

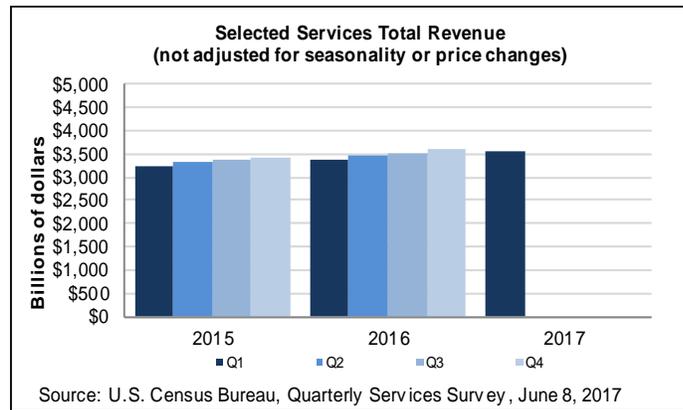
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QUARTERLY SELECTED SERVICES ESTIMATES, FIRST QUARTER 2017

Release Number: CB17-90

June 8, 2017 — The U.S. Census Bureau announced the following selected services estimates for the first calendar quarter of 2017

 SELECTED SERVICES TOTAL REVENUE		
1Q 2017	\$3,569.6 billion	-1.3 %
4Q 2016	\$3,616.9 billion	+2.4 %
Next release: August 18, 2017		
Data are not adjusted for seasonality or price changes. Source: U.S. Census Bureau, Quarterly Services Survey, June 8, 2017		



Selected Services Total

U.S. selected services total revenue for the first quarter of 2017, not adjusted for seasonal variation or price changes, was \$3,569.6 billion, a decrease of 1.3 percent (± 0.6 percent) from the fourth quarter of 2016 and up 6.3 percent (± 0.6 percent) from the first quarter of 2016. The fourth quarter of 2016 to first quarter of 2017 percentage change was revised from the advance estimate of -1.2 percent (± 0.6 percent).

Information

U.S. information sector revenue for the first quarter of 2017, adjusted for seasonal variation but not for price changes, was \$379.0 billion, an increase of 1.5 percent (± 0.2 percent) from the fourth quarter of 2016 and up 4.2 percent (± 1.3 percent) from the first quarter of 2016. The third quarter of 2016 to fourth quarter of 2016 percentage change was revised from 0.7 percent (± 0.6 percent) to 0.7 percent (± 0.4 percent).

Professional, scientific, and technical services

U.S. professional, scientific, and technical services revenue for the first quarter of 2017, adjusted for seasonal variation but not for price changes, was \$444.0 billion, an increase of 0.8 percent (± 1.3 percent)* from the fourth quarter of 2016 and up 3.6 percent (± 1.9 percent) from the first quarter of 2016. The third quarter of 2016 to fourth quarter of 2016 percentage change was not revised from 1.3 percent (± 0.9 percent).

Administrative and support and waste management and remediation services

U.S. administrative and support and waste management and remediation services revenue for the first quarter of 2017, adjusted for seasonal variation but not for price changes, was \$231.1 billion, an increase of 2.9 percent (± 1.7 percent) from the fourth quarter of 2016 and up 10.5 percent (± 2.7 percent) from the first

Data Inquiries

Economic Indicators Division, Service Indicator Branch
301-763-2960
sssd.qss@census.gov

Media Inquiries

Public Information Office
301-763-3030
pio@census.gov



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Economics and Statistics Administration
U.S. CENSUS BUREAU
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quarter of 2016. The third quarter of 2016 to fourth quarter of 2016 percentage change was not revised from 2.0 percent (± 1.1 percent).

Utilities

U.S. utilities revenue for the first quarter of 2017, not adjusted for seasonal variation, or price changes, was \$148.2 billion, an increase of 6.2 percent (± 0.9 percent) from the fourth quarter of 2016 and up 2.8 percent (± 1.5 percent) from the first quarter of 2016. The fourth quarter of 2016 to first quarter of 2017 percentage change was revised from the advance estimate of 6.1 percent (± 1.1 percent).

Transportation and warehousing

U.S. transportation and warehousing revenue for the first quarter of 2017, not adjusted for seasonal variation, or price changes, was \$214.7 billion, a decrease of 3.9 percent (± 1.3 percent) from the fourth quarter of 2016 and up 3.3 percent (± 2.1 percent) from the first quarter of 2016. The fourth quarter of 2016 to first quarter of 2017 percentage change was revised from the advance estimate of -4.1 percent (± 1.1 percent).

Finance and insurance

U.S. finance and insurance revenue for the first quarter of 2017, not adjusted for seasonal variation, or price changes, was \$1,108.5 billion, an increase of 1.1 percent (± 1.7 percent)* from the fourth quarter of 2016 and up 7.3 percent (± 1.5 percent) from the first quarter of 2016. The fourth quarter of 2016 to first quarter of 2017 percentage change was revised from the advance estimate of 1.5 percent (± 1.9 percent)*.

Real estate and rental and leasing

U.S. real estate and rental and leasing revenue for the first quarter of 2017, not adjusted for seasonal variation, or price changes, was \$161.9 billion, a decrease of 4.0 percent (± 0.9 percent) from the fourth quarter of 2016 and up 8.1 percent (± 1.7 percent) from the first quarter of 2016. The fourth quarter of 2016 to first quarter of 2017 percentage change was revised from the advance estimate of -3.7 percent (± 0.9 percent).

Educational services

U.S. educational services revenue for the first quarter of 2017, not adjusted for seasonal variation, or price changes, was \$16.7 billion, an increase of 3.7 percent (± 2.1 percent) from the fourth quarter of 2016 and up 6.4 percent (± 3.8 percent) from the first quarter of 2016. The fourth quarter of 2016 to first quarter of 2017 percentage change was revised from the advance estimate of 4.0 percent (± 2.3 percent).

Health care and social assistance

U.S. health care and social assistance revenue for the first quarter of 2017, not adjusted for seasonal variation, or price changes, was \$628.4 billion, a decrease of 0.3 percent (± 1.5 percent)* from the fourth quarter of 2016 and up 6.1 percent (± 1.3 percent) from the first quarter of 2016. The fourth quarter of 2016 to first quarter of 2017 percentage change was revised from the advance estimate of -0.6 percent (± 1.5 percent).

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percent)*.

