sup>	(X)	2,127.4	1,845.6	1,860.0	77,310	74,520
Software publishers	511210	260.6	238.9	238.7	114,410	102,310
Data processing and related services	518210	315.7	280.0	270.5	53,610	58,440
Custom computer programming services	541511	540.0	489.8	505.0	78,070	77,350
Computer systems design services	541512	502.9	456.6	475.1	77,040	74,890
Computer facilities management services	541513	64.9	58.1	59.4	62,340	62,550
Communications equipment <sup>2</sup>	(X)	322.0	201.7	189.8	66,990	69,110
Telephone apparatus	334210	106.5	50.7	47.2	80,960	80,790
Broadcast and wireless communications equipment	334220	107.3	77.9	75.7	63,160	68,230
Audio and video equipment	334310	52.1	37.1	31.9	43,920	51,550
Communications services <sup>2</sup>	(X)	1,252.5	1,076.4	1,037.8	58,810	59,180
Wired telecommunications carriers	517110	719.2	579.2	548.4	62,560	63,870
Telecommunications resellers	517310	213.6	154.9	149.8	54,850	58,290
Cable and other program distribution	517510	123.0	132.5	129.7	42,170	46,480

X Not applicable. <sup>1</sup> North American Industry Classification System, 2002; see text, this section and Section 15. <sup>2</sup> Includes other industries, not shown separately.

Source: U.S. Department of Commerce, Economics and Statistics Administration, *The Digital Economy 2005*, forthcoming report. See Internet site <<https://www.esa.doc.gov/reports.cfm>>.

**Table 1115. Communications Industry—Finances: 2000 to 2003**

[In millions of dollars (293,954 represents \$293,954,000,000). Covers 299 publicly-reporting media and communications companies with revenues of over \$1 million in 12 media and communication industry segments. Minus sign (-) indicates loss]

Industry	Revenue				Operating income			
	2000	2001	2002	2003	2000	2001	2002	2003
<b>Total</b> .....	<b>293,954</b>	<b>303,693</b>	<b>329,367</b>	<b>361,164</b>	<b>26,474</b>	<b>15,285</b>	<b>29,463</b>	<b>53,982</b>
Advertising, specialty media and marketing services <sup>1</sup> .....	45,292	46,297	47,076	50,786	7,715	7,826	8,622	9,259
Marketing services holding companies .....	24,980	25,964	26,913	30,369	3,296	2,355	2,732	3,112
Telephone directory publishing .....	10,883	11,100	11,128	10,663	4,242	5,450	5,390	5,301
Broadcast television .....	34,778	34,563	37,731	39,753	6,888	5,521	6,532	7,666
Television network companies .....	25,812	26,230	28,365	29,928	4,346	3,891	4,057	4,999
Cable and satellite television .....	52,451	60,818	67,551	77,342	-2,275	-7,518	-8,501	8,564
Cable and satellite providers .....	39,467	46,578	52,100	58,068	-2,241	-7,718	-11,830	6,344
Radio station owners and networks .....	8,275	8,840	9,498	9,625	1,321	355	3,344	3,406
Entertainment <sup>1</sup> .....	52,484	49,584	58,324	66,030	2,345	2,010	3,604	5,752
Filmed entertainment .....	32,572	33,380	39,327	45,313	1,278	1,694	3,406	4,798
Recorded music .....	11,404	9,315	9,995	10,694	34	-378	-1,146	-558
Consumer Internet .....	10,661	11,504	12,714	13,989	920	-582	359	1,212
Internet service providers .....	8,701	9,974	10,663	10,359	1,454	1,749	545	603
Newspaper publishing .....	24,953	23,851	23,707	24,824	5,307	4,005	5,049	5,315
Consumer book publishing .....	2,535	2,984	3,161	3,596	339	383	412	443
Consumer magazine publishing .....	9,281	9,780	10,105	10,353	-23	-976	824	1,030
Business-to-business communications .....	5,043	4,534	4,126	4,184	769	395	283	551
Professional, educational and training media .....	13,178	13,028	14,980	16,561	1,164	1,220	1,968	2,421
Professional and educational media .....	9,087	8,090	9,264	9,592	1,287	1,024	1,578	1,549
Business information services .....	35,023	37,911	40,393	44,121	2,003	2,647	6,968	8,362
Financial information .....	16,667	17,637	18,724	19,878	2,692	3,052	3,178	3,676

<sup>1</sup> Includes other industries, not shown separately.

Source: Veronis Suhler Stevenson, New York, NY, *Communications Industry Forecast & Report*, annual (copyright).

**Table 1116. Media Usage and Consumer Spending: 2000 to 2008**

[Estimates of time spent were derived using rating data for television, cable and satellite television and radio, survey research and consumer purchase data (units, admissions, access) for books, home video, Internet, interactive TV, magazines, movies in theaters, newspapers, recorded music, and video games. Adults 18 and older were the basis for estimates for television, cable and satellite television, daily newspapers, consumer books, consumer magazines, home video and interactive TV. Persons 12 and older were the basis for estimates for radio, recorded music, movies in theaters, video games and consumer Internet]

Item	2000	2001	2002	2003	2004, proj.	2005, proj.	2006, proj.	2007, proj.	2008, proj.
<b>HOURS PER PERSON PER YEAR</b>									
<b>Total</b> .....	<b>3,492</b>	<b>3,540</b>	<b>3,606</b>	<b>3,663</b>	<b>3,757</b>	<b>3,809</b>	<b>3,890</b>	<b>3,949</b>	<b>4,059</b>
Television .....	1,635	1,676	1,705	1,745	1,792	1,826	1,858	1,887	1,931
Broadcast TV .....	866	833	787	769	782	785	790	794	800
Network stations <sup>1</sup> .....	799	767	721	704	717	721	726	731	738
Cable & satellite TV .....	769	843	918	975	1,010	1,042	1,068	1,093	1,131
Basic cable and satellite TV <sup>1</sup> .....	633	692	760	809	834	861	882	903	934
Premium cable and satellite TV <sup>1</sup> .....	136	151	158	167	176	181	186	190	197
Broadcast and satellite radio <sup>2</sup> .....	943	955	990	1,002	1,035	1,040	1,070	1,080	1,120
Box office .....	12	13	14	13	13	13	13	13	14
Home video .....	51	56	65	70	78	85	94	103	110
Interactive TV <sup>4</sup> .....	2	2	2	2	3	3	4	4	5
Recorded music .....	258	229	200	184	180	176	174	170	167
Video games .....	59	60	64	69	71	75	81	86	98
Consumer Internet .....	107	139	158	176	189	200	213	225	236
Daily newspapers .....	180	177	175	171	169	168	165	165	164
Consumer books .....	109	106	109	108	107	106	106	105	104
Consumer magazines .....	135	127	125	121	118	116	113	111	110
<b>CONSUMER SPENDING PER PERSON PER YEAR (dol.)</b>									
<b>Total</b> .....	<b>632.03</b>	<b>678.79</b>	<b>738.15</b>	<b>777.73</b>	<b>825.29</b>	<b>871.73</b>	<b>921.54</b>	<b>974.01</b>	<b>1,030.22</b>
Cable and satellite TV <sup>1</sup> .....	187.93	202.73	221.52	234.65	248.02	261.47	275.06	289.09	303.49
Basic cable & satellite networks <sup>1</sup> .....	144.24	155.16	169.73	181.09	192.56	204.11	215.63	227.74	240.58
Premium cable and satellite services <sup>1</sup> .....	43.70	47.57	51.79	53.56	55.47	57.36	59.44	61.36	62.91
Broadcast and satellite radio .....	-	-	0.07	0.37	1.32	2.59	4.20	5.97	7.69
Box office .....	32.75	35.45	39.54	39.00	41.16	42.31	44.46	46.13	48.72
Home video .....	100.01	114.26	135.02	151.94	172.04	188.86	206.17	225.51	241.08
Interactive TV .....	2.25	2.47	2.89	3.82	4.96	6.39	8.04	9.61	10.81
Recorded music .....	61.24	57.92	52.39	48.72	47.63	46.26	45.55	44.64	44.38
Video games .....	25.89	26.89	29.59	29.78	31.00	33.29	36.72	39.25	44.89
Consumer Internet .....	49.64	68.94	84.76	96.35	107.02	117.72	127.76	140.15	154.29
Daily newspapers .....	52.48	52.84	53.30	53.68	53.29	53.88	54.19	54.69	55.33
Consumer books .....	86.13	84.45	87.51	89.68	90.37	91.49	92.72	93.02	93.7
Consumer magazines .....	47.70	46.96	46.79	41.24	45.77	45.51	45.35	45.17	44.93

- Represents zero. <sup>1</sup> UPN, WB, and PAX affiliates included in network-affiliated stations, superstations included in basic cable, and pay-per-view included in premium service. <sup>2</sup> Does not include Internet-related use of traditional media. Some examples include: listening to downloaded music directly on the computer or from a burned disc on an MP3 player, reading a downloaded e-book, listening to a radio station transmitted by a Windows media player, and reading a Web-based newspaper article. Such activities are included in the time spent data under consumer Internet, although the media content was originally provided on a traditional medium. <sup>3</sup> Playback of prerecorded VHS cassettes and DVDs only. <sup>4</sup> Video-on-demand (VOD) only. Personal video recorders (PVRs) included in total TV.

Source: Veronis Suhler Stevenson, New York, NY, *Communications Industry Forecast & Report*, annual (copyright).

**Table 1117. Utilization of Selected Media: 1980 to 2003**

[78.6 represents 78,600,000]

Item	Unit	1980	1990	1995	1997	1998	1999	2000	2001	2002	2003
Households with—											
Telephone service <sup>1</sup>	Percent	93.0	93.3	93.9	93.9	94.1	94.0	94.6	94.6	95.5	95.5
Radio <sup>2</sup>	Millions	78.6	94.4	98.0	98.0	(NA)	(NA)	(NA)	(NA)	(NA)	99.0
Percent of total households	Percent	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
Average number of sets	Number	5.5	5.6	5.6	5.6	5.6	5.6	5.6	(NA)	(NA)	8.0
Television <sup>3</sup>	Millions	76	92	95	97	98	99	101	102	106	107
Percent of total households	Percent	97.9	98.2	98.3	98.4	98.3	98.2	98.2	98.2	98.2	98.2
Television sets in homes	Millions	128	193	217	229	235	240	245	248	254	260
Average number of sets per home	Number	1.7	2.0	2.3	2.4	2.4	2.4	2.4	2.4	2.4	2.4
Color set households	Millions	63	90	94	97	98	99	101	102	105	107
Cable television <sup>4</sup>	Millions	15	52	60	64	66	67	69	69	73	74
Percent of TV households	Percent	19.9	56.4	63.4	66.5	67.2	67.5	68.0	68.0	69.4	69.8
VCRs <sup>4</sup>	Millions	1	63	77	82	83	84	86	88	96	98
Percent of TV households	Percent	1.1	68.6	81.0	84.2	84.6	84.6	85.1	86.2	91.2	91.5
Computers <sup>5</sup>	Percent	(NA)	(NA)	(NA)	36.6	42.1	(NA)	51.0	56.2	(NA)	61.8
Internet connections <sup>5</sup>	Percent	(NA)	(NA)	(NA)	18.6	26.2	(NA)	41.5	50.3	(NA)	54.6
Broadband Internet <sup>5</sup>	Percent	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	4.4	9.1	(NA)	19.9
Commercial radio stations: <sup>2</sup>											
AM	Number	4,589	4,987	4,909	4,762	4,793	4,783	4,685	4,727	4,804	4,802
FM	Number	3,282	4,392	5,296	5,542	5,662	5,766	5,892	6,051	6,161	6,207
Television stations: <sup>6</sup> Total	Number	1,011	1,442	1,532	1,564	1,589	1,615	1,663	1,686	1,714	1,730
Commercial	Number	734	1,092	1,161	1,195	1,221	1,243	1,288	1,309	1,333	1,349
VHF	Number	516	547	562	555	561	561	567	572	581	587
UHF	Number	218	545	599	640	660	682	721	737	752	762
Cable television:											
Systems	Number	4,225	9,575	11,218	10,950	10,845	10,700	10,243	9,924	9,339	9,038
Households served <sup>3</sup>	Millions	17.7	54.9	63.0	65.9	67.0	74.9	76.5	79.5	85.5	85.9
Daily newspaper circulation <sup>9</sup>	Millions	62.2	62.3	58.2	56.7	56.2	56.0	55.8	55.6	55.2	55.2

NA Not available. <sup>1</sup> For occupied housing units, 1980 as of April 1; all other years as of March. Source: U.S. Census Bureau, *1980 Census of Housing*, vol. 1; thereafter Federal Communications Commission, *Trends in Telephone Service*, annual. <sup>2</sup> 1980-1995 as of December 31. Source: M Street Corp. as reported by Radio Advertising Bureau New York, NY, through 1990, Radio Facts, annual (copyright); beginning 1995, Radio Marketing Guide and Fact Book for Advertisers, annual (copyright). Number of stations on the air compiled from Federal Communications Commission reports, 1985 data as of February 1986, beginning 1997, Federal Communications Commission, unpublished data as of Sept. 30. See Internet site <<http://www.fcc.gov/mb/audio/totals->> <sup>3</sup> As of January of year shown. Excludes Alaska and Hawaii. Source: Television Bureau of Advertising, Inc., *Trends in Television*, annual (copyright). <sup>4</sup> As of February. Excludes Alaska and Hawaii. Source: See footnote 3. <sup>5</sup> As of October 1997, December 1998, August 2000, September 2001 and October 2003. Source: U.S. Department of Commerce, National Telecommunications and Information Administration, *A Nation Online: Entering the Broadband Age*, September 2004. See Internet site <<http://www.ntia.doc.gov/reports/anol/index.html>>. <sup>6</sup> Source: Beginning 1997, Federal Communications Commission, unpublished data. See Internet site <<http://www.fcc.gov/mb/audio/totals->> 1997 and 1998 as of December; beginning 1999, as of September. For prior years data, see footnote 3. <sup>7</sup> As of January 1. Source: Warren Communications News, Washington DC, *Television and Cable Factbook* (copyright). <sup>8</sup> Source: Nielsen Media Research, New York, NY, (copyright). <sup>9</sup> As of September 30. Source: Editor & Publisher, Co., New York, NY, *Editor & Publisher International Year Book*, annual (copyright).

Source: Compiled from sources mentioned in footnotes.

