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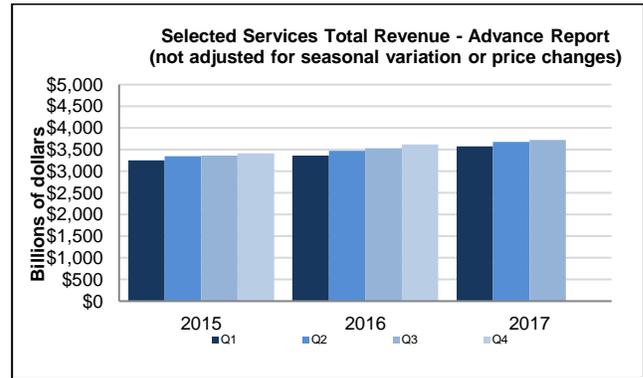
QUARTERLY SELECTED SERVICES ESTIMATES, THIRD QUARTER 2017 – ADVANCE REPORT

Release Number: CB17-190

November 17, 2017 — The U.S. Census Bureau announced the following selected services estimates for the third calendar quarter of 2017:

 SELECTED SERVICES TOTAL REVENUE – ADVANCE REPORT		
3Q 2017	\$3,720.3 billion	+1.2 %
2Q 2017 (revised)	\$3,677.5 billion	+3.0 %
Next release: December 7, 2017		

Source: U.S. Census Bureau, Quarterly Services Survey, November 17, 2017



Selected Services Total

Advance U.S. selected services total revenue for the third quarter of 2017, not adjusted for seasonal variation or price changes, was \$3,720.3 billion, an increase of 1.2 percent (± 0.4 percent) from the second quarter of 2017 and up 5.3 percent (± 3.2 percent) from the third quarter of 2016. The first quarter of 2017 to second quarter of 2017 percentage change was revised from the preliminary estimate of 3.2 percent (± 0.6 percent) to 3.0 percent (± 0.4 percent).

Utilities

Advance U.S. utilities revenue for the third quarter of 2017, not adjusted for seasonal variation or price changes, was \$156.1 billion, an increase of 13.9 percent (± 3.8 percent) from the second quarter of 2017 and up 1.2 percent (± 9.9 percent)* from the third quarter of 2016. The first quarter of 2017 to second quarter of 2017 percentage change was revised from the preliminary estimate of -7.8 percent (± 1.3 percent) to -7.5 percent (± 1.7 percent).

Transportation and warehousing

Advance U.S. transportation and warehousing revenue for the third quarter of 2017, not adjusted for seasonal variation or price changes, was \$232.7 billion, an increase of 0.2 percent (± 1.1 percent)* from the second quarter of 2017 and up 3.0 percent (± 7.0 percent)* from the third quarter of 2016. The first quarter of 2017 to second quarter of 2017 percentage change was revised from the preliminary estimate of 7.9 percent (± 0.6 percent) to 8.2 percent (± 0.9 percent).

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Information

Advance U.S. information sector revenue for the third quarter of 2017, not adjusted for seasonal variation or price changes, was \$385.3 billion, an increase of 1.2 percent (± 0.4 percent) from the second quarter of 2017 and up 6.1 percent (± 3.8 percent) from the third quarter of 2016. The first quarter of 2017 to second quarter of 2017 percentage change was revised from the preliminary estimate of 2.5 percent (± 0.6 percent) to 2.1 percent (± 0.6 percent).

Finance and insurance

Advance U.S. finance and insurance revenue for the third quarter of 2017, not adjusted for seasonal variation or price changes, was \$1,150.9 billion, an increase of 1.4 percent (± 0.4 percent) from the second quarter of 2017 and up 6.4 percent (± 9.5 percent)* from the third quarter of 2016. The first quarter of 2017 to second quarter of 2017 percentage change was revised from the preliminary estimate of 2.2 percent (± 1.7 percent) to 2.3 percent (± 0.4 percent).

Real estate and rental and leasing

Advance U.S. real estate and rental and leasing revenue for the third quarter of 2017, not adjusted for seasonal variation or price changes, was \$177.8 billion, an increase of 1.2 percent (± 1.3 percent)* from the second quarter of 2017 and up 6.4 percent (± 10.2 percent)* from the third quarter of 2016. The first quarter of 2017 to second quarter of 2017 percentage change was revised from the preliminary estimate of 8.8 percent (± 1.5 percent) to 8.5 percent (± 1.7 percent).

Professional, scientific, and technical services

Advance U.S. professional, scientific, and technical services revenue for the third quarter of 2017, not adjusted for seasonal variation or price changes, was \$439.1 billion, a decrease of 1.5 percent (± 1.3 percent) from the second quarter of 2017 and up 1.4 percent (± 6.1 percent)* from the third quarter of 2016. The first quarter of 2017 to second quarter of 2017 percentage change was revised from the preliminary estimate of 3.7 percent (± 1.3 percent) to 2.8 percent (± 1.1 percent).

Administrative and support and waste management and remediation services

Advance U.S. administrative and support and waste management and remediation services revenue for the third quarter of 2017, not adjusted for seasonal variation or price changes, was \$241.5 billion, an increase of 1.8 percent (± 1.3 percent) from the second quarter of 2017 and up 8.7 percent (± 6.8 percent) from the third quarter of 2016. The first quarter of 2017 to second quarter of 2017 percentage change was revised from the preliminary estimate of 4.2 percent (± 0.9 percent) to 4.9 percent (± 1.5 percent).

Educational services

Advance U.S. educational services revenue for the third quarter of 2017, not adjusted for seasonal variation or price changes, was \$17.7 billion, a decrease of 1.7 percent (± 3.2 percent)* from the second quarter of 2017 and up 9.3 percent (± 8.9 percent) from the third quarter of 2016. The first quarter of 2017 to second quarter of 2017 percentage change was revised from the preliminary estimate of 11.0 percent (± 3.0 percent).

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to 7.4 percent (± 2.5 percent).

Health care and social assistance

Advance U.S. health care and social assistance revenue for the third quarter of 2017, not adjusted for seasonal variation or price changes, was \$631.2 billion, a decrease of 0.4 percent (± 0.6 percent)* from the second quarter of 2017 and up 4.4 percent (± 3.2 percent) from the third quarter of 2016. The first quarter of 2017 to second quarter of 2017 percentage change was revised from the preliminary estimate of 1.0 percent (± 0.9 percent) to 1.0 percent (± 0.4 percent).

Arts, entertainment, and recreation

Advance U.S. arts, entertainment, and recreation revenue for the third quarter of 2017, not adjusted for seasonal variation or price changes, was \$73.9 billion, an increase of 8.7 percent (± 2.1 percent) from the second quarter of 2017 and up 10.5 percent (± 7.8 percent) from the third quarter of 2016. The first quarter of 2017 to second quarter of 2017 percentage change was revised from the preliminary estimate of 13.6 percent (± 3.4 percent) to 12.9 percent (± 2.7 percent).

Accommodation

Advance U.S. accommodation revenue for the third quarter of 2017, not adjusted for seasonal variation or price changes, was \$66.0 billion, a decrease of 0.4 percent (± 0.9 percent)* from the second quarter of 2017 and up 2.2 percent (± 8.1 percent)* from the third quarter of 2016. The first quarter of 2017 to second quarter of 2017 percentage change was revised from the preliminary estimate of 10.3 percent (± 1.5 percent) to 11.9 percent (± 1.3 percent).

Other services (except public administration)

Advance U.S. other services (except public administration) revenue for the third quarter of 2017, not adjusted for seasonal variation or price changes, was \$148.1 billion, an increase of 0.4 percent (± 5.3 percent)* from the second quarter of 2017 and up 10.9 percent (± 8.0 percent) from the third quarter of 2016. The first quarter of 2017 to second quarter of 2017 percentage change was revised from the preliminary estimate of 9.4 percent (± 3.0 percent) to 5.9 percent (± 3.4 percent).

Notes

The Advance Quarterly Services Report contains current quarter not seasonally adjusted estimates of revenue for a subset of industries found in the Full Quarterly Services Report. In addition, prior quarter not seasonally adjusted estimates for all items and industry levels have been revised and are available here www.census.gov/econ/currentdata/?programCode=QSS. Seasonally adjusted quarterly services estimates have not been revised with this release. For more information on the Advance Quarterly Services Report, please visit www.census.gov/services/qss/advance_services_faqs.html.

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Sample Revision

Effective with this release, quarterly services estimates are based on a new sample and published on a 2012 North American Industry Classification System (NAICS) basis. For more information on the new sample or the impact of adopting the 2012 NAICS definitions, visit www.census.gov/services/qss/faqs.

Notice

For information on the impact of hurricanes on the compilation of the 3rd quarter report, please see the following Frequently Asked Questions (FAQ): www.census.gov/services/qss/hurricanefaq.

Upcoming Benchmarking

Effective with the February 2018 release for the fourth quarter of 2017, quarterly services estimates will be revised based on the results of the 2016 Service Annual Survey.

Release Schedule

The third quarter 2017 Quarterly Services Report is scheduled for release on December 7, 2017, at 10:00 A.M. EST. View the full schedule in the Economic Briefing Room: www.census.gov/economic-indicators/.

Additional industry detail and estimates of revenue, expenses, inpatient days, and discharges can be found at www.census.gov/services/.

API

The Census Bureau's application programming interface lets developers create custom apps to reach new users and makes key demographic, socio-economic and housing statistics more accessible than ever before. www.census.gov/developers/

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*The 90 percent confidence interval includes zero. There is insufficient evidence to conclude that the actual change is different from zero.

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Table A1. Selected Services - Advance Estimated Quarterly Revenue for Employer Firms, Not Seasonally Adjusted

[Estimates are not adjusted for seasonal variation or for price changes and are based on data from the Quarterly Services Survey.

