

Table A-3.0.1. Information Sector Services (NAICS 51)—Estimated Coefficients of Variation for Revenue for Employer Firms: 2003 and 2004

[Estimates are based on data from the 2004 Service Annual Survey and administrative data and are published as percents. Estimates for 2003 are revised to reflect historical corrections to individual responses]

NAICS code	Kind of business	Coefficients of variation for revenue		
		2004	2003	Year-to-year ratio 2004/2003
51	Information	0.3	0.3	0.3
511	Publishing industries	0.8	0.5	0.6
5111	Newspaper, periodical, book, database, and other publishers	0.4	0.2	0.3
51111	Newspaper publishers	0.5	0.4	0.2
51112	Periodical publishers	1.0	0.6	0.7
51113	Book publishers	0.8	0.6	0.4
51114	Database and directory publishers	0.5	0.5	0.3
51119	Other publishers	2.6	1.3	1.7
511191	Greeting card publishers	1.0	0.8	0.3
511199	All other publishers	5.0	2.4	3.2
5112	Software publishers	1.9	1.1	1.6
512	Motion picture and sound recording industries	1.3	0.9	1.1
5121	Motion picture and video industries	1.5	1.1	1.4
5121x	Motion picture and video production and distribution ¹	2.0	1.4	1.7
51213	Motion picture and video exhibition	2.0	1.5	1.4
512131	Motion picture theaters (except drive-ins)	1.9	1.5	1.4
512132	Drive-in motion picture theaters	S	S	S
51219	Postproduction services and other motion picture and video industries	1.9	2.3	1.9
512191	Teleproduction and other postproduction services	2.3	2.9	2.1
512199	Other motion picture and video industries	2.6	1.2	3.2
5122	Sound recording	0.5	0.3	0.4
51221	Record production	4.7	4.4	2.6
51222	Integrated record production/distribution	0.3	0.3	0.1
51223	Music publishers	1.5	0.8	1.3
51224	Sound recording studios	6.4	2.8	7.0
51229	Other sound recording industries	3.3	1.7	2.2
513	Broadcasting and telecommunications	0.5	0.3	0.3
5131	Radio and television broadcasting	0.4	0.3	0.3
51311	Radio broadcasting	1.3	0.7	0.9
513111	Radio networks	1.5	0.8	1.5
513112	Radio stations	1.5	0.8	1.1
51312	Television broadcasting	0.5	0.5	0.4
5132	Cable networks and program distribution	0.7	0.4	0.7
51321	Cable networks	0.4	0.4	0.6
51322	Cable and other program distribution	1.0	0.5	0.9
5133	Telecommunications	0.6	0.5	0.3
51331	Wired telecommunications carriers	1.0	0.7	0.5
51332	Wireless telecommunications carriers (except satellite)	0.4	0.3	0.2
513321	Paging	S	3.6	S
513322	Cellular and other wireless telecommunications	0.4	0.2	0.3
51333	Telecommunications resellers	6.3	4.5	3.4
51334	Satellite telecommunications	1.6	1.2	1.1
51339	Other telecommunications	13.0	15.9	10.1
514	Information services and data processing services	0.6	0.5	0.5
5141	Information services	1.4	1.3	0.6
51411	News syndicates	2.5	2.4	2.8
51412	Libraries and archives	3.7	3.7	2.0
51419	Other information services	1.5	1.4	0.6
514191	On-line information services	2.5	1.7	1.3
514199	All other information services	2.8	2.6	1.1
5142	Data processing services	1.3	0.9	0.9

S Data do not meet publication standards because of high sampling variability or poor response quality.

¹Includes NAICS 51211 (motion picture and video production) and NAICS 51212 (motion picture and video distribution).

Note: The introduction and appendixes give information on confidentiality protection, sampling error, nonsampling error, sample design, and definitions. Links to this information on the Internet may be found at www.census.gov/svsd/www/cv.html.

Table A-3.0.2. Information Sector Services (NAICS 51)—Estimated Coefficients of Variation for Export Revenue for Employer Firms: 2003 and 2004

[Estimates are based on data from the 2004 Service Annual Survey and administrative data and are published as percents. Estimates for 2003 are revised to reflect historical corrections to individual responses]

NAICS code	Kind of business	Coefficients of variation for export revenue		
		2004	2003	Year-to-year ratio 2004/2003
51	Information	1.9	2.2	1.5
511	Publishing industries	3.2	2.8	2.6
5111	Newspaper, periodical, book, database, and other publishers	2.0	1.8	1.6
5112	Software publishers	3.7	3.4	3.0
512	Motion picture and sound recording industries	3.0	2.9	0.8
5121	Motion picture and video industries	3.0	3.0	0.6
5122	Sound recording	9.9	2.1	9.1
513	Broadcasting and telecommunications	7.9	8.2	0.5
5131	Radio and television broadcasting	S	S	S
5132	Cable networks and program distribution	0.2	0.2	0.2
5133	Telecommunications	9.0	9.4	0.5
514	Information services and data processing services	7.6	8.5	2.1
5141	Information services	7.9	6.8	3.2
5142	Data processing services	12.2	12.5	1.7

S Data do not meet publication standards because of high sampling variability or poor response quality.

Note: The introduction and appendixes give information on confidentiality protection, sampling error, nonsampling error, sample design, and definitions. Links to this information on the Internet may be found at www.census.gov/svsd/www/cv.html.

Table A-3.1.1. Newspaper Publishers (NAICS 51111)—Estimated Coefficients of Variation for Revenue and Inventories for Employer Firms: 2003 and 2004

[Estimates are based on data from the 2004 Service Annual Survey and administrative data and are published as percents. Estimates for 2003 are revised to reflect historical corrections to individual responses]

Item	Coefficients of variation for revenue		
	2004	2003	Year-to-year ratio 2004/2003
REVENUE			
Total	0.5	0.4	0.2
SOURCES OF REVENUE			
Newspapers, print, total	0.6	0.6	0.3
Subscriptions and sales	0.8	1.1	S
Advertising	0.9	1.0	0.4
Newspapers, internet, total	12.7	14.8	2.4
Subscriptions and sales	S	S	S
Advertising	4.6	5.6	2.5
Newspapers, other media, total	9.8	7.8	10.4
Subscriptions and sales	S	S	S
Advertising	5.6	12.2	6.1
Contract printing services	6.9	6.9	1.0
Distribution of flyers, inserts, samples, etc.	2.7	3.8	2.6
Graphic design services	S	S	S
Market research	S	5.4	S
Archival sales services	2.1	8.6	4.3
Sale or licensing of rights to content	18.4	17.8	0.9
Rental or sale of mailing lists	S	S	S
Non-newspaper publishing	6.8	9.6	3.3
Publishing services for others	15.0	14.4	6.5
Other services revenue	6.3	6.7	7.5
BREAKDOWN OF REVENUE			
General newspapers	0.6	0.6	0.3
Specialized newspapers	11.1	12.5	6.4
Other newspapers	S	S	S
INVENTORIES AT END OF YEAR			
Total	3.7	5.4	2.9
Finished goods and work-in-process	4.2	16.4	8.9
Materials, supplies, fuel, etc	4.2	4.7	2.0

S Data do not meet publication standards because of high sampling variability or poor response quality.

Note: The introduction and appendixes give information on confidentiality protection, sampling error, nonsampling error, sample design, and definitions. Links to this information on the Internet may be found at www.census.gov/svsd/www/cv.html.

Table A-3.1.2. **Periodical Publishers (NAICS 51112)—Estimated Coefficients of Variation for Revenue and Inventories for Employer Firms: 2003 and 2004**

[Estimates are based on data from the 2004 Service Annual Survey and administrative data and are published as percents. Estimates for 2003 are revised to reflect historical corrections to individual responses]

Item	Coefficients of variation for revenue		
	2004	2003	Year-to-year ratio 2004/2003
REVENUE			
Total	1.0	0.6	0.7
SOURCES OF REVENUE			
Periodicals, print, total	0.9	1.0	0.6
Subscriptions and sales	1.6	1.6	1.2
Advertising	1.0	1.5	0.8
Periodicals, internet, total	13.5	6.8	5.2
Subscriptions and sales	7.9	6.3	1.7
Advertising	S	18.4	S
Periodicals, other media, total	2.1	2.1	1.0
Subscriptions and sales	2.1	2.0	1.0
Advertising	S	11.7	S
Contract printing services	7.0	5.1	4.8
Distribution of flyers, inserts, samples, etc.	S	S	S
Graphic design services	S	S	S
Sale or licensing of rights to content	S	9.3	S
Rental or sale of mailing lists	3.8	3.1	1.7
Publishing services for others	S	S	S
Other services revenue	5.3	4.4	1.5
BREAKDOWN OF REVENUE			
General interest periodicals	1.9	2.2	0.7
Special interest periodicals	1.9	2.0	0.9
Other periodicals	S	S	S
INVENTORIES AT END OF YEAR			
Total	3.6	3.8	1.4
Finished goods and work-in-process	3.7	3.5	2.1
Materials, supplies, fuel, etc	S	4.9	S

S Data do not meet publication standards because of high sampling variability or poor response quality.