**Table 1118. Multimedia Audiences—Summary: 2004**

[In percent, except total (213,454 represents 213,454,000). As of fall. For persons 18 years old and over. Represents the percent of persons participating during the prior week, except as indicated. Based on sample and subject to sampling error; see source for details]

Item	Total population (1,000)	Television viewing	Television prime time viewing	Cable viewing <sup>1</sup>	Radio listening	Newspaper reading	Accessed Internet <sup>2</sup>
<b>Total</b>	<b>213,454</b>	<b>94.1</b>	<b>83.2</b>	<b>78.1</b>	<b>84.2</b>	<b>78.8</b>	<b>61.4</b>
18 to 24 years old	27,556	92.5	74.6	72.8	90.7	72.7	72.7
25 to 34 years old	39,380	92.5	82.1	76.3	91.1	74.1	72.1
35 to 44 years old	44,230	92.9	82.0	79.1	89.9	79.0	70.7
45 to 54 years old	40,387	94.4	83.8	80.0	88.2	81.6	68.0
55 to 64 years old	27,520	95.8	86.5	81.9	80.4	83.2	57.0
65 years old and over	34,381	97.2	89.2	77.6	62.3	81.6	23.6
Male	102,533	94.3	82.9	78.5	85.4	78.1	61.6
Female	110,921	94.0	83.4	77.6	83.1	79.4	61.2
Not high school graduate	35,023	93.6	82.5	65.0	73.6	61.2	20.1
High school graduate	67,779	95.4	85.1	78.6	83.6	77.9	47.9
Attended college	57,820	94.4	82.4	81.3	88.1	82.8	76.1
College graduate	52,832	92.5	81.9	82.6	87.8	87.0	89.8
Employed:							
Full-time	113,475	93.4	82.1	80.1	90.7	80.7	73.2
Part-time	23,165	92.5	79.6	76.6	87.6	80.1	70.0
Not employed	76,815	95.7	85.8	75.6	73.6	75.4	41.3
Household income:							
Less than \$10,000	13,236	93.5	80.0	59.8	73.7	62.2	25.5
\$10,000 to \$19,999	22,029	93.9	84.7	62.6	71.6	69.2	27.7
\$20,000 to \$29,999	24,350	94.9	83.9	69.5	77.9	72.1	36.7
\$30,000 to \$34,999	12,224	94.6	84.9	74.0	82.8	78.9	47.5
\$35,000 to \$39,999	11,290	95.1	84.3	75.3	84.6	76.9	52.2
\$40,000 to \$49,999	21,118	95.2	83.2	78.7	85.2	77.2	58.8
\$50,000 or more	109,207	93.7	82.7	85.9	89.4	84.6	81.0

<sup>1</sup> In the past 7 days. <sup>2</sup> In the last 30 days.

Source: Mediarm Research Inc., New York, NY, *Multimedia Audiences*, fall 2004 (copyright).



**Table 1119. Newspaper, Periodical, Database and Directory Publishers—Estimated Revenue, and Inventories: 2001 to 2003**

[In millions of dollars (47,153 represents \$47,153,000,000). For taxable and tax-exempt employer firms. Estimates have been adjusted to the results of the 1997 Economic Census. Based on the North American Industry Classification System, 1997; see text, this section and Section 15. See also Appendix III]

Item	Newspaper publishers (NAICS 51111)			Periodical publishers (NAICS 51112)			Database and directory publishers (NAICS 51114)		
	2001	2002	2003	2001	2002	2003	2001	2002	2003
<b>Revenue</b> . . . . .	<b>47,153</b>	<b>47,524</b>	<b>48,591</b>	<b>39,266</b>	<b>38,844</b>	<b>38,651</b>	<b>16,512</b>	<b>16,564</b>	<b>16,728</b>
Source of revenue:									
Print . . . . .	42,134	42,099	42,766	31,033	30,404	29,243	11,856	11,748	11,777
Subscription and sales . . . . .	9,314	9,436	9,610	13,073	12,971	11,848	693	622	650
Advertising . . . . .	32,820	32,664	33,156	17,960	17,434	17,396	11,162	11,126	11,127
Internet . . . . .	410	597	735	1,282	1,298	1,412	433	520	663
Subscription and sales . . . . .	(S)	(S)	(S)	868	894	1,047	(S)	(S)	(S)
Advertising . . . . .	303	466	568	(S)	(S)	366	241	275	418
Other media . . . . .	154	165	153	2,158	2,350	2,586	1,566	1,578	1,270
Subscription and sales . . . . .	53	61	(S)	2,070	2,276	2,514	1,513	1,541	1,234
Advertising . . . . .	101	103	96	(S)	74	72	(S)	36	37
Contract printing . . . . .	1,770	1,749	1,667	922	690	628	201	(S)	(S)
Distribution of flyers, inserts, etc. . . . .	930	1,020	1,191	105	118	(S)	(NA)	(NA)	(NA)
Graphic design services . . . . .	(S)	(S)	(S)	(S)	(S)	(S)	(NA)	(NA)	(NA)
Market research . . . . .	2	2	(S)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Archival sales services . . . . .	24	23	26	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Sales or licensing of rights of content . . . . .	69	45	74	241	274	293	98	72	(S)
Rental or sales of mailing lists . . . . .	13	(S)	7	160	168	164	1,051	1,162	1,172
Non-newspaper publishing . . . . .	258	306	369	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Publishing services for others . . . . .	11	12	19	339	(S)	314	31	29	57
Other revenue . . . . .	1,368	1,485	1,574	2,966	3,141	3,816	1,278	1,256	1,498
Breakdown of revenue:									
General interest publications . . . . .	41,534	41,246	41,916	16,613	16,309	16,019	(X)	(X)	(X)
Special interest publications . . . . .	1,164	1,169	1,075	17,860	16,312	15,683	(X)	(X)	(X)
Other publications . . . . .	(NA)	(S)	662	(NA)	1,431	(S)	(X)	(X)	(X)
<b>Inventories at end of year</b> . . . . .	<b>748</b>	<b>717</b>	<b>780</b>	<b>1,634</b>	<b>1,671</b>	<b>1,542</b>	<b>374</b>	<b>(S)</b>	<b>(S)</b>
Finished goods and work-in-process . . . . .	63	80	108	1,223	1,252	1,156	355	(S)	(S)
Materials, supplies, fuel, etc. . . . .	685	636	672	411	419	(S)	19	(S)	(S)

NA Not available. S Data do not meet publication standards. X Not applicable.

Source: U.S. Census Bureau, *Service Annual Survey: 2003*, SAS/03. See <<http://www.census.gov/econ/www/servmenu.html>> (released December 2004).

**Table 1120. Daily and Sunday Newspapers—Number and Circulation: 1970 to 2004**

[Number of newspapers as of February 1 the following year. Circulation figures as of September 30 of year shown (62.1 represents 62,100,000). For English language newspapers only]

Type	1970	1975	1980	1985	1990	1995	1999	2000	2001	2002	2003	2004
<b>NUMBER</b>												
Daily: Total <sup>1</sup> . . . . .	1,748	1,756	1,745	1,676	1,611	1,533	1,483	1,480	1,468	1,457	1,456	1,456
Morning . . . . .	334	339	387	482	559	656	736	766	776	777	787	813
Evening . . . . .	1,429	1,436	1,388	1,220	1,084	891	760	727	704	692	680	653
Sunday . . . . .	586	639	736	798	863	888	905	917	913	913	917	914
<b>NET PAID CIRCULATION (mil.)</b>												
Daily: Total <sup>1</sup> . . . . .	62.1	60.7	62.2	62.8	62.3	58.2	56.0	55.8	55.6	55.2	55.2	54.6
Morning . . . . .	25.9	25.5	29.4	36.4	41.3	44.3	46.0	46.8	46.8	46.6	46.9	46.9
Evening . . . . .	36.2	35.2	32.8	26.4	21.0	13.9	10.0	9.0	8.8	8.6	8.3	7.7
Sunday . . . . .	49.2	51.1	54.7	58.8	62.6	61.5	59.9	59.4	59.1	58.8	58.5	57.8
<b>PER CAPITA CIRCULATION <sup>2</sup></b>												
Daily: Total <sup>1</sup> . . . . .	0.30	0.28	0.27	0.26	0.25	0.22	0.20	0.20	0.20	0.19	0.19	0.19
Morning . . . . .	0.13	0.12	0.13	0.15	0.17	0.17	0.16	0.17	0.16	0.16	0.16	0.16
Evening . . . . .	0.18	0.16	0.14	0.11	0.08	0.05	0.04	0.03	0.03	0.03	0.03	0.03
Sunday . . . . .	0.24	0.24	0.24	0.25	0.25	0.23	0.21	0.21	0.21	0.20	0.20	0.20

<sup>1</sup> All-day newspapers are counted in both morning and evening columns, but only once in total. Circulation is divided equally between morning and evening. <sup>2</sup> Based on U.S. Census Bureau estimated resident population as of July 1.

Source: Editor & Publisher Co., New York, NY, *Editor & Publisher International Year Book*, annual (copyright).

**Table 1121. Daily Newspapers—Number and Circulation by Size of City: 1980 to 2004**

[Number of newspapers as of February 1 the following year. Circulation as of September 30 (29,413 represents 29,413,000). For English language newspapers only. See Table 28 for number of cities by population size. All-day newspapers are counted in both morning and evening columns; circulation is divided equally between morning and evening]

Type of daily and population-size class	Number					Net paid circulation (1,000)				
	1980	1990	1995	2000	2004	1980	1990	1995	2000	2004
<b>Morning dailies, total...</b>	<b>387</b>	<b>559</b>	<b>656</b>	<b>766</b>	<b>813</b>	<b>29,413</b>	<b>41,311</b>	<b>44,310</b>	<b>46,772</b>	<b>46,887</b>
In cities of—										
1,000,001 or more	20	18	25	26	29	8,795	6,508	10,173	10,820	10,735
500,001 to 1,000,000	27	22	22	25	33	5,705	4,804	5,587	5,412	6,514
100,001 to 500,000	99	138	153	163	164	8,996	20,051	17,214	17,469	16,838
50,001 to 100,000	75	100	138	162	164	2,973	4,373	5,602	5,887	5,579
25,001 to 50,000	64	102	115	141	154	1,701	3,209	3,150	3,899	3,799
Less than 25,000	102	179	203	249	269	1,243	2,365	2,584	3,285	3,423
<b>Evening dailies, total...</b>	<b>1,388</b>	<b>1,084</b>	<b>891</b>	<b>727</b>	<b>653</b>	<b>32,788</b>	<b>21,017</b>	<b>13,883</b>	<b>9,000</b>	<b>7,739</b>
In cities of—										
1,000,001 or more	11	7	3	1	1	2,984	1,423	390	1	1
500,001 to 1,000,000	23	12	7	3	6	4,101	1,350	1,017	519	812
100,001 to 500,000	123	71	45	32	24	8,178	4,687	2,529	1,603	1,186
50,001 to 100,000	156	94	72	54	38	4,896	2,941	2,029	1,332	981
25,001 to 50,000	246	204	158	124	113	5,106	4,278	2,819	1,898	1,617
Less than 25,000	829	696	606	513	471	7,523	6,338	5,099	3,648	3,141

Source: Editor & Publisher Co., New York, NY, *Editor & Publisher International Year Book*, annual (copyright).

**Table 1122. Daily and Sunday Newspapers—Number and Circulation, 1991 to 2003 and by State, 2004**

[Number of newspapers as of February 1 the following year. Circulation as of September 30 (60,687 represents 60,687,000). For English language newspapers only. California, New York, Massachusetts, and Virginia Sunday newspapers include national circulation]

State	Daily			Sunday		State	Daily			Sunday	
	Number	Circulation <sup>1</sup>		Number	Net paid circulation (1,000)		Number	Circulation <sup>1</sup>		Number	Net paid circulation (1,000)
		Net paid (1,000)	Per capita <sup>2</sup>					Net paid (1,000)	Per capita <sup>2</sup>		
Total, 1991	1,586	60,687	0.24	875	62,068						
Total, 1992	1,570	60,164	0.23	891	62,160	ME	7	227	0.17	4	194
Total, 1993	1,556	59,812	0.23	884	62,566	MD	13	558	0.10	9	901
Total, 1994	1,548	59,305	0.23	886	62,294	MA	32	1,535	0.24	16	1,508
Total, 1995	1,533	58,193	0.22	888	61,529	MI	48	1,637	0.16	27	1,873
Total, 1996	1,520	56,983	0.21	890	60,798	MN	25	864	0.17	15	1,154
Total, 1997	1,509	56,728	0.21	903	60,484	MS	23	363	0.13	18	365
Total, 1998	1,489	56,182	0.20	898	60,066	MO	42	926	0.16	23	1,156
Total, 1999	1,483	55,979	0.20	905	59,894	MT	11	187	0.20	7	186
Total, 2000	1,480	55,773	0.20	917	59,421	NE	17	407	0.23	6	390
Total, 2001	1,468	55,578	0.19	913	59,090	NV	8	304	0.13	4	329
Total, 2002	1,457	55,186	0.19	913	58,780	NH	11	217	0.17	8	224
Total, 2003	1,456	55,185	0.19	917	58,495	NJ	17	1,273	0.15	14	1,567
<b>Total, 2004</b>	<b>1,456</b>	<b>54,626</b>	<b>0.19</b>	<b>914</b>	<b>57,753</b>	NM	18	274	0.14	13	281
AL	24	619	0.14	20	699	NY	59	6,843	0.36	38	5,330
AK	7	105	0.16	5	121	NC	47	1,308	0.15	39	1,436
AZ	16	750	0.13	11	863	ND	10	159	0.25	7	164
AR	28	467	0.17	16	538	OH	84	2,286	0.20	41	2,556
CA	90	5,764	0.16	61	6,575	OK	42	605	0.17	34	753
CO	30	990	0.22	15	1,138	OR	19	662	0.18	12	693
CT	17	679	0.19	13	762	PA	81	2,596	0.21	41	3,015
DE	2	132	0.16	2	164	RI	6	217	0.20	3	264
DC	2	808	1.46	2	1,051	SC	16	611	0.15	14	699
FL	40	3,044	0.17	37	3,849	SD	11	153	0.20	4	134
GA	34	1,007	0.11	29	1,313	TN	26	836	0.14	18	1,007
HA	6	267	0.21	6	299	TX	85	2,923	0.13	78	3,688
ID	12	210	0.15	8	224	UT	6	331	0.14	6	363
IL	67	2,284	0.18	32	2,434	VT	8	116	0.19	3	89
IN	68	1,257	0.20	25	1,234	VA	25	3,209	0.43	17	1,146
IA	37	594	0.20	12	618	WA	23	1,059	0.17	17	1,198
KS	43	403	0.15	14	363	WV	20	327	0.18	12	338
KY	23	583	0.14	14	612	WI	35	871	0.16	18	1,065
LA	26	692	0.15	21	763	WY	9	87	0.17	5	70

<sup>1</sup> Circulation figures based on the principal community served by a newspaper which is not necessarily the same location as the publisher's office. <sup>2</sup> Per capita based on estimated resident population as of July 1, except 2000, enumerated resident population as of April 1.