For additional information see www.census.gov/services]

2012 NAICS code ¹	Kind of business	Total revenue (millions of dollars)				Percent change		
		3Q 2017 (a)	2Q 2017 (r)	3Q 2016	2Q 2016	3Q 2017 from 2Q 2017 (a)	3Q 2016 from 2Q 2016	3Q 2017 from 3Q 2016 (a)
	Selected Services Total ²	3,720,259	3,677,476	3,533,145	3,471,049	1.2	1.8	5.3
22	Utilities ³	156,091	136,984	154,305	128,480	13.9	20.1	1.2
48-49	Transportation and warehousing ⁴	232,721	232,358	225,927	220,901	0.2	2.3	3.0
481	Air transportation	51,762	51,994	52,066	50,884	-0.4	2.3	-0.6
483	Water transportation	13,005	10,693	12,166	10,424	21.6	16.7	6.9
484	Truck transportation	69,740	69,631	68,053	66,119	0.2	2.9	2.5
485	Transit and ground passenger transportation	8,149	9,446	7,706	9,022	-13.7	-14.6	5.7
488	Support activities for transportation	46,779	48,223	45,356	44,642	-3.0	1.6	3.1
492	Couriers and messengers	20,973	21,071	20,067	19,898	-0.5	0.8	4.5
493	Warehousing and storage	9,395	9,276	8,435	8,166	1.3	3.3	11.4
51	Information	385,328	380,783	363,301	361,735	1.2	0.4	6.1
511	Publishing industries (except Internet)	77,970	76,751	71,572	73,220	1.6	-2.3	8.9
5112	Software publishers	54,602	54,108	47,459	49,653	0.9	-4.4	15.1
512	Motion picture and sound recording industries	25,616	25,740	24,863	24,338	-0.5	2.2	3.0
517	Telecommunications	154,054	153,383	153,287	152,341	0.4	0.6	0.5
5171	Wired telecommunications carriers	79,759	79,820	78,824	79,019	-0.1	-0.2	1.2
5172	Wireless telecommunications carriers (except satellite)	63,031	62,732	63,870	62,749	0.5	1.8	-1.3
518	Data processing, hosting, and related services	40,997	39,022	35,922	35,281	5.1	1.8	14.1
519	Other information services	47,609	45,799	38,785	38,073	4.0	1.9	22.8
52	Finance and insurance ⁵	1,150,876	1,134,926	1,081,828	1,061,685	1.4	1.9	6.4
522	Credit intermediation and related activities	311,489	302,673	295,295	288,041	2.9	2.5	5.5
524	Insurance carriers and related activities	651,625	644,711	610,385	598,176	1.1	2.0	6.8
53	Real estate and rental and leasing	177,795	175,661	167,119	162,996	1.2	2.5	6.4
531	Real estate	123,640	123,130	116,585	113,037	0.4	3.1	6.1
532	Rental and leasing services	43,730	41,974	40,978	39,813	4.2	2.9	6.7
54	Professional, scientific, and technical services ⁶	439,135	445,873	432,912	435,215	-1.5	-0.5	1.4
5411	Legal services	72,090	72,803	71,527	71,122	-1.0	0.6	0.8
5412	Accounting, tax preparation, bookkeeping, and payroll services	39,558	48,770	38,894	45,185	-18.9	-13.9	1.7
5413	Architectural, engineering, and related services	78,420	76,041	77,228	75,053	3.1	2.9	1.5
5415	Computer systems design and related services	94,742	95,073	92,245	90,879	-0.3	1.5	2.7
5416	Management, scientific, and technical consulting services	66,973	64,638	64,391	63,865	3.6	0.8	4.0
5418	Advertising, public relations, and related services	26,365	26,665	26,117	25,822	-1.1	1.1	0.9
56	Administrative and support and waste management and remediation services	241,503	237,280	222,186	216,293	1.8	2.7	8.7
561	Administrative and support services	217,204	213,353	198,739	193,191	1.8	2.9	9.3
562	Waste management and remediation services	24,299	23,927	23,447	23,102	1.6	1.5	3.6
61	Educational services ⁷	17,655	17,961	16,157	17,624	-1.7	-8.3	9.3
62	Health care and social assistance	631,154	633,957	604,410	612,677	-0.4	-1.3	4.4
	Health care and social assistance - taxable	314,692	315,275	300,931	302,262	-0.2	-0.4	4.6
	Health care and social assistance - tax-exempt	316,462	318,682	303,479	310,415	-0.7	-2.2	4.3
621	Ambulatory health care services	254,087	253,862	241,000	242,500	0.1	-0.6	5.4
	Ambulatory health care services - taxable	229,207	229,284	217,370	218,859	Z	-0.7	5.4
	Ambulatory health care services - tax-exempt	24,880	24,578	23,630	23,641	1.2	Z	5.3
6211	Offices of physicians	125,343	123,685	118,120	119,234	1.3	-0.9	6.1
6214	Outpatient care centers	34,015	34,553	32,883	32,231	-1.6	2.0	3.4
6215	Medical and diagnostic laboratories	12,564	12,668	12,121	12,403	-0.8	-2.3	3.7
6219	Other ambulatory health care services	9,600	9,252	8,719	8,657	3.8	0.7	10.1
622	Hospitals	271,789	274,074	261,757	268,422	-0.8	-2.5	3.8
	Hospitals - taxable	33,131	33,834	32,799	33,017	-2.1	-0.7	1.0
	Hospitals - tax-exempt	238,658	240,240	228,958	235,405	-0.7	-2.7	4.2
623	Nursing and residential care facilities	60,490	59,771	59,123	58,733	1.2	0.7	2.3
	Nursing and residential care facilities - taxable	39,189	38,799	38,292	37,970	1.0	0.8	2.3
	Nursing and residential care facilities - tax-exempt	21,301	20,972	20,831	20,763	1.6	0.3	2.3
624	Social assistance	44,788	46,250	42,530	43,022	-3.2	-1.1	5.3
71	Arts, entertainment, and recreation	73,876	67,952	66,848	62,380	8.7	7.2	10.5
711	Performing arts, spectator sports, and related industries	33,600	28,728	29,673	25,996	17.0	14.1	13.2
712	Museums, historical sites, and similar institutions	4,181	4,307	4,075	4,084	-2.9	-0.2	2.6
713	Amusement, gambling, and recreation industries	36,095	34,917	33,100	32,300	3.4	2.5	9.0
721	Accommodation	65,996	66,254	64,556	62,497	-0.4	3.3	2.2
81	Other services (except public administration) ⁸	148,129	147,487	133,596	128,566	0.4	3.9	10.9
811	Repair and maintenance	42,016	42,257	40,907	41,777	-0.6	-2.1	2.7
812	Personal and laundry services	28,416	29,226	27,669	27,451	-2.8	0.8	2.7

Table A1. Selected Services - Advance Estimated Quarterly Revenue for Employer Firms, Not Seasonally Adjusted

[Estimates are not adjusted for seasonal variation or for price changes and are based on data from the Quarterly Services Survey.

For additional information see www.census.gov/services]

2012 NAICS code ¹	Kind of business	Total revenue (millions of dollars)				Percent change		
		3Q 2017 (a)	2Q 2017 (r)	3Q 2016	2Q 2016	3Q 2017 from 2Q 2017 (a)	3Q 2016 from 2Q 2016	3Q 2017 from 3Q 2016 (a)

(a) Advance estimate. (r) Revised estimate. Z Absolute value is less than .05.

(1) For a full description of the NAICS (North American Industry Classification System) codes used in this table, see the 2012 NAICS manual or www.census.gov/eos/www/naics/.

(2) Includes NAICS 22 (Utilities), NAICS 48-49 (Transportation and warehousing), NAICS 51 (Information), NAICS 52 (Finance and insurance), NAICS 53 (Real estate and rental and leasing), NAICS 54 (Selected professional, scientific, and technical services), NAICS 56 (Administrative and support and waste management and remediation services), NAICS 61 (Educational services), NAICS 62 (Health care and social assistance), NAICS 71 (Arts, entertainment, and recreation), NAICS 721 (Accommodation), and NAICS 81 (Other services (except public administration)). Exclusions listed in footnotes 3, 4, 5, 6, 7, and 8 also apply to the Selected Services Total.

(3) Excludes government owned utilities.

(4) Excludes NAICS 482 (Rail transportation) and 491 (Postal service).

(5) Excludes NAICS 525 (Funds, trusts, and other financial vehicles).

(6) Excludes NAICS 54112 (Offices of notaries).

(7) Excludes NAICS 6111 (Elementary and secondary schools), 6112 (Junior colleges), and 6113 (Colleges, universities, and professional schools).

(8) Excludes NAICS 8131 (Religious organizations), 81393 (Labor unions and similar labor organizations), 81394 (Political organizations), and 814 (Private households).

Note: Estimates cover taxable and tax-exempt firms unless otherwise specified. Additionally, estimates for some sectors and subsectors may include data for kinds of business not shown. Table A2 provides estimated measures of sampling variability. Data users who create their own estimates using data from this report should cite the U.S. Census Bureau as the source of the original data only. Additional information on confidentiality protection, sampling error, nonsampling error, sample design, and definitions may be found at www.census.gov/services/qss/cv.html. For NAICS 52, estimates may include unrealized gains (losses).

Table A2. Selected Services - Advance Estimated Measures of Sampling Variability

[Estimates are not adjusted for seasonal variation or for price changes and are based on data from the Quarterly Services Survey.

For additional information see www.census.gov/services]

2012 NAICS code	Kind of business	Coefficient of variation for total revenue				Standard error for percent change		
		3Q 2017 (a)	2Q 2017 (r)	3Q 2016	2Q 2016	3Q 2017 from 2Q 2017 (a)	3Q 2016 from 2Q 2016	3Q 2017 from 3Q 2016 (a)
	Selected Services Total	0.6	0.7	1.4	1.4	0.2	0.2	1.7
22	Utilities	3.2	2.0	4.5	4.6	2.0	1.0	5.2
48-49	Transportation and warehousing	1.9	2.1	2.7	2.7	0.6	0.3	3.7
481	Air transportation	1.5	1.5	4.4	4.3	0.4	0.2	4.5
483	Water transportation	7.9	7.7	3.1	3.2	0.3	1.0	12.5
484	Truck transportation	5.3	5.9	7.9	7.8	1.0	1.0	10.0
485	Transit and ground passenger transportation	3.2	3.8	5.5	6.7	1.5	2.2	3.9
488	Support activities for transportation	3.6	4.2	5.9	6.1	1.9	1.5	9.4
492	Couriers and messengers	4.8	3.8	1.6	1.6	0.9	0.2	6.9
493	Warehousing and storage	5.7	5.3	6.0	5.7	0.7	1.4	11.3
51	Information	1.7	1.6	1.4	1.6	0.2	0.3	2.0
511	Publishing industries (except Internet)	3.1	2.9	4.6	5.1	0.8	0.8	5.2
5112	Software publishers	3.5	3.4	6.0	6.6	0.7	1.1	7.1
512	Motion picture and sound recording industries	0.9	1.1	3.2	3.9	0.9	1.5	2.9
517	Telecommunications	1.6	1.5	1.7	2.0	0.1	0.3	2.1
5171	Wired telecommunications carriers	1.9	1.7	3.4	3.6	0.2	0.3	2.9
5172	Wireless telecommunications carriers (except satellite)	1.8	1.8	2.6	2.8	Z	0.3	3.8
518	Data processing, hosting, and related services	3.7	4.0	3.5	4.0	1.1	0.7	6.2
519	Other information services	5.7	5.5	3.1	3.9	0.3	1.2	8.1
52	Finance and insurance	1.8	1.7	4.8	5.2	0.2	0.6	5.0
522	Credit intermediation and related activities	1.6	1.5	4.4	4.7	0.3	0.6	4.7
524	Insurance carriers and related activities	2.0	1.9	7.1	7.8	0.4	0.8	6.8
53	Real estate and rental and leasing	1.5	1.9	5.4	5.2	0.7	0.4	5.4
531	Real estate	2.4	2.5	7.4	7.2	0.7	0.4	7.5
532	Rental and leasing services	2.9	3.4	3.9	4.2	0.8	0.7	5.8
54	Professional, scientific, and technical services	1.6	1.6	2.2	2.4	0.7	0.5	3.2
5411	Legal services	2.7	2.9	2.7	2.3	1.3	1.7	4.0
5412	Accounting, tax preparation, bookkeeping, and payroll services	2.5	1.9	4.8	4.0	1.0	1.3	3.7
5413	Architectural, engineering, and related services	3.2	3.2	5.1	4.8	2.3	1.1	9.7
5415	Computer systems design and related services	2.5	2.5	7.1	7.5	1.6	0.9	6.7
5416	Management, scientific, and technical consulting services	3.3	2.5	5.4	5.2	1.4	0.6	6.2
5418	Advertising, public relations, and related services	1.7	1.9	3.1	3.0	1.0	0.4	3.9
56	Administrative and support and waste management and remediation services	2.4	1.9	1.4	1.4	0.7	0.6	3.6
561	Administrative and support services	2.7	2.1	1.9	1.9	0.8	0.7	4.1
562	Waste management and remediation services	3.3	2.4	3.7	3.5	2.0	1.1	5.8
61	Educational services	3.2	2.3	4.8	4.6	1.7	0.9	4.7
62	Health care and social assistance	0.9	0.9	1.9	2.2	0.3	0.5	1.7
	Health care and social assistance - taxable	1.5	1.5	2.6	2.5	0.3	0.3	3.1
	Health care and social assistance - tax-exempt	2.5	2.2	2.5	3.0	0.5	1.0	3.0
621	Ambulatory health care services	1.2	1.2	2.1	1.9	0.5	0.2	2.7
	Ambulatory health care services - taxable	1.3	1.4	2.4	2.3	0.5	0.3	3.2
	Ambulatory health care services - tax-exempt	4.4	4.1	3.6	3.7	0.7	0.5	7.1
6211	Offices of physicians	2.2	2.6	5.8	5.4	0.8	0.6	7.7
6214	Outpatient care centers	3.0	2.3	3.3	3.4	1.1	1.0	5.4
6215	Medical and diagnostic laboratories	3.4	3.5	3.9	3.9	0.9	0.7	5.3
6219	Other ambulatory health care services	3.3	3.3	6.1	6.0	0.8	0.8	7.2
622	Hospitals	2.1	1.9	3.4	4.0	0.4	1.1	2.8
	Hospitals - taxable	9.0	8.2	10.8	10.3	0.8	0.4	13.7
	Hospitals - tax-exempt	3.0	2.6	3.4	4.0	0.6	1.3	3.8
623	Nursing and residential care facilities	3.1	2.9	4.9	4.4	0.8	0.8	5.7
	Nursing and residential care facilities - taxable	2.1	1.9	6.6	5.7	0.9	1.2	7.4
	Nursing and residential care facilities - tax-exempt	6.2	5.9	2.6	2.9	1.2	0.5	5.0
624	Social assistance	2.1	2.0	1.9	2.2	1.2	1.2	3.6
71	Arts, entertainment, and recreation	2.4	2.7	3.5	3.3	1.1	1.6	4.1
711	Performing arts, spectator sports, and related industries	1.2	2.7	3.9	5.0	2.4	4.0	5.4
712	Museums, historical sites, and similar institutions	8.5	9.0	5.0	3.4	2.1	2.8	11.1
713	Amusement, gambling, and recreation industries	4.6	4.8	5.3	4.3	0.9	1.5	7.4
721	Accommodation	1.2	1.7	3.5	3.5	0.5	0.9	4.3
81	Other services (except public administration)	2.3	2.4	2.0	2.2	2.8	0.9	4.2
811	Repair and maintenance	5.0	3.7	3.9	3.6	1.4	0.9	7.3
812	Personal and laundry services	3.0	3.3	4.3	4.5	0.5	0.6	3.8