Note: The introduction and appendixes give information on confidentiality protection, sampling error, nonsampling error, sample design, and definitions. Links to this information on the Internet may be found at www.census.gov/svsd/www/cv.html.

Table A-3.1.3. Book Publishers (NAICS 51113)—Estimated Coefficients of Variation for Revenue and Inventories for Employer Firms: 2003 and 2004

[Estimates are based on data from the 2004 Service Annual Survey and administrative data and are published as percents. Estimates for 2003 are revised to reflect historical corrections to individual responses]

Item	Coefficients of variation for revenue		
	2004	2003	Year-to-year ratio 2004/2003
REVENUE			
Total	0.8	0.6	0.4
SOURCES OF REVENUE			
Books, print, total	0.8	0.6	0.4
Books, internet, total	2.2	1.9	0.8
Books, other media, total	6.1	7.3	1.6
Sale or licensing of rights to content	5.4	4.0	5.0
Contract printing services	S	9.5	S
Fulfillment services	15.4	11.5	6.9
Rental or sale of mailing lists	S	S	0.9
Publishing services for others	S	19.5	S
Other services revenue	7.3	5.5	5.0
BREAKDOWN OF REVENUE			
Books, print, total	0.8	0.6	0.4
Textbooks	2.7	2.5	0.4
Children's books	S	S	S
General reference books	S	2.5	S
Professional, technical and scholarly books	S	4.1	S
Adult trade books	3.9	3.8	0.8
Other books	S	S	S
Books, internet, total	2.2	1.9	0.8
Textbooks	S	S	S
Children's books	S	S	S
General reference books	S	S	S
Professional, technical and scholarly books	1.4	1.4	0.2
Adult trade books	S	S	S
Other books	S	S	S
Books, other media, total	6.1	7.3	1.6
Textbooks	S	S	S
Children's books	S	S	S
General reference books	1.3	1.4	0.5
Professional, technical and scholarly books	6.0	9.5	1.9
Adult trade books	S	S	S
Other books	S	S	S
INVENTORIES AT END OF YEAR			
Total	2.7	5.1	2.5
Finished goods and work-in-process	2.8	4.8	2.3
Materials, supplies, fuel, etc	4.1	15.8	7.7

S Data do not meet publication standards because of high sampling variability or poor response quality.

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Table A-3.1.4. **Database and Directory Publishers (NAICS 51114)—Estimated Coefficients of Variation for Revenue and Inventories for Employer Firms: 2003 and 2004**

[Estimates are based on data from the 2004 Service Annual Survey and administrative data and are published as percents. Estimates for 2003 are revised to reflect historical corrections to individual responses]

Item	Coefficients of variation for revenue		
	2004	2003	Year-to-year ratio 2004/2003
REVENUE			
Total	0.5	0.5	0.3
SOURCES OF REVENUE			
Directories, databases, and other collections of information, print, total ...	1.0	1.0	0.3
Subscriptions and sales	3.8	4.2	1.1
Advertising	1.0	1.0	0.3
Directories, databases, and other collections of information, internet, total	2.6	2.8	0.8
Subscriptions and sales	S	S	S
Advertising	1.3	1.4	0.3
Directories, databases, and other collections of information, other media, total	2.0	2.3	0.6
Subscriptions and sales	2.0	2.3	0.6
Advertising	1.7	1.7	0.4
Rental or sale of mailing lists	10.6	9.7	2.0
Contract printing services	S	S	S
Sale or licensing of rights to content	S	S	S
Publishing services for others	11.5	10.6	13.2
Other services revenue	5.8	4.7	2.6
INVENTORIES AT END OF YEAR			
Total	S	S	S
Finished goods and work-in-process	S	S	S
Materials, supplies, fuel, etc	S	S	S

S Data do not meet publication standards because of high sampling variability or poor response quality.

Note: The introduction and appendixes give information on confidentiality protection, sampling error, nonsampling error, sample design, and definitions. Links to this information on the Internet may be found at www.census.gov/svsd/www/cv.html.

Table A-3.1.5. **Greeting Card Publishers (NAICS 511191)—Estimated Coefficients of Variation for Revenue and Inventories for Employer Firms: 2003 and 2004**

[Estimates are based on data from the 2004 Service Annual Survey and administrative data and are published as percents. Estimates for 2003 are revised to reflect historical corrections to individual responses]

Item	Coefficients of variation for revenue		
	2004	2003	Year-to-year ratio 2004/2003
REVENUE			
Total	1.0	0.8	0.3
SOURCES OF REVENUE			
Greeting card publishing	1.8	1.4	0.4
Other revenue ¹	1.9	1.8	0.3
INVENTORIES AT END OF YEAR			
Total	1.9	1.0	1.2
Finished goods and work-in-process	1.9	1.1	1.0
Materials, supplies, fuel, etc	5.3	2.2	3.6

¹Includes calendar publishing, map and atlas publishing, pattern publishing, other miscellaneous publishing, contract printing, sale of licensing of rights to content, sale of advertising space, rental or sale of mailing lists, and publishing services for others.

Note: The introduction and appendixes give information on confidentiality protection, sampling error, nonsampling error, sample design, and definitions. Links to this information on the Internet may be found at www.census.gov/svsd/www/cv.html.

Table A-3.1.6. **All Other Publishers (NAICS 511199)—Estimated Coefficients of Variation for Revenue and Inventories for Employer Firms: 2003 and 2004**

[Estimates are based on data from the 2004 Service Annual Survey and administrative data and are published as percents. Estimates for 2003 are revised to reflect historical corrections to individual responses]

Item	Coefficients of variation for revenue		
	2004	2003	Year-to-year ratio 2004/2003
REVENUE			
Total	5.0	2.4	3.2
INVENTORIES AT END OF YEAR			
Total	S	S	S
Finished goods and work-in-process	S	S	S
Materials, supplies, fuel, etc	S	S	S

S Data do not meet publication standards because of high sampling variability or poor response quality.

Note: The introduction and appendixes give information on confidentiality protection, sampling error, nonsampling error, sample design, and definitions. Links to this information on the Internet may be found at www.census.gov/svsd/www/cv.html.

Table A-3.1.7. Software Publishers (NAICS 5112)—Estimated Coefficients of Variation for Revenue and Inventories for Employer Firms: 2003 and 2004

[Estimates are based on data from the 2004 Service Annual Survey and administrative data and are published as percents. Estimates for 2003 are revised to reflect historical corrections to individual responses]

Item	Coefficients of variation for revenue		
	2004	2003	Year-to-year ratio 2004/2003
REVENUE			
Total	1.9	1.1	1.6
SOURCES OF REVENUE			
System software publishing, total	3.4	4.2	2.1
Operating systems software	4.9	4.7	1.7
Network software	4.7	10.1	3.8
Database management software	5.7	6.1	2.1
Development tools and programming languages software	9.1	8.4	2.7
Other systems software	14.2	12.9	5.5
Application software publishing, total	4.3	3.3	1.9
General business productivity and home use applications	3.4	3.1	1.4
Cross-industry application software	10.0	8.2	3.0
Vertical market application software	18.5	15.2	5.9
Utilities software	7.1	7.8	2.1
Other application software	3.5	7.5	3.3
Custom application design and development services	S	S	S
Customization and integration of packaged software	11.0	7.9	6.0
Information technology consulting services	7.0	8.4	4.6
Application service provisioning	S	S	S
Business process management services	5.7	S	S
Re-sale of computer hardware and software	S	S	S
Information technology related training services	7.7	4.3	7.1
Other services revenue	7.8	9.3	6.5
BREAKDOWN OF REVENUE			
System software publishing, total	3.4	4.2	2.1
Personal computer software	5.4	5.9	1.5
Enterprise software	4.5	6.9	3.0
Mainframe computer software	6.3	4.9	1.7
Other system software	S	S	S
Application software publishing, total	4.3	3.3	1.9
Personal computer software	3.7	3.7	1.7
Enterprise software	6.6	5.4	2.6
Mainframe computer software	5.0	15.5	8.4
Other application software	S	S	S
INVENTORIES AT END OF YEAR			
Total	3.8	3.6	2.3
Finished goods and work-in-process	4.2	3.9	2.3
Materials, supplies, fuel, etc	3.1	3.1	2.6

S Data do not meet publication standards because of high sampling variability or poor response quality.

Note: The introduction and appendixes give information on confidentiality protection, sampling error, nonsampling error, sample design, and definitions. Links to this information on the Internet may be found at www.census.gov/svsd/www/cv.html.

