

Table A-6.1. Professional, Scientific, and Technical Services (NAICS 54) – Estimated Coefficients of Variation for Revenue and Standard Error of Percent Change for Taxable Employer Firms: 2004 Through 2006

[Estimates are based on data from the 2006 Service Annual Survey and administrative data and are published as percents. Estimates for 2005 and prior years have been revised to reflect historical corrections to individual responses]

NAICS code	Kind of business	Coefficient of variation			Standard error	
		2006	2005	2004	2006/2005	2005/2004
54	Professional, scientific, and technical services¹	1.5	1.3	1.4	0.6	0.7
54*	Professional, scientific, and technical services ²	1.5	1.3	1.4	0.6	0.7
5411	Legal services ¹	2.1	2.0	2.5	1.2	0.8
54111	Offices of lawyers	2.0	1.8	2.5	1.3	0.9
54119	Other legal services	14.1	12.6	10.8	2.0	1.9
5412	Accounting, tax preparation, bookkeeping, and payroll services	2.3	2.1	1.2	2.0	1.7
541211	Offices of certified public accountants	3.8	3.0	2.5	1.8	1.4
541213	Tax preparation services	5.6	5.1	4.0	5.4	2.7
541214	Payroll services	5.0	3.6	3.6	4.7	3.3
541219	Other accounting services	5.8	6.1	3.8	3.4	4.6
5413	Architectural, engineering, and related services	3.9	3.6	3.5	2.4	3.1
5413*	Architectural, engineering, and related services ³	4.0	3.6	3.6	2.5	3.2
54131	Architectural services	5.2	4.7	3.1	3.5	3.1
54132	Landscape architectural services	4.1	4.7	4.7	3.2	2.1
54133	Engineering services	4.9	4.7	4.4	3.3	4.5
54138	Testing laboratories	7.4	6.9	4.8	3.2	4.1
5413x	Other related services ⁴	7.0	5.4	5.4	3.7	3.8
5414	Specialized design services	3.1	3.1	2.6	1.7	2.0
54141	Interior design services	6.4	6.9	5.5	2.6	2.7
54143	Graphic design services	5.1	4.6	4.7	3.2	2.8
5414y	All other design services ⁵	11.4	10.5	8.9	3.8	4.0
5415	Computer systems design and related services	2.4	2.2	1.9	0.8	0.8
541511	Custom computer programming services	4.8	4.9	4.1	1.9	2.4
541512	Computer systems design services	3.4	2.7	2.7	1.5	1.2
541513	Computer facilities management services	3.6	3.1	2.9	1.4	0.7
541519	Other computer related services	8.9	7.2	5.8	3.2	2.8
5416	Management, scientific, and technical consulting services	4.1	3.6	3.1	1.4	1.6
54161	Management consulting services	4.4	4.1	3.3	1.8	1.8
54162	Environmental consulting services	6.5	5.5	4.8	2.6	2.6
54169	Other scientific and technical consulting services	8.2	6.8	6.5	4.0	4.5
5417	Scientific research and development services	4.3	4.5	4.9	1.1	0.8
54171	Research and development in the physical, engineering, and life sciences	4.5	4.7	5.1	1.1	0.8
54172	Research and development in the social sciences and humanities	7.7	6.5	6.2	2.0	1.1
5418	Advertising and related services	2.3	2.2	1.9	1.1	0.8
54181	Advertising agencies	5.1	3.0	2.5	3.1	2.3
54182	Public relations agencies	4.7	3.9	3.7	2.9	1.7
54183	Media buying agencies	19.1	20.7	21.2	3.2	2.0
54184	Media representatives	24.0	25.0	25.0	1.9	3.1
54185	Display advertising	4.1	3.2	2.0	1.3	2.6
54186	Direct mail advertising	3.4	2.5	1.9	1.8	1.4
5418y	All other advertising ⁶	5.2	4.3	5.1	3.5	2.5

See footnotes at end of table.

Table A-6.1. Professional, Scientific, and Technical Services (NAICS 54) – Estimated Coefficients of Variation for Revenue and Standard Error of Percent Change for Taxable Employer Firms: 2004 Through 2006—Con.

[Estimates are based on data from the 2006 Service Annual Survey and administrative data and are published as percents. Estimates for 2005 and prior years have been revised to reflect historical corrections to individual responses]

NAICS code	Kind of business	Coefficient of variation			Standard error	
		2006	2005	2004	2006/2005	2005/2004
5419	Other professional, scientific, and technical services	2.1	2.0	1.2	1.5	1.1
5419*	Other professional, scientific, and technical services ⁷	3.7	3.3	2.0	1.4	2.0
54191	Marketing research and public opinion polling	5.7	4.8	3.1	2.1	3.7
54192	Photographic services	3.5	3.8	3.8	1.9	1.7
541921	Photography studios, portrait	5.3	5.7	5.3	2.2	2.1
541922	Commercial photography	5.7	5.3	4.1	5.0	3.1
54193	Translation and interpretation services	8.9	8.7	5.8	3.3	4.6
54194	Veterinary services	3.6	2.2	1.6	3.1	1.2
54199	All other professional, scientific, and technical services	5.0	3.8	3.0	3.4	3.0

¹Excludes NAICS 54112 (Offices of notaries).

²Excludes NAICS 54112 (Offices of notaries), NAICS 54132 (Landscape architectural services) and NAICS 54194 (Veterinary services).