Arts, entertainment, and recreation

U.S. arts, entertainment, and recreation revenue for the first quarter of 2017, not adjusted for seasonal variation, or price changes, was \$60.1 billion, a decrease of 10.8 percent (± 2.1 percent) from the fourth quarter of 2016 and up 8.3 percent (± 2.7 percent) from the first quarter of 2016. The fourth quarter of 2016 to first quarter of 2017 percentage change was revised from the advance estimate of -11.5 percent (± 2.5 percent).

Accommodation

U.S. accommodation revenue for the first quarter of 2017, not adjusted for seasonal variation, or price changes, was \$58.9 billion, an increase of 1.4 percent (± 1.5 percent)* from the fourth quarter of 2016 and up 6.6 percent (± 2.3 percent) from the first quarter of 2016. The fourth quarter of 2016 to first quarter of 2017 percentage change was revised from the advance estimate of 1.7 percent (± 1.5 percent).

Other services (except public administration)

U.S. other services (except public administration) revenue for the first quarter of 2017, not adjusted for seasonal variation, or price changes, was \$139.2 billion, a decrease of 7.9 percent (± 2.1 percent) from the fourth quarter of 2016 and up 12.6 percent (± 1.7 percent) from the first quarter of 2016. The fourth quarter of 2016 to first quarter of 2017 percentage change was revised from the advance estimate of -8.5 percent (± 1.9 percent).

Upcoming Sample Revision

Effective with the November 2017 release for the third quarter of 2017, quarterly services estimates will be 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.

Release Schedule

The second quarter 2017 Quarterly Services Advance Report is scheduled for release on August 18, 2017. 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/.

America's Economy Mobile App

The America's Economy app provides real-time updates for 19 key economic indicators released from the Census Bureau, Bureau of Labor Statistics, and Bureau of Economic Analysis.

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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.

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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 1a. Selected Services - Estimated Quarterly Revenue for Employer Firms, Seasonally Adjusted¹

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

2007 NAICS code ²	Kind of business	Total revenue (millions of dollars)						Percent change					
		1Q 2017 (p)	4Q 2016 (r)	3Q 2016 (r)	2Q 2016 (r)	1Q 2016 (r)	4Q 2015 (r)	1Q 2017 from 4Q 2016 (p)	4Q 2016 from 3Q 2016 (r)	3Q 2016 from 2Q 2016 (r)	2Q 2016 from 1Q 2016 (r)	1Q 2017 from 1Q 2016 (p)	4Q 2016 from 4Q 2015 (r)
51	Information	378,954	373,490	370,715	364,652	363,729	359,079	1.5	0.7	1.7	0.3	4.2	4.0
5112	Software publishers.....	53,100	51,690	50,922	50,053	50,619	49,869	2.7	1.5	1.7	-1.1	4.9	3.7
512	Motion picture and sound recording industries	27,211	25,221	26,117	25,013	27,538	25,350	7.9	-3.4	4.4	-9.2	-1.2	-0.5
54	Professional, scientific, and technical services³	444,024	440,552	435,087	431,333	428,465	414,732	0.8	1.3	0.9	0.7	3.6	6.2
5411	Legal services ⁵	74,133	74,765	71,100	71,913	72,030	69,247	-0.8	5.2	-1.1	-0.2	2.9	8.0
5412	Accounting, tax preparation, bookkeeping, and payroll services	45,532	44,068	43,264	42,427	42,002	41,013	3.3	1.9	2.0	1.0	8.4	7.4
56	Administrative and support and waste management and remediation services⁴	231,094	224,611	220,104	215,247	209,214	207,107	2.9	2.0	2.3	2.9	10.5	8.5
5613	Employment services	95,295	90,511	87,850	85,670	82,146	81,420	5.3	3.0	2.5	4.3	16.0	11.2
5615	Travel arrangement and reservation services	11,261	11,182	11,279	10,517	10,629	S	0.7	-0.9	7.2	-1.1	5.9	S
561 pt	Other administrative and support services ⁵	101,154	99,732	98,211	96,609	93,853	92,392	1.4	1.5	1.7	2.9	7.8	7.9
562	Waste management and remediation services	23,384	23,186	22,764	22,451	22,586	22,390	0.9	1.9	1.4	-0.6	3.5	3.6
622	Hospitals.....	273,060	272,413	266,555	265,764	257,961	252,511	0.2	2.2	0.3	3.0	5.9	7.9

(p) Preliminary estimate. (r) Revised estimate.

S Estimate does not meet publication 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.

(1) The seasonal factors are based on a short time series that may not have stable seasonal patterns. As more estimates are added to the time series, large revisions in seasonal factors and consequently historical estimates may be observed. Data users should exercise caution when drawing inferences based on the seasonally adjusted estimates. Unless otherwise specified, seasonally adjusted estimates are obtained using a direct seasonal adjustment at the published NAICS (North American Industry Classification System) level.

(2) For a full description of the NAICS (North American Industry Classification System) codes used in this table, see the 2007 NAICS manual or www.census.gov/eos/www/naics/.

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

(4) Seasonally adjusted estimates for NAICS 56 are obtained by summing the seasonally adjusted estimates for 5613, 5615, 561pt, and 562.

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

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 2 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.

Table 1b. Selected Services - 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]