Table A2. Selected Services - Advance Estimated Measures of Sampling Variability

[Estimates are not adjusted for seasonal variation or for price changes and are based on data from the Quarterly Services Survey.

For additional information see www.census.gov/services]

2012 NAICS code	Kind of business	Coefficient of variation for total revenue				Standard error for percent change		
		3Q 2017 (a)	2Q 2017 (r)	3Q 2016	2Q 2016	3Q 2017 from 2Q 2017 (a)	3Q 2016 from 2Q 2016	3Q 2017 from 3Q 2016 (a)

(a) Advance estimate. (r) Revised estimate. Z Absolute value is less than .05.

Note: Estimated measures of sampling variability are based on data not adjusted for seasonal variation, and should be used when drawing inferences about both adjusted and not adjusted estimates. Standard errors for percent changes that include estimates prior to Q1 2017 may be larger than those previously published because the estimated totals used to produce the percent changes are derived from different samples. Additional information on confidentiality protection, sampling error, nonsampling errors, sample design, and definitions may be found at www.census.gov/services/qss/cv/html.

Table A4. Selected Services - Advance Estimated Quarterly Revenue for Employer Firms, Not Seasonally Adjusted

[Estimates are not adjusted for seasonal variation or for price changes and are based on data from the Quarterly Services Survey. For additional information see www.census.gov/services]

2012 NAICS code ¹	Kind of business	Total revenue (millions of dollars)						Percent change				Year to date			
		3Q 2017 (a)	2Q 2017 (r)	1Q 2017	4Q 2016	3Q 2016	2Q 2016	3Q 2017 from 2Q 2017 (a)	2Q 2017 from 1Q 2017 (r)	3Q 2017 from 3Q 2016 (a)	2Q 2017 from 2Q 2016 (r)	2017 (a)	2016	2017 from 2016 (a)	
	Selected Services Total²	3,720,259	3,677,476	3,570,394	3,616,917	3,533,145	3,471,049	1.2	3.0		5.3	5.9	10,968,129	10,361,556	5.9
22	Utilities³	156,091	136,984	148,140	139,537	154,305	128,480	13.9	-7.5	1.2	6.6	441,215	427,020	3.3	
2211	Electric power generation, transmission and distribution	X	112,901	110,367	110,085	134,135	107,902	X	2.3	X	4.6	X	351,477	X	
2212	Natural gas distribution	X	20,430	34,470	25,876	16,335	17,189	X	-40.7	X	18.9	X	65,162	X	
2213	Water, sewage and other systems	X	3,653	3,303	3,576	3,835	3,389	X	10.6	X	7.8	X	10,381	X	
48-49	Transportation and warehousing⁴	232,721	232,358	214,748	223,406	225,927	220,901	0.2	8.2	3.0	5.2	679,827	654,561	3.9	
481	Air transportation	51,762	51,994	45,302	48,007	52,066	50,884	-0.4	14.8	-0.6	2.2	149,058	149,116	Z	
483	Water transportation	13,005	10,693	10,033	10,519	12,166	10,424	21.6	6.6	6.9	2.6	33,731	32,396	4.1	
4831	Deep sea, coastal, and Great Lakes water transportation	X	8,856	8,124	8,456	10,123	8,420	X	9.0	X	5.2	X	26,412	X	
4832	Inland water transportation	X	1,837	1,909	2,063	2,043	2,004	X	-3.8	X	-8.3	X	5,984	X	
484	Truck transportation	69,740	69,631	63,284	65,611	68,053	66,119	0.2	10.0	2.5	5.3	202,655	195,955	3.4	
4841	General freight trucking	X	42,535	39,545	41,224	42,106	41,887	X	7.6	X	1.5	X	123,849	X	
48412	General freight trucking, long-distance	X	35,954	33,480	35,297	35,963	35,630	X	7.4	X	0.9	X	105,279	X	
4842	Specialized freight trucking	X	27,096	23,739	24,387	25,947	24,232	X	14.1	X	11.8	X	72,106	X	
485	Transit and ground passenger transportation	8,149	9,446	8,931	9,178	7,706	9,022	-13.7	5.8	5.7	4.7	26,526	25,149	5.5	
486	Pipeline transportation	X	10,902	11,418	11,480	10,790	10,732	X	-4.5	X	1.6	X	32,351	X	
487	Scenic and sightseeing transportation	X	1,122	566	759	1,288	1,014	X	98.2	X	10.7	X	2,936	X	
488	Support activities for transportation	46,779	48,223	45,764	47,043	45,356	44,642	-3.0	5.4	3.1	8.0	140,766	132,328	6.4	
492	Couriers and messengers	20,973	21,071	20,607	22,151	20,067	19,898	-0.5	2.3	4.5	5.9	62,651	59,768	4.8	
493	Warehousing and storage	9,395	9,276	8,843	8,658	8,435	8,166	1.3	4.9	11.4	13.6	27,514	24,562	12.0	
51	Information	385,328	380,783	373,069	389,924	363,301	361,735	1.2	2.1	6.1	5.3	1,139,180	1,082,945	5.2	
511	Publishing industries (except Internet)	77,970	76,751	72,875	79,811	71,572	73,220	1.6	5.3	8.9	4.8	227,596	215,764	5.5	
51111	Newspaper publishers	X	6,007	5,837	6,653	6,235	6,391	X	2.9	X	-6.0	X	18,704	X	
51112	Periodical publishers	X	6,785	6,296	7,185	6,806	7,093	X	7.8	X	-4.3	X	20,240	X	
5111 pt	Book, directory and mailing list, and other publishers ⁵	X	9,851	8,381	9,579	11,072	10,083	X	17.5	X	-2.3	X	29,899	X	
5112	Software publishers	54,602	54,108	52,361	56,394	47,459	49,653	0.9	3.3	15.1	9.0	161,071	146,921	9.6	
512	Motion picture and sound recording industries	25,616	25,740	27,177	27,466	24,863	24,338	-0.5	-5.3	3.0	5.8	78,533	76,326	2.9	
515	Broadcasting (except Internet)	X	40,088	39,626	43,006	38,872	38,482	X	1.2	X	4.2	X	115,075	X	
5151	Radio and television broadcasting	X	18,365	18,140	20,975	18,285	17,518	X	1.2	X	4.8	X	53,266	X	
5152	Cable and other subscription programming	X	21,723	21,486	22,031	20,587	20,964	X	1.1	X	3.6	X	61,809	X	
517	Telecommunications	154,054	153,383	151,691	157,207	153,287	152,341	0.4	1.1	0.5	0.7	459,128	457,142	0.4	
5171	Wired telecommunications carriers	79,759	79,820	79,168	80,145	78,824	79,019	-0.1	0.8	1.2	1.0	238,747	236,464	1.0	
5172	Wireless telecommunications carriers (except satellite)	63,031	62,732	61,908	66,339	63,870	62,749	0.5	1.3	-1.3	Z	187,671	189,066	-0.7	
517 pt	Other telecommunications ⁶	X	10,831	10,615	10,723	10,593	10,573	X	2.0	X	2.4	X	31,612	X	
518	Data processing, hosting, and related services	40,997	39,022	37,239	37,681	35,922	35,281	5.1	4.8	14.1	10.6	117,258	105,415	11.2	
519	Other information services	47,609	45,799	44,461	44,753	38,785	38,073	4.0	3.0	22.8	20.3	137,869	113,223	21.8	
52	Finance and insurance⁷	1,150,876	1,134,926	1,109,731	1,096,859	1,081,828	1,061,685	1.4	2.3	6.4	6.9	3,395,533	3,176,422	6.9	
52 pt	Finance and insurance (except monetary authorities-central bank) ⁸	X	1,104,907	1,080,574	1,071,811	1,053,801	1,032,422	X	2.3	X	7.0	X	3,089,472	X	
521	Monetary authorities-central bank	X	30,019	29,157	25,048	28,027	29,263	X	3.0	X	2.6	X	86,950	X	
522	Credit intermediation and related activities	311,489	302,673	292,592	293,080	295,295	288,041	2.9	3.4	5.5	5.1	906,754	862,767	5.1	
5221	Depository credit intermediation	X	134,623	128,418	128,976	128,362	124,736	X	4.8	X	7.9	X	375,136	X	
5222	Nondepository credit intermediation	X	143,118	140,290	140,064	142,582	140,429	X	2.0	X	1.9	X	418,575	X	
5223	Activities related to credit intermediation	X	24,932	23,884	24,040	24,351	22,876	X	4.4	X	9.0	X	69,056	X	
523	Securities, commodity contracts, and other financial investments and related activities	X	157,523	158,452	151,529	148,121	146,205	X	-0.6	X	7.7	X	432,514	X	
5231	Securities and commodity contracts intermediation and brokerage	X	70,072	71,529	65,857	66,135	67,592	X	-2.0	X	3.7	X	192,799	X	
5232	Securities and commodity exchanges	X	2,994	2,982	2,782	2,577	2,748	X	0.4	X	9.0	X	8,238	X	
5239	Other financial investment activities	X	84,457	83,941	82,890	79,409	75,865	X	0.6	X	11.3	X	231,477	X	
524	Insurance carriers and related activities	651,625	644,711	629,530	627,202	610,385	598,176	1.1	2.4	6.8	7.8	1,925,866	1,794,191	7.3	
5241	Insurance carriers	X	557,731	543,409	542,578	527,307	516,625	X	2.6	X	8.0	X	1,550,045	X	
5242	Agencies, brokerages, and other insurance related activities	X	86,980	86,121	84,624	83,078	81,551	X	1.0	X	6.7	X	244,146	X	
53	Real estate and rental and leasing	177,795	175,661	161,908	168,637	167,119	162,996	1.2	8.5	6.4	7.8	515,364	479,878	7.4	
531	Real estate	123,640	123,130	113,698	117,460	116,585	113,037	0.4	8.3	6.1	8.9	360,468	333,082	8.2	
5311	Lessors of real estate	X	68,309	66,709	66,976	65,117	63,500	X	2.4	X	7.6	X	190,738	X	
5312	Offices of real estate agents and brokers	X	31,036	24,063	27,014	28,702	28,272	X	29.0	X	9.8	X	77,982	X	
5313	Activities related to real estate	X	23,785	22,926	23,470	22,766	21,265	X	3.7	X	11.9	X	64,362	X	
532	Rental and leasing services	43,730	41,974	38,674	39,913	40,978	39,813	4.2	8.5	6.7	5.4	124,378	117,589	5.8	
5321	Automotive equipment rental and leasing	X	14,762	13,521	14,409	15,684	14,589	X	9.2	X	1.2	X	43,296	X	
53211	Passenger car rental and leasing	X	9,872	9,204	9,782	10,844	9,897	X	7.3	X	-0.3	X	29,512	X	
53212	Truck, utility trailer, and RV (Recreational Vehicle) rental and leasing	X	4,890	4,317	4,627	4,840	4,692	X	13.3	X	4.2	X	13,784	X	
5322	Consumer goods rental	X	5,785	5,614	5,463	5,368	5,716	X	3.0	X	1.2	X	16,959	X	
5323	General rental centers	X	S	S	S	S	S	X	S	X	S	X	S	X	
5324	Commercial and industrial machinery and equipment rental and leasing	X	20,636	18,966	19,389	19,134	18,805	X	8.8	X	9.7	X	55,289	X	
533	Lessors of nonfinancial intangible assets (except copyrighted works)	X	10,557	9,536	11,264	9,556	10,146	X	10.7	X	4.1	X	29,207	X	
54	Professional, scientific, and technical services⁹	439,135	445,873	433,704	448,922	432,912	435,215	-1.5	2.8	1.4	2.4	1,318,712	1,286,309	2.5	
5411	Legal services ⁹	72,090	72,803	65,850	83,438	71,527	71,122	-1.0	10.6	0.8	2.4	210,743	206,540	2.0	
5412	Accounting, tax preparation, bookkeeping, and payroll services	39,558	48,770	53,175	38,163	38,894	45,185	-18.9	-8.3	1.7	7.9	141,503	133,179	6.3	
5413	Architectural, engineering, and related services	78,420	76,041	74,644	77,970	77,228	75,053	3.1	1.9	1.5	1.3	229,105	225,491	1.6	
5413 pt	Architectural and related services ¹⁰	X	18,343	17,926	18,989	18,720	17,662	X	2.3	X	3.9	X	54,071	X	
54133	Engineering services	X	57,698	56,718	58,981	58,508	57,391	X	1.7	X	0.5	X	171,420	X	
5414	Specialized design services	X	6,023	5,692	5,965	5,663	5,467	X	5.8	X	10.2	X	16,972	X	
5415	Computer systems design and related services	94,742	95,073	91,498	92,253	92,245	90,879	-0.3	3.9	2.7	4.6	281,313	271,533	3.6	

