

Table A-3.0.1. Information Sector Services (NAICS 51)—Estimated Coefficients of Variation for Revenue for Employer Firms: 2002 and 2003

[Estimates are based on data from the 2003 Service Annual Survey and administrative data and are published as percents. Estimates for 2002 are revised to reflect historical corrections to individual responses]

NAICS code	Kind of business	Coefficients of variation for revenue		
		2003	2002	Year-to-year ratio 2003/2002
51	Information	0.6	0.6	0.3
511	Publishing industries	1.6	1.6	0.5
5111	Newspaper, periodical, book, database, and other publishers	0.6	0.7	0.2
51111	Newspaper publishers	0.8	0.7	0.4
51112	Periodical publishers	1.4	1.3	0.6
51113	Book publishers	1.1	1.4	0.6
51114	Database and directory publishers	1.4	1.5	0.5
51119	Other publishers	3.4	3.8	1.2
511191	Greeting card publishers	3.0	3.7	0.8
511199	All other publishers	5.5	6.2	2.4
5112	Software publishers	4.3	4.3	1.1
512	Motion picture and sound recording industries	2.2	2.3	0.6
5121	Motion picture and video	2.7	2.8	0.7
5121x	Motion picture and video production and distribution ¹	3.3	3.7	0.9
51213	Motion picture and video exhibition	4.6	4.7	1.5
512131	Motion picture theaters (except drive-ins)	4.7	4.8	1.5
512132	Drive-in motion picture theaters	S	S	S
51219	Postproduction services and other motion picture and video industries	17.4	14.7	2.3
512191	Teleproduction and other postproduction services	17.6	14.5	2.9
512199	Other motion picture and video industries	21.1	20.6	1.2
5122	Sound recording	0.7	0.6	0.3
51221	Record production	8.7	7.8	4.4
51222	Integrated record production/distribution	0.2	0.2	0.2
51223	Music publishers	2.8	2.6	0.8
51224	Sound recording studios	10.9	11.2	2.8
51229	Other sound recording industries	3.4	3.5	1.7
513	Broadcasting and telecommunications	0.7	0.7	0.4
5131	Radio and television broadcasting	1.3	1.3	0.3
51311	Radio broadcasting	3.6	3.5	0.7
513111	Radio networks	3.3	3.4	0.8
513112	Radio stations	4.0	3.8	0.8
51312	Television broadcasting	1.4	1.3	0.5
5132	Cable networks and program distribution	1.2	1.2	0.4
51321	Cable networks	0.5	0.3	0.4
51322	Cable and other program distribution	1.7	1.8	0.5
5133	Telecommunications	1.0	1.0	0.5
51331	Wired telecommunications carriers	1.5	1.5	0.7
51332	Wireless telecommunications carriers (except satellite)	0.4	0.3	0.3
513321	Paging	5.9	3.6	3.6
513322	Cellular and other wireless telecommunications	0.3	0.3	0.2
51333	Telecommunications resellers	8.4	8.4	4.5
51334	Satellite telecommunications	5.2	5.2	1.2
51339	Other telecommunications	16.2	9.4	15.9
514	Information services and data processing services	2.8	2.6	0.6
5141	Information services	3.4	3.1	1.3
51411	News syndicates	3.0	1.2	2.4
51412	Libraries and archives	11.3	7.4	3.7
51419	Other information services	3.8	3.4	1.4
514191	On-line information services	4.2	3.6	1.5
514199	All other information services	2.8	3.7	2.6
5142	Data processing services	3.7	3.2	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-3.0.2. **Information Sector Services (NAICS 51)—Estimated Coefficients of Variation for Export Revenue for Employer Firms: 2002 and 2003**

[Estimates are based on data from the 2003 Service Annual Survey and administrative data and are published as percents. Estimates for 2002 are revised to reflect historical corrections to individual responses]

NAICS code	Kind of business	Coefficients of variation for export revenue		
		2003	2002	Year-to-year ratio 2003/2002
51	Information	2.5	3.1	1.2
511	Publishing industries	3.8	4.6	1.7
5111	Newspaper, periodical, book, database, and other publishers	2.2	2.6	1.4
5112	Software publishers	4.6	5.5	1.9
512	Motion picture and sound recording industries	2.8	3.5	2.2
5121	Motion picture and video	2.9	3.5	2.3
5122	Sound recording	2.3	1.8	2.2
513	Broadcasting and telecommunications	9.5	11.2	2.6
5131	Radio and television broadcasting	S	S	S
5132	Cable networks and program distribution	0.2	0.2	0.1
5133	Telecommunications	10.6	12.5	2.9
514	Information services and data processing services	9.9	7.6	3.5
5141	Information services	8.9	8.3	4.6
5142	Data processing services	14.6	10.2	4.6

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-3.1.1. Newspaper Publishers (NAICS 5111)—Estimated Coefficients of Variation for Revenue and Inventories for Employer Firms: 2002 and 2003

[Estimates are based on data from the 2003 Service Annual Survey and administrative data and are published as percents. Estimates for 2002 are revised to reflect historical corrections to individual responses]

Item	Coefficients of variation for revenue		
	2003	2002	Year-to-year ratio 2003/2002
REVENUE			
Total	0.8	0.7	0.4
SOURCES OF REVENUE			
Newspapers, print, total	0.8	0.8	0.4
Subscriptions and sales	1.7	1.7	S
Advertising	0.9	0.8	0.6
Newspapers, internet, total	16.1	15.4	8.9
Subscriptions and sales	S	S	S
Advertising	6.3	10.3	9.8
Newspapers, other media, total	7.8	9.4	2.6
Subscriptions and sales	S	2.9	S
Advertising	12.1	14.5	4.7
Contract printing services	6.6	6.2	4.5
Distribution of flyers, inserts, samples, etc.	3.9	4.0	2.5
Graphic design services	S	S	S
Market research	S	3.6	S
Archival sales services	9.5	7.2	6.9
Sale or licensing of rights to content	17.9	18.4	1.8
Rental or sale of mailing lists	9.4	S	S
Non-newspaper publishing	9.9	7.7	5.7
Publishing services for others	14.2	7.4	17.4
Other services revenue	7.1	6.6	5.0
BREAKDOWN OF REVENUE			
General newspapers	0.9	0.9	0.5
Specialized newspapers	12.6	9.4	6.9
Other newspapers	18.8	S	S
INVENTORIES AT END OF YEAR			
Total	5.7	5.4	1.3
Finished goods and work-in-process	16.8	16.8	3.5
Materials, supplies, fuel, etc	5.0	5.0	1.0

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: 2002 and 2003**

[Estimates are based on data from the 2003 Service Annual Survey and administrative data and are published as percents. Estimates for 2002 are revised to reflect historical corrections to individual responses]