2007 NAICS code ¹	Kind of business	Total revenue (millions of dollars)						Percent change				Year to date		
		1Q 2017 (p)	4Q 2016	3Q 2016	2Q 2016	1Q 2016	4Q 2015	1Q 2017 from 4Q 2016 (p)	4Q 2016 from 3Q 2016	1Q 2017 from 1Q 2016 (p)	4Q 2016 from 4Q 2015	2017 (p)	2016	2017 from 2016 (p)
	Selected Services Total²	3,569,626	3,616,917	3,533,145	3,471,049	3,357,362	3,409,991	-1.3	2.4	6.3	6.1	3,569,626	3,357,362	6.3
22	Utilities³	148,234	139,537	154,305	128,480	144,235	133,470	6.2	-9.6	2.8	4.5	148,234	144,235	2.8
2211	Electric power generation, transmission and distribution	110,412	110,085	134,135	107,902	107,902	106,420	0.3	-17.9	0.9	3.4	110,412	109,440	0.9
2212	Natural gas distribution	34,531	25,876	16,335	17,189	31,638	23,608	33.4	58.4	9.1	9.6	34,531	31,638	9.1
2213	Water, sewage and other systems	3,291	3,576	3,835	3,389	3,157	3,442	-8.0	-6.8	4.2	3.9	3,291	3,157	4.2
48-49	Transportation and warehousing⁴	214,675	223,406	225,927	220,901	207,733	219,505	-3.9	-1.1	3.3	1.8	214,675	207,733	3.3
481	Air transportation	45,230	48,007	52,066	50,884	46,166	48,404	-5.8	-7.8	-2.0	-0.8	45,230	46,166	-2.0
483	Water transportation	10,032	10,519	12,166	10,424	9,806	10,664	-4.6	-13.5	2.3	-1.4	10,032	9,806	2.3
4831	Deep sea, coastal, and Great Lakes water transportation.....	8,123	8,456	10,123	8,420	7,869	8,353	-3.9	-16.5	3.2	1.2	8,123	7,869	3.2
4832	Inland water transportation.....	1,909	2,063	2,043	2,004	1,937	2,311	-7.5	1.0	-1.4	-10.7	1,909	1,937	-1.4
484	Truck transportation	63,182	65,611	68,053	66,119	61,783	66,175	-3.7	-3.6	2.3	-0.9	63,182	61,783	2.3
4841	General freight trucking	39,441	41,224	42,106	41,887	39,856	43,111	-4.3	-2.1	-1.0	-4.4	39,441	39,856	-1.0
48412	General freight trucking, long-distance	33,376	35,297	35,963	35,630	33,686	36,420	-5.4	-1.9	-0.9	-3.1	33,376	33,686	-0.9
4842	Specialized freight trucking	23,741	24,387	25,947	24,232	21,927	23,064	-2.6	-6.0	8.3	5.7	23,741	21,927	8.3
485	Transit and ground passenger transportation	8,942	9,178	7,706	9,022	8,421	8,628	-2.6	19.1	6.2	6.4	8,942	8,421	6.2
486	Pipeline transportation	11,418	11,480	10,790	10,732	10,829	10,967	-0.5	6.4	5.4	4.7	11,418	10,829	5.4
487	Scenic and sightseeing transportation	563	759	1,288	1,014	634	713	-25.8	-41.1	-11.2	6.5	563	634	-11.2
488	Support activities for transportation	45,772	47,043	45,356	44,642	42,330	44,997	-2.7	3.7	8.1	4.5	45,772	42,330	8.1
492	Couriers and messengers	20,685	22,151	20,067	19,898	19,803	20,978	-6.6	10.4	4.5	5.6	20,685	19,803	4.5
493	Warehousing and storage	8,851	8,658	8,435	8,166	7,961	7,979	2.2	2.6	11.2	8.5	8,851	7,961	11.2
51	Information	372,891	389,924	363,301	361,735	357,909	375,238	-4.4	7.3	4.2	3.9	372,891	357,909	4.2
511	Publishing industries (except Internet)	72,908	79,811	71,572	73,220	70,972	78,989	-8.6	11.5	2.7	1.0	72,908	70,972	2.7
51111	Newspaper publishers	5,847	6,653	6,235	6,391	6,078	7,115	-12.1	6.7	-3.8	-6.5	5,847	6,078	-3.8
51112	Periodical publishers	6,325	7,185	6,806	7,093	6,341	7,210	-12.0	5.6	-0.3	-0.3	6,325	6,341	-0.3
5111 pt	Book, directory and mailing list, and other publishers ⁵	8,379	9,579	11,072	10,083	8,744	10,207	-12.5	-13.5	-4.2	-6.2	8,379	8,744	-4.2
5112	Software publishers	52,357	56,394	47,459	49,653	49,809	54,457	-7.2	18.8	5.1	3.6	52,357	49,809	5.1
512	Motion picture and sound recording industries	26,884	27,466	24,863	24,338	27,125	27,631	-2.1	10.5	-0.9	-0.6	26,884	27,125	-0.9
515	Broadcasting (except Internet)	39,573	43,006	38,872	38,482	37,721	40,391	-8.0	10.6	4.9	6.5	39,573	37,721	4.9
5151	Radio and television broadcasting	18,147	20,975	18,285	17,518	17,463	19,618	-13.5	14.7	3.9	6.9	18,147	17,463	3.9
5152	Cable and other subscription programming	21,426	22,031	20,587	20,964	20,258	20,773	-2.7	7.0	5.8	6.1	21,426	20,258	5.8
517	Telecommunications	151,689	157,207	153,287	152,341	151,514	154,821	-3.5	2.6	0.1	1.5	151,689	151,514	0.1
5171	Wired telecommunications carriers	79,169	80,145	78,824	79,019	78,621	79,008	-1.2	1.7	0.7	1.4	79,169	78,621	0.7