³Excludes NAICS 54132 (Landscape architectural services).

⁴Includes NAICS 54134 (Drafting services), NAICS 54135 (Building inspection services), NAICS 54136 (Geophysical surveying and mapping services), and NAICS 54137 (Surveying and mapping (except geophysical) services).

⁵Includes NAICS 54142 (Industrial design services) and NAICS 54149 (Other specialized design services).

⁶Includes NAICS 54187 (Advertising material distribution services) and NAICS 54189 (Other services related to advertising).

⁷Excludes NAICS 54194 (Veterinary services).

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-6.2. Professional, Scientific, and Technical Services (NAICS 54) – Estimated Coefficients of Variation for Revenue and Standard Error of Percent Change for Tax-Exempt Employer Firms: 2004 Through 2006

[Estimates are based on data from the 2006 Service Annual Survey and administrative data and are published as percents. Estimates for 2005 and prior years have been revised to reflect historical corrections to individual responses]

NAICS code	Kind of business	Coefficient of variation			Standard error	
		2006	2005	2004	2006/2005	2005/2004
54	Professional, scientific, and technical services	3.6	3.4	3.1	2.3	1.0
54111	Offices of lawyers	5.5	4.4	4.6	3.4	2.4
5417	Scientific research and development services	3.9	3.7	3.4	2.4	1.1
54171	Research and development in the physical, engineering, and life sciences	4.0	4.0	3.8	1.7	1.2
54172	Research and development in the social sciences and humanities	10.9	3.9	2.0	14.1	3.9

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-6.3. Professional, Scientific, and Technical Services (NAICS 54) – Estimated Coefficients of Variation for Export Revenue and Standard Error of Percent Change for Employer Firms: 2004 Through 2006

[Estimates are based on data from the 2006 Service Annual Survey and administrative data and are published as percents. Estimates for 2005 and prior years have been revised to reflect historical corrections to individual responses]

NAICS code	Kind of business	Coefficient of variation			Standard error	
		2006	2005	2004	2006/2005	2005/2004
54	Professional, scientific, and technical services¹	6.9	4.7	3.7	4.8	2.6
5411	Legal services ¹	13.3	13.1	13.0	1.9	1.5
54111	Offices of lawyers	13.8	13.8	13.8	2.1	1.4
54119	Other legal services	S	15.7	15.2	S	5.1
5412	Accounting, tax preparation, bookkeeping, and payroll services	6.7	6.9	S	3.1	S
541211	Offices of certified public accountants	6.9	7.2	S	3.2	S
541213	Tax preparation services	29.8	S	S	S	S
541214	Payroll services	8.3	7.3	6.8	4.5	3.7
541219	Other accounting services	ZZ	ZZ	ZZ	Z	Z
5413	Architectural, engineering, and related services	16.3	13.2	10.0	9.6	7.4
54131	Architectural services	11.2	9.3	16.1	9.6	7.2
54132	Landscape architectural services	20.3	S	26.7	S	S
54133	Engineering services	22.3	16.4	12.0	11.1	9.0
54138	Testing laboratories	S	10.1	9.2	S	5.3
5413x	Other related services ²	27.8	S	S	S	S
5414	Specialized design services	9.2	5.1	5.6	9.0	3.0
54141	Interior design services	S	S	14.4	S	4.5
54143	Graphic design services	14.2	3.8	4.4	3.3	1.3
5414y	All other design services ³	9.6	9.5	10.0	16.2	4.5
5415	Computer systems design and related services	16.1	8.6	7.2	8.1	6.3
541511	Custom computer programming services	11.6	S	S	S	S
541512	Computer systems design services	S	20.7	14.0	S	12.4
541513	Computer facilities management services	S	S	S	S	S
541519	Other computer related services	12.7	23.7	26.8	8.3	4.6
5416	Management, scientific, and technical consulting services	9.7	8.2	7.8	4.5	3.2
54161	Management consulting services	10.8	8.6	7.6	4.3	3.3
54162	Environmental consulting services	18.5	S	S	S	S
54169	Other scientific and technical consulting services	S	S	S	S	S
5417	Scientific research and development services	7.1	6.9	6.3	8.3	3.4
54171	Research and development in the physical, engineering, and life sciences	7.6	7.2	6.6	8.7	3.5
54172	Research and development in the social sciences and humanities	12.1	11.8	10.4	7.2	1.7
5418	Advertising and related services	24.2	20.2	16.3	37.6	4.4
54181	Advertising agencies	5.6	5.6	5.1	3.5	1.0
54182	Public relations agencies	S	S	S	S	S
54183	Media buying agencies	25.8	27.5	27.3	10.7	1.8
54184	Media representatives	S	S	S	S	S
54185	Display advertising	S	S	ZZ	S	S
54186	Direct mail advertising	S	6.4	3.5	S	5.5
5418y	All other advertising ⁴	S	10.0	8.7	S	2.8

See footnotes at end of table.

Table A-6.3. Professional, Scientific, and Technical Services (NAICS 54) – Estimated Coefficients of Variation for Export Revenue and Standard Error of Percent Change for Employer Firms: 2004 Through 2006—Con.