Item	Coefficients of variation for revenue		
	2003	2002	Year-to-year ratio 2003/2002
REVENUE			
Total	1.4	1.3	0.6
SOURCES OF REVENUE			
Periodicals, print, total	1.7	1.6	0.8
Subscriptions and sales	2.4	2.3	1.1
Advertising	1.9	2.4	1.1
Periodicals, internet, total	7.1	8.9	3.6
Subscriptions and sales	6.5	7.1	4.1
Advertising	19.1	S	S
Periodicals, other media, total	1.8	2.3	1.2
Subscriptions and sales	1.8	2.3	1.2
Advertising	11.4	3.3	11.6
Contract printing services	5.7	6.5	3.4
Distribution of flyers, inserts, samples, etc.	S	14.1	S
Graphic design services	S	S	S
Sale or licensing of rights to content	9.6	8.7	1.8
Rental or sale of mailing lists	4.0	3.8	1.1
Publishing services for others	18.6	S	S
Other services revenue	4.3	5.7	3.5
BREAKDOWN OF REVENUE			
General interest periodicals	2.4	2.1	1.2
Special interest periodicals	2.6	2.7	1.2
Other periodicals	S	9.1	S
INVENTORIES AT END OF YEAR			
Total	3.6	4.2	2.3
Finished goods and work-in-process	3.3	4.5	2.9
Materials, supplies, fuel, etc	S	4.8	S

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

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Table A-3.1.3. Book Publishers (NAICS 51113)—Estimated Coefficients of Variation for Revenue and Inventories for Employer Firms: 2002 and 2003

[Estimates are based on data from the 2003 Service Annual Survey and administrative data and are published as percents. Estimates for 2002 are revised to reflect historical corrections to individual responses]

Item	Coefficients of variation for revenue		
	2003	2002	Year-to-year ratio 2003/2002
REVENUE			
Total	1.1	1.4	0.6
SOURCES OF REVENUE			
Books, print, total	1.4	1.6	0.6
Books, internet, total	1.3	0.5	1.3
Books, other media, total	7.0	2.5	7.8
Sale or licensing of rights to content	4.1	9.0	5.7
Contract printing services	S	1.0	S
Fulfillment services	11.0	11.3	3.1
Rental or sale of mailing lists	S	4.9	S
Publishing services for others	18.8	19.8	11.7
Other services revenue	5.3	5.2	3.6
BREAKDOWN OF REVENUE			
Books, print, total	1.4	1.6	0.6
Textbooks	2.4	3.2	1.4
Children's books	S	6.7	S
General reference books	2.5	5.3	4.3
Professional, technical and scholarly books	4.3	2.5	2.9
Adult trade books	4.0	5.7	4.4
Other books	S	13.4	S
Books, internet, total	1.3	0.5	1.3
Textbooks	S	1.1	S
Children's books	S	S	S
General reference books	S	3.8	S
Professional, technical and scholarly books	0.5	0.3	0.3
Adult trade books	S	2.9	1.6
Other books	S	S	S
Books, other media, total	7.0	2.5	7.8
Textbooks	S	4.1	S
Children's books	S	1.5	S
General reference books	0.6	0.9	0.3
Professional, technical and scholarly books	8.6	1.8	9.1
Adult trade books	S	2.7	S
Other books	S	19.5	S
INVENTORIES AT END OF YEAR			
Total	5.2	3.2	2.0
Finished goods and work-in-process	4.9	3.2	1.9
Materials, supplies, fuel, etc	15.3	5.6	7.0

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: 2002 and 2003**

[Estimates are based on data from the 2003 Service Annual Survey and administrative data and are published as percents. Estimates for 2002 are revised to reflect historical corrections to individual responses]

Item	Coefficients of variation for revenue		
	2003	2002	Year-to-year ratio 2003/2002
REVENUE			
Total	1.4	1.5	0.5
SOURCES OF REVENUE			
Directories, databases, and other collections of information, print, total ...	1.2	1.0	0.4
Subscriptions and sales	4.3	5.9	2.1
Advertising	1.2	1.1	0.4
Directories, databases, and other collections of information, internet, total	2.6	8.9	4.3
Subscriptions and sales	S	S	S
Advertising	0.9	0.8	0.9
Directories, databases, and other collections of information, other media, total	2.0	1.2	1.1
Subscriptions and sales	2.0	1.2	1.1
Advertising	1.7	9.9	6.3
Rental or sale of mailing lists	11.5	10.7	3.9
Contract printing services	S	S	S
Sale or licensing of rights to content	S	14.3	S
Publishing services for others	9.7	1.0	10.0
Other services revenue	5.2	5.3	1.4
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: 2002 and 2003**

[Estimates are based on data from the 2003 Service Annual Survey and administrative data and are published as percents. Estimates for 2002 are revised to reflect historical corrections to individual responses]

Item	Coefficients of variation for revenue		
	2003	2002	Year-to-year ratio 2003/2002
REVENUE			
Total	3.0	3.7	0.8
SOURCES OF REVENUE			
Greeting card publishing	3.7	4.0	0.8
Other revenue	2.7	3.8	1.1
INVENTORIES AT END OF YEAR			
Total	3.7	4.5	1.0
Finished goods and work-in-process	3.3	4.0	0.9
Materials, supplies, fuel, etc	6.0	6.9	1.2

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: 2002 and 2003**

[Estimates are based on data from the 2003 Service Annual Survey and administrative data and are published as percents. Estimates for 2002 are revised to reflect historical corrections to individual responses]

Item	Coefficients of variation for revenue		
	2003	2002	Year-to-year ratio 2003/2002
REVENUE			
Total	5.5	6.2	2.4
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: 2002 and 2003

[Estimates are based on data from the 2003 Service Annual Survey and administrative data and are published as percents. Estimates for 2002 are revised to reflect historical corrections to individual responses]

Item	Coefficients of variation for revenue		
	2003	2002	Year-to-year ratio 2003/2002
REVENUE			
Total	4.3	4.3	1.1
SOURCES OF REVENUE			
System software publishing, total	5.2	4.8	1.7
Operating systems software	5.6	5.4	1.2
Network software	11.7	12.9	4.4
Database management software	5.1	4.3	3.8
Development tools and programming languages software	10.9	11.7	4.0
Other systems software	10.2	3.3	6.5
Application software publishing, total	5.7	5.8	1.1
General business productivity and home use applications	3.7	4.7	1.5
Cross-industry application software	11.4	12.2	2.2
Vertical market application software	17.7	17.2	6.3
Utilities software	8.1	10.6	2.6
Other application software	5.5	13.6	6.6
Custom application design and development services	S	S	S
Customization and integration of packaged software	11.7	10.7	6.2
Information technology consulting services	10.3	8.5	3.0
Application service provisioning	S	S	S
Business process management services	15.9	S	S
Re-sale of computer hardware and software	S	S	S
Information technology related training services	5.6	9.0	5.0
Other services revenue	12.8	11.5	7.4
BREAKDOWN OF REVENUE			
System software publishing, total	5.2	4.8	1.7
Personal computer software	4.5	4.3	0.9
Enterprise software	8.3	7.1	2.9
Mainframe computer software	5.7	6.6	1.6
Other system software	S	S	S
Application software publishing, total	5.7	5.8	1.1
Personal computer software	4.1	5.3	2.1
Enterprise software	7.9	7.7	2.2
Mainframe computer software	S	S	S
Other application software	S	S	S
INVENTORIES AT END OF YEAR			
Total	3.4	3.7	1.6
Finished goods and work-in-process	3.5	3.8	1.6
Materials, supplies, fuel, etc	3.5	3.8	2.2