5172	Wireless telecommunications carriers (except satellite)	61,904	66,339	63,870	62,749	62,447	65,216	-6.7	3.9	-0.9	1.7	61,904	62,447	-0.9
517 pt	Other telecommunications ⁶	10,616	10,723	10,593	10,573	10,446	10,597	-1.0	1.2	1.6	1.2	10,616	10,446	1.6
518	Data processing, hosting, and related services	37,220	37,681	35,922	35,281	34,212	34,913	-1.2	4.9	8.8	7.9	37,220	34,212	8.8
519	Other information services	44,617	44,753	38,785	38,073	36,365	38,493	-0.3	15.4	22.7	16.3	44,617	36,365	22.7
52	Finance and insurance⁷	1,108,485	1,096,859	1,081,828	1,061,685	1,032,909	1,036,087	1.1	1.4	7.3	5.9	1,108,485	1,032,909	7.3
52 pt	Finance and insurance (except monetary authorities-central bank) ⁸	1,079,328	1,071,811	1,053,801	1,032,422	1,003,249	1,007,841	0.7	1.7	7.6	6.3	1,079,328	1,003,249	7.6
521	Monetary authorities-central bank	29,157	25,048	28,027	29,263	29,660	28,246	16.4	-10.6	-1.7	-11.3	29,157	29,660	-1.7
522	Credit intermediation and related activities.....	292,126	293,080	295,295	288,041	279,431	280,396	-0.3	-0.8	4.5	4.5	292,126	279,431	4.5
5221	Depository credit intermediation.....	128,212	128,976	128,362	124,736	122,038	122,408	-0.6	0.5	5.1	5.4	128,212	122,038	5.1
5222	Nondepository credit intermediation.....	140,028	140,064	142,582	140,429	135,564	135,337	Z	-1.8	3.3	3.5	140,028	135,564	3.3
5223	Activities related to credit intermediation.....	23,886	24,040	24,351	22,876	21,829	22,651	-0.6	-1.3	9.4	6.1	23,886	21,829	9.4
523	Securities, commodity contracts, and other financial investments and related activities	158,513	151,529	148,121	146,205	138,188	142,454	4.6	2.3	14.7	6.4	158,513	138,188	14.7
5231	Securities and commodity contracts intermediation and brokerage	72,001	65,857	66,135	67,592	59,072	59,911	9.3	-0.4	21.9	9.9	72,001	59,072	21.9
5232	Securities and commodity exchanges	2,976	2,782	2,577	2,748	2,913	2,646	7.0	8.0	2.2	5.1	2,976	2,913	2.2
5239	Other financial investment activities	83,536	82,890	79,409	75,865	76,203	79,897	0.8	4.4	9.6	3.7	83,536	76,203	9.6
524	Insurance carriers and related activities	628,689	627,202	610,385	598,176	585,630	584,991	0.2	2.8	7.4	7.2	628,689	585,630	7.4
5241	Insurance carriers	542,485	542,578	527,307	516,625	506,113	503,843	Z	2.9	7.2	7.7	542,485	506,113	7.2
5242	Agencies, brokerages, and other insurance related activities	86,204	84,624	83,078	81,551	79,517	81,148	1.9	1.9	8.4	4.3	86,204	79,517	8.4
53	Real estate and rental and leasing	161,890	168,637	167,119	162,996	149,763	156,649	-4.0	0.9	8.1	7.7	161,890	149,763	8.1
531	Real estate	113,685	117,460	116,585	113,037	103,460	106,732	-3.2	0.8	9.9	10.1	113,685	103,460	9.9
5311	Lessors of real estate.....	66,412	66,976	65,117	63,500	62,121	62,754	-0.8	2.9	6.9	6.7	66,412	62,121	6.9
5312	Offices of real estate agents and brokers	24,305	27,014	28,702	28,272	21,008	23,414	-10.0	-5.9	15.7	15.4	24,305	21,008	15.7
5313	Activities related to real estate.....	22,968	23,470	22,766	21,265	20,331	20,564	-2.1	3.1	13.0	14.1	22,968	20,331	13.0
532	Rental and leasing services	38,618	39,913	40,978	39,813	36,798	39,111	-3.2	-2.6	4.9	2.1	38,618	36,798	4.9
5321	Automotive equipment rental and leasing	13,522	14,409	15,684	14,589	13,023	13,660	-6.2	-8.1	3.8	5.5	13,522	13,023	3.8
53211	Passenger car rental and leasing.....	9,204	9,782	10,844	9,897	8,771	9,170	-5.9	-9.8	4.9	6.7	9,204	8,771	4.9
53212	Truck, utility trailer, and RV (recreational vehicle) rental and leasing	4,318	4,627	4,840	4,692	4,252	4,490	-6.7	-4.4	1.6	3.1	4,318	4,252	1.6
5322	Consumer goods rental	5,614	5,463	5,368	5,716	5,875	5,778	2.8	1.8	-4.4	-5.5	5,614	5,875	-4.4
5323	General rental centers.....	S	S	S	S	S	S	S	S	S	S	S	S	S
5324	Commercial and industrial machinery and equipment rental and leasing	18,909	19,389	19,134	18,805	17,350	19,014	-2.5	1.3	9.0	2.0	18,909	17,350	9.0
533	Lessors of nonfinancial intangible assets (except copyrighted works)	9,587	11,264	9,556	10,146	9,505	10,806	-14.9	17.9	0.9	4.2	9,587	9,505	0.9