[Estimates are based on data from the 2006 Service Annual Survey and administrative data and are published as percents. Estimates for 2005 and prior years have been revised to reflect historical corrections to individual responses]

NAICS code	Kind of business	Coefficient of variation			Standard error	
		2006	2005	2004	2006/2005	2005/2004
5419	Other professional, scientific, and technical services	11.8	11.9	18.3	6.5	8.0
54191	Marketing research and public opinion polling	23.3	22.0	21.6	27.7	6.6
54192	Photographic services	S	25.1	S	S	S
541921	Photography studios, portrait	S	6.7	9.1	S	10.6
541922	Commercial photography	S	29.0	S	S	S
54193	Translation and interpretation services	S	S	29.2	S	22.1
54194	Veterinary services	4.3	3.6	3.2	2.4	1.2
54199	All other professional, scientific, and technical services	21.5	19.8	S	7.8	S

Z Absolute value is less than 0.05. ZZ Absolute value is less than 0.5. S Estimate does not meet publication standards because of high sampling variability (coefficient of variation is greater than 30%) or poor response quality (total quantity response rate is less than 50%). For a description of publication standards and the total quantity response rate, see http://www.census.gov/quality/S20-0_v1.0_Data_Release.pdf.

¹Excludes NAICS 54112 (Offices of notaries).

²Includes NAICS 54134 (Drafting services), NAICS 54135 (Building inspection services), NAICS 54136 (Geophysical surveying and mapping services), and NAICS 54137 (Surveying and mapping (except geophysical) services).

³Includes NAICS 54142 (Industrial design services) and NAICS 54149 (Other specialized design services).

⁴Includes NAICS 54187 (Advertising material distribution services) and NAICS 54189 (Other services related to advertising).

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-6.4. Accounting, Tax Preparation, Bookkeeping, and Payroll Services (NAICS 5412) – Estimated Coefficients of Variation for Sources of Revenue and Standard Error of Percent Change for Employer Firms: 2004 Through 2006

[Estimates are based on data from the 2006 Service Annual Survey and administrative data and are published as percents. Estimates for 2005 and prior years have been revised to reflect historical corrections to individual responses]

Kind of business	Coefficient of variation			Standard error	
	2006	2005	2004	2006/2005	2005/2004
Operating Revenue					
Total	2.3	2.1	1.2	2.0	1.7
Sources of Revenue					
Assurance and related services	4.8	4.4	4.5	2.0	1.5
Financial auditing services	4.7	4.5	4.8	1.6	1.6
Financial statement review	13.4	13.1	13.6	9.9	2.2
Other assurance and financial auditing services	7.4	6.6	7.0	5.1	1.5
Bookkeeping, compilation, payroll, and taxation services	2.3	2.7	1.8	2.6	2.0
General accounting services	11.4	10.3	10.0	10.9	5.9
Bookkeeping, compilation, billing, and collection services	10.6	8.3	7.8	11.7	3.6
Payroll services	4.2	4.6	3.9	6.5	3.9
Taxation planning and consulting services	5.6	6.4	5.7	3.5	2.8
Taxation preparation and representation services for individuals and unincorporated businesses	4.3	4.1	3.8	4.2	1.6
Taxation preparation and representation services for corporate and other clients	6.2	6.3	5.6	5.6	2.1
Other related services	8.5	9.1	9.6	5.0	3.2
Computerized accounting system services	S	S	S	S	S
Management consulting services	7.6	8.6	10.1	5.3	3.5
All other operating revenue	8.9	7.5	8.1	14.2	4.5

S Estimate does not meet publication standards because of high sampling variability (coefficient of variation is greater than 30%) or poor response quality (total quantity response rate is less than 50%). For a description of publication standards and the total quantity response rate, see http://www.census.gov/quality/S20-0_v1.0_Data_Release.pdf.

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-6.5. Architectural Services (NAICS 54131) – Estimated Coefficients of Variation for Sources of Revenue and Standard Error of Percent Change for Employer Firms: 2004 Through 2006

[Estimates are based on data from the 2006 Service Annual Survey and administrative data and are published as percents. Estimates for 2005 and prior years have been revised to reflect historical corrections to individual responses]

Kind of business	Coefficient of variation			Standard error	
	2006	2005	2004	2006/2005	2005/2004
Operating Revenue					
Total	5.2	4.7	3.1	3.5	3.1
Sources of Revenue					
Residential building projects	10.7	11.2	8.6	6.0	7.1
Single-family residential projects	13.9	12.0	12.7	15.5	8.7
Multi-family residential projects	17.4	19.5	15.9	12.4	14.1
Non-residential building projects	6.3	5.2	3.6	3.7	3.4
Office building projects	13.0	13.3	10.9	6.6	7.7
Retail and restaurant building projects	15.9	17.5	17.5	15.7	6.2
Hotel and convention center building projects	20.1	22.0	20.2	22.1	5.4
Health care building projects	9.7	11.5	9.8	5.7	4.1
Entertainment and recreational building projects	16.0	18.4	16.4	16.1	5.1
Educational building projects	12.0	10.8	8.9	6.9	5.9
Industrial building projects	S	S	S	S	S
Transportation building projects	16.9	17.7	18.3	12.6	5.9
Other nonresidential building projects	13.7	12.4	13.0	15.3	6.4
Other services (performed independent of the architecture projects above)	13.6	15.2	18.0	13.0	5.3
Historical restoration projects	S	S	26.5	S	S
Architectural advisory services	15.6	19.0	17.6	19.5	10.2
Landscape architectural services	S	29.6	S	S	S
Interior design services	17.0	21.5	26.7	16.4	5.8
All other operating revenue	14.4	12.5	15.4	14.3	4.1

S Estimate does not meet publication standards because of high sampling variability (coefficient of variation is greater than 30%) or poor response quality (total quantity response rate is less than 50%). For a description of publication standards and the total quantity response rate, see http://www.census.gov/quality/S20-0_v1.0_Data_Release.pdf.