Table A4. Selected Services - Advance Estimated Quarterly Revenue for Employer Firms, Not Seasonally Adjusted

[Estimates are not adjusted for seasonal variation or for price changes and are based on data from the Quarterly Services Survey. For additional information see www.census.gov/services]

2012 NAICS code ¹	Kind of business	Total revenue (millions of dollars)						Percent change				Year to date		
		3Q 2017 (a)	2Q 2017 (r)	1Q 2017	4Q 2016	3Q 2016	2Q 2016	3Q 2017 from 2Q 2017 (a)	2Q 2017 from 1Q 2017 (r)	3Q 2017 from 3Q 2016 (a)	2Q 2017 from 2Q 2016 (r)	2017 (a)	2016	2017 from 2016 (a)
5416	Management, scientific, and technical consulting services	66,973	64,638	63,495	65,470	64,391	63,865	3.6	1.8	4.0	1.2	195,106	189,048	3.2
5417	Scientific research and development services	X	34,095	33,328	37,109	35,461	36,137	X	2.3	X	-5.7	X	104,723	X
5418	Advertising, public relations, and related services	26,365	26,665	25,807	27,007	26,117	25,822	-1.1	3.3	0.9	3.3	78,837	76,701	2.8
5419	Other professional, scientific, and technical services	X	21,765	20,215	21,547	21,386	21,685	X	7.7	X	0.4	X	62,122	X
56	Administrative and support and waste management and remediation services	241,503	237,280	226,221	226,392	222,186	216,293	1.8	4.9	8.7	9.7	705,004	642,757	9.7
561	Administrative and support services	217,204	213,353	204,111	203,276	198,739	193,191	1.8	4.5	9.3	10.4	634,668	574,887	10.4
5613	Employment services	X	93,833	95,646	93,950	86,444	83,357	X	-1.9	X	12.6	X	252,193	X
5615	Travel arrangement and reservation services	X	11,645	10,876	10,791	11,629	10,906	X	7.1	X	6.8	X	32,813	X
561 pt	Other administrative and support services ¹¹	X	107,875	97,589	98,535	100,666	98,928	X	10.5	X	9.0	X	289,881	X
562	Waste management and remediation services	24,299	23,927	22,110	23,116	23,447	23,102	1.6	8.2	3.6	3.6	70,336	67,870	3.6
61	Educational services¹²	17,655	17,961	16,720	16,112	16,157	17,624	-1.7	7.4	9.3	1.9	52,336	49,480	5.8
6114	Business schools and computer and management training	X	3,187	3,045	2,983	2,842	3,124	X	4.7	X	2.0	X	8,886	X
6115	Technical and trade schools	X	3,460	3,474	3,508	3,709	3,673	X	-0.4	X	-5.8	X	11,010	X
6116	Other schools and instruction	X	S	S	6,038	5,738	6,586	X	S	X	S	X	18,182	X
6117	Educational support services	X	4,652	3,753	3,583	3,868	4,241	X	24.0	X	9.7	X	11,402	X
62	Health care and social assistance	631,154	633,957	627,513	630,468	604,410	612,677	-0.4	1.0	4.4	3.5	1,892,624	1,809,406	4.6
	Health care and social assistance - taxable	314,692	315,275	310,193	310,520	300,931	302,262	-0.2	1.6	4.6	4.3	940,160	897,046	4.8
	Health care and social assistance - tax-exempt	316,462	318,682	317,320	319,948	303,479	310,415	-0.7	0.4	4.3	2.7	952,464	912,360	4.4
621	Ambulatory health care services	254,087	253,862	249,020	249,905	241,000	242,500	0.1	1.9	5.4	4.7	756,969	718,101	5.4
	Ambulatory health care services - taxable	229,207	229,284	224,602	225,521	217,370	218,859	Z	2.1	5.4	4.8	683,093	647,937	5.4
	Ambulatory health care services - tax-exempt	24,880	24,578	24,418	24,384	23,630	23,641	1.2	0.7	5.3	4.0	73,876	70,164	5.3
6211	Offices of physicians	125,343	123,685	121,053	124,331	118,120	119,234	1.3	2.2	6.1	3.7	370,081	351,660	5.2
6212	Offices of dentists	X	31,480	S	S	S	S	X	S	X	S	X	S	X
6213	Offices of other health practitioners	X	S	21,082	20,727	19,802	19,967	X	S	X	S	X	S	59,227
6214	Outpatient care centers	34,015	34,553	34,115	34,216	32,883	32,231	-1.6	1.3	3.4	7.2	102,683	96,365	6.6
	Outpatient care centers - taxable	X	18,327	17,918	18,181	17,390	16,736	X	2.3	X	9.5	X	50,357	X
	Outpatient care centers - tax-exempt	X	16,226	16,197	16,035	15,493	15,495	X	0.2	X	4.7	X	46,008	X
6215	Medical and diagnostic laboratories	12,564	12,668	12,378	12,478	12,121	12,403	-0.8	2.3	3.7	2.1	37,610	36,467	3.1
6216	Home health care services	X	20,388	19,941	20,005	19,610	19,507	X	2.2	X	4.5	X	57,899	X
	Home health care services - taxable	X	15,526	15,078	15,013	14,774	14,698	X	3.0	X	5.6	X	43,589	X
	Home health care services - tax-exempt	X	4,862	4,863	4,992	4,836	4,809	X	Z	X	1.1	X	14,310	X
6219	Other ambulatory health care services	9,600	9,252	8,871	8,913	8,719	8,657	3.8	4.3	10.1	6.9	27,723	25,862	7.2
	Other ambulatory health care services - taxable	X	5,762	5,513	5,556	5,418	5,320	X	4.5	X	8.3	X	16,016	X
	Other ambulatory health care services - tax-exempt	X	3,490	3,358	3,357	3,301	3,337	X	3.9	X	4.6	X	9,846	X
622	Hospitals	271,789	274,074	273,843	272,958	261,757	268,422	-0.8	0.1	3.8	2.1	819,706	789,688	3.8
	Hospitals - taxable	33,131	33,834	34,147	33,379	32,799	33,017	-2.1	-0.9	1.0	2.5	101,112	99,083	2.0
	Hospitals - tax-exempt	238,658	240,240	239,696	239,579	228,958	235,405	-0.7	0.2	4.2	2.1	718,594	690,605	4.1
6221	General medical and surgical hospitals	X	255,275	255,467	254,801	243,592	250,584	X	-0.1	X	1.9	X	735,810	X
	General medical and surgical hospitals - taxable	X	27,874	28,205	27,671	27,074	27,113	X	-1.2	X	2.8	X	81,485	X
	General medical and surgical hospitals - tax-exempt	X	227,401	227,262	227,130	216,518	223,471	X	0.1	X	1.8	X	654,325	X
6222	Psychiatric and substance abuse hospitals	X	6,614	6,633	6,614	6,524	6,316	X	-0.3	X	4.7	X	19,136	X
	Psychiatric and substance abuse hospitals - taxable	X	1,787	1,746	1,678	1,682	1,690	X	2.3	X	5.7	X	5,037	X
	Psychiatric and substance abuse hospitals - tax-exempt	X	4,827	4,887	4,936	4,842	4,626	X	-1.2	X	4.3	X	14,099	X
6223	Specialty (except psychiatric and substance abuse) hospitals	X	12,185	11,743	11,543	11,641	11,522	X	3.8	X	5.8	X	34,742	X
	Specialty (except psychiatric and substance abuse) hospitals - taxable	X	4,173	4,196	4,030	4,043	4,214	X	-0.5	X	-1.0	X	12,561	X
	Specialty (except psychiatric and substance abuse) hospitals - tax-exempt	X	8,012	7,547	7,513	7,598	7,308	X	6.2	X	9.6	X	22,181	X
623	Nursing and residential care facilities	60,490	59,771	59,206	60,580	59,123	58,733	1.2	1.0	2.3	1.8	179,467	174,397	2.9
	Nursing and residential care facilities - taxable	39,189	38,799	38,299	38,911	38,292	37,970	1.0	1.3	2.3	2.2	116,287	112,820	3.1
	Nursing and residential care facilities - tax-exempt	21,301	20,972	20,907	21,669	20,831	20,763	1.6	0.3	2.3	1.0	63,180	61,577	2.6
624	Social assistance	44,788	46,250	45,444	47,025	42,530	43,022	-3.2	1.8	5.3	7.5	136,482	127,220	7.3
	Social assistance - taxable	X	13,358	13,145	12,709	12,470	12,416	X	1.6	X	7.6	X	37,206	X
	Social assistance - tax-exempt	X	32,892	32,299	34,316	30,060	30,606	X	1.8	X	7.5	X	90,014	X
6241	Individual and family services	X	24,529	23,888	23,802	22,604	22,405	X	2.7	X	9.5	X	66,442	X
6242	Community food and housing, and emergency and other relief services	X	8,321	8,172	9,734	7,693	7,862	X	1.8	X	5.8	X	23,144	X
6243	Vocational rehabilitation services	X	3,372	3,235	3,338	3,316	3,286	X	4.2	X	2.6	X	9,860	X
6244	Child day care services	X	10,028	10,149	10,151	9,917	9,469	X	-1.2	X	5.9	X	27,774	X
	Child day care services - taxable	X	6,795	S	S	S	S	X	S	X	S	X	S	X
	Child day care services - tax-exempt	X	3,233	3,387	3,628	3,046	3,262	X	-4.5	X	-0.9	X	9,537	X
71	Arts, entertainment, and recreation	73,876	67,952	60,162	67,407	66,848	62,380	8.7	12.9	10.5	8.9	201,990	184,741	9.3
	Arts, entertainment, and recreation - taxable	X	55,110	49,261	55,615	55,132	50,349	X	11.9	X	9.5	X	151,106	X
	Arts, entertainment, and recreation - tax-exempt	X	12,842	10,901	11,792	11,716	12,031	X	17.8	X	6.7	X	33,635	X
711	Performing arts, spectator sports, and related industries	33,600	28,728	25,225	32,365	29,673	25,996	17.0	13.9	13.2	10.5	87,553	78,884	11.0
	Performing arts, spectator sports, and related industries - taxable	X	25,426	22,199	29,008	26,767	22,833	X	14.5	X	11.4	X	70,119	X
	Performing arts, spectator sports, and related industries - tax-exempt	X	3,302	3,026	3,357	2,906	3,163	X	9.1	X	4.4	X	8,765	X
7111	Performing arts companies	X	3,983	3,780	4,020	3,986	4,026	X	5.4	X	-1.1	X	11,312	X
	Performing arts companies - taxable	X	2,166	2,116	2,137	2,412	2,283	X	2.4	X	-5.1	X	6,591	X
	Performing arts companies - tax-exempt	X	1,817	1,664	1,883	1,574	1,743	X	9.2	X	4.2	X	4,721	X
7112	Spectator sports	X	10,907	9,131	13,525	11,343	9,934	X	19.5	X	9.8	X	29,471	X
7113	Promoters of performing arts, sports, and similar events	X	7,538	5,952	7,179	7,843	6,358	X	26.6	X	18.6	X	19,653	X
	Promoters of performing arts, sports, and similar events - taxable	X	6,053	4,590	5,705	6,511	4,938	X	31.9	X	22.6	X	15,609	X