Source: Editor & Publisher Co., New York, NY, *Editor & Publisher International Year Book*, annual (copyright).

**Table 1123. Periodicals—Average Retail Prices: 2001 to 2005**

[In dollars. Reflects prices for an annual subscription]

Subject	2001	2002	2003	2004	2005
Agriculture	585	626	677	749	799
Anthropology	246	266	287	312	328
Art and architecture	107	109	117	126	135
Astronomy	918	1,088	1,160	1,253	1,235
Biology	1,094	1,171	1,276	1,392	1,494
Botany	814	864	931	1,017	1,109
Business and economics	491	539	594	646	702
Chemistry	2,140	2,321	2,505	2,699	2,868
Education	261	285	308	335	367
Engineering	1,217	1,323	1,430	1,550	1,683
Food science	818	860	926	1,014	1,107
General science	755	828	914	988	1,059
General works	76	78	87	98	110
Geography	685	769	835	912	945
Geology	884	951	1,025	1,115	1,197
Health sciences	781	839	915	999	1,081
History	115	121	134	149	163
Language and literature	108	115	127	141	154
Law	158	173	190	207	221
Library and information science	267	285	314	345	386
Math and computer science	968	1,031	1,103	1,197	1,267
Military and naval science	345	329	355	385	447
Music	77	86	93	97	114
Philosophy and religion	140	150	166	183	197
Physics	2,012	2,192	2,365	2,550	2,719
Political science	212	243	271	303	333
Psychology	340	371	397	435	472
Recreation	120	138	145	156	179
Sociology	311	340	371	419	455
Technology	1,057	1,152	1,252	1,359	1,460
Zoology	820	888	954	988	1,053

Source: Library Journal, New York, NY, *Library Journal*, April 15, 2005. (Copyright 2005, used with permission of Library Journal, a publication of Reed Business Information, a division of Reed Elsevier.)

**Table 1124. Periodicals—Percent Change in Average Retail Prices: 2002 to 2005**

[Reflects change in prices for an annual subscription. Minus sign (-) indicates decrease]

Subject	2001–2002	2002–2003	2003–2004	2004–2005
Agriculture	7.0	8.1	10.6	6.7
Anthropology	8.1	7.9	8.7	5.1
Art and architecture	1.9	7.3	7.7	7.1
Astronomy	18.5	6.6	8.0	-1.4
Biology	7.0	9.0	9.1	7.3
Botany	6.1	7.8	9.2	9.0
Business and economics	9.8	10.2	8.8	8.7
Chemistry	8.5	7.9	7.7	6.3
Education	9.2	8.1	8.8	9.6
Engineering	8.7	8.1	8.4	8.6
Food science	5.1	7.7	9.5	9.2
General science	9.7	10.4	8.1	7.2
General works	2.6	11.5	12.6	12.2
Geography	12.3	8.6	9.2	3.6
Geology	7.6	7.8	8.8	7.4
Health sciences	7.4	9.1	9.2	8.2
History	5.2	10.7	11.2	9.4
Language and literature	6.5	10.4	11.0	9.2
Law	9.5	9.8	8.9	6.8
Library and information science	6.7	10.2	9.9	11.9
Math and computer science	6.5	7.0	8.5	5.8
Military and naval science	-4.6	7.9	8.5	16.1
Music	11.7	8.1	4.3	17.5
Philosophy and religion	7.1	10.7	10.2	7.7
Physics	8.9	7.9	7.8	6.6
Political science	14.6	11.5	11.8	9.9
Psychology	9.1	7.0	9.6	8.5
Recreation	15.0	5.1	7.6	14.7
Sociology	9.3	9.1	12.9	8.6
Technology	9.0	8.7	8.5	7.4
Zoology	8.3	7.4	3.6	6.6

Source: Library Journal, New York, NY, *Library Journal*, April 15, 2005. (Copyright 2005, used with permission of Library Journal, a publication of Reed Business Information, a division of Reed Elsevier.)

**Table 1125. Quantity of Books Sold: 2000 to 2005**

[In millions (2,461.9 represents 2,461,900,000). Represents net publishers' shipments after returns. Includes all titles released by publishers in the United States and imports which appear under the imprints of American publishers. Multivolume sets, such as encyclopedias, are counted as one unit]

Type of publication	2000	2001	2002	2003	2004	2005, proj.
<b>Total</b> . . . . .	<b>2,461.9</b>	<b>2,357.7</b>	<b>2,365.2</b>	<b>2,338.7</b>	<b>2,295.0</b>	<b>2,342.2</b>
Trade . . . . .	1,051.8	979.0	986.8	964.7	944.4	958.0
Adult . . . . .	473.9	458.3	462.2	449.9	463.7	473.9
Hardback . . . . .	235.4	223.5	225.5	224.3	234.2	237.4
Paperback . . . . .	238.5	234.8	236.7	225.6	229.5	236.5
Juvenile . . . . .	577.9	520.7	524.6	514.8	480.7	484.1
Hardback . . . . .	234.1	175.3	177.0	177.9	147.2	156.1
Paperback . . . . .	343.8	345.4	347.6	336.9	333.5	328.0
Mass market paperbacks—rack sized . . . . .	584.2	564.0	570.2	562.6	535.6	540.1
Bookclubs . . . . .	124.0	123.9	122.2	121.6	112.4	109.7
Hardback . . . . .	40.3	40.1	38.6	39.0	35.8	34.8
Paperback . . . . .	83.7	83.8	83.6	82.6	76.6	74.9
Mail order publications . . . . .	65.4	54.3	54.6	56.0	53.9	51.4
Religious . . . . .	197.7	201.1	204.4	203.9	221.2	236.4
Hardback . . . . .	69.4	70.8	71.8	71.9	78.2	84.2
Paperback . . . . .	128.3	130.3	132.6	131.9	142.9	152.2
Professional . . . . .	187.3	168.6	170.3	172.1	175.9	176.4
Hardback . . . . .	71.6	64.5	65.1	69.7	70.0	69.9
Paperback . . . . .	115.7	104.2	105.2	102.3	105.9	106.5
University press . . . . .	25.7	24.5	24.9	24.5	23.5	23.7
Hardback . . . . .	7.8	7.4	7.5	7.5	7.2	7.3
Paperback . . . . .	17.9	17.1	17.4	17.1	16.3	16.5
Elhi text . . . . .	160.4	174.3	162.2	162.8	158.9	178.2
Hardback . . . . .	56.9	61.8	57.4	57.3	55.9	62.7
Paperback . . . . .	103.5	112.5	104.8	105.5	103.0	115.6
College text . . . . .	64.3	66.8	68.4	69.2	68.0	67.1
Hardback . . . . .	28.6	29.9	30.6	30.9	30.2	29.8
Paperback . . . . .	35.7	36.9	37.8	38.3	37.8	37.3
Subscription reference . . . . .	1.2	1.2	1.2	1.2	1.2	1.2

Source: Book Industry Study Group, Inc., New York, NY, *Book Industry Trends, 2005*, annual (copyright).

**Table 1126. Books Sold—Value of U.S. Domestic Consumer Expenditures: 2000 to 2005**

[In millions of dollars (36,136.2 represents \$36,136,200,000). Includes all titles released by publishers in the United States and imports which appear under the imprints of American publishers]

Type of publication	2000	2001	2002	2003	2004	2005, proj.
<b>Total</b> . . . . .	<b>36,136.2</b>	<b>36,060.0</b>	<b>36,796.0</b>	<b>37,908.2</b>	<b>39,202.1</b>	<b>41,070.7</b>
Trade . . . . .	11,583.2	11,276.7	11,496.0	11,786.1	11,943.9	12,303.6
Adult . . . . .	8,124.2	8,061.5	8,288.0	8,400.6	8,823.8	9,035.5
Hardback . . . . .	4,753.8	4,650.1	4,914.1	4,989.2	5,333.5	5,461.5
Paperback . . . . .	3,370.4	3,411.4	3,373.9	3,411.4	3,490.3	3,574.0
Juvenile . . . . .	3,459.0	3,215.2	3,208.0	3,385.5	3,120.1	3,268.1
Hardback . . . . .	2,126.1	1,644.1	1,601.1	1,761.7	1,446.4	1,567.2
Paperback . . . . .	1,332.9	1,571.1	1,606.9	1,623.8	1,673.7	1,700.9
Mass market paperbacks—rack sized . . . . .	2,934.7	2,911.2	2,966.8	2,997.9	2,946.1	2,899.3
Bookclubs . . . . .	1,753.0	1,794.5	1,799.5	1,842.5	1,753.1	1,704.0
Hardback . . . . .	1,387.1	1,417.6	1,419.8	1,453.7	1,383.2	1,334.9
Paperback . . . . .	365.9	376.9	379.7	388.8	369.9	369.1
Mail order publications . . . . .	576.5	490.5	510.1	530.7	518.6	517.6
Religious . . . . .	2,782.7	2,912.6	2,969.6	3,207.5	3,763.8	4,143.9
Hardback . . . . .	1,665.0	1,744.6	1,765.1	1,904.9	2,235.3	2,568.8
Paperback . . . . .	1,117.7	1,168.0	1,204.5	1,302.6	1,528.5	1,575.1
Professional . . . . .	6,340.1	5,857.7	6,104.3	6,294.9	6,600.5	6,864.6
Hardback . . . . .	4,621.9	4,264.3	4,334.1	4,469.8	4,601.7	4,777.2
Paperback . . . . .	1,718.2	1,593.4	1,770.2	1,825.1	1,998.8	2,087.4
University press . . . . .	541.4	533.3	533.8	539.3	547.1	567.7
Hardback . . . . .	262.8	258.2	262.3	263.6	267.4	275.9
Paperback . . . . .	278.6	275.1	271.5	275.7	279.7	291.8
Elhi text . . . . .	4,373.3	4,714.1	4,496.9	4,568.0	4,585.5	5,272.9
Hardback . . . . .	2,382.6	2,564.5	2,445.2	2,280.6	2,289.6	2,610.5
Paperback . . . . .	1,990.7	2,149.6	2,051.7	2,287.4	2,295.9	2,662.4
College text . . . . .	4,265.2	4,570.7	4,899.1	5,085.9	5,478.6	5,703.2
Hardback . . . . .	2,851.0	3,085.1	3,287.3	3,408.2	3,671.2	3,821.7
Paperback . . . . .	1,414.2	1,485.6	1,611.8	1,677.7	1,807.4	1,881.5
Subscription reference . . . . .	986.1	998.7	1,019.9	1,045.4	1,064.9	1,093.9

Source: Book Industry Study Group, Inc., New York, NY, *Book Industry Trends, 2005*, annual (copyright).

**Table 1127. Book Publishers—Estimated Revenue and Inventories: 2001 to 2003**

[In millions of dollars (26,096 represents \$26,096,000,000), except percent. For taxable and tax-exempt employer firms. For NAICS 51113. Estimates have been adjusted to the results of the 1997 Economic Census. Based on the North American Industry Classification. System, 1997; see text, this section and Section 15. See also Appendix III. Minus sign (-) indicates decrease]

Item				Percent change, 2001-02	Percent change, 2002-03
	2001	2002	2003		
<b>Revenue, total</b> . . . . .	<b>26,096</b>	<b>27,203</b>	<b>26,326</b>	<b>4.2</b>	<b>-3.2</b>
Books, print, total . . . . .	21,211	22,436	21,822	5.8	-2.7
Books, internet, total . . . . .	1,499	1,404	1,454	-6.3	3.5
Books, other media, total . . . . .	819	992	816	21.2	-17.8
Sale or licensing of rights to content . . . . .	298	274	230	-7.9	-16.2
Contract printing services . . . . .	186	235	(S)	26.4	(S)
Fulfillment services . . . . .	141	144	150	2.3	4.0
Rental or sale of mailing lists . . . . .	(S)	7	(S)	(S)	(S)
Publishing services for others . . . . .	37	52	58	39.3	11.4
Other services revenue . . . . .	1,896	1,657	1,561	-12.6	-5.8
<b>Inventories at end of year</b> . . . . .	<b>4,092</b>	<b>4,325</b>	<b>4,220</b>	<b>5.7</b>	<b>-2.4</b>
Finished goods and work-in-process . . . . .	3,936	4,154	4,076	5.5	-1.9
Materials, supplies, fuel, etc. . . . .	156	171	145	9.8	-15.2

S Data do not meet publication standards.