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-6.6. Engineering Services (NAICS 54133) – Estimated Coefficients of Variation for Sources of Revenue and Standard Error of Percent Change for Employer Firms: 2004 Through 2006

[Estimates are based on data from the 2006 Service Annual Survey and administrative data and are published as percents. Estimates for 2005 and prior years have been revised to reflect historical corrections to individual responses]

Kind of business	Coefficient of variation			Standard error	
	2006	2005	2004	2006/2005	2005/2004
Operating Revenue					
Total	4.9	4.7	4.4	3.3	4.5
Sources of Revenue					
Engineering Services	8.4	8.6	7.4	3.5	6.1
Residential engineering projects	20.0	19.0	19.9	16.6	5.7
Commercial, public, and institutional engineering projects	17.5	14.4	14.7	7.0	5.3
Industrial and manufacturing engineering projects	14.0	13.7	14.7	6.9	6.2
Transportation infrastructure engineering projects	17.6	22.3	21.3	10.3	2.5
Municipal utility engineering projects	22.5	16.8	23.4	10.8	8.0
Power generation and distribution engineering projects	16.9	S	S	S	S
Telecommunications and broadcasting engineering projects	S	S	S	S	S
Hazardous waste and industrial waste engineering projects	14.5	16.2	18.2	5.4	2.2
Other engineering projects	20.0	19.2	14.4	8.8	10.5
Other services (performed independent of the engineering projects above)	17.8	27.8	20.3	14.8	6.2
Engineering advisory services	S	29.8	28.3	S	12.8
Construction services	23.3	S	27.4	S	S
Drafting services	S	S	S	S	S
Surveying and mapping services	26.9	22.8	21.8	19.7	9.2
All other operating revenue	13.9	12.3	11.6	8.1	6.2

S Estimate does not meet publication standards because of high sampling variability (coefficient of variation is greater than 30%) or poor response quality (total quantity response rate is less than 50%). For a description of publication standards and the total quantity response rate, see http://www.census.gov/quality/S20-0_v1.0_Data_Release.pdf.

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-6.7. Computer Systems Design and Related Services (NAICS 5415) – Estimated Coefficients of Variation for Sources of Revenue and Standard Error of Percent Change for Employer Firms: 2004 Through 2006

[Estimates are based on data from the 2006 Service Annual Survey and administrative data and are published as percents. Estimates for 2005 and prior years have been revised to reflect historical corrections to individual responses]

Kind of business	Coefficient of variation			Standard error	
	2006	2005	2004	2006/2005	2005/2004
Operating Revenue					
Total	2.4	2.2	1.9	0.8	0.8
Sources of Revenue					
Information technology (IT) design and development	3.0	2.7	2.3	1.9	1.1
Custom application design and development	4.5	3.8	3.7	3.4	2.1
Computer systems design, development, and integration	3.2	2.9	2.6	1.7	0.9
Network design and development	11.3	9.1	S	4.1	S
Other services	3.0	2.4	2.0	1.5	1.1
IT infrastructure and network management	2.6	1.8	2.0	1.8	0.8
IT technical support	5.8	4.8	4.1	1.9	1.4
IT technical consulting	5.8	3.9	3.1	5.2	2.6
IT related training services	12.9	9.3	8.0	4.9	4.4
Hosting and IT infrastructure provisioning services	7.8	6.9	5.1	3.9	3.2
Rental and leasing of computer hardware	16.8	11.6	10.3	15.9	2.2
All other operating revenue	7.0	3.7	3.1	5.8	2.1

S Estimate does not meet publication standards because of high sampling variability (coefficient of variation is greater than 30%) or poor response quality (total quantity response rate is less than 50%). For a description of publication standards and the total quantity response rate, see http://www.census.gov/quality/S20-0_v1.0_Data_Release.pdf.

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-6.8. Management Consulting Services (NAICS 54161) - Estimated Coefficients of Variation for Sources of Revenue and Standard Error of Percent Change for Employer Firms: 2004 Through 2006

[Estimates are based on data from the 2006 Service Annual Survey and administrative data and are published as percents. Estimates for 2005 and prior years have been revised to reflect historical corrections to individual responses]

Kind of business	Coefficient of variation			Standard error	
	2006	2005	2004	2006/2005	2005/2004
Operating Revenue					
Total	4.4	4.1	3.3	1.8	1.8
Sources of Revenue					
Management consulting services	5.3	4.7	3.5	2.0	2.1
Strategic management consulting, and consulting combined with implementation	7.8	5.6	5.1	4.3	1.7
Financial management consulting, and consulting combined with implementation	12.2	9.7	9.9	7.3	3.9
Marketing management consulting, and consulting combined with implementation	23.6	12.4	7.3	10.5	6.1
Human resources management consulting, and consulting combined with implementation	10.3	8.8	8.5	4.1	2.1
Operations and supply chain management consulting, and consulting combined with implementation	13.1	25.1	19.1	9.9	4.7
Actuarial consulting (except for employee pensions and other benefits)	26.1	21.1	19.6	2.6	3.1
IT technical design, consulting, and development services	7.3	8.0	8.2	4.0	1.8
All other consulting revenue	11.2	9.6	6.1	4.4	13.1
All other operating revenue	5.8	5.6	5.6	3.5	1.9