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-3.2.1. **Motion Picture and Sound Recording Industries (NAICS 512)—Estimated Coefficients of Variation for Revenue and Inventory Estimates for Employer Firms: 2002 and 2003**

[Estimates are based on data from the 2003 Service Annual Survey and administrative data and are published as percents. Estimates for 2002 are revised to reflect historical corrections to individual responses]

Item	Coefficients of variation for revenue		
	2003	2002	Year-to-year ratio 2003/2002
MOTION PICTURE AND SOUND RECORDING INDUSTRIES (NAICS 512)			
Operating Revenue	2.2	2.3	0.6
Total inventories	3.2	2.1	2.3
Finished goods and work-in-process	3.2	2.1	2.3
Materials, supplies, fuel, etc	10.2	14.8	8.3
MOTION PICTURE AND VIDEO (NAICS 5121)			
Operating Revenue	2.7	2.8	0.7
Total inventories	3.3	2.2	2.3
Finished goods and work-in-process	3.3	2.2	2.3
Materials, supplies, fuel, etc	13.9	S	S
SOUND RECORDING¹ (NAICS 5122)			
Operating Revenue	0.7	0.6	0.3
Total inventories	3.1	3.0	1.0
Finished goods and work-in-process	3.5	3.4	1.3
Materials, supplies, fuel, etc	6.3	4.9	1.4

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-3.2.2. **Motion Picture and Video Production and Distribution (NAICS 512110 and NAICS 512120)—Estimated Coefficients of Variation for Revenue for Employer Firms: 2003**

[Estimates are based on data from the 2003 Service Annual Survey and administrative data and are shown as percents]

Item	Coefficients of variation for revenue	
	2003	
OPERATING REVENUE		
Total		3.3
SOURCES OF REVENUE		
Total licensing revenue for integrated producers and distributors		3.8
Total domestic licensing revenue for integrated producers and distributors		4.4
Integrated producers/distributors- domestic licensing of motion picture films		3.9
Integrated producer/distributors- domestic licensing of television programs		5.4
Integrated producers/distributors- domestic licensing of other audiovisual works		7.8
Total international licensing revenue for integrated producers and distributors		3.6
Integrated producers/distributors- international licensing of motion picture films		3.3
Integrated producers/distributors- international licensing of television programs		7.0
Integrated producers/distributors- international licensing of other audiovisual works		2.5
Total revenue from speculatively produced audiovisual works		S
Motion picture producers- speculatively produced motion picture films		S
Motion picture producers- speculatively produced television programs		S
Motion picture producers- other speculatively produced audiovisual works		S
Total revenue from contract production of audiovisual works		16.3
Motion picture producers- contract production of motion picture films		S
Motion picture producers- contract production of television programs		S
Motion picture producers- contract production of commercials		13.5
Motion picture producers- contract production of other audiovisual works		S
Total revenue from licensing distribution rights to others		3.8
Total domestic revenue from licensing distribution rights to others		3.9
Non-distributors- domestic licensing of motion picture films		5.5
Non-distributors- domestic licensing of television programs		3.9
Non-distributors- domestic licensing of other audiovisual works		S
Total international revenue from licensing distribution rights to others		4.8
Non-distributors- international licensing of motion picture films		4.9
Non-distributors- international licensing of television programs		4.0
Non-distributors- international licensing of other audiovisual works		ZZ
Licensing of international rights to others		5.8
Sale of audiovisual works for wholesale, retail, and rental markets		3.4
Other production services		14.9
Studio rental and leasing		19.3
Motion picture and video production equipment rental		S
Merchandise licensing		3.8
Other operating services revenue		6.6

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

Note: The introduction and appendices 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**

[Estimates are based on data from the 2003 Service Annual Survey and administrative data and are shown as percents]

Item	Coefficients of variation for revenue	
	2003	
OPERATING REVENUE		
Total		4.7
SOURCES OF REVENUE		
Total revenue from feature film exhibition		4.8
Feature film exhibition of domestic films		4.8
Feature film exhibition of foreign films		S
Food and beverage sales		4.8
Concessionaire space in movie theaters		17.6
Advertising in movie theaters		3.6
Amusement machine services in movie theaters		5.5
Rental of space in movie theaters		5.5
Other operating services revenue		6.8

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

Note: The introduction and appendices 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. **Teleproduction and Other Motion Picture and Video Industries (NAICS 51219)—Estimated Coefficients of Variation for Revenue for Employer Firms: 2003**

[Estimates are based on data from the 2003 Service Annual Survey and administrative data and are shown as percents]

Item	Coefficients of variation for revenue	
	2003	
OPERATING REVENUE		
Total		17.6
SOURCES OF REVENUE		
Audiovisual postproduction services		14.3
Motion picture film laboratory services		S
Video library services		S
Duplication and copying services		16.3
Script translation		S
Postproduction equipment rentals		S
Other operating services revenue		S

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

Note: The introduction and appendices 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**

[Estimates are based on data from the 2003 Service Annual Survey and administrative data and are shown as percents]

Item	Coefficients of variation for revenue	
	2003	
OPERATING REVENUE		
Total		0.2
SOURCES OF REVENUE		
Licensing of rights to use musical compositions		5.3
Licensing of rights to use musical recordings		1.2
Administration of copyrights for others		S
Sale of recordings		0.2
Distribution of recordings for others		1.8
Print music		1.2
Other operating services revenue		18.7

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

Note: The introduction and appendices 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**

[Estimates are based on data from the 2003 Service Annual Survey and administrative data and are shown as percents]

Item	Coefficients of variation for revenue	
	2003	
OPERATING REVENUE		
Total		2.8
SOURCES OF REVENUE		
Licensing of rights to use musical compositions		3.9
Licensing of rights to use musical recordings		6.3
Administration of copyrights for others		3.1
Sale of recordings		10.4
Distribution of recordings for others		S
Print music		2.2
Other operating services revenue		9.5

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

Note: The introduction and appendices 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**

[Estimates are based on data from the 2003 Service Annual Survey and administrative data and are shown as percents]

Item	Coefficients of variation for revenue	
	2003	
OPERATING REVENUE		
Total		10.9
SOURCES OF REVENUE		
Total revenue from studio recording		9.6
Studio recording- music clients		12.6
Studio recording- spoken word clients		19.8
Studio recording- radio clients		11.6
Studio recording- sound editing and design for audiovisual clients		10.9
Live recording		S
Sound recording studio rental and leasing		15.1
Licensing of recordings from a music library		S
Other operating services revenue		12.6

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

Note: The introduction and appendices 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: 2002 and 2003

[Estimates are based on data from the 2003 Service Annual Survey and administrative data and are published as percents. Estimates for 2002 are revised to reflect historical corrections to individual responses]