Source: U.S. Census Bureau, "Service Annual Survey: 2003", SAS/03. See <<http://www.census.gov/econ/www/servmenu.html>> (released December 2004)

**Table 1128. Book Purchasing for Adults: 2000 and 2004**

[In percent. Excludes all books purchased for children under age 14. Based on an ongoing survey of 16,000 households conducted over 12 months ending in December of year shown. For details, see source]

Characteristic	Total		Mass market <sup>1</sup>		Trade <sup>2</sup>		Hardcover		Audio, 2004 <sup>3</sup>
	2000	2004	2000	2004	2000	2004	2000	2004	
<b>Total</b> . . . . .	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>
Age of purchaser:									
Under 25 years old . . . . .	5.0	5.1	4.4	3.2	6.3	8.4	4.6	5.2	6.4
25 to 34 years old . . . . .	13.7	11.0	10.9	7.7	17.9	16.0	14.6	11.2	10.6
35 to 44 years old . . . . .	19.4	17.4	15.4	15.7	24.5	20.4	22.0	17.4	17.9
45 to 54 years old . . . . .	24.2	22.8	23.4	20.4	24.8	23.7	26.3	24.7	24.1
55 to 64 years old . . . . .	17.2	21.0	20.2	23.6	14.1	18.1	15.0	20.5	17.0
65 years old and over . . . . .	20.5	22.8	25.8	29.4	12.6	13.5	17.6	21.1	24.0
Education of household head:									
Not a high school graduate . . . . .	12.0	12.5	11.6	15.2	7.8	8.1	12.5	11.2	5.9
High school graduate . . . . .	54.3	54.5	61.4	59.8	46.9	48.0	49.0	52.8	46.9
College graduate . . . . .	17.2	17.0	15.6	14.8	21.4	20.8	18.3	17.2	28.9
Post college . . . . .	16.5	16.0	11.4	10.2	23.9	23.1	20.2	18.8	18.3
Household income:									
Under \$30,000 . . . . .	34.7	32.6	37.9	36.4	27.3	29.7	29.4	27.2	32.3
\$30,000 to 49,999 . . . . .	20.3	20.0	21.0	19.3	21.2	19.6	20.1	21.6	13.1
\$50,000 to 74,999 . . . . .	16.8	17.8	16.5	16.9	18.1	18.6	18.2	18.4	28.1
\$75,000 and over . . . . .	28.2	29.6	24.6	27.4	33.4	32.1	32.3	32.8	26.5
Household size:									
One member . . . . .	28.8	30.5	29.6	29.6	27.2	30.8	27.9	30.4	43.0
Two members . . . . .	41.1	42.1	39.7	44.7	41.7	38.7	42.8	42.6	32.7
Three or more members . . . . .	30.2	27.5	30.7	25.6	31.2	30.6	29.3	27.0	24.4
Age of intended reader:									
Under 25 years old . . . . .	7.5	7.4	5.3	4.2	11.5	13.0	6.9	7.5	7.1
25 to 34 years old . . . . .	14.0	11.3	11.1	7.9	18.1	16.9	15.5	11.4	11.0
35 to 44 years old . . . . .	18.9	16.8	15.1	15.0	22.7	19.5	22.0	17.1	18.4
45 to 54 years old . . . . .	23.4	21.9	23.2	20.6	23.4	21.1	24.9	23.7	24.2
55 to 64 years old . . . . .	16.4	20.4	19.5	23.2	12.6	16.8	14.2	20.1	15.0
65 years old and over . . . . .	19.9	22.3	25.8	29.2	11.6	12.8	16.5	20.3	24.2
Category of book:									
Popular fiction . . . . .	51.3	53.7	94.8	89.0	21.6	23.5	33.6	39.9	42.2
General nonfiction . . . . .	5.3	6.9	1.8	2.3	9.6	11.0	9.2	11.2	11.8
Cooking/crafts . . . . .	6.4	5.2	0.1	0.1	15.6	12.7	11.4	7.6	1.8
Other . . . . .	37.0	34.2	3.3	8.6	53.2	52.8	45.7	41.3	44.2
Where purchased (channel):									
Book stores <sup>4</sup> . . . . .	30.8	35.2	29.6	31.1	43.9	45.7	26.1	33.6	28.8
Mass merchandisers . . . . .	9.4	7.9	17.3	14.5	4.5	3.9	3.3	2.8	8.0
Book clubs . . . . .	19.9	18.8	19.9	22.1	8.2	8.1	29.1	23.4	8.0
Online retailer/Internet . . . . .	6.8	10.5	3.9	4.2	10.5	15.5	9.4	15.1	9.0
Other <sup>5</sup> . . . . .	33.1	27.6	29.3	28.1	33.0	26.9	32.1	25.1	46.2

<sup>1</sup> NA Not available. <sup>2</sup> "Pocket size" books sold primarily through magazine and news outlets, supermarkets, variety stores, etc. <sup>3</sup> All paperback books, except mass market. <sup>4</sup> Audio and digital books were added to questionnaire in January 2001. Sample size for digital book purchasing (i.e. e-Books) was too small to show detailed breaks. <sup>5</sup> Includes independent, chain and used bookstores. <sup>6</sup> Includes mail order, price clubs, discount stores, food/drug stores, multimedia, and other outlets.

Source: Ipsos-NPD, Inc., Chicago IL., Ipsos BookTrends, a service mark of Ipsos-NPD, Inc. (copyright).



**Table 1129. Software Publishers—Estimated Revenue and Inventories: 2001 to 2003**

[In millions of dollars (90,591 represents \$90,591,000,000). For taxable and tax-exempt employer firms. Covers NAICS 5112. Estimates have been adjusted to the results of the 1997 Economic Census. Based on the North American Industry Classification System, 1997; see text this section, and Section 15]

Item	2001	2002	2003	Percent change, 2001-02	Percent change, 2002-03
<b>Revenue</b> <sup>1</sup>	<b>90,591</b>	<b>88,846</b>	<b>89,889</b>	<b>-1.9</b>	<b>1.2</b>
Source of revenue:					
System software publishing, total	31,842	31,459	31,497	-1.2	0.1
Operating system software	9,217	10,010	10,390	8.6	3.8
Network software	7,543	7,963	8,493	5.6	6.6
Database management software	9,929	8,602	8,077	-13.4	-6.1
Development tools and programming languages software	3,717	3,535	3,233	-4.9	-8.5
Other systems software	1,437	1,348	1,305	-6.1	-3.2
Application software publishing, total	37,297	37,473	38,492	0.5	2.7
General business productivity and home use applications	16,980	17,940	19,113	5.7	6.5
Cross-industry application software	11,580	10,643	10,561	-8.1	-0.8
Vertical market application software	7,414	7,717	7,699	4.1	-0.2
Utilities software	943	850	845	-9.9	-0.6
Other application software	380	323	274	-15.0	-15.1
Customization and integration of packaged software	4,045	4,029	3,357	-0.4	-16.7
Information technology consulting services	5,847	5,004	4,743	-14.4	-5.2
Information technology-related training services	1,245	1,173	885	-5.8	-24.5
Other services revenue	7,667	7,459	8,768	-2.7	17.5
Breakdown of revenue:					
System software <sup>1</sup>	31,842	31,459	31,497	-1.2	0.1
Personal computer software	5,759	6,767	7,357	17.5	8.7
Enterprise software	17,931	16,504	16,456	-8.0	-0.3
Mainframe computer software	8,153	7,798	7,300	-4.4	-6.4
Application software <sup>1</sup>	37,297	37,473	38,492	0.5	2.7
Personal computer software	12,218	13,116	14,270	7.4	8.8
Enterprise software	23,362	22,457	21,403	-3.9	-4.7
Mainframe computer software	1,717	(S)	(S)	(S)	(S)
<b>Inventories at end of year</b>	<b>1,671</b>	<b>2,072</b>	<b>1,811</b>	<b>24.0</b>	<b>-12.6</b>
Finished goods and work-in-process	1,310	1,691	1,417	29.1	-16.2
Materials, supplies, fuel, etc.	361	381	394	5.5	3.4

S Data do not meet publication standards. <sup>1</sup> Includes other sources and types of revenue, not shown separately.

Source: U.S. Census Bureau, "Service Annual Survey: 2003", SAS/03. See <<http://www.census.gov/econ/www/servmenu.html>>. (released December 2004)

**Table 1130. Motion Picture and Sound Recording Industries—Estimated Revenue and Inventories: 1998 to 2003**

[In millions of dollars (59,404 represents \$59,404,000,000), except percent. For taxable and tax-exempt employer firms. Except where indicated, estimates have been adjusted to results of the 1997 Economic Census. Based on the North American Industry Classification System, 1997; see text, this section, and Section 15]

Item	1998	1999	2000	2001	2002	2003
Motion picture and recording industries (NAICS 512):						
<b>Operating revenue</b>	<b>59,404</b>	<b>64,023</b>	<b>67,745</b>	<b>69,152</b>	<b>74,020</b>	<b>77,901</b>
Total inventories	13,853	14,837	15,270	15,266	16,145	18,627
Finished goods and work-in-process	13,686	14,656	15,062	15,041	15,943	18,437
Materials, supplies, fuel, etc.	168	181	208	225	202	190
Motion picture and video (NAICS 5121):						
Operating revenue	48,002	51,448	54,040	55,937	60,486	64,096
Total inventories	13,536	14,531	14,912	14,874	15,731	18,225
Finished goods and work-in-process	13,420	14,408	14,777	14,729	15,603	18,117
Materials, supplies, fuel, etc.	117	123	135	(S)	(S)	107
Sound recording (NAICS 5122): <sup>1</sup>						
Operating revenue	11,403	12,575	13,705	13,215	13,535	13,804
Total inventories	317	306	359	393	414	402
Finished goods and work-in-process	266	248	286	313	340	320
Materials, supplies, fuel, etc.	51	58	73	80	74	82

S Data do not meet publication standards. <sup>1</sup> Estimates not adjusted to the results of the 1997 Economic Census.

Source: U.S. Census Bureau, "Service Annual Survey: 2003", SAS/03. See <<http://www.census.gov/econ/www/servmenu.html>>. (released December 2004)

**Table 1131. Recording Media—Manufacturers' Shipments and Value: 1990 to 2004**

[865.7 represents 865,700,000. Based on reports of RIAA member companies who distributed about 84 percent of the prerecorded music in 2004. These data are supplemented by other sources. Minus sign (-) indicates returns greater than shipments]

Medium	1990	1995	1999	2000	2001	2002	2003	2004
<b>UNIT SHIPMENTS<sup>1</sup> (mil.)</b>								
<b>Total<sup>2</sup></b>	<b>865.7</b>	<b>1,112.7</b>	<b>1,160.6</b>	<b>1,079.2</b>	<b>968.5</b>	<b>859.7</b>	<b>798.4</b>	<b>814.1</b>
CDs	286.5	722.9	938.9	942.5	881.9	803.3	745.9	766.9
CD singles	1.1	21.5	55.9	34.2	17.3	4.5	8.3	3.1
Cassettes	442.2	272.6	123.6	76.0	45.0	31.1	17.2	5.2
Cassette singles	87.4	70.7	14.2	1.3	-1.5	-0.5	(NA)	(NA)
Albums—LPs and EPs	11.7	2.2	2.9	2.2	2.3	1.7	1.5	1.3
Vinyl singles	27.6	10.2	5.3	4.8	5.5	4.4	3.8	3.5
Music video	9.2	12.6	19.8	18.2	17.7	14.7	19.9	32.7
DVD video	(X)	(X)	2.5	3.3	7.9	10.7	17.5	29.0
DVD audio	(X)	(X)	(X)	(X)	0.3	0.4	0.4	0.35
<b>VALUE (mil. dol.)</b>								
<b>Total<sup>2</sup></b>	<b>7,541.1</b>	<b>12,320.3</b>	<b>14,584.7</b>	<b>14,323.7</b>	<b>13,740.9</b>	<b>12,614.2</b>	<b>11,854.4</b>	<b>12,154.7</b>
CDs	3,451.6	9,377.4	12,816.3	13,214.5	12,909.4	12,044.1	11,232.9	11,446.5
CD singles	6.0	110.9	222.4	142.7	79.4	19.6	35.9	14.9
Cassettes	3,472.4	2,303.6	1,061.6	626.0	363.4	209.8	108.1	23.6
Cassette singles	257.9	236.3	48.0	4.6	-5.3	-1.6	(NA)	(NA)
Albums—LPs and EPs	86.5	25.1	31.8	27.7	27.4	20.5	21.7	19.2
Vinyl singles	94.4	46.7	27.9	26.3	31.4	24.9	21.5	19.8
Music video	172.3	220.3	376.7	281.9	329.2	288.4	399.9	607.2
DVD video	(X)	(X)	66.3	80.3	190.7	236.3	369.6	561.1
DVD audio	(X)	(X)	(X)	(X)	6.0	8.5	8.0	6.4

X Not applicable. <sup>1</sup> Net units, after returns. <sup>2</sup> Includes discontinued media. Beginning 2003 includes super audio compact disks (SACD), not shown separately.

Source: Recording Industry Association of America, Washington, DC, 2004 Year End Statistics and earlier issues (copyright). See Internet site <<http://www.riaa.com>> (accessed 20 May 2005).

**Table 1132. Profile of Consumer Expenditures for Sound Recordings—Percent Distribution: 1990 to 2003**

[In percent. Based on monthly telephone surveys of the population 10 years old and over]

Item	1990	1995	1998	1999	2000	2001	2002	2003
<b>Total<sup>1</sup></b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>
Age: 10 to 14 years	7.6	8.0	9.1	8.5	8.9	8.5	8.9	8.6
15 to 19 years	18.3	17.1	15.8	12.6	12.9	13.0	13.3	11.4
20 to 24 years	16.5	15.3	12.2	12.6	12.5	12.2	11.5	10.0
25 to 29 years	14.6	12.3	11.4	10.5	10.6	10.9	9.4	10.9
30 to 34 years	13.2	12.1	11.4	10.1	9.8	10.3	10.8	10.1
35 to 39 years	10.2	10.8	12.6	10.4	10.6	10.2	9.8	11.2
40 to 44 years	7.8	7.5	8.3	9.3	9.6	10.3	9.9	10.0
45 years and over	11.1	16.1	18.1	24.7	23.8	23.7	25.5	26.6
Sex: Male	54.4	53.0	48.7	50.3	50.6	48.8	49.4	49.1
Female	45.6	47.0	51.3	49.7	49.4	51.2	50.6	50.9
Sales outlet:								
Record store	69.8	52.0	50.8	44.5	42.4	42.5	36.8	33.2
Other store	18.5	28.2	34.4	38.3	40.8	42.4	50.7	52.8
Tape/record club	8.9	14.3	9.0	7.9	7.6	6.1	4.0	4.1
Ad or 800 number	2.5	4.0	2.9	2.5	2.4	3.0	2.0	1.5
Internet <sup>2</sup>	(NA)	(NA)	1.1	2.4	3.2	2.9	3.4	5.0
Music type: <sup>3</sup>								
Rock	36.1	33.5	25.7	25.2	24.8	24.4	24.7	25.2
Rap/Hip Hop	8.5	6.7	9.7	10.8	12.9	11.4	13.8	13.3
R&B/Urban	11.6	11.3	12.8	10.5	9.7	10.6	11.2	10.6
Country	9.6	16.7	14.1	10.8	10.7	10.5	10.7	10.4
Pop	13.7	10.1	10.0	10.3	11.0	12.1	9.0	8.9
Religious	2.5	3.1	6.3	5.1	4.8	6.7	6.7	5.8
Classical	3.1	2.9	3.3	3.5	2.7	3.2	3.1	3.0
Jazz	4.8	3.0	1.9	3.0	2.9	3.4	3.2	2.9
Soundtracks	0.8	0.9	1.7	0.8	0.7	1.4	1.1	1.4
Oldies	0.8	1.0	0.7	0.7	0.9	0.8	0.9	1.3
New age	1.1	0.7	0.6	0.5	0.5	1.0	0.5	0.5
Children's	0.5	0.5	0.4	0.4	0.6	0.5	0.4	0.6
Other	5.6	7.0	7.9	9.1	8.3	7.9	8.1	7.6
Media type: CDs	31.1	65.0	74.8	83.2	89.3	89.2	90.5	87.8
Cassettes	54.7	25.1	14.8	8.0	4.9	3.4	2.4	2.2
Singles (all types)	8.7	7.5	6.8	5.4	2.5	2.4	1.9	2.4
Music video <sup>4</sup>	(NA)	0.9	1.0	0.9	0.8	1.1	0.7	0.6
DVD audio	(NA)	(NA)	(NA)	(NA)	(NA)	1.1	1.3	2.7
Digital download	(NA)	(NA)	(NA)	(NA)	(NA)	0.2	0.5	1.3
SACD <sup>5</sup>	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	0.5
Vinyl LPs	4.7	0.5	0.7	0.5	0.5	0.6	0.7	0.5

NA Not available. <sup>1</sup> Percent distributions exclude nonresponses and responses of "Don't know." <sup>2</sup> Excludes record club purchases over the Internet. <sup>3</sup> As classified by respondent. <sup>4</sup> Beginning 2001 includes video DVDs. <sup>5</sup> Super audio compact disks.