Table A-3.2.1. **Motion Picture and Sound Recording Industries (NAICS 512)—Estimated Coefficients of Variation for Revenue and Inventory Estimates for Employer Firms: 2003 and 2004**

[Estimates are based on data from the 2004 Service Annual Survey and administrative data and are published as percents. Estimates for 2003 are revised to reflect historical corrections to individual responses]

Item	Coefficients of variation for revenue		
	2004	2003	Year-to-year ratio 2004/2003
MOTION PICTURE AND SOUND RECORDING INDUSTRIES (NAICS 512)			
Operating revenue	1.3	0.9	1.1
Total inventories	3.5	2.4	1.6
Finished goods and work-in-process	3.5	2.4	1.6
Materials, supplies, fuel, etc	13.5	10.6	2.3
MOTION PICTURE AND VIDEO INDUSTRIES (NAICS 5121)			
Operating revenue	1.5	1.1	1.4
Total inventories	3.5	2.5	1.7
Finished goods and work-in-process	3.5	2.5	1.7
Materials, supplies, fuel, etc	15.8	14.4	2.6
SOUND RECORDING (NAICS 5122)			
Operating revenue	0.5	0.3	0.4
Total inventories	3.2	3.3	2.4
Finished goods and work-in-process	2.1	3.8	2.2
Materials, supplies, fuel, etc	11.7	6.3	3.5

Note: The introduction and appendixes give information on confidentiality protection, sampling error, nonsampling error, sample design, and definitions. Links to this information on the Internet may be found at www.census.gov/svsd/www/cv.html.

Table A-3.2.2. Motion Picture and Video Production and Distribution (NAICS 5121X)—Estimated Coefficients of Variation for Revenue for Employer Firms: 2003 and 2004

[Estimates are based on data from the 2004 Service Annual Survey and administrative data and are shown as percents]

Item	Coefficients of variation for revenue		
	2004	2003	Year-to-year ratio 2004/2003
OPERATING REVENUE			
Total	2.0	1.4	1.7
SOURCES OF REVENUE			
Total licensing revenue for integrated producers and distributors	2.1	1.6	1.7
Total domestic licensing revenue for integrated producers and distributors	2.3	1.6	1.6
Integrated producers/distributors- domestic licensing of motion picture films	3.6	2.2	2.2
Integrated producer/distributors- domestic licensing of television programs	2.0	1.7	1.4
Integrated producers/distributors- domestic licensing of other audiovisual works	S	S	S
Total international licensing revenue for integrated producers and distributors	2.7	2.6	2.1
Integrated producers/distributors- international licensing of motion picture films	2.7	2.4	1.6
Integrated producers/distributors- international licensing of television programs	2.7	3.1	2.6
Integrated producers/distributors- international licensing of other audiovisual works	5.4	2.2	5.1
Total revenue from speculatively produced audiovisual works	S	S	S
Motion picture producers- speculatively produced motion picture films	S	S	S
Motion picture producers- speculatively produced television programs	S	S	S
Motion picture producers- other speculatively produced audiovisual works	S	S	S
Total revenue from contract production of audiovisual works	15.0	16.9	6.1
Motion picture producers- contract production of motion picture films	S	S	S
Motion picture producers- contract production of television programs	18.8	S	S
Motion picture producers- contract production of commercials	13.1	13.7	9.9
Motion picture producers- contract production of other audiovisual works	S	S	S
Total revenue from licensing distribution rights to others	3.5	2.5	2.5
Total domestic revenue from licensing distribution rights to others	4.5	3.6	2.9
Non-distributors- domestic licensing of motion picture films	6.9	5.9	5.2
Non-distributors- domestic licensing of television programs	3.0	3.0	2.6
Non-distributors- domestic licensing of other audiovisual works	S	S	S
Total international revenue from licensing distribution rights to others	2.7	2.2	2.1
Non-distributors- international licensing of motion picture films	2.8	2.3	2.2
Non-distributors- international licensing of television programs	2.7	2.5	2.0
Non-distributors- international licensing of other audiovisual works	S	ZZ	S
Licensing of international rights to others	4.5	8.3	4.5
Sale of audiovisual works for wholesale, retail, and rental markets	4.7	3.8	2.0
Other production services	13.3	18.2	19.9
Studio rental and leasing	16.1	19.0	9.6
Motion picture and video production equipment rental	S	S	S
Merchandise licensing	2.7	2.3	1.6
Other operating services revenue	7.8	9.3	5.6

S Data do not meet publication standards because of high sampling variability or poor response quality. ZZ Less than .5.

Note: The introduction and appendixes give information on confidentiality protection, sampling error, nonsampling error, sample design, and definitions. Links to this information on the Internet may be found at www.census.gov/svsd/www/cv.html.

Table A-3.2.3. Motion Picture Theaters (Except Drive-Ins) (NAICS 512131)—Estimated Coefficients of Variation for Revenue for Employer Firms: 2003 and 2004

[Estimates are based on data from the 2004 Service Annual Survey and administrative data and are shown as percents. Estimates for 2003 have been revised to reflect historical corrections to individual responses]

Item	Coefficients of variation for revenue		
	2004	2003	Year-to-year ratio 2004/2003
OPERATING REVENUE			
Total	1.9	1.5	1.4
SOURCES OF REVENUE			
Total revenue from feature film exhibition	2.2	1.8	1.4
Feature film exhibition of domestic films	2.1	1.8	1.4
Feature film exhibition of foreign films	S	S	S
Food and beverage sales	1.9	1.4	1.3
Concessionaire space in movie theaters	S	16.7	11.0
Advertising in movie theaters	6.6	1.5	6.7
Amusement machine services in movie theaters	10.5	5.9	3.1
Rental of space in movie theaters	6.8	4.1	5.8
Other operating services revenue	3.2	5.7	4.0

S Data do not meet publication standards because of high sampling variability or poor response quality.

Note: The introduction and appendixes give information on confidentiality protection, sampling error, nonsampling error, sample design, and definitions. Links to this information on the Internet may be found at www.census.gov/svsd/www/cv.html.

Table A-3.2.4. **Postproduction Services and Other Motion Picture and Video Industries (NAICS 51219)—Estimated Coefficients of Variation for Revenue for Employer Firms: 2003 and 2004**

[Estimates are based on data from the 2004 Service Annual Survey and administrative data and are shown as percents. Estimates for 2003 have been revised to reflect historical corrections to individual responses]

Item	Coefficients of variation for revenue		
	2004	2003	Year-to-year ratio 2004/2003
OPERATING REVENUE			
Total	1.9	2.3	1.9
SOURCES OF REVENUE			
Audiovisual postproduction services	3.1	3.6	3.6
Motion picture film laboratory services	5.0	4.3	3.9
Video library services	14.2	S	S
Duplication and copying services	11.0	7.2	8.2
Script translation	S	S	S
Postproduction equipment rentals	S	S	S
Other operating services revenue	12.9	15.0	18.5

S Data do not meet publication standards because of high sampling variability or poor response quality.

Note: The introduction and appendixes give information on confidentiality protection, sampling error, nonsampling error, sample design, and definitions. Links to this information on the Internet may be found at www.census.gov/svsd/www/cv.html.

Table A-3.2.5. **Integrated Record Production and Distribution Services (NAICS 51222)—Estimated Coefficients of Variation for Revenue for Employer Firms: 2003 and 2004**

[Estimates are based on data from the 2004 Service Annual Survey and administrative data and are shown as percents. Estimates for 2003 have been revised to reflect historical corrections to individual responses]

Item	Coefficients of variation for revenue		
	2004	2003	Year-to-year ratio 2004/2003
OPERATING REVENUE			
Total	0.3	0.3	0.1
SOURCES OF REVENUE			
Licensing of rights to use musical compositions	1.5	1.0	0.6
Licensing of rights to use musical recordings	0.3	0.7	0.4
Administration of copyrights for others	S	S	S
Sale of recordings	0.3	0.3	0.1
Distribution of recordings for others	0.2	0.2	ZZ
Print music	0.2	0.2	0.1
Other operating services revenue	8.3	7.5	1.9

S Data do not meet publication standards because of high sampling variability or poor response quality. ZZ Less than .5.

Note: The introduction and appendixes give information on confidentiality protection, sampling error, nonsampling error, sample design, and definitions. Links to this information on the Internet may be found at www.census.gov/svsd/www/cv.html.

Table A-3.2.6. **Music Publishing Services (NAICS 51223)—Estimated Coefficients of Variation for Revenue for Employer Firms: 2003 and 2004**

[Estimates are based on data from the 2004 Service Annual Survey and administrative data and are shown as percents. Estimates for 2003 have been revised to reflect historical corrections to individual responses]

Item	Coefficients of variation for revenue		
	2004	2003	Year-to-year ratio 2004/2003
OPERATING REVENUE			
Total	1.5	0.8	1.3
SOURCES OF REVENUE			
Licensing of rights to use musical compositions	2.3	1.3	1.3
Licensing of rights to use musical recordings	6.2	9.6	6.0
Administration of copyrights for others	5.1	4.2	3.0
Sale of recordings	14.1	10.8	8.2
Distribution of recordings for others	S	S	S
Print music	3.0	2.6	1.6
Other operating services revenue	7.4	7.5	2.9

S Data do not meet publication standards because of high sampling variability or poor response quality.

Note: The introduction and appendixes give information on confidentiality protection, sampling error, nonsampling error, sample design, and definitions. Links to this information on the Internet may be found at www.census.gov/svsd/www/cv.html.