Table 1b. Selected Services - 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]

2007 NAICS code ¹	Kind of business	Total revenue (millions of dollars)						Percent change				Year to date		
		1Q 2017 (p)	4Q 2016	3Q 2016	2Q 2016	1Q 2016	4Q 2015	1Q 2017 from 4Q 2016 (p)	4Q 2016 from 3Q 2016	1Q 2017 from 1Q 2016 (p)	4Q 2016 from 4Q 2015	2017 (p)	2016	2017 from 2016 (p)
54	Professional, scientific, and technical services⁹	434,255	448,922	432,912	435,215	418,182	423,027	-3.3	3.7	3.8	6.1	434,255	418,182	3.8
5411	Legal services ⁹	65,978	83,438	71,527	71,122	63,891	77,280	-20.9	16.7	3.3	8.0	65,978	63,891	3.3
5412	Accounting, tax preparation, bookkeeping, and payroll services	53,273	38,163	38,894	45,185	49,100	35,599	39.6	-1.9	8.5	7.2	53,273	49,100	8.5
5413	Architectural, engineering, and related services	75,192	77,970	77,228	75,053	73,210	74,391	-3.6	1.0	2.7	4.8	75,192	73,210	2.7
5413 pt	Architectural and related services ¹⁰	17,951	18,989	18,720	17,662	17,689	17,356	-5.5	1.4	1.5	9.4	17,951	17,689	1.5
54133	Engineering services	57,241	58,981	58,508	57,391	55,521	57,035	-3.0	0.8	3.1	3.4	57,241	55,521	3.1
5414	Specialized design services	5,661	5,965	5,663	5,467	5,842	5,696	-5.1	5.3	-3.1	4.7	5,661	5,842	-3.1
5415	Computer systems design and related services	91,174	92,253	92,245	90,879	88,409	88,040	-1.2	Z	3.1	4.8	91,174	88,409	3.1
5416	Management, scientific, and technical consulting services	63,587	65,470	64,391	63,865	60,792	62,157	-2.9	1.7	4.6	5.3	63,587	60,792	4.6
5417	Scientific research and development services	33,328	37,109	35,461	36,137	33,125	35,010	-10.2	4.6	0.6	6.0	33,328	33,125	0.6
5418	Advertising, public relations, and related services	25,788	27,007	26,117	25,822	24,762	25,855	-4.5	3.4	4.1	4.5	25,788	24,762	4.1
5419	Other professional, scientific, and technical services	20,274	21,547	21,386	21,685	19,051	18,999	-5.9	0.8	6.4	13.4	20,274	19,051	6.4
56	Administrative and support and waste management and remediation services	225,867	226,392	222,186	216,293	204,278	208,865	-0.2	1.9	10.6	8.4	225,867	204,278	10.6
561	Administrative and support services	203,769	203,276	198,739	193,191	182,957	186,587	0.2	2.3	11.4	8.9	203,769	182,957	11.4
5613	Employment services	95,581	93,950	86,444	83,357	82,392	84,677	1.7	8.7	16.0	11.0	95,581	82,392	16.0
5615	Travel arrangement and reservation services	10,878	10,791	11,629	10,906	10,278	S	0.8	-7.2	5.8	S	10,878	10,278	5.8
561 pt	Other administrative and support services ¹¹	97,310	98,535	100,666	98,928	90,287	91,376	-1.2	-2.1	7.8	7.8	97,310	90,287	7.8
562	Waste management and remediation services	22,098	23,116	23,447	23,102	21,321	22,278	-4.4	-1.4	3.6	3.8	22,098	21,321	3.6
61	Educational services¹²	16,701	16,112	16,157	17,624	15,699	15,446	3.7	-0.3	6.4	4.3	16,701	15,699	6.4
6114	Business schools and computer and management training	3,045	2,983	2,842	3,124	2,920	2,869	2.1	5.0	4.3	4.0	3,045	2,920	4.3
6115	Technical and trade schools	3,488	3,508	3,709	3,673	3,628	3,662	-0.6	-5.4	-3.9	-4.2	3,488	3,628	-3.9
6116	Other schools and instruction	S	6,038	5,738	6,586	5,858	5,569	S	5.2	S	8.4	S	5,858	S
6117	Educational support services	3,754	3,583	3,868	4,241	3,293	3,346	4.8	-7.4	14.0	7.1	3,754	3,293	14.0
62	Health care and social assistance	628,410	630,468	604,410	612,677	592,319	589,470	-0.3	4.3	6.1	7.0	628,410	592,319	6.1
621	Ambulatory health care services	249,475	249,905	241,000	242,500	234,601	235,600	-0.2	3.7	6.3	6.1	249,475	234,601	6.3
6211	Offices of physicians	121,524	124,331	118,120	119,234	114,306	117,029	-2.3	5.3	6.3	6.2	121,524	114,306	6.3
6212	Offices of dentists	S	S	S	S	S	S	S	S	S	S	S	S	S
6213	Offices of other health practitioners	21,036	20,727	19,802	19,967	19,458	19,536	1.5	4.7	8.1	6.1	21,036	19,458	8.1
6214	Outpatient care centers	34,141	34,216	32,883	32,231	31,251	30,940	-0.2	4.1	9.2	10.6	34,141	31,251	9.2
6215	Medical and diagnostic laboratories	12,364	12,478	12,121	12,403	11,943	12,026	-0.9	2.9	3.5	3.8	12,364	11,943	3.5
6216	Home health care services	19,889	20,005	19,610	19,507	18,782	19,406	-0.6	2.0	5.9	3.1	19,889	18,782	5.9
6219	Other ambulatory health care services	8,859	8,913	8,719	8,657	8,486	8,574	-0.6	2.2	4.4	4.0	8,859	8,486	4.4
622	Hospitals	274,425	272,958	261,757	268,422	259,509	253,016	0.5	4.3	5.7	7.9	274,425	259,509	5.7
6221	General medical and surgical hospitals	256,037	254,801	243,592	250,584	241,634	235,371	0.5	4.6	6.0	8.3	256,037	241,634	6.0
6222	Psychiatric and substance abuse hospitals	6,637	6,614	6,524	6,316	6,296	6,096	0.3	1.4	5.4	8.5	6,637	6,296	5.4
6223	Specialty (except psychiatric and substance abuse) hospitals	11,751	11,543	11,641	11,522	11,579	11,549	1.8	-0.8	1.5	-0.1	11,751	11,579	1.5
623	Nursing and residential care facilities	59,092	60,580	59,123	58,733	56,541	57,212	-2.5	2.5	4.5	5.9	59,092	56,541	4.5
624	Social assistance	45,418	47,025	42,530	43,022	41,668	43,642	-3.4	10.6	9.0	7.8	45,418	41,668	9.0
6241	Individual and family services	23,846	23,802	22,604	22,405	21,433	22,205	0.2	5.3	11.3	7.2	23,846	21,433	11.3
6242	Community food and housing, and emergency and other relief services	8,177	9,734	7,693	7,862	7,589	8,969	-16.0	26.5	7.7	8.5	8,177	7,589	7.7
6243	Vocational rehabilitation services	3,233	3,338	3,316	3,286	3,258	3,262	-3.1	0.7	-0.8	2.3	3,233	3,258	-0.8
6244	Child day care services	10,162	10,151	8,917	9,469	9,388	9,206	0.1	13.8	8.2	10.3	10,162	9,388	8.2
71	Arts, entertainment, and recreation	60,114	67,407	66,848	62,380	55,513	61,497	-10.8	0.8	8.3	9.6	60,114	55,513	8.3
711	Performing arts, spectator sports, and related industries	25,203	32,365	29,673	25,996	23,215	29,654	-22.1	9.1	8.6	9.1	25,203	23,215	8.6
7111	Performing arts companies	3,770	4,020	3,986	4,026	3,300	4,028	-6.2	0.9	14.2	-0.2	3,770	3,300	14.2
7112	Spectator sports	9,115	13,525	11,343	9,934	8,194	12,236	-32.6	19.2	11.2	10.5	9,115	8,194	11.2
7113	Promoters of performing arts, sports, and similar events	5,950	7,179	7,843	6,358	5,452	6,621	-17.1	-8.5	9.1	8.4	5,950	5,452	9.1
7114	Agents and managers for artists, athletes, entertainers, and other public figures	1,674	1,974	1,912	1,720	1,552	2,034	-15.2	3.2	7.9	-2.9	1,674	1,552	7.9
7115	Independent artists, writers, and performers	4,694	5,667	4,589	3,958	4,717	4,735	-17.2	23.5	-0.5	19.7	4,694	4,717	-0.5
712	Museums, historical sites, and similar institutions	3,596	4,424	4,075	4,084	3,126	4,078	-18.7	8.6	15.0	8.5	3,596	3,126	15.0
713	Amusement, gambling, and recreation industries	31,315	30,618	33,100	32,300	29,172	27,765	2.3	-7.5	7.3	10.3	31,315	29,172	7.3
7131	Amusement parks and arcades	4,030	4,603	6,311	5,091	3,565	4,029	-12.4	-27.1	13.0	14.2	4,030	3,565	13.0
7132	Gambling industries	7,787	7,032	7,104	7,219	7,505	6,925	10.7	-1.0	3.8	1.5	7,787	7,505	3.8
7139	Other amusement and recreation industries	19,498	18,983	19,685	19,990	18,102	16,811	2.7	-3.6	7.7	12.9	19,498	18,102	7.7
721	Accommodation	58,923	58,128	64,556	62,497	55,250	55,584	1.4	-10.0	6.6	4.6	58,923	55,250	6.6
7211	Traveler accommodation	57,402	56,874	62,228	60,402	53,813	54,401	0.9	-8.6	6.7	4.5	57,402	53,813	6.7
7212	RV (recreational vehicle) parks and recreational camps	1,204	931	1,931	1,814	1,094	846	29.3	-51.8	10.1	10.0	1,204	1,094	10.1
7213	Rooming and boarding houses	317	323	397	281	343	337	-1.9	-18.6	-7.6	-4.2	317	343	-7.6