Source: Recording Industry Association of America, Washington, DC, 2004 Year End Statistics and earlier issues (copyright). See Internet site <<http://www.riaa.com>> (accessed 20 May 2005).

**Table 1133. Radio and Television Broadcasting—Estimated Revenue and Expenses: 2001 to 2003**

[In millions of dollars (47,840 represents \$47,840,000,000). For taxable and tax-exempt employer firms. Estimates have been adjusted to the results of the 1997 Economic Census. Based on the North American Industry Classification System, 1997; see text, this section, and Section 15]

Item	Total (NAICS 5131)			Radio broadcasting (NAICS 51311)			TV broadcasting (NAICS 51312)		
	2001	2002	2003	2001	2002	2003	2001	2002	2003
<b>Operating revenue</b>	<b>47,840</b>	<b>51,822</b>	<b>51,904</b>	<b>13,740</b>	<b>14,774</b>	<b>14,967</b>	<b>34,100</b>	<b>37,048</b>	<b>36,937</b>
Station time sales	28,820	31,197	31,273	11,489	12,120	12,041	17,331	19,077	19,232
Network compensation	514	486	468	91	97	90	424	390	378
National/regional advertising	9,502	10,729	10,415	2,538	2,807	2,722	6,964	7,922	7,692
Local advertising revenue	18,803	19,982	20,391	8,861	9,217	9,229	9,943	10,766	11,163
Network time sales	14,322	15,655	15,653	935	1,122	1,156	13,387	14,534	14,497
Program rights	177	272	251	171	259	241	(S)	(S)	(S)
Production and post-production services	(S)	66	90	(S)	(S)	(S)	(S)	(S)	(S)
Public and non-commercial programming rights	2,126	2,035	2,145	(S)	(S)	(S)	1,604	1,479	1,534
Other operating services revenue	2,339	2,597	2,492	619	695	911	1,720	1,901	1,581
<b>Operating Expenses</b> <sup>1</sup>	<b>39,714</b>	<b>40,724</b>	<b>40,667</b>	<b>11,242</b>	<b>11,256</b>	<b>11,437</b>	<b>28,472</b>	<b>29,468</b>	<b>29,229</b>
Annual payroll	11,242	11,824	12,178	4,476	4,564	4,531	6,766	7,261	7,647
Employer contributions to employee benefit plans	1,541	1,475	1,594	566	582	558	975	893	1,037
Contract labor	(NA)	313	293	(NA)	208	194	(NA)	105	99
Total materials and supplies	(NA)	(NA)	423	(NA)	(NA)	152	(NA)	(NA)	271
Total purchased services	(NA)	(NA)	5,954	(NA)	(NA)	2,696	(NA)	(NA)	3,258
Data processing and other computer services	(NA)	(NA)	120	(NA)	(NA)	11	(NA)	(NA)	109
Communication services	(NA)	350	397	(NA)	156	174	(NA)	194	223
Advertising and promotional services	1,445	1,559	1,824	523	624	767	923	934	1,058
Electricity	(NA)	300	335	(NA)	127	134	(NA)	173	202
Professional services <sup>2</sup>	(NA)	(NA)	592	(NA)	(NA)	251	(NA)	(NA)	342
Lease and rental payments	787	871	787	386	354	357	401	517	430
Broadcast rights and music license fees	11,898	12,750	12,141	728	657	704	11,170	12,092	11,436
Depreciation	4,048	2,855	2,761	1,572	904	1,020	2,475	1,951	1,741
Taxes and license fees	(NA)	694	766	(NA)	461	489	(NA)	233	277
Other	7,852	6,531	4,557	2,623	2,136	1,093	5,229	4,395	3,464

NA Not available. S Does not meet publication standards. <sup>1</sup> Includes other expenses, not shown separately. <sup>2</sup> Management consulting, administrative, and other.

Source: U.S. Census Bureau, "Service Annual Survey: 2003", SAS/03. See <<http://www.census.gov/econ/www/servmenu.html>> (released December 2004).

**Table 1134. Cable and Pay TV—Summary: 1975 to 2004**

[9,800 represents 9,800,000. Cable TV for calendar year. Pay TV as of December 31 of year shown]

Year	Cable TV				Pay TV					
	Avg. basic subscribers (1,000)	Avg. monthly basic rate (dol.)	Revenue <sup>1</sup> (mil. dol.)		Units <sup>2</sup> (1,000)			Monthly rate (dol.)		
			Total	Basic	Total pay <sup>3</sup>	Pay cable	Noncable delivered premium	All-pay weighted average <sup>3</sup>	Pay cable	Noncable delivered premium
1975	9,800	6.50	804	764	194	194	(NA)	(NA)	7.85	(NA)
1980	17,500	7.69	2,609	1,615	8,581	7,336	(NA)	8.91	8.62	(NA)
1985	35,440	9.73	8,831	4,138	29,885	29,418	(NA)	10.29	10.25	(NA)
1990	50,520	16.78	17,582	10,174	39,902	39,751	(NA)	10.35	10.30	(NA)
1991	52,570	18.10	19,426	11,418	39,983	36,569	(NA)	10.35	10.27	(NA)
1992	54,300	19.08	21,079	12,433	40,893	36,879	(NA)	10.29	10.17	(NA)
1993	56,200	19.39	22,809	13,528	42,010	37,113	(NA)	9.27	9.11	(NA)
1994	58,373	21.62	21,531	15,144	47,478	42,528	4,950	8.19	8.33	6.99
1995	60,550	23.07	24,137	16,763	55,723	46,798	8,925	8.29	8.54	6.99
1996	62,300	24.41	26,195	18,249	63,705	49,728	13,977	7.98	8.12	7.50
1997	63,600	26.48	28,931	20,213	72,785	51,933	20,852	8.31	8.43	8.00
1998	64,650	27.81	31,191	21,574	80,605	55,280	25,325	8.58	8.74	8.22
1999	65,500	28.92	34,095	22,732	88,455	59,005	29,450	8.73	8.85	8.50
2000	66,250	30.37	37,070	24,142	102,590	65,918	36,672	8.69	8.81	8.48
2001	66,732	32.87	42,577	26,324	115,325	75,433	39,892	8.95	9.10	8.66
2002	66,472	34.71	48,733	27,690	118,575	77,292	41,283	9.19	9.29	9.00
2003	66,050	36.59	54,285	29,000	119,927	78,939	40,988	9.37	9.45	9.23
2004 est.	65,853	38.23	59,846	30,214	122,248	80,753	41,495	10.03	10.11	9.88

NA Not available. <sup>1</sup> Includes installation revenue, subscriber revenue, and nonsubscriber revenue; excludes telephony and high-speed access. <sup>2</sup> Individual program services sold to subscribers. <sup>3</sup> Includes multipoint distribution service (MDS), satellite TV (STV), multipoint multichannel distribution service (MMDS), satellite master antenna TV (SMATV), C-band satellite, and DBS satellite. Includes average pay unit price based on data for major premium pay movie services. <sup>4</sup> Weighted average representing 8 months of unregulated basic rate and 4 months of FCC rolled-back rate.

Source: Kagan Research LLC. From the *Broadband Cable Financial Databook 2003, 2004* (copyright); *The Pay TV Newsletter*, June 28, 2002, July 31, 2002; and *Cable Program Investor*, Dec. 23, 2003, December 16, 2004, and various other publications.

**Table 1135. Cable Networks and Program Distribution Services—Estimated Revenue and Expenses: 2001 to 2003**

[In millions of dollars (74,420 represents \$74,420,000,000). For taxable and tax-exempt employer firms. Covers NAICS 5132. Estimates have been adjusted to the results of the 1997 Economic Census. Based on the North American Industry Classification System; see text, this section, and Section 15. Minus sign (-) indicates decrease]

Item	2001			2002			2003			Percent change, 2001-02		Percent change, 2002-03	
<b>Operating revenue</b> <sup>1</sup>	<b>74,420</b>	<b>80,536</b>	<b>90,456</b>	<b>8.2</b>	<b>12.3</b>								
Air time (advertising)	12,225	12,835	14,269	5.0	11.2								
Specialty programming service	12,466	14,087	15,635	13.0	11.0								
Basic programming service	32,148	34,340	37,626	6.8	9.6								
Premium cable programming packages	5,215	5,353	5,022	2.6	-6.2								
Pay-per-view service	1,927	2,133	2,352	10.7	10.3								
Program distribution equipment sales and rentals	1,779	1,775	1,907	-0.2	7.4								
Other program distribution related services	2,350	2,303	2,338	-2.0	1.5								
Internet access services	2,314	3,664	6,561	58.4	79.0								
Basic fixed local telephony	844	873	1,418	3.4	62.5								
<b>Operating expenses</b> <sup>1</sup>	<b>70,821</b>	<b>69,677</b>	<b>74,586</b>	<b>-1.6</b>	<b>7.0</b>								
Annual payroll	10,640	10,705	11,354	0.6	6.1								
Employer contributions to employee benefit plans	2,019	1,897	2,243	-6.1	18.3								
Contract labor	(NA)	958	1,406	(NA)	46.8								
Total materials and supplies	(NA)	(NA)	702	(NA)	(NA)								
Total purchased services <sup>1</sup>	(NA)	(NA)	7,311	(NA)	(NA)								
Communication services	(NA)	607	867	(NA)	42.9								
Advertising and promotional services	2,319	2,703	2,886	16.6	6.8								
Electricity	(NA)	340	340	(NA)	0.1								
Professional services <sup>2</sup>	(NA)	(NA)	649	(NA)	(NA)								
Lease and rental payments	1,058	974	1,119	-7.9	14.9								
Program and production costs	22,177	24,430	27,957	10.2	14.4								
Depreciation	16,869	12,726	14,149	-24.6	11.2								
Taxes and license fees	(NA)	878	1,076	(NA)	22.5								
Other	14,062	11,380	8,389	-19.1	-26.3								

NA Not available. <sup>1</sup> Includes other revenues and expenses, not shown separately. <sup>2</sup> Management consulting, administration, and other.

Source: U.S. Census Bureau, "Service Annual Survey: 2003", SAS/03. See <<http://www.census.gov/econ/www/servmenu.html>> (released December 2004).

**Table 1136. Telecommunications—Estimated Revenue and Expenses: 2001 to 2003**

[In millions of dollars (363,151 represents \$363,151,000,000), except percent. For taxable and tax-exempt employer firms. Except for NAICS 51332, wireless telecommunications carriers (except satellite), estimates have been adjusted to the results of the 1997 Economic Census. Based on the North American Industry Classification System, 1997; see text, this section, and Section 15. See Table 1137 for cellular and other wireless telecommunications carriers, NAICS 513322]

Item	Telecommunications (NAICS 5133)			Wired telecommunications carriers (NAICS 51331)		
	2001	2002	2003	2001	2002	2003
<b>Operating revenue</b>	<b>363,151</b>	<b>350,137</b>	<b>348,030</b>	<b>260,122</b>	<b>237,376</b>	<b>222,563</b>
Fixed total <sup>1</sup>	185,214	168,854	153,980	175,627	159,711	145,465
Fixed local	85,692	81,501	75,611	84,370	80,011	74,134
Basic service	70,258	67,680	62,774	69,052	66,360	61,460
Fixed long-distance	75,078	64,204	56,392	71,025	60,753	53,102
Outbound service	64,475	55,035	48,983	61,219	52,224	46,102
Dedicated network services	11,342	10,956	10,001	8,107	7,883	7,245
Data transmission services	7,970	7,911	7,677	7,196	7,155	6,932
Mobile total	74,824	85,659	94,981	(S)	(S)	(S)
Mobile telephony services	69,446	81,426	91,235	(X)	(X)	(X)
Local access and use	49,963	59,887	69,633	(X)	(X)	(X)
Carrier services	61,190	58,423	57,380	54,755	53,547	52,166
Network access	52,835	52,153	51,176	50,171	49,334	47,723
Other telecommunications services	10,494	10,649	11,752	5,918	4,752	4,418
Other services revenue	31,429	26,552	29,939	(S)	(S)	19,142
<b>Operating expenses</b>	<b>331,185</b>	<b>303,046</b>	<b>302,264</b>	<b>235,258</b>	<b>202,764</b>	<b>196,783</b>
Annual payroll	66,373	56,317	57,876	50,931	42,640	42,804
Employer contributions to Social Security and other supplemental benefits	15,459	15,649	17,170	12,473	12,909	13,802
Contract labor	(NA)	4,011	4,466	(NA)	2,118	2,382
Total materials and supplies	(NA)	(NA)	6,462	(NA)	(NA)	4,828
Total purchased services <sup>1</sup>	(NA)	(NA)	43,500	(NA)	(NA)	25,966
Communication services	(NA)	7,523	6,345	(NA)	5,593	4,236
Advertising and promotional services	8,827	8,194	8,510	4,357	3,401	3,270
Professional services <sup>2</sup>	(NA)	(NA)	6,110	(NA)	(NA)	4,409
Lease and rental payments	8,986	9,193	8,887	4,893	4,674	3,875
Access charges	40,641	37,568	38,235	31,410	28,872	29,715
Depreciation	73,846	62,084	64,397	52,661	43,396	42,520
Universal service contributions and other similar charges	4,017	3,510	3,434	3,274	2,825	2,543
Taxes and license fees	(NA)	6,229	6,966	(NA)	5,395	6,019
Other	91,435	70,910	59,757	58,363	(S)	26,205

NA Not available. S Does not meet publication standards. X Not applicable. <sup>1</sup> Includes other revenue sources and expenses, not shown separately. <sup>2</sup> Includes management consulting, administration, and other professional services.