Table A4. Selected Services - Advance Estimated Quarterly Revenue for Employer Firms, Not Seasonally Adjusted

[Estimates are not adjusted for seasonal variation or for price changes and are based on data from the Quarterly Services Survey. For additional information see www.census.gov/services]

2012 NAICS code ¹	Kind of business	Total revenue (millions of dollars)						Percent change				Year to date		
		3Q 2017 (a)	2Q 2017 (r)	1Q 2017	4Q 2016	3Q 2016	2Q 2016	3Q 2017 from 2Q 2017 (a)	2Q 2017 from 1Q 2017 (r)	3Q 2017 from 3Q 2016 (a)	2Q 2017 from 2Q 2016 (r)	2017 (a)	2016	2017 from 2016 (a)
7114	Promoters of performing arts, sports, and similar events - tax-exempt	X	1,485	1,362	1,474	1,332	1,420	X	9.0	X	4.6	X	4,044	X
	Agents and managers for artists, athletes, entertainers, and other public figures	X	1,747	1,674	1,974	1,912	1,720	X	4.4	X	1.6	X	5,184	X
7115	Independent artists, writers, and performers	X	4,553	4,688	5,667	4,589	3,958	X	-2.9	X	15.0	X	13,264	X
712	Museums, historical sites, and similar institutions	4,181	4,307	3,606	4,424	4,075	4,084	-2.9	19.4	2.6	5.5	12,094	11,285	7.2
	Museums, historical sites, and similar institutions - tax-exempt	X	3,878	3,317	3,980	3,546	3,624	X	16.9	X	7.0	X	9,974	X
713	Amusement, gambling, and recreation industries	36,095	34,917	31,331	30,618	33,100	32,300	3.4	11.4	9.0	8.1	102,343	94,572	8.2
	Amusement, gambling, and recreation industries - taxable	X	29,255	26,773	26,163	27,836	27,056	X	9.3	X	8.1	X	79,676	X
	Amusement, gambling, and recreation industries - tax-exempt	X	5,662	4,558	4,455	5,264	5,244	X	24.2	X	8.0	X	14,896	X
7131	Amusement parks and arcades	X	6,037	4,030	4,603	6,311	5,091	X	49.8	X	18.6	X	14,967	X
7132	Gambling industries	X	7,768	7,787	7,032	7,104	7,219	X	-0.2	X	7.6	X	21,828	X
7139	Other amusement and recreation industries	X	21,112	19,514	18,983	19,685	19,990	X	8.2	X	5.6	X	57,777	X
	Other amusement and recreation industries - taxable	X	S	14,956	14,528	14,421	14,746	X	S	X	S	X	42,881	X
	Other amusement and recreation industries - tax-exempt	X	5,662	4,558	4,455	5,264	5,244	X	24.2	X	8.0	X	14,896	X
721	Accommodation	65,996	66,254	59,225	58,128	64,556	62,497	-0.4	11.9	2.2	6.0	191,475	182,303	5.0
7211	Traveler accommodation	X	64,251	57,711	56,874	62,228	60,402	X	11.3	X	6.4	X	176,443	X
7212	RV (recreational vehicle) parks and recreational camps	X	1,752	1,196	931	1,931	1,814	X	46.5	X	-3.4	X	4,839	X
7213	Rooming and boarding houses	X	251	318	323	397	281	X	-21.1	X	-10.7	X	1,021	X
81	Other services (except public administration)¹³	148,129	147,487	139,253	151,125	133,596	128,566	0.4	5.9	10.9	14.7	434,869	385,734	12.7
811	Repair and maintenance	42,016	42,257	40,588	39,972	40,907	41,777	-0.6	4.1	2.7	1.1	124,861	122,690	1.8
8111	Automotive repair and maintenance	X	27,057	26,071	25,884	26,589	26,801	X	3.8	X	1.0	X	79,724	X
8112	Electronic and precision equipment repair and maintenance	X	4,452	4,564	4,500	4,463	4,403	X	-2.5	X	1.1	X	12,840	X
8113	Commercial and industrial machinery and equipment (except automotive and electronic) repair and maintenance	X	8,799	8,406	7,927	8,010	8,405	X	4.7	X	4.7	X	24,565	X
8114	Personal and household goods repair and maintenance	X	1,949	1,547	1,661	1,845	2,168	X	26.0	X	-10.1	X	5,561	X
812	Personal and laundry services	28,416	29,226	27,945	28,443	27,669	27,451	-2.8	4.6	2.7	6.5	85,587	81,599	4.9
8121	Personal care services	X	S	9,958	9,752	9,932	9,806	X	S	X	S	X	29,001	X
8122	Death care services	X	4,998	5,238	5,062	4,709	4,743	X	-4.6	X	5.4	X	14,311	X
8123	Drycleaning and laundry services	X	7,034	6,732	6,806	6,729	6,834	X	4.5	X	2.9	X	20,176	X
8129	Other personal services	X	S	6,017	6,823	6,299	6,068	X	S	X	S	X	18,111	X
813	Religious, grantmaking, civic, professional, and similar organizations - tax-exempt ¹⁴	X	76,004	70,720	82,710	65,020	59,338	X	7.5	X	28.1	X	181,445	X

(a) Advance estimate. (r) Revised estimate. Z Absolute value is less than .05.

S Estimate does not meet standards because of high variability (coefficient of variation greater than 30%), poor response quality (total quantity response rate is less than 50%) or other concerns about the estimate's quality. Unpublished estimates derived from this table by subtraction are subject to these same limitations and should not be attributed to the U.S. Census Bureau. For a description of publication standards and the total quantity response rate, see www.census.gov/quality/guidelines/index.html.

X Estimate is not available for advance release.

(1) For a full description of the NAICS (North American Industry Classification System) codes used in this table, see the 2012 NAICS manual or www.census.gov/eos/www/naics/.

(2) Includes NAICS 22 (Utilities), NAICS 48-49 (Transportation and warehousing), NAICS 51 (Information), NAICS 52 (Finance and insurance), NAICS 53 (Real estate and rental and leasing), NAICS 54 (Selected professional, scientific, and technical services), NAICS 56 (Administrative and support and waste management and remediation services), NAICS 61 (Educational services), NAICS 62 (Health care and social assistance), NAICS 71 (Arts, entertainment, and recreation), NAICS 721 (Accommodation), and NAICS 81 (Other services (except public administration)). Exclusions listed in footnotes 3, 4, 7, 9, 12, and 13 also apply to the Selected Services Total.

(3) Excludes government owned utilities.

(4) Excludes NAICS 482 (Rail transportation) and 491 (Postal service).

(5) Includes NAICS 51113 (Book publishers), 51114 (Directory and mailing list publishers), and 51119 (Other publishers).