Table 1b. Selected Services - 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]

2007 NAICS code ¹	Kind of business	Total revenue (millions of dollars)						Percent change				Year to date		
		1Q 2017 (p)	4Q 2016	3Q 2016	2Q 2016	1Q 2016	4Q 2015	1Q 2017 from 4Q 2016 (p)	4Q 2016 from 3Q 2016	1Q 2017 from 1Q 2016 (p)	4Q 2016 from 4Q 2015	2017 (p)	2016	2017 from 2016 (p)
81	Other services (except public administration)¹³	139,181	151,125	133,596	128,566	123,572	135,153	-7.9	13.1	12.6	11.8	139,181	123,572	12.6
811	Repair and maintenance	40,620	39,972	40,907	41,777	40,006	39,827	1.6	-2.3	1.5	0.4	40,620	40,006	1.5
8111	Automotive repair and maintenance	26,070	25,884	26,589	26,801	26,334	25,360	0.7	-2.7	-1.0	2.1	26,070	26,334	-1.0
8112	Electronic and precision equipment repair and maintenance	4,564	4,500	4,463	4,403	3,974	4,296	1.4	0.8	14.8	4.7	4,564	3,974	14.8
8113	Commercial and industrial machinery and equipment (except automotive and electronic) repair and maintenance	8,439	7,927	8,010	8,405	8,150	8,485	6.5	-1.0	3.5	-6.6	8,439	8,150	3.5
8114	Personal and household goods repair and maintenance	1,547	1,661	1,845	2,168	1,548	1,686	-6.9	-10.0	-0.1	-1.5	1,547	1,548	-0.1
812	Personal and laundry services.....	27,966	28,443	27,669	27,451	26,479	26,415	-1.7	2.8	5.6	7.7	27,966	26,479	5.6
8121	Personal care services.....	9,990	9,752	9,932	9,806	9,263	8,716	2.4	-1.8	7.8	11.9	9,990	9,263	7.8
8122	Death care services.....	5,238	5,062	4,709	4,743	4,859	4,755	3.5	7.5	7.8	6.5	5,238	4,859	7.8
8123	Drycleaning and laundry services.....	6,732	6,806	6,729	6,834	6,613	6,662	-1.1	1.1	1.8	2.2	6,732	6,613	1.8
8129	Other personal services.....	6,006	6,823	6,299	6,068	5,744	6,282	-12.0	8.3	4.6	8.6	6,006	5,744	4.6
813	Religious, grantmaking, civic, professional, and similar organizations ¹⁴	70,595	82,710	65,020	59,338	57,087	68,911	-14.6	27.2	23.7	20.0	70,595	57,087	23.7

(p) Preliminary estimate. Z Absolute value is less than .05.

S Estimate does not meet publication 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.

(1) For a full description of the NAICS (North American Industry Classification System) codes used in this table, see the 2007 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 2 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 2. Selected Services - Estimated Measures of Sampling Variability