Source: U.S. Census Bureau, "Service Annual Survey: 2003", SAS/03. See <<http://www.census.gov/econ/www/servmenu.html>> (released December 2004)

**Table 1137. Cellular and Other Wireless Telecommunications Carriers—  
Estimated Revenue and Expenses: 2001 to 2003**

[In millions of dollars (78,239 represents \$78,239,000,000). For taxable and tax-exempt employer firms. For NAICS 513322. Estimates have been adjusted to the results of the 1997 Economic Census. Based on the North American Industry Classification System, 1997; see text, this section and Section 15. See Table 1136 for telecommunications total and wired carriers (NAICS 5133 and 51331). Minus sign (-) indicates decrease]

Item				Percent change, 2001-02	Percent change, 2002-03
	2001	2002	2003		
<b>Operating revenue</b>	<b>78,239</b>	<b>91,521</b>	<b>104,228</b>	<b>17.0</b>	<b>13.9</b>
Mobile total	67,819	79,526	89,898	17.3	13.0
Mobile telephony services <sup>1</sup>	67,224	78,995	89,368	17.5	13.1
Local access and use	49,632	59,246	69,050	19.4	16.5
Mobile long distance	4,861	5,758	5,122	18.5	-11.0
Mobile all distance	8,219	9,631	10,238	17.2	6.3
Messaging services	418	333	366	-20.3	9.8
Mobile dispatch services	178	198	(S)	11.8	(S)
Carrier services	2,719	2,596	2,289	-4.5	-11.8
Network access	1,090	1,135	1,265	4.1	11.5
Other telecommunications services	2,385	3,015	3,688	26.4	22.3
Other services revenue	5,316	6,384	8,353	20.1	30.8
<b>Operating expenses</b>	<b>71,665</b>	<b>82,140</b>	<b>87,243</b>	<b>14.6</b>	<b>6.2</b>
Annual payroll	10,585	9,898	11,377	-6.5	14.9
Employer contributions to social security and other supplemental benefits	2,043	2,226	2,786	9.0	25.2
Contract labor	(NA)	1,640	1,728	(NA)	5.4
Total materials and supplies	(NA)	(NA)	1,372	(NA)	(NA)
Total purchased services <sup>1</sup>	(NA)	(NA)	13,832	(NA)	(NA)
Data processing and other computer services	(NA)	(NA)	404	(NA)	(NA)
Communication services	(NA)	1,265	1,408	(NA)	11.3
Advertising and promotional services	4,078	4,482	4,934	9.9	10.1
Electricity	(NA)	233	262	(NA)	12.5
Professional services <sup>2</sup>	(NA)	(NA)	1,135	(NA)	(NA)
Lease and rental payments	2,974	3,387	4,011	13.9	18.4
Access charges	6,544	6,223	6,455	-4.9	3.7
Depreciation	15,871	15,397	18,357	-3.0	19.2
Universal service contributions and other similar charges	617	584	797	-5.4	36.4
Taxes and license fees	(NA)	646	729	(NA)	12.9
Other	26,300	30,218	29,809	14.9	-1.4

NA Not available. S Data do not meet publication standards. <sup>1</sup> Includes other revenue source and expenses, not shown separately. <sup>2</sup> Includes management consulting, administration, and other professional services.

Source: U.S. Census Bureau, "Service Annual Survey: 2003", SAS/03. See <<http://www.census.gov/econ/www/servmenu.html>> (released December 2004).

**Table 1138. Telecommunications Industry—Carriers and Revenue:  
1995 to 2003**

[Revenue in millions of dollars (190,076 represents \$190,076,000,000). Data based on carrier filings to the FCC. Because of reporting changes, data beginning 2000 are not strictly comparable with previous years; see source for details]

Category	Carriers					Telecommunications revenue				
	1995	2000	2001	2002 <sup>1</sup>	2003	1995	2000	2001	2002	2003
<b>Total<sup>2</sup></b>	<b>3,058</b>	<b>4,879</b>	<b>5,001</b>	<b>4,390</b>	<b>4,636</b>	<b>190,076</b>	<b>292,762</b>	<b>301,799</b>	<b>292,341</b>	<b>291,123</b>
Local service providers	1,675	2,641	2,755	2,531	2,681	103,792	128,075	133,502	130,941	126,860
Incumbent local exchange carriers (ILECs)	1,347	1,335	1,335	1,310	1,303	102,820	116,158	117,885	114,990	109,480
Pay telephone providers	271	699	751	606	605	349	972	836	641	523
Competitors of ILECs	57	607	669	615	773	623	10,945	14,781	15,310	16,857
CAPs and CLECs <sup>3</sup>	57	479	511	451	601	623	9,814	12,998	13,043	15,509
Local resellers	( <sup>4</sup> )	105	132	100	100	( <sup>4</sup> )	879	1,393	1,538	721
Other local exchange carriers	( <sup>4</sup> )	23	26	64	72	( <sup>4</sup> )	11	329	406	338
Private carriers	( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )	39	15	281	267
Shared tenant service providers	( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )	202	46	42	22
Wireless service providers <sup>5</sup>	930	1,430	1,306	927	939	18,627	63,280	74,596	80,467	89,342
Telephony <sup>6</sup>	792	783	670	422	413	17,208	59,823	71,887	78,568	88,168
Paging service providers	138	425	425	346	347	( <sup>4</sup> )	3,102	2,197	1,473	1,007
Toll service providers	453	808	940	932	1,026	76,447	101,407	93,702	80,934	74,920
Interexchange carriers	130	212	233	229	232	70,938	87,311	81,272	68,146	61,246
Operator service providers	25	20	19	18	17	500	635	611	554	567
Prepaid service providers	8	23	27	27	50	16	727	133	460	812
Satellite service carriers	( <sup>4</sup> )	25	34	33	40	( <sup>4</sup> )	336	373	406	663
Toll resellers	260	493	558	574	642	4,220	10,641	8,797	9,279	9,294
Other toll carriers	30	35	69	51	45	773	1,758	2,516	2,089	2,339

<sup>1</sup> Counts dropped in 2002 because many affiliated filers were allowed to file consolidated reports. <sup>2</sup> Revenue data include adjustments, not shown separately. For 1995, revenue data include some nontelecommunications revenue, formerly reported as local exchange wireless revenue. <sup>3</sup> Competitive access providers (CAPs) and competitive local exchange carriers (CLECs). <sup>4</sup> Data not available separately. <sup>5</sup> Beginning 2000, includes specialized mobile radio services and other services, not shown separately. <sup>6</sup> Cellular service, personal communications service, and specialized mobile radio.

Source: U.S. Federal Communications Commission, *Trends in Telephone Service*, annual.



**Table 1139. Telephone Systems—Summary: 1985 to 2003**

[112 represents 112,000,000. Covers principal carriers filing annual reports with Federal Communications Commission]

Item	Unit	1985	1990	1995	1998	1999	2000	2001 <sup>1</sup>	2002 <sup>1</sup>	2003 <sup>1</sup>
<b>LOCAL EXCHANGE CARRIERS<sup>2</sup></b>										
Carriers <sup>3</sup>	Number	55	51	53	52	52	52	30	29	28
Access lines	Millions	112	130	166	205	228	245	253	262	268
Business access lines	Millions	31	36	46	57	57	58	54	54	49
Residential access lines	Millions	79	89	101	110	115	115	112	103	99
Other access lines (public, mobile, special)	Millions	2	6	19	38	55	72	87	105	120
Number of local calls (originating)	Billions	365	402	484	544	554	537	515	459	425
Number of toll calls (originating)	Billions	(NA)	63	94	97	102	106	98	90	81
Gross book cost of plant	Bil. dol.	191	240	284	325	342	362	360	367	368
Depreciation and amortization reserves	Bil. dol.	49	89	127	163	176	190	194	210	222
Net plant	Bil. dol.	142	151	157	161	166	172	166	157	146
Total assets	Bil. dol.	162	180	197	200	204	214	208	195	182
Total stockholders' equity	Bil. dol.	63	74	72	70	67	72	66	58	47
Operating revenues	Bil. dol.	73	84	96	108	113	117	109	103	108
Local revenues	Bil. dol.	32	37	46	55	58	60	55	51	51
Operating expenses <sup>4</sup>	Bil. dol.	48	62	72	78	79	81	77	79	83
Net operating income <sup>5</sup>	Bil. dol.	13	14	14	18	20	20	19	23	9
Net income	Bil. dol.	9	11	11	12	13	15	11	8	4
Employees	(1,000)	(NA)	569	447	436	436	434	386	333	303
Compensation of employees	Bil. dol.	(NA)	23	21	23	24	24	23	23	23
Average monthly residential local telephone rate <sup>6</sup>	Dollars	(NA)	19.24	20.01	19.76	19.93	20.78	22.62	23.38	24.31
Average monthly single-line business telephone rate <sup>7</sup>	Dollars	(NA)	41.21	41.80	41.29	41.21	41.80	42.43	43.59	43.75
<b>LONG DISTANCE CARRIERS</b>										
Number of carriers with presubscribed lines	Number	(NA)	325	583	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Number of presubscribed lines	Millions	(NA)	132	153	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Total toll service revenues <sup>8</sup>	Bil. dol.	55	67	90	105	108	110	99	84	77
Interstate switched-access minutes	Bil. min.	167	307	432	519	553	567	538	486	444
<b>INTERNATIONAL TELEPHONE SERVICE<sup>8</sup></b>										
Number of U.S. billed calls	Millions	425	984	2,830	4,477	5,305	5,742	6,265	5,926	7,350
Number of U.S. billed minutes	Millions	3,446	8,030	15,889	24,250	28,515	30,135	33,287	35,063	42,664
U.S. billed revenues	Mil. dol.	3,487	8,059	14,335	17,261	19,801	19,909	11,380	9,773	8,944
U.S. carrier revenue net of settlements with foreign carriers	Mil. dol.	2,332	5,188	9,397	10,242	10,379	10,982	8,034	6,931	5,964
Revenue from private-line service	Mil. dol.	172	201	514	921	1,216	1,480	1,467	988	620
Revenue from resale service	Mil. dol.	(NA)	167	1,756	4,798	4,528	7,600	5,341	4,871	5,420

NA Not available. <sup>1</sup> Beginning 2001, detailed financial data only filed by regional Bell-operating companies. Access lines and calls reported by 50 reporting companies. <sup>2</sup> Gross operating revenues, gross plant, and total assets of reporting carriers estimated at more than 90 percent of total industry. New accounting rules became effective in 1990; prior years may not be directly comparable on a one-to-one basis. Includes Virgin Islands, and prior to 1995, Puerto Rico. <sup>3</sup> The reporting threshold for carriers is \$100 million in annual operating revenue. <sup>4</sup> Excludes taxes. <sup>5</sup> After tax deductions. <sup>6</sup> Based on surveys conducted by FCC. <sup>7</sup> Series revised to include all toll revenues: toll, wireless, ILECs, carriers (ILECs) and competitive local exchange carriers (CLECs). <sup>8</sup> Beginning 1995, data are for all U.S. points, and include calls to and from Alaska, Hawaii, Puerto Rico, Guam, the U.S. Virgin Islands, and offshore U.S. points. Beginning 1995, carriers first started reporting traffic to and from Canada and Mexico. Data for Canada and Mexico in prior years are staff estimates.

Source: U.S. Federal Communications Commission, *Statistics of Communications Common Carriers*, annual; *Trends in Telephone Service*, annual; and *Trends in the International Telecommunications Industry*, annual.

**Table 1140. Cellular Telecommunications Industry: 1990 to 2004**

[Calendar year data, except as noted (5,283 represents 5,283,000). Based on a survey mailed to all cellular, personal communications services, and enhanced special mobile radio (ESMR) systems. For 2003 data, the universe was 3,123 systems and the response rate was 87 percent; the 2004 system count is not yet available. The number of operational systems beginning 2000 differs from that reported for previous periods as a result of the consolidated operation of ESMR systems in a broader service area instead of by a city-to-city basis]

Item	Unit	1990	1995	1999	2000	2001	2002	2003	2004
Systems	Number	751	1,627	3,518	2,440	2,587	2,846	3,123	(NA)
Subscribers	1,000	5,283	33,786	86,047	109,478	128,375	140,766	158,722	182,140
Cell sites <sup>1</sup>	Number	5,616	22,663	81,698	104,288	127,540	139,338	162,986	175,725
Employees	Number	21,382	68,165	155,817	184,449	203,580	192,410	205,629	226,016
Service revenue	Mil. dol.	4,548	19,081	40,018	52,466	65,016	76,508	87,624	102,121
Roamer revenue <sup>2</sup>	Mil. dol.	456	2,542	4,085	3,883	3,936	3,896	3,766	4,210
Capital investment	Mil. dol.	6,282	24,080	71,265	89,624	105,030	126,922	145,867	173,794
Average monthly bill <sup>3</sup>	Dollars	80.90	51.00	41.24	45.27	47.37	48.40	49.91	50.64
Average length of call <sup>3</sup>	Minutes	2.20	2.15	2.38	2.56	2.74	2.73	2.87	3.05

NA Not available. <sup>1</sup> The basic geographic unit of a wireless PCS or cellular system. A city or county is divided into smaller "cells," each of which is equipped with a low-powered radio transmitter/receiver. The cells can vary in size depending upon terrain, capacity demands, etc. By controlling the transmission power, the radio frequencies assigned to one cell can be limited to the boundaries of that cell. When a wireless PCS or cellular phone moves from one cell toward another, a computer at the Switching Office monitors the movement and at the proper time, transfers or hands off the phone call to the new cell and another radio frequency. <sup>2</sup> Service revenue generated by subscribers' calls outside of their system areas. <sup>3</sup> As of December 31.

Source: Cellular Telecommunications & Internet Association, Washington, DC, *Semi-annual Wireless Survey* (copyright).