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-6.9. Environmental Consulting Services (NAICS 54162) - Estimated Coefficients of Variation for Sources of Revenue and Standard Error of Percent Change for Employer Firms: 2004 Through 2006

[Estimates are based on data from the 2006 Service Annual Survey and administrative data and are published as percents. Estimates for 2005 and prior years have been revised to reflect historical corrections to individual responses]

Kind of business	Coefficient of variation			Standard error	
	2006	2005	2004	2006/2005	2005/2004
Operating Revenue					
Total	6.5	5.5	4.8	2.6	2.6
Sources of Revenue					
Environmental consulting services	8.4	8.2	7.2	2.4	2.6
Environmental assessment consulting, and consulting combined with implementation	10.2	14.6	12.7	12.5	3.3
Natural resource management consulting, and consulting combined with implementation	23.0	21.4	18.9	16.5	9.2
Waste management consulting, and consulting combined with implementation	18.4	15.7	17.9	15.4	5.1
Environmental policy development consulting, and consulting combined with implementation	21.5	18.7	17.5	4.6	3.5
Environmental audits consulting, and consulting combined with implementation	12.0	13.2	13.6	9.4	5.9
Site remediation planning consulting, and consulting combined with implementation	10.8	9.3	9.1	6.8	3.7
Evaluation of environmental studies consulting, and consulting combined with implementation	20.2	20.7	18.3	15.4	25.3
All other environmental consulting	17.6	20.2	17.7	14.3	3.7
All other operating revenue	8.1	7.1	6.3	6.1	5.6

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-6.10. Scientific Research and Development Services (NAICS 5417) - Estimated Coefficients of Variation for Sources of Revenue and Standard Error of Percent Change for Taxable Employer Firms: 2004 Through 2006

[Estimates are based on data from the 2006 Service Annual Survey and administrative data and are published as percents. Estimates for 2005 and prior years have been revised to reflect historical corrections to individual responses]

Kind of business	Coefficient of variation			Standard error	
	2006	2005	2004	2006/2005	2005/2004
Operating Revenue					
Total	4.3	4.5	4.9	1.1	0.8
Sources of Revenue					
Basic and applied research in natural and exact sciences, except biological sciences	3.8	4.3	5.2	2.3	1.3
Basic and applied research in biotechnology	3.8	4.3	5.2	2.1	1.2
Basic and applied research in other natural and exact sciences, except biological sciences	S	S	S	S	S
Basic and applied research in engineering and technology	7.0	6.2	7.3	2.9	2.4
Basic and applied research in the biological and biomedical sciences	8.5	6.1	5.5	3.9	1.5
Basic and applied research in medical and health sciences	9.1	6.5	5.9	4.2	1.6
Basic and applied research in other biological sciences	11.1	7.5	7.0	17.5	2.0
Basic and applied research in the social sciences and humanities	8.3	S	S	S	S
Production services for development	9.1	11.3	8.2	4.8	5.2
Other operating revenue	4.8	5.0	5.1	1.2	0.9
Licensing of right to use intellectual property	12.0	11.8	10.0	11.7	4.0
Original works of intellectual property	S	S	S	S	S
All other operating revenue	4.7	4.8	5.0	1.1	1.0

S Estimate does not meet publication standards because of high sampling variability (coefficient of variation is greater than 30%) or poor response quality (total quantity response rate is less than 50%). For a description of publication standards and the total quantity response rate, see http://www.census.gov/quality/S20-0_v1.0_Data_Release.pdf.

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-6.11. Scientific Research and Development Services (NAICS 5417) - Estimated Coefficients of Variation for Sources of Revenue and Standard Error of Percent Change for Tax-Exempt Employer Firms: 2004 Through 2006

[Estimates are based on data from the 2006 Service Annual Survey and administrative data and are published as percents. Estimates for 2005 and prior years have been revised to reflect historical corrections to individual responses]

Kind of business	Coefficient of variation			Standard error	
	2006	2005	2004	2006/2005	2005/2004
Operating and Non-operating Revenue					
Total	3.9	3.7	3.4	2.4	1.1
Sources of Revenue					
Basic and applied research in natural and exact sciences, except biological sciences	2.8	10.9	8.8	4.7	1.4
Basic and applied research in biotechnology	7.7	11.9	10.2	4.6	1.8
Basic and applied research in other natural and exact sciences, except biological sciences	3.7	14.4	11.7	4.8	1.4
Basic and applied research in engineering and technology	5.5	5.6	6.0	2.5	0.9
Basic and applied research in the biological and biomedical sciences	11.2	11.2	10.8	6.0	1.8
Basic and applied research in medical and health sciences	14.2	14.9	14.2	8.9	2.1
Basic and applied research in other biological sciences	4.3	5.9	5.4	4.4	1.0
Basic and applied research in the social sciences and humanities	10.5	9.9	12.3	7.1	2.7
Production services for development	26.4	24.7	26.2	4.5	7.4
Other operating revenue	15.4	19.2	19.9	10.9	4.0
Licensing of right to use intellectual property	21.4	9.3	7.7	37.2	2.1
Original works of intellectual property	25.6	S	S	S	S
All other operating revenue	17.7	20.0	20.8	10.1	4.7
Contributions, gifts, and grants received	7.6	6.8	6.2	5.4	2.6
Investment and property income	4.1	5.1	6.5	4.7	2.9
All other non-operating revenue	S	6.8	7.0	S	1.4

S Estimate does not meet publication standards because of high sampling variability (coefficient of variation is greater than 30%) or poor response quality (total quantity response rate is less than 50%). For a description of publication standards and the total quantity response rate, see http://www.census.gov/quality/S20-0_v1.0_Data_Release.pdf.