Item	Coefficients of variation for revenue and expenses		
	2003	2002	Year-to-year ratio 2003/2002
OPERATING REVENUE			
Total	1.3	1.3	0.3
Station time sales	1.8	1.8	0.7
Network compensation	4.5	4.2	1.5
National/regional advertising	2.0	2.3	1.0
Local advertising revenue	2.0	1.8	0.7
Network time sales	1.2	1.3	0.3
Program rights	8.6	8.4	3.5
Production and post-production services	9.9	7.5	8.2
Public and non-commercial programming services	9.8	9.3	1.7
Other operating services revenue	2.2	2.6	0.7
OPERATING EXPENSES			
Total	1.5	1.5	0.4
Annual payroll	1.9	2.0	0.7
Employer's contributions to employee benefit plans	2.1	2.3	0.8
Contract labor	4.3	4.2	2.6
Total materials and supplies	4.7	NA	NA
Computer and other business equipment and supplies	7.1	NA	NA
Other materials, parts, and supplies	4.5	NA	NA
Total purchased services	2.0	NA	NA
Custom coded software and system design and support services	5.7	NA	NA
Data processing and other purchased computer services	2.3	NA	NA
Purchased communication services	2.9	2.7	1.2
Purchased advertising and promotional services	1.6	1.1	0.7
Purchased electricity	3.2	3.2	2.1
Purchased fuels (except motor fuels)	3.5	NA	NA
Purchased management consulting, admin., and other prof. services	2.6	NA	NA
Lease and rental payments	3.0	2.3	1.4
All other purchased services	2.4	NA	NA
Broadcast rights and music license fees	1.2	1.3	0.5
Depreciation	2.8	3.3	1.7
Taxes and license fees	2.0	2.1	0.8
Other operating expenses (including network compensation fees) ¹	1.5	1.6	0.9

NA Not available.

¹Due to the addition of detailed expense data to the 2002 and 2003 Service Annual Survey, data prior to 2003 are not comparable.

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: 2002 and 2003

[Estimates are based on data from the 2003 Service Annual Survey and administrative data and are published as percents. Estimates for 2002 are revised to reflect historical corrections to individual responses]

Item	Coefficients of variation for revenue and expenses		
	2003	2002	Year-to-year ratio 2003/2002
OPERATING REVENUE			
Total	3.6	3.5	0.7
Station time sales	3.7	3.6	0.8
Network compensation	6.3	11.0	3.2
National/regional advertising	3.9	4.6	2.1
Local advertising revenue	3.8	3.5	0.8
Network time sales	3.0	3.1	1.2
Program rights	9.2	8.7	3.3
Production and post-production services	S	S	S
Public and non-commercial programming services	S	S	S
Other operating services revenue	5.5	5.4	1.3
OPERATING EXPENSES			
Total	4.1	3.8	1.2
Annual payroll	4.3	4.3	1.4
Employer's contributions to employee benefit plans	4.8	4.1	2.3
Contract labor	5.9	6.4	3.1
Total materials and supplies	11.4	NA	NA
Computer and other business equipment and supplies	17.3	NA	NA
Other materials, parts, and supplies	8.6	NA	NA
Total purchased services	4.1	NA	NA
Custom coded software and system design and support services	7.1	NA	NA
Data processing and other purchased computer services	11.5	NA	NA
Purchased communication services	6.5	5.9	1.9
Purchased advertising and promotional services	3.8	2.8	1.4
Purchased electricity	5.0	4.5	3.3
Purchased fuels (except motor fuels)	10.8	NA	NA
Purchased management consulting, admin., and other prof. services ...	5.4	NA	NA
Lease and rental payments	5.4	5.4	1.9
All other purchased services	4.2	NA	NA
Broadcast rights and music license fees	2.9	2.9	1.5
Depreciation	6.6	5.4	2.5
Taxes and license fees	3.1	3.2	0.9
Other operating expenses (including network compensation fees) ¹	4.8	3.6	2.9

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

¹Due to the addition of detailed expense data to the 2002 and 2003 Service Annual Survey, data prior to 2003 are not comparable.

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: 2002 and 2003

[Estimates are based on data from the 2003 Service Annual Survey and administrative data and are published as percents. Estimates for 2002 are revised to reflect historical corrections to individual responses]

Item	Coefficients of variation for revenue and expenses		
	2003	2002	Year-to-year ratio 2003/2002
OPERATING REVENUE			
Total	1.4	1.3	0.5
Station time sales	2.1	2.0	0.9
Network compensation	6.1	5.5	1.2
National/regional advertising	2.3	2.6	1.0
Local advertising revenue	2.4	2.0	1.0
Network time sales	1.3	1.4	0.3
Program rights	S	S	S
Production and post-production services	S	S	S
Public and non-commercial programming services	11.4	11.7	1.1
Other operating services revenue	2.7	2.4	1.5
OPERATING EXPENSES			
Total	1.6	1.5	0.5
Annual payroll	2.1	1.9	0.8
Employer's contributions to employee benefit plans	2.0	2.3	0.8
Contract labor	6.1	3.1	3.1
Total materials and supplies	3.5	NA	NA
Computer and other business equipment and supplies	6.2	NA	NA
Other materials, parts, and supplies	4.5	NA	NA
Total purchased services	1.8	NA	NA
Custom coded software and system design and support services	8.2	NA	NA
Data processing and other purchased computer services	2.0	NA	NA
Purchased communication services	1.9	2.8	1.6
Purchased advertising and promotional services	1.1	1.1	0.4
Purchased electricity	3.5	4.0	2.7
Purchased fuels (except motor fuels)	2.0	NA	NA
Purchased management consulting, admin., and other prof. services ...	2.4	NA	NA
Lease and rental payments	2.9	1.6	1.6
All other purchased services	3.2	NA	NA
Broadcast rights and music license fees	1.3	1.4	0.5
Depreciation	3.0	4.0	2.1
Taxes and license fees	1.8	2.0	1.1
Other operating expenses (including network compensation fees) ¹	1.8	1.6	1.3

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

¹Due to the addition of detailed expense data to the 2002 and 2003 Service Annual Survey, data prior to 2003 are not comparable.