**Table 1141. Information Services and Data Processing Services—Estimated Revenue: 2001 to 2003**

[In millions of dollars (82,641 represents \$82,641,000,000), except percent. For taxable and tax-exempt employer firms. Estimates have been adjusted to results of the 1997 Economic Census. Based on the 1997 North American Industry Classification System; see text, this section, and Section 15]

Item				Percent change, 2001-02	Percent change, 2002-03
	2001	2002	2003		
<b>Total (NAICS 514)</b> . . . . .	<b>82,641</b>	<b>87,891</b>	<b>88,558</b>	<b>6.4</b>	<b>0.8</b>
News syndicates (NAICS 51411):					
Revenue . . . . .	1,960	1,917	1,947	-2.2	1.6
Fees from supplying information . . . . .	1,838	1,838	1,826	(Z)	-0.7
Other services revenue . . . . .	122	79	121	-35.4	54.3
Libraries and archives (NAICS 51412):					
Revenue . . . . .	1,116	1,212	1,243	8.6	2.6
Subsidies, contributions, gifts, and grants . . . . .	812	904	885	11.4	-2.1
Fees and dues from providing access to collections . . . . .	49	47	53	-3.9	12.0
On-line information services (NAICS 514191):					
Revenue . . . . .	28,623	27,832	27,160	-2.8	-2.4
Internet access services . . . . .	14,222	14,632	14,318	2.9	-2.1
Advertising . . . . .	3,516	2,866	2,640	-18.5	-7.9
Web site hosting . . . . .	839	731	724	-12.9	-0.9
Internet backbone services . . . . .	(S)	(S)	(S)	(S)	(S)
Internet telecommunications services . . . . .	(S)	(S)	(S)	(S)	(S)
Information technology consulting services . . . . .	(S)	(S)	(S)	(S)	(S)
Information technology design and development . . . . .	(S)	(S)	(S)	(S)	(S)
Application service provisioning . . . . .	(S)	(S)	(S)	(S)	(S)
Business process management . . . . .	(S)	(S)	(S)	(S)	(S)
Video and audio streaming services . . . . .	(S)	(S)	88	(S)	(S)
Other services revenue . . . . .	4,429	4,315	4,809	-2.6	11.4
All other information services (NAICS 514199):					
Revenue . . . . .	3,724	4,011	5,107	7.7	27.3
Advertising . . . . .	1,670	1,408	1,339	-15.6	-4.9
Web hosting and design . . . . .	(S)	48	49	(S)	2.1
Information search services . . . . .	713	849	1,364	19.0	60.6
Stock photo services . . . . .	719	750	788	4.3	5.2
Video and audio streaming services . . . . .	(S)	33	24	(S)	-27.6
Data processing services (NAICS 5142):					
Revenue . . . . .	47,219	52,920	53,101	12.1	0.3
Business process management . . . . .	15,953	20,124	20,817	26.1	3.4
Information and document transformation . . . . .	1,183	(S)	(S)	(S)	(S)
Information technology design and development . . . . .	13,660	13,441	12,733	-1.6	-5.3
Data storage services . . . . .	224	214	(S)	(S)	(S)
Data management services . . . . .	3,238	4,321	3,876	33.4	-10.3
Collocation services . . . . .	(S)	(S)	(S)	(S)	(S)
Information technology consulting services . . . . .	(S)	(S)	(S)	(S)	(S)
Web site hosting . . . . .	1,161	(S)	(S)	(S)	(S)
Software publishing . . . . .	771	743	768	-3.6	3.3
Rental and leasing of computer hardware . . . . .	(S)	(S)	(S)	(S)	(S)
Application service provisioning . . . . .	973	1,066	1,175	9.5	10.3
Video and audio streaming services . . . . .	43	39	(S)	(S)	(S)
Other services revenue . . . . .	8,476	8,713	9,355	2.8	7.4

S Data do not meet publication standards. Z Represents or rounds to zero. <sup>1</sup> Includes other sources of revenue, not shown separately.

Source: U.S. Census Bureau, "Service Annual Survey: 2003", SAS/03. See <<http://www.census.gov/econ/www/servmenu.html>>. (released December 2004)

**Table 1142. Academic Libraries—Summary: 2000**

[For fiscal year 193,963 represents 193,963,000. For 2- and 4-year degree granting institutions. Based on the Academic Libraries Survey; see source for details]

Item					Staff <sup>4</sup>		Expenditures		Percent with access from within library to—	
	Number of libraries	Circulation <sup>1</sup> (1,000)	Gate count <sup>2</sup> (1,000)	Volumes held <sup>3</sup> (1,000)	Librarians (per cent)	Total (mil. dol.)	Salary <sup>5</sup> (per cent)	Electronic catalog	Internet	
<b>Total</b> . . . . .	<b>3,527</b>	<b>193,963</b>	<b>16,457</b>	<b>913,547</b>	<b>95,665</b>	<b>26.3</b>	<b>5,026</b>	<b>50.1</b>	<b>93.7</b>	<b>98.6</b>
Control: Public . . . . .	1,566	127,848	10,890	544,917	58,277	25.6	3,080	51.5	98.9	99.6
Private . . . . .	1,961	66,115	5,567	368,630	37,388	27.4	1,946	47.9	88.9	97.8
Level: <sup>6</sup>										
4-year degree and above <sup>7</sup>	2,148	166,442	12,563	856,414	81,800	25.9	4,473	48.0	95.6	98.7
Doctorate . . . . .	568	117,186	7,449	605,978	55,090	24.9	3,284	46.6	98.0	98.6
Master's . . . . .	884	34,228	3,667	179,758	19,193	27.3	859	52.4	96.1	99.1
Bachelor's . . . . .	660	12,814	1,278	66,740	6,887	28.8	286	51.7	92.4	98.2
Less than 4-year <sup>4</sup>	1,379	27,521	3,894	57,133	13,864	28.9	553	66.6	90.6	98.5
Enrollment: <sup>4</sup>										
Less than 1,500 . . . . .	1,910	25,131	2,982	117,713	14,385	30.2	596	53.4	87.9	97.6
1,500 to 4,999 . . . . .	1,051	39,563	4,395	176,512	22,355	27.5	1,041	53.0	99.4	99.8
5,000 or more . . . . .	566	129,268	9,079	619,323	58,925	24.9	3,389	48.6	99.8	99.6

<sup>1</sup> Includes reserves. <sup>2</sup> In a typical week. <sup>3</sup> At end-of-year. <sup>4</sup> Full-time equivalent. <sup>5</sup> Salary and wages. <sup>6</sup> Level of highest degree offered. <sup>7</sup> Includes 36 institutions granting other degrees, not shown separately.

Source: U.S. National Center for Education Statistics, *Academic Libraries: 2000*, NCES 2004-317, November, 2003.

**Table 1143. Public Library Outlets Offering Programs for Adults: 2000**

[In percent of outlets. For activities offered during a typical week during the prior year. Represents programs for which the outlet provided funding, materials, or staff to support the program or the library system ran the program within or on behalf of the outlet. Based on the Fast Response Survey System and subject to sampling error; see source for details]

Program	All outlets	Number of visits per week			Metropolitan status <sup>1</sup>		
		Less than 300	300 to 1,400	1,500 or more	Urban	Suburban	Rural
Computer/Internet instruction . . . . .	56	36	59	77	68	59	49
Book/film discussions or presentations . . . . .	43	22	45	69	56	50	34
Cultural performances . . . . .	41	11	48	71	60	51	28
Recreational activities <sup>2</sup> . . . . .	39	24	40	59	52	50	29
Parenting skills . . . . .	20	6	22	38	28	24	15
Financial planning/investment information . . . . .	18	4	19	38	30	26	11
Employment/career guidance . . . . .	17	8	20	24	31	18	12
College/continuing education guidance . . . . .	15	9	18	18	21	14	13
Citizenship preparation . . . . .	5	5	4	5	7	6	3

<sup>1</sup> Urban = inside central city; Suburban = In metro area, outside of a central city; Rural = outside a metro area. <sup>2</sup> Such as crafts and hobbies.

Source: U.S. National Center for Education Statistics, Fast Response Survey System, *Programs for Adults in Public Library Outlets*, NCES 2003-010, November 2002.

**Table 1144. Public Libraries by Selected Characteristics: 2002**

[8,586 represents \$8,586,000,000. Based on survey of public libraries. Data are for public libraries in the 50 states and the District of Columbia. The response rates for these items are between 98 and 100 percent]

Population of service area	Number of—		Operating income—		Paid staff <sup>3</sup>		Libraries with Internet access	
	Public libraries	Stationary outlets <sup>1</sup>	Total (mil. dol.) <sup>2</sup>	Source (percent)		Total		Librarians with ALA-MLS <sup>4</sup>
				State government	Local government			
<b>Total . . . . .</b>	<b>9,137</b>	<b>16,486</b>	<b>8,586</b>	<b>11.7</b>	<b>79.1</b>	<b>136,219</b>	<b>30,428</b>	<b>8,876</b>
1,000,000 or more . . . . .	23	960	1,217	9.3	77.9	15,933	4,483	23
500,000 to 999,000 . . . . .	54	1,152	1,375	14.0	78.0	19,634	4,876	54
250,000 to 499,999 . . . . .	94	1,086	983	11.8	80.8	15,212	3,733	94
100,000 to 249,999 . . . . .	329	2,023	1,418	10.8	81.7	22,833	4,940	329
50,000 to 99,999 . . . . .	530	1,616	1,110	13.3	78.8	17,929	3,977	529
25,000 to 49,999 . . . . .	922	1,738	1,039	12.0	79.8	17,359	4,002	918
10,000 to 24,999 . . . . .	1,758	2,260	889	11.5	78.6	15,662	3,157	1,754
5,000 to 9,999 . . . . .	1,446	1,612	324	11.3	76.2	6,252	900	1,436
2,500 to 4,999 . . . . .	1,315	1,358	131	7.1	75.1	2,893	242	1,288
1,000 to 2,499 . . . . .	1,631	1,644	77	6.3	69.9	1,931	99	1,571
Fewer than 1,000 . . . . .	1,035	1,037	22	7.4	66.8	581	18	880

<sup>1</sup> The sum of central and branches libraries. The total number of central libraries was 8,986; the total of branch libraries was 7,500. <sup>2</sup> Includes income from the federal government (0.6%) and other sources (8.7%), not shown separately. <sup>3</sup> Full-time equivalents. <sup>4</sup> Librarians with master's degrees from a graduate library education program accredited by the American Library Association (ALA). Total librarians, including those without ALA-MLS, were 44,920.

Source: U.S. National Center for Education Statistics, *Public Libraries in the United States: 2002*, NCES 2005-356, March 2005.

**Table 1145. Public Library Use of the Internet: 2004**

[In percent, except number of outlets. As of spring. Based on sample survey; see source for details]

Item	Metropolitan status <sup>1</sup>				Poverty status <sup>2</sup>		
	Total	Urban	Sub-urban	Rural	Less than 20 percent	20 to 40 percent	More than 40 percent
<b>All libraries outlets <sup>3</sup> . . . . .</b>	<b>16,192</b>	<b>2,868</b>	<b>5,270</b>	<b>8,054</b>	<b>13,579</b>	<b>2,432</b>	<b>181</b>
Connected to the Internet . . . . .	99.6	99.7	99.7	99.5	99.7	99.2	100.0
Connected with public access . . . . .	98.9	98.5	99.4	98.7	99.0	96.3	98.1
Average number of workstations . . . . .	10.4	17.3	13.0	6.7	9.7	12.5	27.2
Speed of access: <sup>4</sup>							
128kbps or less . . . . .	12.8	5.6	6.5	18.6	12.1	16.6	18.0
129kbps-1.5mbps . . . . .	45.2	51.7	46.1	42.7	45.1	45.6	49.0
Greater than 1.5mbps . . . . .	20.3	33.0	25.9	13.2	19.3	25.4	23.5
Public access Internet content or service filtering/blocking:							
The library does not filter . . . . .	58.2	68.3	58.1	56.6	58.7	53.8	62.3
Each public access workstation . . . . .	16.7	10.4	14.1	19.2	16.5	19.5	7.9
Entire network in the library . . . . .	13.4	16.3	13.1	13.0	12.7	19.3	21.8
All computers due to local community network with a public school . . . . .	2.6	0.9	1.6	3.5	2.7	2.6	(NA)
All computers due to library consortium . . . . .	6.2	5.4	12.3	3.2	6.7	2.2	7.9

NA Not available. <sup>1</sup> Urban = inside central city; Suburban = in metro area, outside of a central city; Rural = outside a metro area. <sup>2</sup> Determined by the 2000 poverty status of the service area of the outlet. <sup>3</sup> Central libraries and branches; excludes bookmobiles.

Source: Information Use Management and Policy Institute, College of Information, Florida State University, Tallahassee, FL, *Public Libraries and the Internet 2004: Survey Results and Findings*, by John Carlo Bertot, Charles R. McClure, and Paul T. Jaeger, Florida State University, Tallahassee, FL.

**Table 1146. Internet Access and Usage and Online Service Usage: 1997 to 2004, and by Characteristic, 2004**

[For persons 18 years old and over (193,462 represents 193,462,000). As of spring for 1997 and 2000; as of fall 2003 and 2004. Based on sample and subject to sampling error; see source for details]

Item	Total adults	Any online/Internet usage in the past 30 days	Have Internet access			Used the Internet in the last 30 days		
			Home or work or other	Home only	Work only	Home or work or other	Home only	Work only
Total adults, 1997 (1,000)	193,462	31,686	46,305	25,500	22,931	29,127	16,640	13,806
Total adults, 2000 (1,000)	199,438	90,458	112,949	77,621	50,476	86,289	65,471	40,449
Total adults, 2003 (1,000)	209,657	131,839	165,898	128,549	73,315	128,417	107,604	62,159
<b>Total adults, 2004<sup>1</sup> (1,000)</b>	<b>213,454</b>	<b>134,440</b>	<b>168,582</b>	<b>132,395</b>	<b>73,570</b>	<b>130,964</b>	<b>111,052</b>	<b>61,469</b>
PERCENT DISTRIBUTION	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Age:								
18 to 34 years old	31.4	36.8	33.7	31.7	33.4	37.0	34.3	33.3
35 to 54 years old	39.6	44.7	42.7	45.9	52.9	44.8	46.5	53.5
55 years old and over	29.0	18.5	23.5	22.4	13.7	18.2	19.2	13.2
Sex:								
Male	48.0	48.2	48.2	49.2	51.2	48.2	48.7	50.8
Female	52.0	51.8	51.8	50.8	48.8	51.8	51.3	49.2
Census region: <sup>2</sup>								
Northeast	19.1	20.1	19.8	20.5	20.9	20.2	20.7	21.1
Midwest	22.6	23.4	23.9	22.9	23.0	23.3	22.7	22.1
South	36.2	33.2	34.1	33.4	33.1	33.0	33.1	32.8
West	22.1	23.3	22.2	23.2	23.0	23.4	23.5	24.0
Household size:								
1 to 2 persons	47.4	41.7	43.5	40.3	42.1	41.7	40.6	42.3
3 to 4 persons	37.1	42.9	40.9	43.4	44.0	43.0	43.9	44.0
5 or more persons	15.5	15.4	15.5	16.3	13.9	15.3	15.4	13.7
Any child in household	41.3	45.6	44.1	45.9	46.9	45.6	46.0	46.9
Marital status:								
Single	24.5	26.7	25.2	22.8	23.6	26.8	24.4	23.5
Married	56.6	59.7	59.3	64.2	62.7	59.7	63.0	63.3
Other	19.0	13.6	15.5	13.0	13.7	13.5	12.5	13.2
Educational attainment:								
Graduated college plus	24.8	35.7	30.1	34.8	46.1	36.2	38.6	50.0
Attended college	27.1	33.4	30.8	31.5	31.3	33.6	33.0	31.0
Did not attend college	48.2	30.9	39.1	33.7	22.5	30.2	28.4	18.9
Employed full-time	53.2	63.2	58.9	60.7	87.9	63.4	62.3	89.3
Employed part-time	10.9	12.3	11.8	12.2	11.4	12.4	12.8	10.3
Occupation of the employed:								
Professional	12.7	18.6	15.7	17.8	29.2	18.9	19.7	30.2
Management/business/financial	9.9	14.0	12.0	13.5	22.4	14.2	14.5	24.9
Sales/office	16.0	20.9	18.7	18.9	29.3	21.2	20.1	30.0
Natural resources/construction/maintenance	6.6	5.7	6.2	6.0	5.1	5.6	5.5	4.2
Other	18.9	16.3	18.1	16.8	13.4	16.0	15.4	10.4
Type of firm of employed:								
Business	35.0	39.8	37.5	38.2	51.2	40.0	39.5	51.7
Government	10.1	13.8	12.1	12.9	21.1	13.9	13.6	21.2
Other	18.8	21.9	21.0	21.8	27.0	21.9	22.0	26.8
Household income:								
Less than \$50,000	48.8	32.9	39.5	31.5	21.9	32.5	29.0	19.5
\$50,000 to \$74,999	20.3	24.3	23.0	24.5	24.6	24.3	24.6	23.4
\$75,000 to \$149,999	24.1	33.1	29.0	33.7	40.7	33.3	35.5	43.0
\$150,000 or more	6.8	9.7	8.4	10.3	12.9	9.9	10.9	14.1

<sup>1</sup> Includes other labor force status, not shown separately. <sup>2</sup> For composition of regions, see map inside front cover.