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

2007 NAICS code	Kind of business	Coefficient of variation for total revenue						Standard error for percent change				Year to Date		
		1Q		2Q		3Q		1Q 2017		4Q 2016		2017		2017
		2017 (p)	2016	2016	2016	2015	2015	2015	from 4Q 2016 (p)	from 3Q 2016	from 1Q 2016 (p)	from 4Q 2015	(p)	2016
	Selected Services Total	1.4	1.4	1.4	1.4	1.4	1.5	0.3	0.2	0.3	0.2	1.4	1.4	0.3
22	Utilities	4.1	4.2	4.5	4.6	3.7	3.9	0.5	0.8	0.8	1.0	4.1	3.7	0.8
2211	Electric power generation, transmission and distribution	4.9	4.9	5.1	5.4	4.5	4.4	0.8	0.8	1.1	1.2	4.9	4.5	1.1
2212	Natural gas distribution	2.8	3.0	4.2	3.1	2.6	2.6	1.5	4.3	1.9	2.0	2.8	2.6	1.9
2213	Water, sewage and other systems	8.0	7.3	6.7	6.8	7.6	6.4	2.0	3.3	2.7	2.7	8.0	7.6	2.7
48-49	Transportation and warehousing	2.5	2.6	2.7	2.7	2.6	2.5	0.7	0.5	1.1	0.8	2.5	2.6	1.1
481	Air transportation	2.8	3.8	4.4	4.3	4.4	4.4	2.8	0.8	3.3	0.6	2.8	4.4	3.3
483	Water transportation	2.8	3.2	3.1	3.2	3.4	3.6	0.7	0.8	0.7	0.7	2.8	3.4	0.7
4831	Deep sea, coastal, and Great Lakes water transportation.....	3.6	4.1	3.8	4.2	4.3	4.6	0.9	0.9	0.8	1.0	3.6	4.3	0.8
4832	Inland water transportation.....	3.9	4.6	4.8	3.7	3.4	3.7	1.3	1.0	1.1	1.0	3.9	3.4	1.1
484	Truck transportation	6.9	7.6	7.9	7.8	7.9	7.5	1.0	0.5	1.5	1.7	6.9	7.9	1.5
4841	General freight trucking	10.8	11.5	11.9	11.7	11.5	10.9	1.2	0.7	1.6	1.9	10.8	11.5	1.6
48412	General freight trucking, long-distance	11.6	12.3	12.5	12.5	12.6	11.8	1.0	1.0	2.1	2.4	11.6	12.6	2.1
4842	Specialized freight trucking	4.7	4.5	4.1	3.6	3.6	3.9	1.2	1.0	3.1	2.7	4.7	3.6	3.1
485	Transit and ground passenger transportation	6.5	6.2	5.5	6.7	5.9	5.6	1.1	3.0	1.7	2.1	6.5	5.9	1.7
486	Pipeline transportation	1.9	1.9	1.8	1.6	1.4	1.6	0.3	0.4	1.4	1.4	1.9	1.4	1.4
487	Scenic and sightseeing transportation	10.7	11.9	10.7	10.0	8.5	7.9	4.8	3.4	4.1	7.5	10.7	8.5	4.1
488	Support activities for transportation	6.4	6.5	5.9	6.1	5.7	5.1	0.3	1.3	1.5	2.4	6.4	5.7	1.5
492	Couriers and messengers	1.6	1.6	1.6	1.6	1.7	1.9	0.2	0.3	0.3	0.6	1.6	1.7	0.3
493	Warehousing and storage	6.3	6.8	6.0	5.7	6.1	4.5	2.0	1.5	2.3	3.5	6.3	6.1	2.3
51	Information	1.3	1.3	1.4	1.6	1.8	1.7	0.1	0.2	0.7	0.5	1.3	1.8	0.7
511	Publishing industries (except Internet)	5.5	5.3	4.6	5.1	5.3	4.9	0.6	1.1	1.0	1.1	5.5	5.3	1.0
51111	Newspaper publishers	4.1	4.4	4.9	5.3	5.3	5.3	1.1	0.8	1.9	1.0	4.1	5.3	1.9
51112	Periodical publishers	4.6	5.8	3.6	5.0	4.6	4.7	2.7	5.2	2.2	1.8	4.6	4.6	2.2
5111 pt	Book, directory and mailing list, and other publishers	4.5	4.2	4.6	5.5	4.8	3.9	0.7	2.7	1.7	1.1	4.5	4.8	1.7
5112	Software publishers	7.2	6.9	6.0	6.6	7.0	6.4	0.7	1.2	1.2	1.7	7.2	7.0	1.2
512	Motion picture and sound recording industries	3.4	4.0	3.2	3.9	5.5	4.2	1.3	1.6	3.7	1.2	3.4	5.5	3.7
515	Broadcasting (except Internet)	1.6	1.9	1.4	1.9	1.9	2.2	0.4	1.1	0.6	0.7	1.6	1.9	0.6
5151	Radio and television broadcasting	2.7	2.9	2.6	3.3	3.2	3.7	0.7	2.1	1.3	1.0	2.7	3.2	1.3
5152	Cable and other subscription programming	1.1	1.3	1.2	1.3	1.3	1.3	0.3	0.3	0.3	0.7	1.1	1.3	0.3
517	Telecommunications	1.7	1.7	1.7	2.0	2.0	1.8	0.3	0.2	0.4	0.3	1.7	2.0	0.4
5171	Wired telecommunications carriers	3.4	3.2	3.4	3.6	3.8	3.5	0.2	0.3	0.5	0.3	3.4	3.8	0.5
5172	Wireless telecommunications carriers (except satellite)	2.4	2.6	2.6	2.8	2.8	2.7	0.6	0.2	0.7	0.6	2.4	2.8	0.7
517 pt	Other telecommunications	3.3	3.5	3.6	4.5	3.8	2.9	0.6	0.7	1.2	1.7	3.3	3.8	1.2
518	Data processing, hosting, and related services	3.4	3.4	3.5	4.0	4.0	3.8	0.3	0.8	1.7	1.4	3.4	4.0	1.7
519	Other information services.....	4.4	3.6	3.1	3.9	4.8	3.9	1.3	0.9	2.5	2.5	4.4	4.8	2.5
52	Finance and insurance	4.7	5.3	4.8	5.2	4.7	4.6	0.9	0.4	0.8	0.7	4.7	4.7	0.8
52 pt	Finance and insurance (except monetary authorities-central bank)	4.9	5.4	5.0	5.3	4.9	4.8	0.9	0.4	0.8	0.7	4.9	4.9	0.8
521	Monetary authorities-central bank.....	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
522	Credit intermediation and related activities.....	4.3	4.5	4.4	4.7	4.5	4.6	0.3	0.6	1.0	0.9	4.3	4.5	1.0
5221	Depository credit intermediation.....	7.7	7.9	7.7	8.2	8.3	8.7	0.5	0.5	1.7	1.6	7.7	8.3	1.7
5222	Nondepository credit intermediation.....	4.0	4.3	4.6	4.7	3.7	3.5	0.4	1.0	1.0	0.9	4.0	3.7	1.0
5223	Activities related to credit intermediation.....	3.6	3.0	2.4	2.3	2.1	2.2	0.9	0.9	1.9	1.0	3.6	2.1	1.9
523	Securities, commodity contracts, and other financial investments and related activities	4.0	4.0	4.4	3.7	3.5	4.0	1.0	0.8	1.3	1.4	4.0	3.5	1.3
5231	Securities and commodity contracts intermediation and brokerage	7.0	7.5	7.2	6.2	5.8	6.7	1.0	1.5	2.2	2.7	7.0	5.8	2.2
5232	Securities and commodity exchanges	Z	Z	Z	Z	Z	Z	Z	Z	Z	Z	Z	Z	Z
5239	Other financial investment activities	4.8	4.9	5.0	3.7	3.5	5.5	1.5	1.2	2.2	1.1	4.8	3.5	2.2
524	Insurance carriers and related activities	7.1	8.0	7.1	7.8	7.0	6.7	1.7	0.8	1.2	1.4	7.1	7.0	1.2
5241	Insurance carriers	8.2	9.2	8.3	8.9	7.9	7.8	1.7	0.8	1.3	1.6	8.2	7.9	1.3
5242	Agencies, brokerages, and other insurance related activities	4.5	3.8	4.4	4.3	4.6	4.8	2.0	1.9	2.1	1.9	4.5	4.6	2.1
53	Real estate and rental and leasing	4.7	4.8	5.4	5.2	4.5	4.5	0.5	0.9	0.9	1.1	4.7	4.5	0.9
531	Real estate	6.3	6.5	7.4	7.2	6.4	6.5	0.6	1.2	1.2	1.6	6.3	6.4	1.2
5311	Lessors of real estate.....	7.7	8.2	9.4	9.1	8.4	8.8	0.9	1.6	1.4	2.0	7.7	8.4	1.4
5312	Offices of real estate agents and brokers.....	11.4	10.7	11.6	11.9	10.5	10.3	2.0	2.0	1.8	1.9	11.4	10.5	1.8
5313	Activities related to real estate.....	7.4	6.1	6.7	7.0	6.6	5.8	1.3	1.8	1.5	2.7	7.4	6.6	1.5
532	Rental and leasing services	4.4	4.6	3.9	4.2	4.1	4.4	1.0	1.2	1.2	1.4	4.4	4.1	1.2
5321	Automotive equipment rental and leasing	3.3	3.4	3.2	3.5	2.7	2.6	0.3	0.3	0.9	1.3	3.3	2.7	0.9
53211	Passenger car rental and leasing.....	3.4	3.3	3.0	3.3	2.3	2.2	0.3	0.4	1.4	1.5	3.4	2.3	1.4
53212	Truck, utility trailer, and RV (recreational vehicle) rental and leasing	5.1	5.6	5.1	5.2	4.9	5.0	0.6	0.6	0.8	3.2	5.1	4.9	0.8
5322	Consumer goods rental	8.9	10.3	10.9	10.3	9.3	11.4	1.9	2.0	2.1	2.5	8.9	9.3	2.1
5323	General rental centers.....	S	S	S	S	S	S	S	S	S	S	S	S	S
5324	Commercial and industrial machinery and equipment rental and leasing	6.1	6.4	5.7	6.3	5.6	6.4	1.8	2.1	3.2	3.5	6.1	5.6	3.2
533	Lessors of nonfinancial intangible assets (except copyrighted works)	6.6	5.7	7.1	7.6	7.4	6.9	1.3	2.2	2.0	2.0	6.6	7.4	2.0