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: 2002 and 2003

[Estimates are based on data from the 2003 Service Annual Survey and administrative data and are published as percents. Estimates for 2002 are revised to reflect historical corrections to individual responses]

Item	Coefficients of variation for revenue and expenses		
	2003	2002	Year-to-year ratio 2003/2002
OPERATING REVENUE			
Total	1.2	1.2	0.4
Air time (advertising)	0.4	0.4	0.1
Specialty programming service	0.6	0.3	0.5
Basic programming package	1.8	1.9	0.5
Premium cable programming packages	1.9	1.8	0.7
Pay-per-view service	1.3	1.3	0.2
Program distribution installation services	5.0	4.8	0.6
Program distribution equipment sales and rentals	1.6	1.6	0.5
Other program distribution related services	1.5	1.4	0.4
Internet access services	1.1	1.5	0.6
Basic fixed local telephony	1.1	1.4	0.6
Basic fixed long-distance	1.2	1.6	0.7
Other communication services	2.8	3.5	0.7
Other operating revenue	2.4	1.4	1.1
OPERATING EXPENSES			
Total	1.5	1.5	0.5
Annual payroll	1.2	1.4	0.6
Employer's contributions to employee benefit plans	1.3	1.3	0.7
Contract labor	2.3	2.6	1.2
Total materials and supplies	2.0	NA	NA
Computer and other business equipment and supplies	2.4	NA	NA
Other materials, parts, and supplies	2.1	NA	NA
Total purchased services	1.7	NA	NA
Custom coded software and system design and support services	S	NA	NA
Data processing and other purchased computer services	1.8	NA	NA
Purchased communication services	3.6	3.0	1.2
Purchased advertising and promotional services	0.8	0.8	0.6
Purchased electricity	3.7	3.1	0.9
Purchased fuels (except motor fuels)	1.4	NA	NA
Purchased management consulting, admin., and other prof. services	2.6	NA	NA
Lease and rental payments	1.7	1.6	0.6
All other purchased services	2.7	NA	NA
Program and production costs	1.2	1.2	0.4
Depreciation	2.5	2.5	0.9
Taxes and license fees	1.8	1.9	0.3
Other operating expenses ¹	1.7	1.5	0.7

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

¹Due to the addition of detailed expense data to the 2002 and 2003 Service Annual Survey, data prior to 2003 are not comparable.

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: 2002 and 2003

[Estimates are based on data from the 2003 Service Annual Survey and administrative data and are published as percents. Estimates for 2002 are revised to reflect historical corrections to individual responses]

Item	Coefficients of variation for revenue and expenses		
	2003	2002	Year-to-year ratio 2003/2002
OPERATING REVENUE			
Total	0.5	0.3	0.4
Air time (advertising)	0.4	0.4	0.1
Specialty programming service	0.6	0.3	0.5
Other operating revenue	2.2	1.1	2.2
OPERATING EXPENSES			
Total	0.8	0.4	0.7
Annual payroll	1.1	0.6	0.7
Employer's contributions to employee benefit plans	1.5	0.4	1.4
Contract labor	5.7	1.1	4.8
Total materials and supplies	1.3	NA	NA
Computer and other business equipment and supplies	1.3	NA	NA
Other materials, parts, and supplies	1.7	NA	NA
Total purchased services	1.5	NA	NA
Custom coded software and system design and support services	10.0	NA	NA
Data processing and other purchased computer services	S	NA	NA
Purchased communication services	6.5	6.4	8.0
Purchased advertising and promotional services	0.9	0.3	0.8
Purchased electricity	8.6	0.4	8.8
Purchased fuels (except motor fuels)	0.5	NA	NA
Purchased management consulting, admin., and other prof. services ..	5.7	NA	NA
Lease and rental payments	0.6	0.3	0.5
All other purchased services	3.7	NA	NA
Program and production costs	0.5	0.3	0.3
Depreciation	5.4	0.6	5.6
Taxes and license fees	0.8	0.5	0.7
Other operating expenses ¹	0.5	0.6	0.6

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

¹Due to the addition of detailed expense data to the 2002 and 2003 Service Annual Survey, data prior to 2003 are not comparable.

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: 2002 and 2003

[Estimates are based on data from the 2003 Service Annual Survey and administrative data and are published as percents. Estimates for 2002 are revised to reflect historical corrections to individual responses]

Item	Coefficients of variation for revenue and expenses		
	2003	2002	Year-to-year ratio 2003/2002
OPERATING REVENUE			
Total	1.7	1.8	0.5
Air time (advertising)	1.6	1.5	0.4
Basic programming package	1.8	1.9	0.5
Premium cable programming packages	1.9	1.8	0.7
Pay-per-view service	1.3	1.3	0.2
Program distribution installation services	5.0	5.1	0.7
Program distribution equipment sales and rentals	1.6	1.6	0.5
Other program distribution related services	1.5	1.5	0.4
Internet access services	1.1	1.5	0.6
Basic fixed local telephony	1.1	1.4	0.6
Basic fixed long-distance	1.2	1.6	0.7
Other communication services	2.8	3.8	0.9
Other operating revenue	2.7	2.3	1.0
OPERATING EXPENSES			
Total	1.9	2.0	0.6
Annual payroll	1.4	1.8	0.8
Employer's contributions to employee benefit plans	1.5	1.7	0.7
Contract labor	2.6	3.0	1.0
Total materials and supplies	2.3	NA	NA
Computer and other business equipment and supplies	3.5	NA	NA
Other materials, parts, and supplies	2.4	NA	NA
Total purchased services	2.1	NA	NA
Custom coded software and system design and support services	S	NA	NA
Data processing and other purchased computer services	1.5	NA	NA
Purchased communication services	3.3	3.3	1.0
Purchased advertising and promotional services	1.3	1.4	0.8
Purchased electricity	3.6	3.2	0.7
Purchased fuels (except motor fuels)	1.5	NA	NA
Purchased management consulting, admin., and other prof. services	2.6	NA	NA
Lease and rental payments	2.7	2.5	0.9
All other purchased services	2.8	NA	NA
Program and production costs	1.9	2.0	0.5
Depreciation	2.3	2.7	0.9
Taxes and license fees	2.0	2.1	0.3
Other operating expenses ¹	2.0	1.9	0.9

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

¹Due to the addition of detailed expense data to the 2002 and 2003 Service Annual Survey, data prior to 2003 are not comparable.

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: 2002 and 2003

[Estimates are based on data from the 2003 Service Annual Survey and administrative data and are published as percents. Estimates for 2002 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					
2003	1.8	1.7	2.4		S
2002	1.9	1.8	2.6		S
Year-to-year ratio					
2003/2002	0.5	0.5	1.1		S

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

Table A-3.3.8. Telecommunications (NAICS 5133)—Estimated Coefficients of Variation for Revenue and Expenses for Employer Firms: 2002 and 2003

[Estimates are based on data from the 2003 Service Annual Survey and administrative data and are published as percents. Estimates for 2002 are revised to reflect historical corrections to individual responses]

Item	Coefficients of variation for revenue and expenses		
	2003	2002	Year-to-year ratio 2003/2002
OPERATING REVENUE			
Total	1.0	1.0	0.5
Fixed total	1.4	1.3	0.7
Fixed local	1.8	1.9	0.9
Basic service	1.8	1.9	1.0
Fixed value-added services	2.2	2.3	0.7
Fixed long-distance	2.7	2.2	0.9
Outbound service	2.9	2.5	0.9
Inbound service	1.5	1.2	0.8
Fixed all distance	S	6.6	S
Dedicated network services	1.9	1.7	0.7
Data transmission services	1.5	1.5	0.6
Mobile total	0.6	0.7	0.3
Mobile telephony services	0.4	0.5	0.3
Local access and use	0.4	0.5	0.2
Mobile value-added services	0.7	0.9	1.0
Mobile long-distance	0.6	0.9	0.6
Mobile all distance	0.3	0.8	0.8
Dedicated network services	S	S	S
Other mobile telephony revenue	S	2.1	S
Messaging services	4.5	3.0	2.8
Mobile dispatch services	S	S	S
Carrier services	2.2	2.0	0.9
Network access	2.5	2.3	0.9
Other carrier services	10.0	8.4	1.1
Other telecommunications services	3.0	2.9	2.9
Internet backbone services	6.0	6.5	6.0
Internet access services	10.3	7.7	4.9
Multichannel programming distribution services	S	S	S
Other telecommunications related services	1.5	2.8	1.0
Other services revenue	1.6	2.3	1.0
Telecommunications network installation services	2.8	4.2	2.0
Telecommunications equipment sales	1.6	2.0	1.1
Telecommunications equipment rental	2.2	8.1	5.0
Telecommunications equipment maintenance	10.2	7.0	12.2
Network design and development services, other than security	S	S	S
Sales of directory advertising space	4.3	4.0	1.9
Rental or sale of mailing lists	S	S	S
Other revenue	2.4	3.4	1.7