Source: Mediamark Research Inc., New York, NY, *CyberStats*, fall 2003 and 2004; and spring 1997 and 2000 (copyright). See Internet site <<http://www.mriplus.com/pocketpiece.html>>.

**Table 1147. Online Activities, 2001 and 2003, and by Type of Home Internet Connection, 2003**

[In percent. As of September 2001 and October 2003. Represents percent of Internet users 15 years old and over. Based on the Current Population Survey and subject to sampling error; see source and Appendix III]

Activity	Online activities from any location		Online activities by type of home Internet connection, 2003		
	2001	2003	None	Dial-up	Broadband
E-mail or instant messaging . . . . .	86.9	87.8	71.2	88.9	93.0
Playing games . . . . .	36.5	38.1	29.6	37.1	43.1
Listening to radio or viewing TV or movies . . . . .	18.9	21.7	16.1	17.3	30.9
Purchase products or services . . . . .	44.1	52.1	33.5	49.2	64.3
Take a course online . . . . .	4.0	6.4	5.2	5.7	8.0
Trade stocks, bonds or mutual funds . . . . .	8.6	6.8	3.0	5.8	9.9
Bank online . . . . .	17.4	27.8	16.3	23.8	38.7
Search for product or service information . . . . .	73.2	76.5	63.1	75.7	83.3
Get news, weather or sports information . . . . .	66.0	66.5	50.4	64.4	76.2
Search for information on health services or practices . . . . .	34.1	41.6	32.2	40.0	47.9
Search for information about government services or agencies . . . . .	30.1	35.7	29.5	33.4	41.9
Search for a job . . . . .	16.0	18.7	19.9	16.9	21.1

Source: U.S. Department of Commerce, National Telecommunications and Information Administration, *A Nation Online: Entering the Broadband Age*, September 2004. See Internet site <<http://www.ntia.doc.gov/reports/anol/index.html>>.

**Table 1148. Household Internet Connections by Type: 2003**

[As of October. Based on the Current Population Survey and subject to sampling error; see source and Appendix III]

Characteristic	Internet households <sup>1</sup>		Type of Internet connection—percent distribution					
	Total	Percent of all households	Dial-up telephone		Cable modem		Digital subscriber line	
			Number	Percent	Number	Percent	Number	Percent
<b>All households <sup>2</sup></b> . . . . .	<b>61,481</b>	<b>54.6</b>	<b>38,593</b>	<b>62.8</b>	<b>12,638</b>	<b>20.6</b>	<b>9,335</b>	<b>15.2</b>
Age of householder:								
Under 25 years old . . . . .	3,295	46.9	1,833	55.6	803	24.4	614	18.6
25 to 34 years old . . . . .	11,750	60.2	6,920	58.9	2,640	22.5	2,020	17.2
35 to 44 years old . . . . .	15,447	65.2	9,434	61.1	3,344	21.7	2,497	16.2
45 to 54 years old . . . . .	14,885	65.1	9,060	60.9	3,208	21.6	2,402	16.1
55 years old and over . . . . .	16,103	40.8	11,346	70.5	2,643	16.4	1,802	11.2
Sex of householder:								
Male . . . . .	34,921	58.6	21,430	61.4	7,460	21.4	5,518	15.8
Female . . . . .	26,559	50.1	17,163	64.6	5,179	19.5	3,817	14.4
Educational attainment:								
Elementary school . . . . .	926	14.0	734	79.3	98	10.6	84	9.1
Some high school . . . . .	2,507	24.3	1,829	73.0	359	14.3	275	11.0
High school diploma/GED . . . . .	14,750	43.0	10,478	71.0	2,380	16.1	1,691	11.5
Some college . . . . .	18,793	62.4	12,037	64.1	3,794	20.2	2,661	14.2
Bachelor's degree or more . . . . .	24,504	78.3	13,514	55.2	6,007	24.5	4,624	18.9
Employment status of householder:								
Employed . . . . .	46,008	63.9	28,074	61.0	9,930	21.6	7,346	16.0
Unemployed . . . . .	1,873	50.0	1,207	64.5	379	20.3	274	14.7
Not in the labor force . . . . .	13,600	36.9	9,311	68.5	2,329	17.1	1,714	12.6
Family income:								
Less than \$15,000 . . . . .	3,681	22.9	2,555	69.4	584	15.9	477	13.0
15,000 to 24,999 . . . . .	3,839	33.5	2,786	72.6	600	15.6	418	10.9
25,000 to 34,999 . . . . .	5,855	45.6	4,137	70.7	921	15.7	694	11.9
35,000 to 49,999 . . . . .	8,867	62.8	6,213	70.1	1,391	15.7	1,138	12.8
50,000 to 74,999 . . . . .	12,429	76.0	7,918	63.7	2,531	20.4	1,814	14.6
75,000 to 99,999 . . . . .	7,774	84.1	4,440	57.1	1,919	24.7	1,321	17.0
100,000 to 149,999 . . . . .	5,811	90.4	2,726	46.9	1,771	30.5	1,207	20.8
150,000 and over . . . . .	3,753	92.4	1,482	39.5	1,242	33.1	961	25.6

<sup>1</sup> Includes households with other types of connections, not shown separately. <sup>2</sup> Includes households with family income not reported.

Source: U.S. Department of Commerce, National Telecommunications and Information Administration, *A Nation Online: Entering the Broadband Age*, September 2004; and unpublished data. See Internet site <<http://www.ntia.doc.gov/reports/anol/index.html>>.



**Table 1149. Households With Computers and Internet Access by Selected Characteristic: 2003**

[Percent of households in specified group. As of October. Based on the Current Population Survey and subject to sampling error; for details, see source. See also text, Section 1, and Appendix III]

Characteristic	Households with computers				Households with Internet access			
	Total	Rural <sup>1</sup>	Urban <sup>1</sup>	Central city <sup>1</sup>	Total	Rural <sup>1</sup>	Urban <sup>1</sup>	Central city <sup>1</sup>
<b>All households</b> . . . . .	<b>61.8</b>	<b>61.9</b>	<b>61.7</b>	<b>56.9</b>	<b>54.6</b>	<b>54.1</b>	<b>54.8</b>	<b>49.3</b>
Age of householder:								
Under 25 years old . . . . .	56.5	52.5	57.2	56.6	46.9	43.3	47.5	46.0
25 to 34 years old . . . . .	68.6	71.6	67.8	64.3	60.2	62.1	59.7	56.1
35 to 44 years old . . . . .	73.2	75.3	72.6	65.8	65.2	66.2	64.9	57.0
45 to 54 years old . . . . .	71.9	71.5	72.1	65.3	65.1	63.9	65.6	58.4
55 years old or over . . . . .	46.6	46.7	46.6	41.5	40.8	40.3	40.9	35.4
Sex:								
Male . . . . .	65.6	64.2	66.2	61.3	58.6	56.3	59.5	54.2
Female . . . . .	57.4	58.6	57.1	52.5	50.1	51.1	49.8	44.4
Education of householder:								
Elementary . . . . .	20.6	18.1	21.6	20.7	14.0	12.7	14.5	13.2
Some high school . . . . .	32.7	34.7	32.0	28.0	24.3	26.3	23.6	20.1
High school graduate or GED . . . . .	51.1	56.5	48.7	43.0	43.0	47.5	41.1	34.6
Some college . . . . .	70.6	73.3	69.7	65.4	62.4	64.8	61.6	56.7
BA degree or more . . . . .	83.3	84.4	83.0	80.1	78.3	79.3	78.3	74.3
Household income:								
Under \$5,000 . . . . .	35.6	29.8	37.0	33.6	26.8	20.0	28.4	24.3
\$5,000 to \$9,000 . . . . .	26.9	24.4	27.5	27.0	20.0	17.7	20.6	20.4
\$10,000 to \$14,999 . . . . .	31.7	31.7	31.7	32.2	23.7	23.6	23.7	23.2
\$15,000 to \$19,999 . . . . .	38.2	36.7	38.8	37.8	29.4	26.9	30.3	28.8
\$20,000 to \$24,999 . . . . .	46.1	47.7	45.5	45.6	36.7	36.6	36.7	37.8
\$25,000 to \$34,999 . . . . .	55.4	55.7	55.4	54.7	45.6	46.3	45.4	44.5
\$35,000 to \$49,999 . . . . .	71.1	72.6	70.6	70.0	62.8	62.3	63.0	62.0
\$50,000 to \$74,999 . . . . .	81.9	82.4	81.7	81.7	76.0	75.8	76.1	75.1
\$75,000 to \$99,999 . . . . .	88.1	87.9	88.2	85.6	84.1	84.1	84.1	81.7
\$100,000 to \$149,999 . . . . .	92.9	92.2	93.2	89.8	90.4	89.7	90.6	86.0
\$150,000 or more . . . . .	94.7	95.0	94.7	92.3	92.4	91.6	92.5	91.8

<sup>1</sup> See text, Section 1, and Appendix II.

Source: U.S. Department of Commerce, National Telecommunications and Information Administration, *A Nation Online: Entering the Broadband Age*, September 2004; and unpublished data. See Internet site <<http://www.ntia.doc.gov/reports/anol/index.html>>.

**Table 1150. Households With Computers and Internet Access: 1998 and 2003**

[Percent of all households. As of October. Based on survey and subject to sampling error; for details, see source]

State	1998		2003		State	1998		2003	
	Computers	Internet access	Computers	Internet access		Computers	Internet access	Computers	Internet access
<b>U.S. . . .</b>	<b>42.1</b>	<b>26.2</b>	<b>61.8</b>	<b>54.6</b>	MO . . . . .	41.8	24.3	60.7	53.0
AL . . . . .	34.3	21.6	53.9	45.7	MT . . . . .	40.9	21.5	59.5	50.4
AK . . . . .	62.4	44.1	72.7	67.6	NE . . . . .	42.9	22.9	66.1	55.4
AZ . . . . .	44.3	29.3	64.3	55.2	NV . . . . .	41.6	26.5	61.3	55.2
AR . . . . .	29.8	14.7	50.0	42.4	NH . . . . .	54.2	37.1	71.5	65.2
CA . . . . .	47.5	30.7	66.3	59.6	NJ . . . . .	48.1	31.3	65.5	60.5
CO . . . . .	55.3	34.5	70.0	63.0	NM . . . . .	42.2	25.8	53.9	44.5
CT . . . . .	43.8	31.8	69.2	62.9	NY . . . . .	37.3	23.7	60.0	53.3
DE . . . . .	40.5	25.1	64.3	56.8	NC . . . . .	35.0	19.9	57.7	51.1
DC . . . . .	41.4	24.2	59.5	53.2	ND . . . . .	40.2	20.6	61.2	53.2
FL . . . . .	39.5	27.8	61.0	55.6	OH . . . . .	40.7	24.6	58.8	52.5
GA . . . . .	35.8	23.9	60.6	53.5	OK . . . . .	37.8	20.4	55.4	48.4
HI . . . . .	42.3	27.9	63.3	55.0	OR . . . . .	51.3	32.7	67.0	61.0
ID . . . . .	50.0	27.4	69.2	56.4	PA . . . . .	39.3	24.9	60.2	54.7
IL . . . . .	42.7	26.5	60.0	51.1	RI . . . . .	41.0	27.1	62.3	55.7
IN . . . . .	43.5	26.1	59.6	51.0	SC . . . . .	35.7	21.4	54.9	45.6
IA . . . . .	41.4	21.8	64.7	57.1	SD . . . . .	41.6	23.9	62.1	53.6
KS . . . . .	43.7	25.7	63.8	54.3	TN . . . . .	37.5	21.3	56.7	48.9
KY . . . . .	35.9	21.1	58.1	49.6	TX . . . . .	40.9	24.5	59.0	51.8
LA . . . . .	31.1	17.8	52.3	44.1	UT . . . . .	60.1	35.8	74.1	62.6
ME . . . . .	43.4	26.0	67.8	57.9	VT . . . . .	48.7	31.8	65.5	58.1
MD . . . . .	46.3	31.0	66.0	59.2	VA . . . . .	46.4	27.9	66.8	60.3
MA . . . . .	43.4	28.1	64.1	58.1	WA . . . . .	56.3	36.6	71.4	62.3
MI . . . . .	44.0	25.4	59.9	52.0	WV . . . . .	28.3	17.6	55.0	47.6
MN . . . . .	47.6	29.0	67.9	61.6	WI . . . . .	43.0	25.1	63.8	57.4
MS . . . . .	25.7	13.6	48.3	38.9	WY . . . . .	46.1	22.7	65.4	57.7

Source: U.S. Department of Commerce, National Telecommunications and Information Administration, *Falling through the Net: Defining the Digital Divide*, July 1999; and *A Nation Online: Entering the Broadband Age*, September 2004; and unpublished data. See Internet site <<http://www.ntia.doc.gov/reports/anol/index.html>>.