(6) Includes NAICS 5174 (Satellite telecommunications), and 5179 (Other telecommunications).

(7) Excludes NAICS 525 (Funds, trusts, and other financial vehicles).

(8) Excludes NAICS 521 (Monetary authorities-central bank) and NAICS 525 (Funds, trusts, and other financial vehicles).

(9) Excludes NAICS 54112 (Offices of notaries).

(10) Includes all of NAICS 5413 (Architectural, engineering, and related services) except 54133 (Engineering services).

(11) Includes NAICS 5611 (Office administrative services), 5612 (Facilities support services), 5614 (Business support services), 5616 (Investigation and security services), 5617 (Services to buildings and dwellings), and 5619 (Other support services).

(12) Excludes NAICS 6111 (Elementary and secondary schools), 6112 (Junior colleges), and 6113 (Colleges, universities, and professional schools).

(13) Excludes NAICS 8131 (Religious organizations), 81393 (Labor unions and similar labor organizations), 81394 (Political organizations), and 814 (Private households).

(14) Excludes NAICS 8131 (Religious organizations), 81393 (Labor unions and similar labor organizations), and 81394 (Political organizations).

Note: Estimates cover taxable and tax-exempt firms unless otherwise specified. Additionally, estimates for some sectors and subsectors may include data for kinds of business not shown. Table A5 provides estimated measures of sampling variability. Data users who create their own estimates using data from this report should cite the U.S. Census Bureau as the source of the original data only. Additional information on confidentiality protection, sampling error, nonsampling error, sample design, and definitions may be found at www.census.gov/services/qss/cv.html. For NAICS 52, estimates may include unrealized gains (losses).

Table A5. Selected Services - Advance Estimated Measures of Sampling Variability

[Estimates are shown as percents and are based on data from the Quarterly Services Survey]

2012 NAICS code	Kind of business	Coefficient of variation for total revenue						Standard error for percent change				Year to Date		
												Coefficient of variation		Standard error
		3Q 2017 (a)	2Q 2017 (r)	1Q 2017	4Q 2016	3Q 2016	2Q 2016	3Q 2017 from 2Q 2017 (a)	2Q 2017 from 1Q 2017 (r)	3Q 2017 from 3Q 2016 (a)	2Q 2017 from 2Q 2016 (r)	2017 (a)	2016	2017 from 2016 (a)
	Selected Services Total	0.6	0.7	1.4	1.4	1.4	1.4	0.2	0.2	1.7	1.9	0.6	1.4	1.8
22	Utilities	3.2	2.0	4.1	4.2	4.5	4.6	2.0	0.9	5.2	5.0	2.2	4.2	4.5
2211	Electric power generation, transmission and distribution	X	2.5	5.0	4.9	5.1	5.4	X	0.9	X	5.7	X	5.0	X
2212	Natural gas distribution	X	5.7	2.9	3.0	4.2	3.1	X	1.5	X	7.9	X	2.8	X
2213	Water, sewage and other systems	X	5.1	7.9	7.3	6.7	6.8	X	1.8	X	9.5	X	7.0	X
48-49	Transportation and warehousing	1.9	2.1	2.5	2.6	2.7	2.7	0.6	0.5	3.7	4.2	2.0	2.6	3.9
481	Air transportation	1.5	1.5	2.9	3.8	4.4	4.3	0.4	0.6	4.5	4.6	1.6	4.4	4.6
483	Water transportation	7.9	7.7	2.8	3.2	3.1	3.2	0.3	0.5	12.5	11.8	7.7	3.2	11.9
4831	Deep sea, coastal, and Great Lakes water transportation	X	9.0	3.6	4.1	3.8	4.2	X	0.5	X	14.1	X	4.0	X
4832	Inland water transportation	X	4.6	3.9	4.6	4.8	3.7	X	2.0	X	5.9	X	4.0	X
484	Truck transportation	5.3	5.9	6.9	7.6	7.9	7.8	1.0	1.2	10.0	11.0	5.5	7.8	10.3
4841	General freight trucking	X	9.3	10.8	11.5	11.9	11.7	X	1.6	X	17.9	X	11.7	X
48412	General freight trucking, long-distance	X	3.7	11.6	12.3	12.5	12.5	X	1.1	X	12.1	X	12.5	X
4842	Specialized freight trucking	X	1.8	4.8	4.5	4.1	3.6	X	1.0	X	5.9	X	3.6	X
485	Transit and ground passenger transportation	3.2	3.8	6.5	6.2	5.5	6.7	1.5	0.8	3.9	5.1	3.4	5.7	4.5
486	Pipeline transportation	X	1.4	1.9	1.9	1.8	1.6	X	0.2	X	2.5	X	1.5	X
487	Scenic and sightseeing transportation	X	5.5	10.6	11.9	10.7	10.0	X	8.4	X	28.4	X	9.5	X
488	Support activities for transportation	3.6	4.2	6.4	6.5	5.9	6.1	1.9	0.5	9.4	11.0	3.8	5.9	10.2
492	Couriers and messengers	4.8	3.8	1.7	1.6	1.6	1.6	0.9	1.1	6.9	5.9	4.2	1.7	6.3
493	Warehousing and storage	5.7	5.3	6.3	6.8	6.0	5.7	0.7	0.8	11.3	10.9	5.4	5.8	11.0
51	Information	1.7	1.6	1.3	1.3	1.4	1.6	0.2	0.3	2.0	2.0	1.6	1.6	2.0
511	Publishing industries (except Internet)	3.1	2.9	5.5	5.3	4.6	5.1	0.8	1.0	5.2	5.1	2.8	5.0	5.0
51111	Newspaper publishers	X	4.9	4.1	4.4	4.9	5.3	X	0.4	X	7.0	X	5.2	X
51112	Periodical publishers	X	5.3	4.7	5.8	3.6	5.0	X	1.5	X	7.4	X	4.1	X
5111 pt	Book, directory and mailing list, and other publishers	X	3.2	4.5	4.2	4.6	5.5	X	1.6	X	4.2	X	4.6	X
5112	Software publishers	3.5	3.4	7.2	6.9	6.0	6.6	0.7	1.4	7.1	6.9	3.2	6.5	6.9
512	Motion picture and sound recording industries	0.9	1.1	3.4	4.0	3.2	3.9	0.9	0.9	2.9	3.4	1.0	4.0	3.7
515	Broadcasting (except Internet)	X	0.9	1.7	1.9	1.4	1.9	X	0.2	X	2.5	X	1.7	X
5151	Radio and television broadcasting	X	1.9	2.7	2.9	2.6	3.3	X	0.5	X	3.8	X	2.9	X
5152	Cable and other subscription programming	X	1.4	1.2	1.3	1.2	1.3	X	0.2	X	1.9	X	1.3	X
517	Telecommunications	1.6	1.5	1.7	1.7	1.7	2.0	0.1	0.1	2.1	2.2	1.5	1.9	2.2
5171	Wired telecommunications carriers	1.9	1.7	3.4	3.2	3.4	3.6	0.2	0.1	2.9	3.1	1.7	3.6	3.0
5172	Wireless telecommunications carriers (except satellite)	1.8	1.8	2.4	2.6	2.6	2.8	Z	0.1	3.8	4.0	1.8	2.7	3.9
517 pt	Other telecommunications	X	4.6	3.3	3.5	3.6	4.5	X	0.8	X	8.9	X	3.9	X
518	Data processing, hosting, and related services	3.7	4.0	3.4	3.4	3.5	4.0	1.1	1.2	6.2	6.6	3.9	3.8	6.6
519	Other information services	5.7	5.5	4.5	3.6	3.1	3.9	0.3	0.4	8.1	8.3	5.6	3.8	8.3
52	Finance and insurance	1.8	1.7	4.7	5.3	4.8	5.2	0.2	0.2	5.0	5.3	1.7	4.9	5.1
52 pt	Finance and insurance (except monetary authorities-central bank)	X	1.8	4.8	5.4	5.0	5.3	X	0.2	X	5.4	X	5.0	X
521	Monetary authorities-central bank	X	0.0	0.0	0.0	0.0	0.0	X	0.0	X	0.0	X	0.0	X
522	Credit intermediation and related activities	1.6	1.5	4.2	4.5	4.4	4.7	0.3	0.3	4.7	4.9	1.5	4.6	4.8
5221	Depository credit intermediation	X	3.4	7.6	7.9	7.7	8.2	X	0.7	X	9.7	X	8.0	X
5222	Nondepository credit intermediation	X	2.0	4.0	4.3	4.6	4.7	X	0.4	X	3.8	X	4.3	X
5223	Activities related to credit intermediation	X	2.5	3.6	3.0	2.4	2.3	X	0.8	X	4.1	X	2.3	X
523	Securities, commodity contracts, and other financial investments and related activities	X	4.5	4.0	4.0	4.4	3.7	X	0.7	X	5.6	X	3.8	X
5231	Securities and commodity contracts intermediation and brokerage	X	9.0	7.1	7.5	7.2	6.2	X	1.0	X	9.1	X	6.4	X
5232	Securities and commodity exchanges	X	Z	Z	Z	Z	Z	X	Z	X	Z	X	Z	X
5239	Other financial investment activities	X	3.1	4.9	4.9	5.0	3.7	X	1.1	X	5.8	X	4.0	X
524	Insurance carriers and related activities	2.0	1.9	7.1	8.0	7.1	7.8	0.4	0.2	6.8	7.4	1.9	7.3	7.0
5241	Insurance carriers	X	2.2	8.2	9.2	8.3	8.9	X	0.3	X	8.9	X	8.4	X
5242	Agencies, brokerages, and other insurance related activities	X	2.7	4.5	3.8	4.4	4.3	X	0.8	X	6.4	X	4.4	X
53	Real estate and rental and leasing	1.5	1.9	4.7	4.8	5.4	5.2	0.7	0.9	5.4	5.8	1.7	5.0	5.3
531	Real estate	2.4	2.5	6.3	6.5	7.4	7.2	0.7	0.7	7.5	7.8	2.5	7.0	7.4
5311	Lessors of real estate	X	3.8	7.8	8.2	9.4	9.1	X	0.5	X	9.0	X	9.0	X
5312	Offices of real estate agents and brokers	X	3.3	11.6	10.7	11.6	11.9	X	2.7	X	12.4	X	11.4	X
5313	Activities related to real estate	X	2.1	7.4	6.1	6.7	7.0	X	1.1	X	6.9	X	6.7	X
532	Rental and leasing services	2.9	3.4	4.4	4.6	3.9	4.2	0.8	1.5	5.8	6.6	2.9	4.0	5.8
5321	Automotive equipment rental and leasing	X	3.5	3.3	3.4	3.2	3.5	X	0.4	X	4.1	X	3.1	X
53211	Passenger car rental and leasing	X	5.0	3.4	3.3	3.0	3.3	X	0.3	X	5.5	X	2.9	X
53212	Truck, utility trailer, and RV (recreational vehicle) rental and leasing	X	4.0	5.2	5.6	5.1	5.2	X	1.1	X	6.8	X	5.0	X
5322	Consumer goods rental	X	6.7	8.9	10.3	10.9	10.3	X	5.6	X	11.0	X	10.1	X
5323	General rental centers	X	S	S	S	S	S	X	S	X	S	X	S	X
5324	Commercial and industrial machinery and equipment rental and leasing	X	8.2	6.1	6.4	5.7	6.3	X	1.8	X	11.2	X	5.7	X
533	Lessors of nonfinancial intangible assets (except copyrighted works)	X	4.8	6.6	5.7	7.1	7.6	X	2.9	X	11.2	X	7.3	X
54	Professional, scientific, and technical services	1.6	1.6	1.6	2.1	2.2	2.4	0.7	0.6	3.2	3.1	1.6	2.2	3.2
5411	Legal services	2.7	2.9	3.1	3.7	2.7	2.3	1.3	3.2	4.0	4.0	2.5	2.3	3.7
5412	Accounting, tax preparation, bookkeeping, and payroll services	2.5	1.9	3.4	4.4	4.8	4.0	1.0	0.9	3.7	3.8	1.9	4.1	3.3