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: 2002 and 2003—Con.**

[Estimates are based on data from the 2003 Service Annual Survey and administrative data and are published as percents. Estimates for 2002 are revised to reflect historical corrections to individual responses]

Item	Coefficients of variation for revenue and expenses		
	2003	2002	Year-to-year ratio 2003/2002
OPERATING EXPENSES			
Total	0.6	0.5	0.4
Annual payroll	0.9	0.7	0.6
Employer's contributions to employee benefit plans	1.6	1.1	0.8
Contract labor	2.4	2.0	1.4
Total materials and supplies	2.0	NA	NA
Computer and other business equipment and supplies	1.3	NA	NA
Other materials, parts, and supplies	3.3	NA	NA
Total purchased services	0.9	NA	NA
Custom coded software and system design and support services	3.0	NA	NA
Data processing and other purchased computer services	1.7	NA	NA
Purchased communication services	1.9	14.2	8.6
Purchased advertising and promotional services	1.4	0.9	0.7
Purchased electricity	1.0	1.0	0.9
Purchased fuels (except motor fuels)	2.2	NA	NA
Purchased management consulting, admin., and other prof. services	1.6	NA	NA
Lease and rental payments	1.3	1.2	0.8
All other purchased services	1.9	NA	NA
Access charges	3.0	2.1	3.4
Depreciation	0.7	0.9	0.8
Universal service contributions and other similar charges	1.6	1.4	0.4
Taxes and license fees	0.9	0.9	0.9
Other operating expenses ¹	0.7	0.7	0.6

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

¹Due to the addition of detailed expense data to the 2002 and 2003 Service Annual Survey, data prior to 2003 are not comparable.

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: 2002 and 2003

[Estimates are based on data from the 2003 Service Annual Survey and administrative data and are published as percents. Estimates for 2002 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							
2003	1.8	1.1	3.7	S	1.8	S	X
2002	1.9	1.3	3.9	S	1.9	S	X
2001	2.5	3.5	3.8	1.8	2.6	2.6	X
Year-to-year ratio							
2003/2002	0.9	1.0	1.2	S	0.9	S	X
2002/2001	1.4	1.9	1.4	S	1.4	S	X
LONG-DISTANCE SERVICE							
Millions of dollars							
2003	2.7	4.1	S	S	3.8	2.1	2.8
2002	2.2	4.5	1.7	S	3.1	2.1	1.5
2001	2.1	3.7	2.6	7.3	2.1	2.3	8.9
Year-to-year ratio							
2003/2002	0.9	1.2	S	S	1.2	0.9	1.5
2002/2001	1.5	2.2	1.6	S	2.9	2.5	4.1
NETWORK ACCESS							
Millions of dollars							
2003	2.5	S	S	S	3.1	2.5	4.7
2002	2.3	S	2.2	S	3.0	2.3	S
2001	2.7	5.9	2.2	2.4	2.8	2.8	5.2
Year-to-year ratio							
2003/2002	0.9	S	S	S	1.5	0.7	S
2002/2001	1.3	S	0.7	S	1.3	1.8	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: 2002 and 2003

[Estimates are based on data from the 2003 Service Annual Survey and administrative data and are published as percents. Estimates for 2002 are revised to reflect historical corrections to individual responses]

Item	Coefficients of variation for revenue and expenses		
	2003	2002	Year-to-year ratio 2003/2002
OPERATING REVENUE			
Total	1.5	1.5	0.7
Fixed total	1.4	1.4	0.7
Fixed local	1.8	1.9	0.9
Basic service	1.8	2.0	1.0
Fixed value-added services	2.3	2.3	0.7
Fixed long-distance	2.7	2.3	0.7
Outbound service	3.0	2.6	0.8
Inbound service	1.1	1.0	0.4
Fixed all distance	S	5.6	S
Dedicated network services	1.6	1.8	0.9
Data transmission services	1.5	1.6	0.6
Mobile total	S	S	S
Carrier services	2.4	2.2	0.9
Network access	2.7	2.5	0.9
Other carrier services	14.1	12.1	1.2
Other telecommunications services	5.7	4.9	5.2
Internet backbone services	6.2	6.8	6.2
Internet access services	5.2	4.8	5.7
Multichannel programming distribution services	S	S	S
Other telecommunications related services	3.1	11.3	5.9
Other services revenue	2.2	S	S
Telecommunications network installation services	3.2	4.9	2.1
Telecommunications equipment sales	3.9	5.6	3.9
Telecommunications equipment rental	2.5	8.8	5.1
Telecommunications equipment maintenance	11.8	7.1	14.3
Network design and development services, other than security	S	0.9	S
Sales of directory advertising space	4.6	4.7	2.0
Rental or sale of mailing lists	S	S	S
Other revenue	S	S	S
OPERATING EXPENSES			
Total	0.9	0.7	0.7
Annual payroll	1.2	1.0	0.8
Employer's contributions to employee benefit plans	2.0	1.3	1.1
Contract labor	3.8	3.5	1.5
Total materials and supplies	2.8	NA	NA
Computer and other business equipment and supplies	1.9	NA	NA
Other materials, parts, and supplies	4.3	NA	NA
Total purchased services	1.0	NA	NA
Custom coded software and system design and support services	4.4	NA	NA
Data processing and other purchased computer services	1.7	NA	NA
Purchased communication services	1.7	19.1	11.5
Purchased advertising and promotional services	3.1	1.8	1.2
Purchased electricity	1.1	1.0	1.0
Purchased fuels (except motor fuels)	2.1	NA	NA
Purchased management consulting, admin., and other prof. services	2.1	NA	NA
Lease and rental payments	2.1	2.1	1.5
All other purchased services	1.7	NA	NA
Access charges	3.7	2.7	4.1
Depreciation	1.2	1.5	1.1
Universal service contributions and other similar charges	2.0	1.5	0.6
Taxes and license fees	1.1	1.1	1.0
Other operating expenses ¹	1.1	S	S

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

¹Due to the addition of detailed expense data to the 2002 and 2003 Service Annual Survey, data prior to 2003 are not comparable.