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-6.12. Advertising Agencies (NAICS 54181) - Estimated Coefficients of Variation for Sources of Revenue and Standard Error of Percent Change for Employer Firms: 2004 Through 2006

[Estimates are based on data from the 2006 Service Annual Survey and administrative data and are published as percents. Estimates for 2005 and prior years have been revised to reflect historical corrections to individual responses]

Kind of business	Coefficient of variation			Standard error	
	2006	2005	2004	2006/2005	2005/2004
Operating Revenue					
Total	5.1	3.0	2.5	3.1	2.3
Sources of Revenue					
Integrated advertising services	5.7	6.5	7.0	6.7	3.2
Advertising creative services (including graphic design services)	20.3	22.9	20.4	20.1	3.3
Media buying	14.5	9.1	14.6	13.5	5.6
Full public relations services	S	28.2	15.1	S	8.2
Sales promotion	19.7	16.8	17.6	4.4	1.5
Direct marketing	27.9	S	S	S	S
Marketing research	10.8	14.7	11.4	13.6	14.3
Other advertising services	15.8	14.2	18.0	24.5	3.4
All other operating revenue	16.9	16.7	16.7	17.6	5.4

S Estimate does not meet publication standards because of high sampling variability (coefficient of variation is greater than 30%) or poor response quality (total quantity response rate is less than 50%). For a description of publication standards and the total quantity response rate, see http://www.census.gov/quality/S20-0_v1.0_Data_Release.pdf.

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-6.13. Public Relations Agencies (NAICS 54182) - Estimated Coefficients of Variation for Sources of Revenue and Standard Error of Percent Change for Employer Firms: 2004 Through 2006

[Estimates are based on data from the 2006 Service Annual Survey and administrative data and are published as percents. Estimates for 2005 and prior years have been revised to reflect historical corrections to individual responses]

Kind of business	Coefficient of variation			Standard error	
	2006	2005	2004	2006/2005	2005/2004
Operating Revenue					
Total	4.7	3.9	3.7	2.9	1.7
Sources of Revenue					
Full public relations services	5.3	4.1	3.6	3.7	1.7
Media relations	23.8	14.0	11.9	21.3	6.0
Crisis management	26.7	27.7	23.3	14.5	3.3
Lobbying	17.5	17.0	18.3	15.1	6.6
Event management	20.5	13.2	12.1	15.6	9.6
Media monitoring and analysis	12.5	11.1	12.5	20.4	6.1
All other operating revenue	20.0	14.3	13.2	9.2	6.5

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-6.14. Media Buying Agencies (NAICS 54183) - Estimated Coefficients of Variation for Sources of Revenue and Standard Error of Percent Change for Employer Firms: 2004 Through 2006

[Estimates are based on data from the 2006 Service Annual Survey and administrative data and are published as percents. Estimates for 2005 and prior years have been revised to reflect historical corrections to individual responses]

Kind of business	Coefficient of variation			Standard error	
	2006	2005	2004	2006/2005	2005/2004
Operating Revenue					
Total	19.1	20.7	21.2	3.2	2.0
Sources of Revenue					
Media planning and/or buying services.....	19.0	20.5	21.1	3.5	2.0
All other operating revenue	S	S	S	S	S

S Estimate does not meet publication standards because of high sampling variability (coefficient of variation is greater than 30%) or poor response quality (total quantity response rate is less than 50%). For a description of publication standards and the total quantity response rate, see http://www.census.gov/quality/S20-0_v1.0_Data_Release.pdf.

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-6.15. Media Representatives (NAICS 54184) - Estimated Coefficients of Variation for Sources of Revenue and Standard Error of Percent Change for Employer Firms: 2004 Through 2006

[Estimates are based on data from the 2006 Service Annual Survey and administrative data and are published as percents. Estimates for 2005 and prior years have been revised to reflect historical corrections to individual responses]

Kind of business	Coefficient of variation			Standard error	
	2006	2005	2004	2006/2005	2005/2004
Operating Revenue					
Total	24.0	25.0	25.0	1.9	3.1
Sources of Revenue					
Sales agent services.....	28.7	29.2	28.8	3.5	3.6
All other operating revenue	S	S	S	S	S

S Estimate does not meet publication standards because of high sampling variability (coefficient of variation is greater than 30%) or poor response quality (total quantity response rate is less than 50%). For a description of publication standards and the total quantity response rate, see http://www.census.gov/quality/S20-0_v1.0_Data_Release.pdf.