Table A-3.2.7. **Sound Recording Studios (NAICS 51224)—Estimated Coefficients of Variation for Revenue for Employer Firms: 2003 and 2004**

[Estimates are based on data from the 2004 Service Annual Survey and administrative data and are shown as percents. Estimates for 2003 have been revised to reflect historical corrections to individual responses]

Item	Coefficients of variation for revenue		
	2004	2003	Year-to-year ratio 2004/2003
OPERATING REVENUE			
Total	6.4	2.8	7.0
SOURCES OF REVENUE			
Total revenue from studio recording	5.6	3.6	4.4
Studio recording- music clients	8.7	8.3	8.0
Studio recording- spoken word clients	S	19.8	S
Studio recording- radio clients	15.5	9.5	8.7
Studio recording- sound editing and design for audiovisual clients	9.1	5.8	4.9
Live recording	S	S	S
Sound recording studio rental and leasing	18.6	11.9	14.8
Licensing of recordings from a music library	S	S	S
Other operating services revenue	S	S	S

S Data do not meet publication standards because of high sampling variability or poor response quality.

Note: The introduction and appendixes give information on confidentiality protection, sampling error, nonsampling error, sample design, and definitions. Links to this information on the Internet may be found at www.census.gov/svsd/www/cv.html.

Table A-3.3.1. Radio and Television Broadcasting (NAICS 5131)—Estimated Coefficients of Variation for Revenue and Expenses for Employer Firms: 2003 and 2004

[Estimates are based on data from the 2004 Service Annual Survey and administrative data and are published as percents. Estimates for 2003 are revised to reflect historical corrections to individual responses]

Item	Coefficients of variation for revenue and expenses		
	2004	2003	Year-to-year ratio 2004/2003
OPERATING REVENUE			
Total	0.4	0.3	0.3
Station time sales	1.1	1.0	0.4
Network compensation	4.4	4.0	1.8
National/regional advertising	1.5	1.6	0.8
Local advertising revenue	1.3	1.0	0.4
Network time sales	0.9	0.9	0.2
Program rights	6.1	7.4	3.1
Production and post-production services	9.6	10.9	4.6
Public and non-commercial programming services	8.2	9.3	1.9
Other operating services revenue	2.8	2.1	1.2
OPERATING EXPENSES			
Total	0.5	0.4	0.5
Annual payroll	0.9	1.0	0.4
Employer's contributions to employee benefit plans	1.3	1.3	0.6
Contract labor	4.4	3.2	3.1
Total materials and supplies	3.0	3.5	3.2
Computer and other business equipment and supplies	8.3	5.6	6.7
Other materials, parts, and supplies	1.7	3.6	2.5
Total purchased services	0.8	0.7	0.6
Custom coded software and system design and support services	6.3	3.7	6.5
Data processing and other purchased computer services	2.4	1.9	2.0
Purchased communication services	2.2	2.0	1.3
Purchased advertising and promotional services	0.9	0.6	0.9
Purchased electricity	2.8	2.2	1.4
Purchased fuels (except motor fuels)	11.6	3.9	11.7
Purchased management consulting, admin., and other prof. services ...	1.8	1.6	2.2
Lease and rental payments	1.8	1.5	1.3
All other purchased services	1.1	1.6	1.3
Broadcast rights and music license fees	0.8	0.8	0.8
Depreciation	3.1	1.6	2.7
Taxes and license fees	2.9	1.4	2.4
Other operating expenses (including network compensation fees)	1.4	1.0	1.1

Note: The introduction and appendixes give information on confidentiality protection, sampling error, nonsampling error, sample design, and definitions. Links to this information on the Internet may be found at www.census.gov/svsd/www/cv.html.

Table A-3.3.2. Radio Broadcasting (NAICS 51311)—Estimated Coefficients of Variation for Revenue and Expenses for Employer Firms: 2003 and 2004

[Estimates are based on data from the 2004 Service Annual Survey and administrative data and are published as percents. Estimates for 2003 are revised to reflect historical corrections to individual responses]

Item	Coefficients of variation for revenue and expenses		
	2004	2003	Year-to-year ratio 2004/2003
OPERATING REVENUE			
Total	1.3	0.7	0.9
Station time sales	2.2	1.6	1.0
Network compensation	4.9	3.9	2.9
National/regional advertising	3.0	2.6	1.2
Local advertising revenue	2.3	1.7	1.1
Network time sales	2.1	1.7	0.8
Program rights	6.3	7.8	2.7
Production and post-production services	S	S	S
Public and non-commercial programming services	S	S	S
Other operating services revenue	4.9	4.3	3.1
OPERATING EXPENSES			
Total	1.5	1.1	1.0
Annual payroll	1.5	1.4	0.8
Employer's contributions to employee benefit plans	2.8	2.8	1.2
Contract labor	6.8	3.9	4.3
Total materials and supplies	4.2	7.5	7.8
Computer and other business equipment and supplies	9.0	12.0	14.4
Other materials, parts, and supplies	2.7	6.1	5.0
Total purchased services	1.6	1.3	1.2
Custom coded software and system design and support services	8.0	3.7	7.7
Data processing and other purchased computer services	10.5	9.4	10.0
Purchased communication services	3.9	3.7	2.1
Purchased advertising and promotional services	1.5	1.3	1.6
Purchased electricity	3.1	2.8	2.1
Purchased fuels (except motor fuels)	13.2	10.5	9.7
Purchased management consulting, admin., and other prof. services ...	2.8	2.9	2.5
Lease and rental payments	2.8	2.3	2.9
All other purchased services	2.6	2.6	2.5
Broadcast rights and music license fees	5.4	1.8	4.0
Depreciation	4.1	3.3	1.3
Taxes and license fees	2.4	2.2	1.0
Other operating expenses (including network compensation fees)	2.6	2.9	2.1

S Data do not meet publication standards because of high sampling variability or poor response quality.

Note: The introduction and appendixes give information on confidentiality protection, sampling error, nonsampling error, sample design, and definitions. Links to this information on the Internet may be found at www.census.gov/svsd/www/cv.html.

Table A-3.3.3. Television Broadcasting (NAICS 51312)—Estimated Coefficients of Variation for Revenue and Expenses for Employer Firms: 2003 and 2004

[Estimates are based on data from the 2004 Service Annual Survey and administrative data and are published as percents. Estimates for 2003 are revised to reflect historical corrections to individual responses]

Item	Coefficients of variation for revenue and expenses		
	2004	2003	Year-to-year ratio 2004/2003
OPERATING REVENUE			
Total	0.5	0.5	0.4
Station time sales	0.9	1.0	0.7
Network compensation	5.9	5.5	2.1
National/regional advertising	1.7	1.8	1.2
Local advertising revenue	0.9	1.3	0.8
Network time sales	0.9	1.0	0.2
Program rights	S	S	S
Production and post-production services	S	S	S
Public and non-commercial programming services	10.3	11.4	1.8
Other operating services revenue	1.9	2.4	1.4
OPERATING EXPENSES			
Total	0.6	0.6	0.7
Annual payroll	1.0	1.1	0.7
Employer's contributions to employee benefit plans	1.2	1.2	0.7
Contract labor	2.5	5.9	2.5
Total materials and supplies	7.1	2.9	5.7
Computer and other business equipment and supplies	18.7	6.0	8.6
Other materials, parts, and supplies	3.4	3.9	3.4
Total purchased services	1.0	0.9	0.7
Custom coded software and system design and support services	7.2	7.3	7.2
Data processing and other purchased computer services	1.9	1.3	1.2
Purchased communication services	1.5	1.1	0.9
Purchased advertising and promotional services	0.7	0.5	0.5
Purchased electricity	3.4	2.8	1.7
Purchased fuels (except motor fuels)	13.3	1.9	13.0
Purchased management consulting, admin., and other prof. services ...	3.0	1.8	3.4
Lease and rental payments	1.8	2.1	1.2
All other purchased services	1.1	2.6	1.8
Broadcast rights and music license fees	0.8	0.9	0.8
Depreciation	4.5	1.8	4.1
Taxes and license fees	5.3	1.3	5.5
Other operating expenses (including network compensation fees)	2.0	1.1	1.3

S Data do not meet publication standards because of high sampling variability or poor response quality.

Note: The introduction and appendixes give information on confidentiality protection, sampling error, nonsampling error, sample design, and definitions. Links to this information on the Internet may be found at www.census.gov/svsd/www/cv.html.