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: 2002 and 2003**

[Estimates are based on data from the 2003 Service Annual Survey and administrative data and are published as percents. Estimates for 2002 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							
2003	1.8	1.1	3.8	S	1.8	S	X
2002	1.9	1.3	4.0	S	1.9	S	X
2001	2.6	3.5	4.0	1.8	2.6	2.7	X
Year-to-year ratio							
2003/2002	0.9	1.0	1.2	S	0.9	S	X
2002/2001	1.5	1.9	1.5	S	1.5	S	X
LONG-DISTANCE SERVICE							
Millions of dollars							
2003	2.7	4.3	S	S	4.0	2.1	2.8
2002	2.3	4.5	1.8	S	3.2	2.2	1.4
2001	2.0	3.7	2.6	7.5	2.1	2.2	9.1
Year-to-year ratio							
2003/2002	0.7	1.1	S	S	1.2	0.6	1.5
2002/2001	1.6	2.3	1.6	S	3.1	2.6	4.2
NETWORK ACCESS							
Millions of dollars							
2003	2.7	S	S	S	3.4	2.6	7.4
2002	2.5	S	2.4	S	3.3	2.4	6.7
2001	2.8	6.2	2.4	2.4	3.1	3.0	4.8
Year-to-year ratio							
2003/2002	0.9	S	S	S	1.5	0.7	2.1
2002/2001	1.4	S	0.8	S	1.4	1.8	1.6

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: 2002 and 2003**

[Estimates are based on data from the 2003 Service Annual Survey and administrative data and are published as percents. Estimates for 2002 are revised to reflect historical corrections to individual responses]

Item	Coefficients of variation for revenue and expenses		
	2003	2002	Year-to-year ratio 2003/2002
OPERATING REVENUE			
Total	0.3	0.3	0.2
Mobile total	0.3	0.3	0.2
Mobile telephony services	0.3	0.3	0.2
Local access and use	0.3	0.3	0.2
Mobile value-added services	0.7	0.3	0.7
Mobile long-distance	0.6	0.9	0.6
Mobile all distance	0.4	0.2	0.4
Dedicated network services	S	S	S
Other mobile telephony revenue	S	0.9	S
Messaging services	3.3	2.1	2.8
Mobile dispatch services	S	9.0	S
Carrier services	0.6	0.5	1.1
Network access	0.2	1.2	1.1
Other carrier services	1.4	0.3	1.4
Other telecommunications services	0.2	3.3	2.5
Other services revenue ¹	1.2	1.8	0.9
OPERATING EXPENSES			
Total	0.6	0.4	0.5
Annual payroll	1.2	0.8	0.9
Employer's contributions to employee benefit plans	0.7	0.8	0.4
Contract labor	1.0	1.3	0.6
Total materials and supplies	0.8	NA	NA
Computer and other business equipment and supplies	0.9	NA	NA
Other materials, parts, and supplies	1.4	NA	NA
Total purchased services	0.8	NA	NA
Custom coded software and system design and support services	0.6	NA	NA
Data processing and other purchased computer services	5.2	NA	NA
Purchased communication services	0.7	0.8	0.5
Purchased advertising and promotional services	1.0	0.6	1.1
Purchased electricity	1.4	1.0	0.6
Purchased fuels (except motor fuels)	12.7	NA	NA
Purchased management consulting, admin., and other prof. services	1.3	NA	NA
Lease and rental payments	0.8	0.6	0.5
All other purchased services	1.4	NA	NA
Access charges	0.6	0.4	0.4
Depreciation	0.3	0.2	0.4
Universal service contributions and other similar charges	0.6	1.0	0.6
Taxes and license fees	0.7	0.9	0.7
Other operating expenses ²	0.8	0.3	0.9

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

¹Includes fixed telecommunications revenue.

²Due to the addition of detailed expense data to the 2002 and 2003 Service Annual Survey, data prior to 2003 are not comparable.

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: 2002 and 2003

[Estimates are based on data from the 2003 Service Annual Survey and administrative data and are published as percents. Estimates for 2002 are revised to reflect historical corrections to individual responses]

Item	Coefficients of variation for revenue and expenses		
	2003	2002	Year-to-year ratio 2003/2002
OPERATING REVENUE			
Total	8.4	8.4	4.5
Fixed total	11.0	9.5	3.0
Fixed local	11.5	9.2	4.2
Fixed long-distance	14.8	8.7	7.1
Fixed all distance	8.7	S	S
Dedicated network services	8.5	S	S
Data transmission services	8.1	7.4	3.0
Mobile total	S	S	S
Carrier services	6.6	6.4	4.5
Other telecommunications services	S	S	S
Other services revenue	S	S	S
OPERATING EXPENSES			
Total	8.7	8.6	3.1
Annual payroll	S	9.2	S
Employer's contributions to employee benefit plans	S	S	S
Contract labor	S	S	S
Total materials and supplies	S	NA	NA
Computer and other business equipment and supplies	S	NA	NA
Other materials, parts, and supplies	S	NA	NA
Total purchased services	S	NA	NA
Custom coded software and system design and support services	S	NA	NA
Data processing and other purchased computer services	S	NA	NA
Purchased communication services	S	19.8	S
Purchased advertising and promotional services	8.0	S	S
Purchased electricity	S	S	S
Purchased fuels (except motor fuels)	S	NA	NA
Purchased management consulting, admin., and other prof. services	S	NA	NA
Lease and rental payments	S	11.4	S
All other purchased services	S	NA	NA
Access charges	11.8	S	S
Depreciation	S	S	S
Universal service contributions and other similar charges	18.4	S	S
Taxes and license fees	S	S	S
Other operating expenses ¹	10.3	S	S

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

¹Due to the addition of detailed expense data to the 2002 and 2003 Service Annual Survey, data prior to 2003 are not comparable.

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: 2002 and 2003

[Estimates are based on data from the 2003 Service Annual Survey and administrative data and are published as percents. Estimates for 2002 are revised to reflect historical corrections to individual responses]

Item	Coefficients of variation for revenue		
	2003	2002	Year-to-year ratio 2003/2002
NEWS SYNDICATES (NAICS 51411)			
Revenue			
Total	3.0	1.2	2.4
Sources of Revenue			
Fees from supplying information	2.9	1.2	2.4
Other services revenue	3.9	2.8	2.3
LIBRARIES AND ARCHIVES (NAICS 51412)			
Revenue			
Total	11.3	7.4	3.7
Sources of Revenue			
Subsidies, contributions, gifts, and grants	11.4	7.4	4.4
Fees from educational workshops and seminars	S	S	S
Fees and dues from providing access to collections	18.8	15.8	6.1
Sale of books and other educational materials	S	S	S
Other services revenue	19.3	15.5	9.8

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-3.4.2. **Online Information Services (NAICS 514191) and All Other Information Services (NAICS 514199)—Estimated Coefficients of Variation for Revenue for Employer Firms: 2002 and 2003**

[Estimates are based on data from the 2003 Service Annual Survey and administrative data and are published as percents. Estimates for 2002 are revised to reflect historical corrections to individual responses]