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-6.16. Display Advertising (NAICS 54185) - Estimated Coefficients of Variation for Sources of Revenue and Standard Error of Percent Change for Employer Firms: 2004 Through 2006

[Estimates are based on data from the 2006 Service Annual Survey and administrative data and are published as percents. Estimates for 2005 and prior years have been revised to reflect historical corrections to individual responses]

Kind of business	Coefficient of variation			Standard error	
	2006	2005	2004	2006/2005	2005/2004
Operating Revenue					
Total	4.1	3.2	2.0	1.3	2.6
Sources of Revenue					
Leased display advertising media space	5.1	4.3	3.5	1.5	2.4
Large format	5.1	4.6	3.4	1.5	2.3
Transit	7.3	6.5	5.1	1.7	3.2
Street furniture and other urban fixtures	9.6	6.8	9.0	3.3	4.4
Other leased display advertising	23.8	S	S	S	S
All other operating revenue	11.8	12.0	10.0	8.7	4.6

S Estimate does not meet publication standards because of high sampling variability (coefficient of variation is greater than 30%) or poor response quality (total quantity response rate is less than 50%). For a description of publication standards and the total quantity response rate, see http://www.census.gov/quality/S20-0_v1.0_Data_Release.pdf.

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-6.17. Direct Mail Advertising (NAICS 54186) - Estimated Coefficients of Variation for Sources of Revenue and Standard Error of Percent Change for Employer Firms: 2004 Through 2006

[Estimates are based on data from the 2006 Service Annual Survey and administrative data and are published as percents. Estimates for 2005 and prior years have been revised to reflect historical corrections to individual responses]

Kind of business	Coefficient of variation			Standard error	
	2006	2005	2004	2006/2005	2005/2004
Operating Revenue					
Total	3.4	2.5	1.9	1.8	1.4
Sources of Revenue					
Full direct mail services	3.9	4.2	3.2	2.6	1.6
Concept development for a direct mail advertising campaign	S	S	25.8	S	6.2
Mail list creation and support services	14.3	13.4	11.0	9.8	12.8
Print services for direct mail advertising materials	6.2	8.9	9.9	6.8	2.1
Letter shop services	9.8	7.6	7.8	5.3	3.1
Fulfillment services	14.4	14.7	13.0	12.9	7.3
Other direct mail advertising services	19.4	17.4	18.3	26.9	8.1
All other operating revenue	12.1	8.7	11.7	10.4	3.5

S Estimate does not meet publication standards because of high sampling variability (coefficient of variation is greater than 30%) or poor response quality (total quantity response rate is less than 50%). For a description of publication standards and the total quantity response rate, see http://www.census.gov/quality/S20-0_v1.0_Data_Release.pdf.

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-6.18. Professional, Scientific, and Technical Services (NAICS 54) - Estimated Coefficients of Variation for Total Expenses and Standard Error of Percent Change for Employer Firms: 2004 Through 2006

[Estimates are based on data from the 2006 Service Annual Survey and administrative data and are published as percents. Estimates for 2005 and prior years have been revised to reflect historical corrections to individual responses]

NAICS code	Kind of business	Coefficient of variation			Standard error	
		2006	2005	2004	2006/2005	2005/2004
54	Professional, scientific, and technical services¹	2.0	1.9	1.6	1.0	0.5
5411	Legal services ¹	2.9	2.1	2.5	1.8	1.4
54111	Offices of lawyers	2.8	2.0	2.5	1.9	1.5
54119	Other legal services	9.0	8.6	7.8	2.0	1.9
5412	Accounting, tax preparation, bookkeeping, and payroll services	2.2	2.2	1.6	2.3	1.7
541211	Offices of certified public accountants	3.7	3.1	2.4	2.1	2.0
541213	Tax preparation services	6.9	5.9	4.9	6.2	2.8
541214	Payroll services	5.3	4.1	4.1	5.1	3.1
541219	Other accounting services	6.5	5.5	4.6	3.1	3.5
5413	Architectural, engineering, and related services	6.1	6.6	5.8	3.9	2.2
54131	Architectural services	4.4	4.6	3.6	3.8	2.6
54132	Landscape architectural services	4.4	4.7	4.4	4.5	2.1
54133	Engineering services	8.3	9.3	8.1	5.0	3.0
54138	Testing laboratories	8.2	7.2	5.3	3.1	3.6
5413x	Other related services ²	6.5	5.3	5.6	3.8	4.1
5414	Specialized design services	2.6	2.7	2.7	1.7	1.0
54141	Interior design services	6.0	4.5	5.2	3.3	2.4
54143	Graphic design services	5.2	5.0	4.5	2.1	1.8
5414y	All other design services ³	8.8	9.4	9.2	5.2	2.4
5415	Computer systems design and related services	2.9	2.6	2.4	1.1	0.9
541511	Custom computer programming services	5.2	4.6	4.6	2.4	2.4
541512	Computer systems design services	3.2	3.0	2.5	1.3	1.2
541513	Computer facilities management services	3.9	3.3	3.0	1.7	1.0
541519	Other computer related services	9.1	7.5	6.4	3.2	3.0
5416	Management, scientific, and technical consulting services	4.4	3.8	2.9	2.0	2.0
54161	Management consulting services	4.9	4.2	3.2	2.6	2.2
54162	Environmental consulting services	6.9	5.3	5.5	3.1	3.0
54169	Other scientific and technical consulting services	7.9	6.6	6.3	4.7	4.5
5417	Scientific research and development services	4.2	3.6	3.5	1.2	0.7
54171	Research and development in the physical, engineering, and life sciences	4.2	3.8	3.8	1.0	0.7
54172	Research and development in the social sciences and humanities	7.5	3.6	3.6	5.9	1.0
5418	Advertising and related services	3.0	2.6	2.5	1.7	1.3
54181	Advertising agencies	5.6	3.7	3.8	3.8	2.1
54182	Public relations agencies	5.9	5.3	5.1	2.3	1.7
54183	Media buying agencies	19.9	20.6	21.1	3.8	4.1
54184	Media representatives	24.5	27.6	28.3	3.1	3.2
54185	Display advertising	3.9	3.3	3.0	2.4	2.2
54186	Direct mail advertising	3.9	5.1	4.3	3.1	4.9
5418y	All other advertising ⁴	7.4	5.3	5.0	3.9	2.7

See footnotes at end of table.