Table A-3.3.4. Cable Networks and Program Distribution (NAICS 5132)—Estimated Coefficients of Variation for Revenue and Expenses for Employer Firms: 2003 and 2004

[Estimates are based on data from the 2004 Service Annual Survey and administrative data and are published as percents. Estimates for 2003 are revised to reflect historical corrections to individual responses]

Item	Coefficients of variation for revenue and expenses		
	2004	2003	Year-to-year ratio 2004/2003
OPERATING REVENUE			
Total	0.7	0.4	0.7
Air time (advertising)	0.6	0.2	0.7
Specialty programming service	0.3	0.5	0.5
Basic programming package	1.0	0.4	0.9
Premium cable programming packages	1.2	0.4	1.2
Pay-per-view service	1.0	0.8	0.7
Program distribution installation services	3.5	2.9	1.6
Program distribution equipment sales and rentals	1.3	0.7	1.4
Other program distribution related services	1.0	0.7	1.0
Internet access services	1.1	1.1	0.7
Basic fixed local telephony	1.2	1.2	0.4
Basic fixed long-distance	1.5	1.6	0.7
Other communication services	2.6	2.3	1.1
Other operating revenue	1.5	1.6	1.3
OPERATING EXPENSES			
Total	1.0	0.5	0.9
Annual payroll	1.2	0.5	0.9
Employer's contributions to employee benefit plans	0.9	0.7	0.7
Contract labor	1.3	1.2	0.6
Total materials and supplies	1.4	1.3	0.8
Computer and other business equipment and supplies	2.0	1.5	1.9
Other materials, parts, and supplies	1.7	1.7	1.2
Total purchased services	1.7	0.9	1.5
Custom coded software and system design and support services	5.3	S	S
Data processing and other purchased computer services	2.5	0.6	2.8
Purchased communication services	2.7	2.1	1.5
Purchased advertising and promotional services	1.1	0.5	0.9
Purchased electricity	1.8	2.5	2.0
Purchased fuels (except motor fuels)	1.2	0.6	0.9
Purchased management consulting, admin., and other prof. services ...	1.9	2.0	1.3
Lease and rental payments	1.1	0.9	1.0
All other purchased services	5.1	1.8	4.4
Program and production costs	1.0	0.4	1.0
Depreciation	1.0	1.0	1.2
Taxes and license fees	2.2	0.8	1.6
Other operating expenses	0.9	0.6	0.7

S Data do not meet publication standards because of high sampling variability or poor response quality.

Note: The introduction and appendixes give information on confidentiality protection, sampling error, nonsampling error, sample design, and definitions. Links to this information on the Internet may be found at www.census.gov/svsd/www/cv.html.

Table A-3.3.5. Cable Networks (NAICS 51321)—Estimated Coefficients of Variation for Revenue and Expenses for Employer Firms: 2003 and 2004

[Estimates are based on data from the 2004 Service Annual Survey and administrative data and are published as percents. Estimates for 2003 are revised to reflect historical corrections to individual responses]

Item	Coefficients of variation for revenue and expenses		
	2004	2003	Year-to-year ratio 2004/2003
OPERATING REVENUE			
Total	0.4	0.4	0.6
Air time (advertising)	0.8	0.1	0.8
Specialty programming service	0.2	0.5	0.5
Other operating revenue	1.0	2.2	1.6
OPERATING EXPENSES			
Total	1.4	0.7	1.3
Annual payroll	2.4	1.0	1.7
Employer's contributions to employee benefit plans	1.4	1.4	0.8
Contract labor	5.0	5.6	0.6
Total materials and supplies	2.1	1.2	1.4
Computer and other business equipment and supplies	2.6	1.2	2.2
Other materials, parts, and supplies	1.9	1.6	1.1
Total purchased services	2.8	1.5	1.8
Custom coded software and system design and support services	4.0	10.2	4.1
Data processing and other purchased computer services	10.6	S	S
Purchased communication services	1.8	6.4	3.8
Purchased advertising and promotional services	2.0	0.7	1.3
Purchased electricity	0.5	8.8	4.5
Purchased fuels (except motor fuels)	S	0.2	S
Purchased management consulting, admin., and other prof. services ...	6.4	5.6	2.3
Lease and rental payments	1.4	0.5	1.4
All other purchased services	6.3	3.7	4.0
Program and production costs	0.8	0.3	1.0
Depreciation	3.3	5.5	4.9
Taxes and license fees	0.4	0.8	0.7
Other operating expenses	0.5	0.3	0.6

S Data do not meet publication standards because of high sampling variability or poor response quality.

Note: The introduction and appendixes give information on confidentiality protection, sampling error, nonsampling error, sample design, and definitions. Links to this information on the Internet may be found at www.census.gov/svsd/www/cv.html.

Table A-3.3.6. Cable and Other Program Distribution (NAICS 51322)—Estimated Coefficients of Variation for Revenue and Expenses for Employer Firms: 2003 and 2004

[Estimates are based on data from the 2004 Service Annual Survey and administrative data and are published as percents. Estimates for 2003 are revised to reflect historical corrections to individual responses]

Item	Coefficients of variation for revenue and expenses		
	2004	2003	Year-to-year ratio 2004/2003
OPERATING REVENUE			
Total	1.0	0.5	0.9
Air time (advertising)	1.0	0.7	0.9
Basic programming package	1.0	0.4	0.9
Premium cable programming packages	1.2	0.4	1.2
Pay-per-view service	1.0	0.8	0.7
Program distribution installation services	3.5	2.9	1.6
Program distribution equipment sales and rentals	1.3	0.7	1.4
Other program distribution related services	1.0	0.7	1.0
Internet access services	1.1	1.1	0.7
Basic fixed local telephony	1.2	1.2	0.4
Basic fixed long-distance	1.5	1.6	0.7
Other communication services	2.6	2.3	1.1
Other operating revenue	2.4	1.5	2.1
OPERATING EXPENSES			
Total	1.1	0.6	0.9
Annual payroll	1.1	0.7	0.8
Employer's contributions to employee benefit plans	1.0	0.8	0.8
Contract labor	1.4	1.2	0.7
Total materials and supplies	1.7	1.5	1.1
Computer and other business equipment and supplies	3.1	2.0	3.4
Other materials, parts, and supplies	1.9	2.0	1.3
Total purchased services	1.5	1.0	1.6
Custom coded software and system design and support services	6.2	S	S
Data processing and other purchased computer services	2.5	0.6	2.8
Purchased communication services	2.9	1.8	1.7
Purchased advertising and promotional services	1.0	0.9	0.8
Purchased electricity	1.9	2.4	2.0
Purchased fuels (except motor fuels)	1.2	0.6	0.9
Purchased management consulting, admin., and other prof. services ...	1.5	2.2	1.5
Lease and rental payments	1.3	1.4	1.1
All other purchased services	4.7	2.1	5.1
Program and production costs	1.4	0.6	1.2
Depreciation	1.0	0.8	1.0
Taxes and license fees	2.5	0.9	2.0
Other operating expenses	1.1	0.7	0.8

S Data do not meet publication standards because of high sampling variability or poor response quality.

Note: The introduction and appendixes give information on confidentiality protection, sampling error, nonsampling error, sample design, and definitions. Links to this information on the Internet may be found at www.census.gov/svsd/www/cv.html.

Table A-3.3.7. **Cable and Other Program Distribution (NAICS 51322)—Estimated Coefficients of Variation for Cable System and Multichannel Video Distribution Revenue by Type of Customer for Employer Firms: 2003 and 2004**

[Estimates are based on data from the 2004 Service Annual Survey and administrative data and are published as percents. Estimates for 2003 are revised to reflect historical corrections to individual responses]

Item	Total	Type of customer		
		Residential	Business	Public
CABLE SYSTEMS AND MULTICHANNEL VIDEO DISTRIBUTION REVENUE				
Millions of Dollars				
2004	1.0	1.0	14.0	S
2003	0.4	0.4	1.2	S
Year-to-Year Ratio				
2004/2003	1.0	0.7	15.5	S

S Data do not meet publication standards because of high sampling variability or poor response quality.

Note: The introduction and appendixes give information on confidentiality protection, sampling error, nonsampling error, sample design, and definitions. Links to this information on the Internet may be found at www.census.gov/svsd/www/cv.html.

Table A-3.3.8. Telecommunications (NAICS 5133)—Estimated Coefficients of Variation for Revenue and Expenses for Employer Firms: 2003 and 2004

[Estimates are based on data from the 2004 Service Annual Survey and administrative data and are published as percents. Estimates for 2003 are revised to reflect historical corrections to individual responses]

Item	Coefficients of variation for revenue and expenses		
	2004	2003	Year-to-year ratio 2004/2003
OPERATING REVENUE			
Total	0.6	0.5	0.3
Fixed total	1.2	0.9	0.6
Fixed local	1.2	1.2	0.5
Basic service	1.3	1.2	0.6
Fixed value-added services	1.8	1.8	0.4
Fixed long-distance	3.6	2.9	1.0
Outbound service	4.1	3.4	1.0
Inbound service	1.8	1.4	1.5
Fixed all distance	7.9	S	1.4
Dedicated network services	1.6	1.2	1.1
Data transmission services	1.2	1.2	0.4
Mobile total	0.5	0.5	0.4
Mobile telephony services	0.5	0.3	0.2
Local access and use	0.6	0.4	0.2
Mobile value-added services	0.5	0.6	0.7
Mobile long-distance	2.3	0.5	2.3
Mobile all distance	0.7	0.4	0.6
Dedicated network services	S	S	S
Other mobile telephony revenue	1.3	S	S
Messaging services	2.4	2.4	1.8
Mobile dispatch services	18.6	S	S
Carrier services	1.6	1.6	0.4
Network access	1.7	1.9	0.4
Other carrier services	11.5	10.8	2.0
Other telecommunications services	3.6	2.2	1.6
Internet backbone services	5.7	6.1	2.9
Internet access services	8.9	5.5	3.8
Multichannel programming distribution services	S	S	S
Other telecommunications related services	2.9	0.7	2.6
Other services revenue	1.6	1.7	0.5
Telecommunications network installation services	2.0	2.2	1.6
Telecommunications equipment sales	1.3	1.6	1.0
Telecommunications equipment rental	1.6	2.1	0.9
Telecommunications equipment maintenance	13.0	10.5	5.2
Network design and development services, other than security	S	S	S
Sales of directory advertising space	4.6	4.0	1.0
Rental or sale of mailing lists	S	S	S
Other revenue	2.6	2.8	0.6

See footnotes at end of table.