Item	Coefficients of variation for revenue		
	2003	2002	Year-to-year ratio 2003/2002
ON-LINE INFORMATION SERVICES (NAICS 514191)			
Revenue			
Total	4.2	3.6	1.5
Sources of Revenue			
Internet access services	2.9	3.7	1.2
Advertising	21.5	14.3	5.2
Web site hosting	4.2	6.1	3.4
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	17.2	S	S
Other services revenue	6.6	5.1	2.6
ALL OTHER INFORMATION SERVICES¹ (NAICS 514199)			
Revenue			
Total	2.8	3.7	2.6
Sources of Revenue			
Advertising	3.3	7.3	4.6
Web site hosting	16.2	15.4	2.8
Internet access services	S	S	S
Internet telecommunications services	S	S	S
Information search services	4.7	5.1	2.0
Newspaper clipping services	S	S	S
Stock photo services	0.8	0.9	0.3
Video and audio streaming services	13.3	4.3	6.0
Other services revenue	10.3	13.7	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-3.4.3. **On-Line Information Services (NAICS 514191)—Estimated Coefficients of Variation for Internet Access Service Revenue by Type of Customer for Employer Firms: 2002 and 2003**

[Estimates are based on data from the 2003 Service Annual Survey and administrative data and are published as percents. Estimates for 2002 are revised to reflect historical corrections to individual responses]

Item	Total	Type of customer			
		Residential	Business	Public	
INTERNET ACCESS SERVICE REVENUE					
Millions of dollars					
2003	2.9	2.6	5.3		S
2002	3.7	3.4	5.3		S
Year-to-year ratio					
2003/2002	1.2	1.0	3.8		S

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

Table A-3.4.4. Data Processing Services (NAICS 5142)—Estimated Coefficients of Variation for Revenue for Employer Firms: 2002 and 2003

[Estimates are based on data from the 2003 Service Annual Survey and administrative data and are published as percents. Estimates for 2002 are revised to reflect historical corrections to individual responses]

Item	Coefficients of variation for revenue		
	2003	2002	Year-to-year ratio 2003/2002
DATA PROCESSING SERVICES (NAICS 5142)			
Revenue			
Total	3.7	3.2	0.9
Sources of Revenue			
Business process management	4.0	4.3	2.1
Information and document transformation	S	S	S
Information technology design and development	3.0	2.8	1.1
Data storage services	S	3.6	S
Data management services	4.2	5.2	3.3
Collocation services	S	S	S
Information technology consulting services	S	S	S
Web site hosting	S	S	S
Software publishing	3.2	2.8	0.7
Rental and leasing of computer hardware	S	S	S
Application service provisioning	13.2	13.7	1.8
Video and audio streaming services	S	2.5	S
Other services revenue	6.0	5.8	2.3

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

[Estimates are based on data from the 2003 Service Annual Survey and administrative data and are published as percents]

NAICS code	Kind of business	Coefficients of variation for expenses
		2003
51	Information	0.6
511	Publishing industries	1.9
5111	Newspaper, periodical, book, database, and other publishers	0.7
51111	Newspaper publishers	1.2
51112	Periodical publishers	1.5
51113	Book publishers	1.1
51114	Database and directory publishers	1.4
51119	Other publishers	S
511191	Greeting card publishers	S
511199	All other publishers	S
5112	Software publishers	6.2
512	Motion picture and sound recording industries	2.2
5121	Motion picture and video	2.7
5121x	Motion picture and video production and distribution ¹	3.4
51213	Motion picture and video exhibition	5.2
512131	Motion picture theaters (except drive-ins)	5.3
512132	Drive-in motion picture theaters	S
51219	Postproduction services and other motion picture and video industries	18.8
512191	Teleproduction and other postproduction services	19.5
512199	Other motion picture and video industries	19.6
5122	Sound recording	0.6
51221	Record production	S
51222	Integrated record production/distribution	0.2
51223	Music publishers	3.1
51224	Sound recording studios	10.8
51229	Other sound recording industries	S
513	Broadcasting and telecommunications	0.4
5131	Radio and television broadcasting	1.5
51311	Radio broadcasting	4.1
513111	Radio networks	3.7
513112	Radio stations	4.8
51312	Television broadcasting	1.6
5132	Cable networks and program distribution	1.5
51321	Cable networks	0.8
51322	Cable and other program distribution	1.9
5133	Telecommunications	0.6
51331	Wired telecommunications carriers	0.9
51332	Wireless telecommunications carriers (except satellite)	0.7
513321	Paging	S
513322	Cellular and other wireless telecommunications	0.6
51333	Telecommunications resellers	8.7
51334	Satellite telecommunications	5.2
51339	Other telecommunications	S
514	Information services and data processing services	2.9
5141	Information services	3.9
51411	News syndicates	2.6
51412	Libraries and archives	11.0
51419	Other information services	S
514191	On-line information services	S
514199	All other information services	4.3
5142	Data processing services	3.7

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)—Estimated Coefficients of Variation for Selected Estimated Expenses for Employer Firms: 2003

[Estimates are based on data from the 2003 Service Annual Survey and administrative records]

Item	Coefficients of variation for expenses
	2003
Contract labor	4.9
Total materials and supplies	1.4
Computer and other business equipment and supplies	4.7
Other materials, parts, and supplies	1.3
Total purchased services	1.8
Custom coded software and system design and support services	11.8
Data processing and other purchased computer services	2.7
Purchased communication services	2.3
Purchased electricity	1.6
Purchased fuels (except motor fuels)	2.2
Purchased management consulting, admin., and other prof. services	2.7
Lease and rental payments	3.5
Purchased printing	2.9
Purchased software reproduction	8.0
All other purchased services	2.2

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-3.5.3. Motion Picture and Sound Recording Industries (NAICS 512)—Estimated Coefficients of Variation for Selected Estimated Expenses for Employer Firms: 2003

[Estimates are based on data from the 2003 Service Annual Survey and administrative records]

Item	Coefficients of variation for expenses
	2003
Contract labor	11.8
Total materials and supplies	3.8
Computer and other business equipment and supplies	8.4
Other materials, parts, and supplies	3.9
Total purchased services	2.9
Custom coded software and system design and support services	S
Data processing and other purchased computer services	3.0
Purchased communication services	5.3
Purchased electricity	4.1
Purchased fuels (except motor fuels)	5.8
Purchased management consulting, admin., and other prof. services	3.2
Lease and rental payments	3.6
All other purchased services	4.3

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-3.5.4. **Information Services and Data Processing Services (NAICS 514)—Estimated Coefficients of Variation for Selected Estimated Expenses for Employer Firms: 2003**

[Estimates are based on data from the 2003 Service Annual Survey and administrative records]

Item	Coefficients of variation for expenses
	2003
Contract labor	4.0
Total materials and supplies	4.5
Computer and other business equipment and supplies	5.2
Other materials, parts, and supplies	3.4
Total purchased services	3.9
Custom coded software and system design and support services	12.5
Data processing and other purchased computer services	13.0
Purchased communication services	3.7
Purchased electricity	9.5
Purchased fuels (except motor fuels)	5.4
Purchased management consulting, admin., and other prof. services	2.5
Lease and rental payments	3.9
All other purchased services	6.8

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.