Table A5. Selected Services - Advance Estimated Measures of Sampling Variability

[Estimates are shown as percents and are based on data from the Quarterly Services Survey]

2012 NAICS code	Kind of business	Coefficient of variation for total revenue						Standard error for percent change				Year to Date						
		3Q 2017		2Q 2017		1Q 2017		3Q 2017		2Q 2017		3Q 2017		2Q 2017		Coefficient of variation		Standard error
		(a)	(r)	(a)	(r)	(a)	(r)	from 2Q 2017 (a)	from 1Q 2017 (r)	from 3Q 2016 (a)	from 2Q 2016 (r)	2017 (a)	2016	2017 from 2016 (a)				
5413	Architectural, engineering, and related services	3.2	3.2	4.1	5.5	5.1	4.8	2.3	0.9	9.7	9.2	2.9	4.5	8.8				
5413 pt	Architectural and related services	X	5.8	4.7	8.6	7.8	8.2	X	2.5	X	11.9	X	8.0	X				
54133	Engineering services	X	2.7	5.2	6.6	6.1	5.3	X	0.6	X	9.8	X	5.2	X				
5414	Specialized design services	X	4.1	3.8	4.5	4.0	3.3	X	4.0	X	7.0	X	4.0	X				
5415	Computer systems design and related services	2.5	2.5	6.1	5.9	7.1	7.5	1.6	1.4	6.7	7.0	2.2	7.3	6.7				
5416	Management, scientific, and technical consulting services	3.3	2.5	5.6	5.4	5.4	5.2	1.4	0.9	6.2	6.1	2.7	5.3	6.3				
5417	Scientific research and development services	X	7.5	4.7	7.3	6.9	6.2	X	0.9	X	10.5	X	6.3	X				
5418	Advertising, public relations, and related services	1.7	1.9	3.6	3.4	3.1	3.0	1.0	0.4	3.9	4.0	1.8	3.0	3.8				
5419	Other professional, scientific, and technical services	X	4.6	8.4	7.7	6.1	6.2	X	1.7	X	9.6	X	6.1	X				
56	Administrative and support and waste management and remediation services	2.4	1.9	1.3	1.3	1.4	1.4	0.7	0.8	3.6	3.1	2.0	1.4	3.3				
561	Administrative and support services	2.7	2.1	1.8	1.9	1.9	1.9	0.8	0.9	4.1	3.7	2.2	1.9	3.9				
5613	Employment services	X	4.5	5.0	4.5	4.5	3.9	X	1.2	X	7.5	X	4.0	X				
5615	Travel arrangement and reservation services	X	3.4	7.6	7.3	8.5	7.1	X	2.1	X	13.6	X	7.9	X				
561 pt	Other administrative and support services	X	2.0	3.9	3.7	4.0	3.8	X	1.5	X	5.6	X	3.9	X				
562	Waste management and remediation services	3.3	2.4	3.7	4.0	3.7	3.5	2.0	0.8	5.8	6.0	2.6	3.5	5.6				
61	Educational services	3.2	2.3	5.7	5.2	4.8	4.6	1.7	1.3	4.7	4.6	2.5	4.9	4.5				
6114	Business schools and computer and management training	X	6.2	18.0	18.0	17.5	17.1	X	2.7	X	18.2	X	17.3	X				
6115	Technical and trade schools	X	4.2	12.2	11.7	13.7	11.7	X	1.5	X	9.0	X	12.2	X				
6116	Other schools and instruction	X	S	S	5.8	8.4	6.5	X	S	X	S	X	7.2	X				
6117	Educational support services	X	2.6	4.3	4.2	8.1	3.6	X	1.3	X	5.0	X	4.3	X				
62	Health care and social assistance	0.9	0.9	2.2	1.9	1.9	2.2	0.3	0.2	1.7	1.9	0.8	2.0	1.8				
	Health care and social assistance - taxable	1.5	1.5	2.6	2.5	2.6	2.5	0.3	0.3	3.1	3.2	1.5	2.5	3.2				
	Health care and social assistance - tax-exempt	2.5	2.2	2.9	2.9	2.5	3.0	0.5	0.3	3.0	3.0	2.3	2.8	3.1				
621	Ambulatory health care services	1.2	1.2	2.1	2.0	2.1	1.9	0.5	0.4	2.7	2.6	1.1	1.9	2.7				
	Ambulatory health care services - taxable	1.3	1.4	2.6	2.4	2.4	2.3	0.5	0.5	3.2	3.2	1.3	2.3	3.1				
	Ambulatory health care services - tax-exempt	4.4	4.1	4.1	4.5	3.6	3.7	0.7	0.5	7.1	6.9	4.1	3.8	7.0				
6211	Offices of physicians	2.2	2.6	5.8	5.4	5.8	5.4	0.8	0.5	7.7	7.2	2.4	5.5	7.5				
6212	Offices of dentists	X	2.7	S	S	S	S	X	S	X	S	X	S	X				
6213	Offices of other health practitioners	X	S	5.2	4.6	5.2	4.5	X	S	X	S	X	4.7	X				
6214	Outpatient care centers	3.0	2.3	3.6	4.2	3.3	3.4	1.1	0.1	5.4	4.8	2.5	3.4	5.0				
	Outpatient care centers - taxable	X	2.7	2.6	2.8	2.5	1.8	X	0.4	X	3.2	X	2.0	X				
	Outpatient care centers - tax-exempt	X	5.5	6.4	7.0	5.4	5.6	X	0.5	X	8.5	X	5.6	X				
6215	Medical and diagnostic laboratories	3.4	3.5	4.1	4.1	3.9	3.9	0.9	0.7	5.3	5.8	3.5	3.8	5.6				
6216	Home health care services	X	5.9	3.9	3.6	4.3	3.8	X	1.1	X	7.3	X	4.1	X				
	Home health care services - taxable	X	8.5	4.1	3.9	4.9	4.4	X	1.3	X	12.0	X	4.7	X				
	Home health care services - tax-exempt	X	6.3	3.9	3.7	4.1	3.4	X	1.3	X	5.7	X	3.7	X				
6219	Other ambulatory health care services	3.3	3.3	5.4	5.7	6.1	6.0	0.8	0.8	7.2	6.3	3.3	6.0	6.5				
	Other ambulatory health care services - taxable	X	3.8	7.7	8.0	9.3	9.1	X	1.0	X	9.8	X	9.2	X				
	Other ambulatory health care services - tax-exempt	X	4.7	7.4	7.0	7.5	7.4	X	1.5	X	8.8	X	7.5	X				
622	Hospitals	2.1	1.9	3.8	3.7	3.4	4.0	0.4	0.3	2.8	3.2	2.0	3.7	3.0				
	Hospitals - taxable	9.0	8.2	10.4	10.6	10.8	10.3	0.8	0.1	13.7	12.9	8.5	10.5	13.2				
	Hospitals - tax-exempt	3.0	2.6	3.7	4.0	3.4	4.0	0.6	0.3	3.8	3.9	2.7	3.8	3.9				
6221	General medical and surgical hospitals	X	2.0	4.0	4.0	3.7	4.4	X	0.3	X	3.6	X	3.9	X				
	General medical and surgical hospitals - taxable	X	8.6	13.2	13.5	13.9	13.3	X	0.1	X	14.2	X	13.6	X				
	General medical and surgical hospitals - tax-exempt	X	2.8	4.1	4.4	3.7	4.4	X	0.3	X	4.3	X	4.1	X				
6222	Psychiatric and substance abuse hospitals	X	5.8	8.2	9.3	9.1	9.5	X	1.4	X	7.1	X	9.0	X				
	Psychiatric and substance abuse hospitals - taxable	X	6.6	5.5	5.5	5.4	5.0	X	0.6	X	5.7	X	4.8	X				
	Psychiatric and substance abuse hospitals - tax-exempt	X	7.0	10.0	11.3	11.4	12.1	X	2.0	X	10.9	X	11.4	X				
6223	Specialty (except psychiatric and substance abuse) hospitals	X	7.1	7.3	7.1	7.0	7.2	X	0.3	X	12.3	X	7.1	X				
	Specialty (except psychiatric and substance abuse) hospitals - taxable	X	11.9	13.5	13.2	13.2	13.0	X	0.4	X	17.6	X	13.2	X				
	Specialty (except psychiatric and substance abuse) hospitals - tax-exempt	X	4.7	5.4	5.4	5.5	5.5	X	0.3	X	9.0	X	5.4	X				
623	Nursing and residential care facilities	3.1	2.9	4.5	4.6	4.9	4.4	0.8	0.4	5.7	4.5	2.9	4.7	5.1				
	Nursing and residential care facilities - taxable	2.1	1.9	6.0	6.3	6.6	5.7	0.9	0.4	7.4	5.8	1.9	6.1	6.6				
	Nursing and residential care facilities - tax-exempt	6.2	5.9	2.6	2.6	2.6	2.9	1.2	0.8	5.0	4.5	5.9	2.7	4.8				
624	Social assistance	2.1	2.0	3.3	3.0	1.9	2.2	1.2	0.4	3.6	3.9	1.9	2.1	3.7				
	Social assistance - taxable	X	2.3	10.9	9.7	9.3	10.1	X	1.5	X	12.6	X	9.9	X				
	Social assistance - tax-exempt	X	2.9	5.7	5.0	4.3	4.4	X	0.8	X	4.6	X	4.4	X				
6241	Individual and family services	X	3.6	3.5	3.1	1.8	1.9	X	1.1	X	4.4	X	1.9	X				
6242	Community food and housing, and emergency and other relief services	X	5.9	4.4	4.2	5.0	4.2	X	1.5	X	9.2	X	4.2	X				
6243	Vocational rehabilitation services	X	9.3	8.0	9.4	8.0	9.1	X	1.8	X	14.4	X	9.0	X				
6244	Child day care services	X	3.4	6.4	6.8	7.2	6.8	X	2.5	X	11.9	X	6.4	X				
	Child day care services - taxable	X	5.0	S	S	S	S	X	S	X	S	X	S	X				
	Child day care services - tax-exempt	X	11.5	11.5	13.5	14.6	12.3	X	6.3	X	17.1	X	12.1	X				
71	Arts, entertainment, and recreation	2.4	2.7	3.0	3.6	3.5	3.3	1.1	1.4	4.1	4.8	2.6	3.1	4.3				
	Arts, entertainment, and recreation - taxable	X	3.4	3.5	4.0	3.8	3.8	X	1.6	X	6.2	X	3.5	X				
	Arts, entertainment, and recreation - tax-exempt	X	4.8	4.5	3.8	4.3	3.8	X	2.4	X	8.9	X	4.0	X				