Table A-3.3.8. **Telecommunications (NAICS 5133)—Estimated Coefficients of Variation for Revenue and Expenses for Employer Firms: 2003 and 2004—Con.**

[Estimates are based on data from the 2004 Service Annual Survey and administrative data and are published as percents. Estimates for 2003 are revised to reflect historical corrections to individual responses]

Item	Coefficients of variation for revenue and expenses		
	2004	2003	Year-to-year ratio 2004/2003
OPERATING EXPENSES			
Total	0.7	0.6	0.4
Annual payroll	0.9	1.0	0.9
Employer's contributions to employee benefit plans	1.1	1.6	0.9
Contract labor	1.7	2.1	1.5
Total materials and supplies	2.4	2.4	0.9
Computer and other business equipment and supplies	1.3	1.2	0.9
Other materials, parts, and supplies	3.9	4.0	1.1
Total purchased services	1.8	0.8	1.5
Custom coded software and system design and support services	3.0	3.3	1.3
Data processing and other purchased computer services	2.3	1.6	0.9
Purchased communication services	2.1	1.8	1.1
Purchased advertising and promotional services	1.9	1.3	0.9
Purchased electricity	1.2	1.1	0.3
Purchased fuels (except motor fuels)	2.2	2.3	0.9
Purchased management consulting, admin., and other prof. services ...	10.4	1.5	7.9
Lease and rental payments	0.8	1.2	0.9
All other purchased services	3.7	2.8	1.4
Access charges	2.6	2.5	0.4
Depreciation	0.9	1.0	0.2
Universal service contributions and other similar charges	1.6	1.5	0.4
Taxes and license fees	1.0	1.2	0.5
Other operating expenses	0.7	0.6	0.8

S Data do not meet publication standards because of high sampling variability or poor response quality.

Note: The introduction and appendixes give information on confidentiality protection, sampling error, nonsampling error, sample design, and definitions. Links to this information on the Internet may be found at www.census.gov/svsd/www/cv.html.

Table A-3.3.9. Telecommunications (NAICS 5133)—Estimated Coefficients of Variation for Local, Long-Distance, and Network Access Revenue by Type of Customer and Type of Service for Employer Firms: 2003 and 2004

[Estimates are based on data from the 2004 Service Annual Survey and administrative data and are published as percents. Estimates for 2003 are revised to reflect historical corrections to individual responses]

Item	Total	Type of customer			Type of service		
		Residential	Business	Public	Intrastate	Interstate	International
LOCAL SERVICE							
Millions of Dollars							
2004	1.2	1.5	3.2	S	1.3	S	X
2003	1.2	1.5	2.7	S	1.2	S	X
Year-to-Year Ratio							
2004/2003	0.5	0.3	1.1	S	0.5	S	X
LONG-DISTANCE SERVICE							
Millions of Dollars							
2004	3.6	5.2	2.5	S	4.9	3.1	3.4
2003	2.9	4.4	S	S	4.1	2.4	3.2
Year-to-Year Ratio							
2004/2003	1.0	0.9	S	S	1.0	1.2	1.0
NETWORK ACCESS							
Millions of Dollars							
2004	1.7	S	S	S	2.5	1.6	S
2003	1.9	S	S	S	2.8	1.7	S
Year-to-Year Ratio							
2004/2003	0.4	S	S	S	0.6	0.3	S

S Data do not meet publication standards because of high sampling variability or poor response quality. X Not applicable.

Note: The introduction and appendixes give information on confidentiality protection, sampling error, nonsampling error, sample design, and definitions. Links to this information on the Internet may be found at www.census.gov/svsd/www/cv.html.

Table A-3.3.10. Wired Telecommunications Carriers (NAICS 51331)—Estimated Coefficients of Variation for Revenue and Expenses for Employer Firms: 2003 and 2004

[Estimates are based on data from the 2004 Service Annual Survey and administrative data and are published as percents. Estimates for 2003 are revised to reflect historical corrections to individual responses]

Item	Coefficients of variation for revenue and expenses		
	2004	2003	Year-to-year ratio 2004/2003
OPERATING REVENUE			
Total	1.0	0.7	0.5
Fixed total	1.3	0.9	0.6
Fixed local	1.2	1.1	0.5
Basic service	1.3	1.2	0.5
Fixed value-added services	1.9	1.8	0.5
Fixed long-distance	4.1	3.2	1.1
Outbound service	4.8	3.8	1.1
Inbound service	1.4	1.2	0.6
Fixed all distance	8.1	S	S
Dedicated network services	2.0	1.3	1.3
Data transmission services	1.3	1.3	0.4
Mobile total	S	S	S
Carrier services	1.5	1.6	0.4
Network access	1.8	2.0	0.4
Other carrier services	16.6	15.5	0.7
Other telecommunications services	6.0	3.6	2.5
Internet backbone services	5.9	6.2	3.0
Internet access services	S	3.2	S
Multichannel programming distribution services	S	S	S
Other telecommunications related services	10.9	1.8	8.6
Other services revenue	1.4	1.5	0.5
Telecommunications network installation services	2.1	2.5	0.9
Telecommunications equipment sales	2.1	3.2	2.0
Telecommunications equipment rental	1.8	2.1	0.5
Telecommunications equipment maintenance	14.5	12.1	1.9
Network design and development services, other than security	S	S	S
Sales of directory advertising space	4.6	4.1	0.8
Rental or sale of mailing lists	S	S	S
Other revenue	S	S	S
OPERATING EXPENSES			
Total	1.0	1.0	0.4
Annual payroll	1.3	1.4	1.1
Employer's contributions to employee benefit plans	1.5	2.1	1.1
Contract labor	2.9	3.5	1.7
Total materials and supplies	3.6	3.4	0.8
Computer and other business equipment and supplies	2.0	1.8	0.8
Other materials, parts, and supplies	5.5	5.4	1.3
Total purchased services	2.7	1.1	2.4
Custom coded software and system design and support services	4.1	5.1	1.4
Data processing and other purchased computer services	2.4	1.7	1.1
Purchased communication services	2.0	1.9	1.5
Purchased advertising and promotional services	5.0	3.2	1.6
Purchased electricity	1.3	1.3	0.4
Purchased fuels (except motor fuels)	2.4	2.3	0.3
Purchased management consulting, admin., and other prof. services	13.7	1.9	10.0
Lease and rental payments	1.5	2.1	1.5
All other purchased services	2.0	1.5	2.2
Access charges	3.0	3.0	0.4
Depreciation	1.5	1.6	0.3
Universal service contributions and other similar charges	2.3	1.9	0.5
Taxes and license fees	1.4	1.4	0.5
Other operating expenses	S	1.4	S

S Data do not meet publication standards because of high sampling variability or poor response quality.

Note: The introduction and appendixes give information on confidentiality protection, sampling error, nonsampling error, sample design, and definitions. Links to this information on the Internet may be found at www.census.gov/svsd/www/cv.html.

Table A-3.3.11. **Wired Telecommunications Carriers (NAICS 51331)—Estimated Coefficients of Variation for Local, Long-Distance, and Network Access Revenue by Type of Customer and Type of Service for Employer Firms: 2003 and 2004**

[Estimates are based on data from the 2004 Service Annual Survey and administrative data and are published as percents. Estimates for 2003 are revised to reflect historical corrections to individual responses]

Item	Total	Type of customer			Type of service		
		Residential	Business	Public	Intrastate	Interstate	International
LOCAL SERVICE							
Millions of Dollars							
2004	1.2	1.6	3.2	S	1.3	S	X
2003	1.1	1.6	2.7	S	1.1	S	X
Year-to-Year Ratio							
2004/2003	0.5	0.3	1.1	S	0.5	S	X
LONG-DISTANCE SERVICE							
Millions of Dollars							
2004	4.1	5.8	2.9	S	5.5	3.7	3.8
2003	3.2	4.8	S	S	4.6	2.6	3.4
Year-to-Year Ratio							
2004/2003	1.1	0.9	S	S	1.0	1.2	0.8
NETWORK ACCESS							
Millions of Dollars							
2004	1.8	S	1.4	S	2.7	1.7	5.1
2003	2.0	S	S	S	3.0	1.7	4.3
Year-to-Year Ratio							
2004/2003	0.4	S	S	S	0.5	0.3	0.7

S Data do not meet publication standards because of high sampling variability or poor response quality. X Not applicable.