Table A-6.18. Professional, Scientific, and Technical Services (NAICS 54) - Estimated Coefficients of Variation for Total Expenses and Standard Error of Percent Change for Employer Firms: 2004 Through 2006—Con.

[Estimates are based on data from the 2006 Service Annual Survey and administrative data and are published as percents. Estimates for 2005 and prior years have been revised to reflect historical corrections to individual responses]

NAICS code	Kind of business	Coefficient of variation			Standard error	
		2006	2005	2004	2006/2005	2005/2004
5419	Other professional, scientific, and technical services	2.6	3.0	2.8	1.9	1.3
54191	Marketing research and public opinion polling	5.9	5.5	5.2	1.8	2.2
54192	Photographic services	3.7	3.9	4.1	1.6	2.4
541921	Photography studios, portrait	5.5	6.2	5.7	2.3	2.8
541922	Commercial photography	6.8	6.3	5.7	4.9	2.6
54193	Translation and interpretation services	7.6	8.5	7.6	3.6	1.9
54194	Veterinary services	3.6	3.0	2.3	2.9	1.8
54199	All other professional, scientific, and technical services	5.3	10.4	10.7	4.6	3.1

¹Excludes NAICS 54112 (Offices of notaries).

²Includes NAICS 54134 (Drafting services), NAICS 54135 (Building inspection services), NAICS 54136 (Geophysical surveying and mapping services), and NAICS 54137 (Surveying and mapping (except geophysical) services).

³Includes NAICS 54142 (Industrial design services) and NAICS 54149 (Other specialized design services).

⁴Includes NAICS 54187 (Advertising material distribution services) and NAICS 54189 (Other services related to advertising).

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-6.19. Professional, Scientific, and Technical Services (NAICS 54) – Estimated Coefficients of Variation for Expenses and Standard Error of Percent Change for Tax-Exempt Employer Firms: 2004 Through 2006

[Estimates are based on data from the 2006 Service Annual Survey and administrative data and are published as percents. Estimates for 2005 and prior years have been revised to reflect historical corrections to individual responses]

NAICS code	Kind of business	Coefficient of variation			Standard error	
		2006	2005	2004	2006/2005	2005/2004
54	Professional, scientific, and technical services	3.7	3.1	3.3	2.0	0.8
54111	Offices of lawyers	6.0	3.8	3.6	4.9	2.7
5417	Scientific research and development services	4.1	3.5	3.7	2.1	0.8
54171	Research and development in the physical, engineering, and life sciences	4.2	3.9	3.9	1.2	0.9
54172	Research and development in the social sciences and humanities	10.1	2.8	3.2	11.4	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-6.20. Professional, Scientific, and Technical Services (NAICS 54)¹ - Estimated Coefficients of Variation and Standard Error of Percent Change for Selected Expenses for Employer Firms: 2004 Through 2006

[Estimates are based on data from the 2006 Service Annual Survey and administrative data and are published as percents. Estimates for 2005 and prior years have been revised to reflect historical corrections to individual responses]

Kind of business	Coefficient of variation			Standard error	
	2006	2005	2004	2006/2005	2005/2004
Operating Expenses					
Total	2.0	1.9	1.6	1.0	0.5
Personnel costs	2.1	1.7	1.5	0.8	0.5
Gross annual payroll	2.3	1.8	1.6	0.8	0.6
Employer's cost for fringe benefits	2.1	1.6	1.6	1.1	0.6
Temporary staff and leased employee expense	4.5	6.3	4.1	3.1	3.2
Expensed materials, parts and supplies (not for resale)	5.8	3.5	3.2	6.0	1.3
Expensed equipment	3.6	3.0	2.6	3.6	1.5
Expensed purchase of other materials, parts, and supplies	7.5	4.0	3.9	7.4	1.5
Expensed purchased services	2.2	1.7	1.8	1.8	0.5
Expensed purchases of software	6.7	3.4	3.3	7.5	2.2
Purchased electricity and fuels (except motor fuels)	4.7	4.8	5.2	3.3	1.6
Lease and rental payments	2.2	1.6	1.5	1.4	0.5
Purchased repair and maintenance	6.0	2.5	2.4	4.0	1.9
Purchased advertising and promotional services	5.5	5.1	5.4	5.6	1.9
Other operating expenses	2.4	3.2	2.3	2.0	1.2
Depreciation and amortization charges	2.7	2.3	2.2	1.7	1.1
Governmental taxes and license fees	2.6	3.7	4.8	2.5	2.7
All other operating expenses	2.7	3.5	2.5	2.2	1.3

¹Excludes NAICS 54112 (Offices of notaries).

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>.