Table A5. Selected Services - Advance Estimated Measures of Sampling Variability

[Estimates are shown as percents and are based on data from the Quarterly Services Survey]

2012 NAICS code	Kind of business	Coefficient of variation for total revenue						Standard error for percent change				Year to Date		
												Coefficient of variation		Standard error
		3Q 2017 (a)	2Q 2017 (r)	1Q 2017	4Q 2016	3Q 2016	2Q 2016	3Q 2017 from 2Q 2017 (a)	2Q 2017 from 1Q 2017 (r)	3Q 2017 from 3Q 2016 (a)	2Q 2017 from 2Q 2016 (r)	2017 (a)	2016	2017 from 2016 (a)
711	Performing arts, spectator sports, and related industries	1.2	2.7	3.7	3.8	3.9	5.0	2.4	3.0	5.4	8.0	2.3	3.7	6.2
	Performing arts, spectator sports, and related industries - taxable	X	3.0	4.4	4.3	4.3	5.6	X	3.3	X	9.2	X	4.2	X
	Performing arts, spectator sports, and related industries - tax-exempt	X	5.0	3.7	2.9	3.6	4.7	X	5.8	X	8.5	X	2.6	X
7111	Performing arts companies	X	4.7	6.3	7.0	10.6	7.8	X	3.5	X	12.4	X	8.0	X
	Performing arts companies - taxable	X	5.0	10.8	10.7	14.9	12.7	X	4.4	X	21.6	X	11.9	X
	Performing arts companies - tax-exempt	X	5.9	6.0	5.3	6.0	6.8	X	3.5	X	15.1	X	5.3	X
7112	Spectator sports	X	3.2	11.9	8.6	9.2	12.1	X	7.7	X	15.6	X	9.5	X
7113	Promoters of performing arts, sports, and similar events	X	6.0	7.9	2.2	2.2	4.4	X	4.1	X	8.9	X	3.3	X
	Promoters of performing arts, sports, and similar events - taxable	X	6.7	10.4	2.7	2.7	6.3	X	7.1	X	10.8	X	4.7	X
	Promoters of performing arts, sports, and similar events - tax-exempt	X	6.0	3.7	5.4	11.6	7.5	X	12.6	X	11.4	X	5.7	X
7114	Agents and managers for artists, athletes, entertainers, and other public figures	X	4.6	11.2	11.3	11.7	11.9	X	3.1	X	20.5	X	10.9	X
7115	Independent artists, writers, and performers	X	8.4	16.0	12.9	10.0	12.5	X	3.1	X	38.9	X	10.1	X
712	Museums, historical sites, and similar institutions	8.5	9.0	6.3	5.4	5.0	3.4	2.1	3.6	11.1	11.5	9.6	4.3	12.1
	Museums, historical sites, and similar institutions - tax-exempt	X	9.9	6.9	6.0	5.6	4.0	X	3.7	X	12.9	X	4.9	X
713	Amusement, gambling, and recreation industries	4.6	4.8	5.7	5.3	5.3	4.3	0.9	1.8	7.4	6.4	4.9	4.8	7.4
	Amusement, gambling, and recreation industries - taxable	X	5.8	6.1	5.8	5.8	5.1	X	1.9	X	8.7	X	5.4	X
	Amusement, gambling, and recreation industries - tax-exempt	X	5.7	9.8	8.1	7.5	6.7	X	3.5	X	10.0	X	7.2	X
7131	Amusement parks and arcades	X	6.2	5.9	4.5	5.2	4.0	X	6.2	X	9.0	X	4.3	X
7132	Gambling industries	X	12.7	11.3	10.8	12.1	11.5	X	1.0	X	24.1	X	11.7	X
7139	Other amusement and recreation industries	X	2.4	6.3	6.4	7.6	6.1	X	3.3	X	6.6	X	6.5	X
	Other amusement and recreation industries - taxable	X	S	6.5	7.0	9.2	7.6	X	S	X	S	X	8.1	X
	Other amusement and recreation industries - tax-exempt	X	5.7	9.8	8.1	7.5	6.7	X	3.5	X	10.0	X	7.2	X
721	Accommodation	1.2	1.7	2.9	3.5	3.5	3.5	0.5	0.7	4.3	4.7	1.4	3.2	4.1
7211	Traveler accommodation	X	1.7	2.9	3.5	3.5	3.4	X	0.7	X	4.7	X	3.1	X
7212	RV (recreational vehicle) parks and recreational camps	X	5.3	6.9	7.5	6.3	7.1	X	5.2	X	9.6	X	5.4	X
7213	Rooming and boarding houses	X	9.2	7.3	11.9	16.3	21.0	X	3.8	X	20.2	X	17.6	X
81	Other services (except public administration)	2.3	2.4	2.3	2.4	2.0	2.2	2.8	1.8	4.2	4.0	1.9	2.1	4.0
811	Repair and maintenance	5.0	3.7	5.0	4.4	3.9	3.6	1.4	1.0	7.3	5.6	4.1	3.7	6.0
8111	Automotive repair and maintenance	X	6.8	7.8	7.9	6.5	6.4	X	1.5	X	8.5	X	5.9	X
8112	Electronic and precision equipment repair and maintenance	X	5.3	21.3	21.6	16.7	17.1	X	2.4	X	13.1	X	16.0	X
8113	Commercial and industrial machinery and equipment (except automotive and electronic) repair and maintenance	X	9.5	9.5	9.7	9.9	9.0	X	3.1	X	26.6	X	9.5	X
8114	Personal and household goods repair and maintenance	X	8.9	16.8	14.8	15.6	16.3	X	6.0	X	17.2	X	15.3	X
812	Personal and laundry services	3.0	3.3	4.2	4.1	4.3	4.5	0.5	1.0	3.8	4.6	3.1	4.4	4.5
8121	Personal care services	X	S	8.9	9.4	9.7	9.9	X	S	X	S	X	9.5	X
8122	Death care services	X	4.6	8.8	8.0	8.1	8.0	X	2.3	X	9.9	X	8.5	X
8123	Drycleaning and laundry services	X	4.0	10.4	10.2	9.5	9.5	X	0.9	X	11.6	X	9.5	X
8129	Other personal services	X	S	8.1	8.0	7.2	7.4	X	S	X	S	X	7.0	X
813	Religious, grantmaking, civic, professional, and similar organizations - tax-exempt	X	4.5	3.2	2.8	3.3	3.4	X	4.1	X	5.2	X	2.6	X

(a) Advance estimate. (r) Revised estimate. Z Absolute value is less than .05.

S Corresponding estimate in Table A4 does not meet publication standards because of high sampling variability, poor response quality or other concerns about the estimate's quality.

X Estimate in Table A4 is not available for advance release.

Note: Estimated measures of sampling variability are based on data not adjusted for seasonal variation, and should be used when drawing inferences about both adjusted and not adjusted estimates. Standard errors for percent changes that include estimates prior to Q1 2017 may be larger than those previously published because the estimated totals used to produce the percent changes are derived from different samples. Additional information on confidentiality protection, sampling error, nonsampling errors, sample design, and definitions may be found at www.census.gov/services/qss/cv/html.

EXPLANATORY NOTES

Survey Description

The U.S. Census Bureau conducts the Quarterly Services Survey to provide national estimates of quarterly revenue for employer firms located in the United States and classified in select service industries. The current total sample size is approximately 20,900 employer firms.

Each quarter, questionnaires are mailed to a probability sample of employer firms selected from the larger Service Annual Survey sample. The QSS sample includes firms of all sizes and is updated on a quarterly basis to account for new services businesses, deaths, and other changes to the survey universe. Data for nonresponding firms are imputed based on data for similar-sized firms classified in the same kind of business. The following table lists imputation rates of total quarterly revenue for the industries published in the QSS:

2007 NAICS Code	Kind of Business	Imputation Rate of Total Quarterly Revenue (in %)
	Selected Services Total	30
22	Utilities	7
48-49	Transportation and warehousing	28
51	Information	22
52	Finance and insurance	19
53	Real estate and rental and leasing	41
54	Professional, scientific, and technical services	44
56	Administrative and support and waste management and remediation services	42
61	Educational services	41
62	Health care and social assistance	40
71	Arts, entertainment, and recreation	38
721	Accommodation	40
81	Other services (except public administration)	41

Quarterly revenue estimates are obtained by summing weighted data (either reported or imputed), where the weight for a particular unit is the reciprocal of its probability of being selected into the sample. The estimates are benchmarked using results of the latest SAS. Additional information on the QSS can be found on the Census Bureau website at www.census.gov/services/.

Reliability of the Estimates

The estimates in this report may differ from the actual, but unknown, population values. For a particular estimate, statisticians define this difference as the total error of the estimate. When describing the accuracy

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of survey results, it is convenient to discuss total error as the sum of sampling error and nonsampling error. Nonsampling error is the difference between the actual population parameter and the value that would be derived by surveying the entire set of units identified as the survey universe (the sampling frame). There are many potential contributors to nonsampling error – the inclusion of erroneous units in the survey (overcoverage), the exclusion of eligible units from the survey (undercoverage), nonresponse, misreporting, mistakes in recording and coding responses, misinterpretation of questions, and other errors of collection, response, coverage, or processing. Though nonsampling error is not measured directly, the Census Bureau employs quality control procedures throughout the process to minimize this type of error. Sampling error is the average difference between the estimate and the result that would be obtained from a complete enumeration of the sampling frame conducted under the same survey conditions. This error occurs because only a subset of the entire sampling frame is measured in a sample survey. Common measures of sampling error are the sampling variance, the standard error, and the coefficient of variation. The sampling variance is defined as the squared difference, averaged over all possible samples of the same size and design, between the estimator and its average value. The standard error is the square root of the sampling variance. The CV expresses the standard error as a percentage of the estimate to which it refers. For example, an estimate of 200 units that has an estimated standard error of 10 units has an estimated CV of 5 percent. The sampling variance, standard error, and CV of an estimate can be estimated from the selected sample because the sample was selected using probability sampling. Standard errors and coefficients of variation are given in Tables A2 and A5 of this report.

The first page of this release gives statements about the change in revenue from a prior period. Each change estimate is accompanied by a number in parentheses, called the “margin of error.” The margin of error can be used to construct a 90-percent confidence interval, which is interpreted as follows. If, for each possible sample, an estimate and its approximate standard error are obtained, then for approximately 90 percent of the possible samples, the interval from 1.895 standard errors below to 1.895 standard errors above the estimate would include the average of the estimates derived from all possible samples. If, for example, a particular change estimate is +1.2 percent and its associated margin of error is ± 1.5 percentage points, then the 90-percent confidence interval for the change estimate is -0.3 percent to +2.7 percent. If the interval contains 0, then one does not have sufficient evidence to conclude at the 90-percent confidence level that the actual change is different from zero. Each comparison stated in this report has undergone statistical testing and is significant at the 90-percent confidence level, unless otherwise noted. Data users should take into account the estimates of sampling error and the potential effects of nonsampling error when using the statistics in this publication.

Additional information regarding the methodology used in conducting this survey is available at www.census.gov/services/qss/qsstechdoc.

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