Note: The introduction and appendixes give information on confidentiality protection, sampling error, nonsampling error, sample design, and definitions. Links to this information on the Internet may be found at www.census.gov/svsd/www/cv.html.

Table A-3.3.12. Cellular and Other Wireless Telecommunications (NAICS 513322)—Estimated Coefficients of Variations for Revenue and Expenses for Employer Firms: 2003 and 2004

[Estimates are based on data from the 2004 Service Annual Survey and administrative data and are published as percents. Estimates for 2003 are revised to reflect historical corrections to individual responses]

Item	Coefficients of variation for revenue and expenses		
	2004	2003	Year-to-year ratio 2004/2003
OPERATING REVENUE			
Total	0.4	0.2	0.3
Mobile total	0.5	0.2	0.2
Mobile telephony services	0.5	0.2	0.2
Local access and use	0.5	0.3	0.2
Mobile value-added services	0.5	0.6	0.7
Mobile long-distance	0.5	0.5	0.5
Mobile all distance	0.5	0.4	0.3
Dedicated network services	S	S	S
Other mobile telephony revenue	1.2	S	S
Messaging services	3.7	3.2	2.7
Mobile dispatch services	S	S	S
Carrier services	2.4	0.6	2.5
Network access	0.6	0.4	0.3
Other carrier services	4.3	1.3	4.7
Other telecommunications services	0.5	0.4	0.2
Other services revenue ¹	1.1	1.1	0.9
OPERATING EXPENSES			
Total	0.5	0.5	0.6
Annual payroll	0.4	1.1	1.0
Employer's contributions to employee benefit plans	0.4	0.4	0.5
Contract labor	S	1.0	S
Total materials and supplies	3.0	0.7	2.7
Computer and other business equipment and supplies	2.9	0.9	2.9
Other materials, parts, and supplies	3.9	1.3	4.0
Total purchased services	0.6	0.6	0.8
Custom coded software and system design and support services	1.3	0.6	1.6
Data processing and other purchased computer services	5.9	4.8	1.4
Purchased communication services	0.6	0.6	0.5
Purchased advertising and promotional services	0.6	0.9	1.0
Purchased electricity	1.3	1.2	1.2
Purchased fuels (except motor fuels)	0.4	12.8	5.6
Purchased management consulting, admin., and other prof. services ..	2.5	1.2	2.0
Lease and rental payments	0.6	0.6	0.7
All other purchased services	0.7	1.2	1.2
Access charges	0.7	0.5	0.4
Depreciation	0.5	0.3	0.3
Universal service contributions and other similar charges	0.6	0.5	0.3
Taxes and license fees	0.5	0.5	0.6
Other operating expenses	0.6	0.7	0.8

S Data do not meet publication standards because of high sampling variability or poor response quality.

¹Includes fixed telecommunications revenue.

Note: The introduction and appendixes give information on confidentiality protection, sampling error, nonsampling error, sample design, and definitions. Links to this information on the Internet may be found at www.census.gov/svsd/www/cv.html.

Table A-3.3.13. Telecommunications Resellers (NAICS 51333)—Estimated Coefficients of Variation for Revenue and Expenses for Employer Firms: 2003 and 2004

[Estimates are based on data from the 2004 Service Annual Survey and administrative data and are published as percents. Estimates for 2003 are revised to reflect historical corrections to individual responses]

Item	Coefficients of variation for revenue and expenses		
	2004	2003	Year-to-year ratio 2004/2003
OPERATING REVENUE			
Total	6.3	4.5	3.4
Fixed total	6.3	6.5	2.3
Fixed local	9.0	9.6	6.5
Fixed long-distance	7.7	8.9	3.1
Fixed all distance	S	S	S
Dedicated network services	S	S	S
Data transmission services	6.9	4.9	4.3
Mobile total	S	S	18.9
Carrier services	16.9	8.5	5.3
Other telecommunications services	S	S	S
Other services revenue	S	S	S
OPERATING EXPENSES			
Total	5.9	4.0	3.6
Annual payroll	5.8	S	S
Employer's contributions to employee benefit plans	6.8	S	S
Contract labor	10.0	S	S
Total materials and supplies	S	S	S
Computer and other business equipment and supplies	5.5	S	S
Other materials, parts, and supplies	S	S	S
Total purchased services	S	S	S
Custom coded software and system design and support services	S	S	S
Data processing and other purchased computer services	15.2	S	S
Purchased communication services	S	S	S
Purchased advertising and promotional services	17.4	8.2	6.9
Purchased electricity	12.4	S	S
Purchased fuels (except motor fuels)	S	S	S
Purchased management consulting, admin., and other prof. services ...	S	S	S
Lease and rental payments	S	S	6.2
All other purchased services	S	S	S
Access charges	7.2	7.4	11.0
Depreciation	S	S	S
Universal service contributions and other similar charges	11.5	11.7	5.5
Taxes and license fees	S	S	S
Other operating expenses	S	4.6	6.2

S Data do not meet publication standards because of high sampling variability or poor response quality.

Note: The introduction and appendixes give information on confidentiality protection, sampling error, nonsampling error, sample design, and definitions. Links to this information on the Internet may be found at www.census.gov/svsd/www/cv.html.

Table A-3.4.1. **News Syndicates (NAICS 51411) and Libraries and Archives (NAICS 51412)—Estimated Coefficients of Variation for Revenue for Employer Firms: 2003 and 2004**

[Estimates are based on data from the 2004 Service Annual Survey and administrative data and are published as percents. Estimates for 2003 are revised to reflect historical corrections to individual responses]

Item	Coefficients of variation for revenue		
	2004	2003	Year-to-year ratio 2004/2003
NEWS SYNDICATES (NAICS 51411)			
Revenue			
Total	2.5	2.4	2.8
Sources of Revenue			
Fees from supplying information	2.5	2.3	2.9
Other services revenue	8.8	3.5	7.3
LIBRARIES AND ARCHIVES (NAICS 51412)			
Revenue			
Total	3.7	3.7	2.0
Sources of Revenue			
Subsidies, contributions, gifts, and grants	4.8	5.8	3.5
Fees from educational workshops and seminars	S	S	S
Fees and dues from providing access to collections	16.1	19.5	2.7
Sale of books and other educational materials	S	S	S
Other services revenue	11.6	14.4	6.7

S Data do not meet publication standards because of high sampling variability or poor response quality.

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Table A-3.4.2. On-line Information Services (NAICS 514191) and All Other Information Services (NAICS 514199)—Estimated Coefficients of Variation for Revenue for Employer Firms: 2003 and 2004

[Estimates are based on data from the 2004 Service Annual Survey and administrative data and are published as percents. Estimates for 2003 are revised to reflect historical corrections to individual responses]

Item	Coefficients of variation for revenue		
	2004	2003	Year-to-year ratio 2004/2003
ON-LINE INFORMATION SERVICES (NAICS 514191)			
Revenue			
Total	2.5	1.7	1.3
Sources of Revenue			
Internet access services	3.3	2.8	1.1
Advertising	13.5	16.4	4.1
Web site hosting	8.5	5.5	11.4
Internet backbone services	S	S	S
Internet telecommunications services	S	S	S
Information technology consulting services	S	S	S
Information technology design and development	S	S	S
Application service provisioning	S	S	S
Business process management	S	S	S
Video and audio streaming services	S	S	S
Other services revenue	5.5	3.4	3.5
ALL OTHER INFORMATION SERVICES (NAICS 514199)			
Revenue			
Total	2.8	2.6	1.1
Sources of Revenue			
Advertising	S	4.1	S
Web site hosting	S	14.6	S
Internet access services	S	11.3	S
Internet telecommunications services	S	S	S
Information search services	5.5	4.8	1.9
Newspaper clipping services	S	S	S
Stock photo services	5.3	3.2	4.2
Video and audio streaming services	S	11.2	S
Other services revenue	5.8	7.6	2.6

S Data do not meet publication standards because of high sampling variability or poor response quality.

Note: The introduction and appendixes give information on confidentiality protection, sampling error, nonsampling error, sample design, and definitions. Links to this information on the Internet may be found at www.census.gov/svsd/www/cv.html.

Table A-3.4.3. **On-Line Information Services (NAICS 514191)—Estimated Coefficients of Variation for Internet Access Service Revenue by Type of Customer for Employer Firms: 2003 and 2004**

[Estimates are based on data from the 2004 Service Annual Survey and administrative data and are published as percents. Estimates for 2003 are revised to reflect historical corrections to individual responses]

Item	Total	Type of customer		
		Residential	Business	Public
INTERNET ACCESS SERVICE REVENUE				
Millions of Dollars				
2004	3.3	3.1	5.9	S
2003	2.8	2.6	5.4	S
Year-to-Year Ratio				
2004/2003	1.1	1.0	2.2	S

S Data do not meet publication standards because of high sampling variability or poor response quality.

Note: The introduction and appendixes give information on confidentiality protection, sampling error, nonsampling error, sample design, and definitions. Links to this information on the Internet may be found at www.census.gov/svsd/www.cv.html.

Table A-3.4.4. **Data Processing Services (NAICS 5142)—Estimated Coefficients of Variation for Revenue for Employer Firms: 2003 and 2004**

[Estimates are based on data from the 2004 Service Annual Survey and administrative data and are published as percents. Estimates for 2003 are revised to reflect historical corrections to individual responses]

Item	Coefficients of variation for revenue		
	2004	2003	Year-to-year ratio 2004/2003
DATA PROCESSING SERVICES (NAICS 5142)			
Revenue			
Total	1.3	0.9	0.9
Sources of Revenue			
Business process management	2.8	2.8	2.0
Information and document transformation	15.9	S	S
Information technology design and development	2.9	3.0	0.6
Data storage services	6.9	S	S
Data management services	3.7	4.2	2.9
Collocation services	S	S	S
Information technology consulting services	S	S	S
Web site hosting	S	S	S
Software publishing	9.2	3.3	8.0
Rental and leasing of computer hardware	S	S	S
Application service provisioning	15.7	15.5	2.1
Video and audio streaming services	S	S	S
Other services revenue	4.8	4.6	3.0

S Data do not meet publication standards because of high sampling variability or poor response quality.

Note: The introduction and appendixes give information on confidentiality protection, sampling error, nonsampling error, sample design, and definitions. Links to this information on the Internet may be found at www.census.gov/svsd/www/cv.html.

Table A-3.5.1. Information Sector Services (NAICS 51)—Estimated Coefficients of Variation for Total Expenses for Employer Firms: 2003 and 2004

[Estimates are based on data from the 2004 Service Annual Survey and administrative data and are published as percents. Estimates for 2003 are revised to reflect historical corrections to individual responses]

NAICS code	Kind of business	Coefficients of variation for expenses		
		2004	2003	Year-to-year ratio 2004/2003
51	Information	0.4	0.3	0.2
511	Publishing industries	1.0	0.7	0.6
5111	Newspaper, periodical, book, database, and other publishers	0.4	0.3	0.3
51111	Newspaper publishers	0.6	0.6	0.3
51112	Periodical publishers	0.9	0.7	0.9
51113	Book publishers	0.8	0.8	0.6
51114	Database and directory publishers	0.9	1.4	0.6
51119	Other publishers	3.6	S	S
511191	Greeting card publishers	1.3	S	S
511199	All other publishers	7.6	S	S
5112	Software publishers	2.3	6.2	1.4
512	Motion picture and sound recording industries	1.3	0.9	1.3
5121	Motion picture and video industries	1.6	1.2	1.7
5121x	Motion picture and video production and distribution ¹	1.9	1.5	1.9
51213	Motion picture and video exhibition	2.0	1.8	1.9
512131	Motion picture theaters (except drive-ins)	2.0	1.8	1.9
512132	Drive-in motion picture theaters	S	S	S
51219	Postproduction services and other motion picture and video industries	2.3	2.7	1.8
512191	Teleproduction and other postproduction services	3.3	3.6	2.1
512199	Other motion picture and video industries	2.3	1.2	1.8
5122	Sound recording	0.5	0.3	0.5
51221	Record production	5.8	S	S
51222	Integrated record production/distribution	0.3	0.2	0.1
51223	Music publishers	1.9	1.2	1.8
51224	Sound recording studios	9.5	3.0	10.6
51229	Other sound recording industries	S	S	S
513	Broadcasting and telecommunications	0.6	0.5	0.3
5131	Radio and television broadcasting	0.5	0.4	0.5
51311	Radio broadcasting	1.5	1.1	1.0
513111	Radio networks	1.5	0.9	1.5
513112	Radio stations	2.1	1.4	1.3
51312	Television broadcasting	0.6	0.6	0.7
5132	Cable networks and program distribution	1.0	0.5	0.9
51321	Cable networks	1.4	0.7	1.3
51322	Cable and other program distribution	1.1	0.6	0.9
5133	Telecommunications	0.7	0.6	0.4
51331	Wired telecommunications carriers	1.0	1.0	0.4
51332	Wireless telecommunications carriers (except satellite)	0.5	0.5	0.6
513321	Paging	S	S	S
513322	Cellular and other wireless telecommunications	0.5	0.5	0.6
51333	Telecommunications resellers	5.9	4.0	3.6
51334	Satellite telecommunications	1.5	1.1	1.0
51339	Other telecommunications	13.1	S	S
514	Information services and data processing services	0.8	0.5	0.7
5141	Information services	1.9	1.9	0.9
51411	News syndicates	2.1	1.9	2.0
51412	Libraries and archives	4.7	3.7	2.3
51419	Other information services	2.2	S	S
514191	On-line information services	2.9	S	S
514199	All other information services	3.7	3.9	1.8
5142	Data processing services	1.6	1.2	0.9

S Data do not meet publication standards because of high sampling variability or poor response quality.

¹Includes NAICS 51211 (motion picture and video production) and NAICS 51212 (motion picture and video distribution).

Note: The introduction and appendixes give information on confidentiality protection, sampling error, nonsampling error, sample design and definitions. Links to this information on the Internet may be found at www.census.gov/svsd/www/cv.html.

Table A-3.5.2. Publishing Industries (NAICS 511), Motion Picture and Sound Recording Industries (NAICS 512), Information Services and Data Processing Services (NAICS 514)—Estimated Coefficients of Variation for Selected Expenses for Employer Firms: 2003 and 2004

[Estimates are based on data from the 2004 Service Annual Survey and administrative records. Estimates for 2003 are revised to reflect historical corrections to individual responses]

Item	Coefficients of variation for expenses		
	2004	2003	Year-to-year ratio 2004/2003
PUBLISHING INDUSTRIES (NAICS 511)			
Operating Expenses			
Total	1.0	0.7	0.6
Contract labor	5.4	3.7	3.7
Total materials and supplies	1.6	1.7	1.4
Computer and other business equipment and supplies	5.7	5.5	2.1
Other materials, parts, and supplies	1.5	0.9	1.6
Total purchased services	1.5	0.9	1.4
Custom coded software and system design and support services	15.0	12.2	2.6
Data processing and other purchased computer services	2.6	3.0	2.5
Purchased communication services	1.9	1.3	1.3
Purchased electricity	1.6	1.2	0.9
Purchased fuels (except motor fuels)	2.8	1.8	1.8
Purchased management consulting, admin., and other prof. services ...	2.2	2.4	1.5
Lease and rental payments	2.3	3.5	1.3
Purchased printing	2.3	2.4	1.3
Purchased software reproduction	5.0	7.1	7.3
All other purchased services	3.5	1.5	3.5
All other operating expenses	1.0	NA	NA
MOTION PICTURE AND SOUND RECORDING INDUSTRIES (NAICS 512)			
Operating Expenses			
Total	1.3	0.9	1.3
Contract labor	14.9	9.2	S
Total materials and supplies	3.2	3.2	4.7
Computer and other business equipment and supplies	6.4	9.4	7.8
Other materials, parts, and supplies	3.8	3.7	4.8
Total purchased services	3.1	2.2	3.1
Custom coded software and system design and support services	6.6	6.9	8.1
Data processing and other purchased computer services	3.4	1.8	2.7
Purchased communication services	3.6	2.9	2.2
Purchased electricity	1.5	1.4	1.5
Purchased fuels (except motor fuels)	8.3	6.3	6.0
Purchased management consulting, admin., and other prof. services ...	4.5	3.2	2.4
Lease and rental payments	2.7	2.0	2.7
All other purchased services	7.0	4.1	7.4
All other operating expenses	1.3	NA	NA

See footnotes at end of table.

Table A-3.5.2. Publishing Industries (NAICS 511), Motion Picture and Sound Recording Industries (NAICS 512), Information Services and Data Processing Services (NAICS 514)—Estimated Coefficients of Variation for Selected Expenses for Employer Firms: 2003 and 2004—Con.

[Estimates are based on data from the 2004 Service Annual Survey and administrative records]

Item	Coefficients of variation for expenses		
	2004	2003	Year-to-year ratio 2004/2003
INFORMATION SERVICES AND DATA PROCESSING SERVICES (NAICS 514)			
Operating Expenses			
Total	0.8	0.5	0.7
Contract labor	4.0	4.5	2.0
Total materials and supplies	2.3	3.2	1.9
Computer and other business equipment and supplies	3.0	4.0	2.0
Other materials, parts, and supplies	2.5	2.0	2.8
Total purchased services	1.1	1.4	1.3
Custom coded software and system design and support services	10.2	11.2	6.1
Data processing and other purchased computer services	6.9	11.6	5.4
Purchased communication services	2.3	2.2	1.7
Purchased electricity	3.4	6.7	5.5
Purchased fuels (except motor fuels)	8.1	2.8	8.1
Purchased management consulting, admin., and other prof. services ...	1.7	0.9	1.7
Lease and rental payments	1.9	2.1	1.4
All other purchased services	2.6	4.8	4.1
All other operating expenses	1.2	NA	NA

NA Not available. S Data do not meet publication standards because of high sampling variability or poor response quality.

Note: The introduction and appendixes give information on confidentiality protection, sampling error, nonsampling error, sample design and definitions. Links to this information on the Internet may be found at www.census.gov/svsd/www/cv.html.