Table 2. Selected Services - Estimated Measures of Sampling Variability

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

2007 NAICS code	Kind of business	Coefficient of variation for total revenue						Standard error for percent change				Year to Date		
		1Q		2Q		3Q		1Q		2Q		Coefficient of variation		Standard error
		2017 (p)	2016	2016	2016	2016	2015	2017 from 4Q 2016 (p)	2016 from 3Q 2016	2017 from 1Q 2016 (p)	2016 from 4Q 2015	2017 (p)	2016	2017 from 2016 (p)
54	Professional, scientific, and technical services	1.5	2.1	2.2	2.4	2.0	2.1	0.7	0.5	1.0	1.2	1.5	2.0	1.0
5411	Legal services	3.1	3.7	2.7	2.3	2.5	3.5	1.3	1.9	2.0	2.0	3.1	2.5	2.0
5412	Accounting, tax preparation, bookkeeping, and payroll services	3.5	4.4	4.8	4.0	3.7	4.6	2.3	1.3	0.8	1.3	3.5	3.7	0.8
5413	Architectural, engineering, and related services	4.4	5.5	5.1	4.8	4.2	4.6	1.8	1.1	3.3	3.3	4.4	4.2	3.3
5413 pt	Architectural and related services	4.7	8.6	7.8	8.2	8.7	9.3	5.2	1.8	8.1	8.9	4.7	8.7	8.1
54133	Engineering services	5.7	6.6	6.1	5.3	5.1	5.3	1.7	1.2	4.1	3.2	5.7	5.1	4.1
5414	Specialized design services	3.7	4.5	4.0	3.3	5.8	5.9	2.8	2.2	3.4	4.5	3.7	5.8	3.4
5415	Computer systems design and related services	5.9	5.9	7.1	7.5	7.6	7.7	0.6	1.9	2.0	2.8	5.9	7.6	2.0
5416	Management, scientific, and technical consulting services	5.5	5.4	5.4	5.2	5.3	5.4	0.8	0.9	1.0	1.6	5.5	5.3	1.0
5417	Scientific research and development services	4.7	7.3	6.9	6.2	5.9	5.7	3.6	4.1	4.4	4.7	4.7	5.9	4.4
5418	Advertising, public relations, and related services	3.6	3.4	3.1	3.0	2.9	4.1	0.7	0.6	1.8	1.8	3.6	2.9	1.8
5419	Other professional, scientific, and technical services	8.4	7.7	6.1	6.2	6.3	7.1	3.5	2.1	3.6	4.5	8.4	6.3	3.6
56	Administrative and support and waste management and remediation services	1.3	1.3	1.4	1.4	1.6	1.7	0.9	0.6	1.4	1.0	1.3	1.6	1.4
561	Administrative and support services	1.8	1.9	1.9	1.9	2.2	2.2	1.0	0.7	1.5	1.2	1.8	2.2	1.5
5613	Employment services	5.0	4.5	4.5	3.9	3.8	4.4	2.0	1.4	3.2	2.0	5.0	3.8	3.2
5615	Travel arrangement and reservation services	7.6	7.3	8.5	7.1	8.9	S	3.9	2.5	4.5	S	7.6	8.9	4.5
561 pt	Other administrative and support services	3.9	3.7	4.0	3.8	4.0	3.8	1.0	1.0	0.9	1.0	3.9	4.0	0.9
562	Waste management and remediation services	3.7	4.0	3.7	3.5	3.4	4.0	0.9	1.0	1.6	1.6	3.7	3.4	1.6
61	Educational services	5.8	5.2	4.8	4.6	5.5	4.8	1.1	1.6	2.0	1.9	5.8	5.5	2.0
6114	Business schools and computer and management training	18.0	18.0	17.5	17.1	17.6	17.3	3.0	4.6	3.1	4.6	18.0	17.6	3.1
6115	Technical and trade schools	12.1	11.7	13.7	11.7	11.4	10.4	2.6	2.9	2.4	3.0	12.1	11.4	2.4
6116	Other schools and instruction	S	5.8	8.4	6.5	7.1	7.6	S	3.5	S	5.1	S	7.1	S
6117	Educational support services	4.4	4.2	8.1	3.6	3.9	3.4	1.9	5.4	4.0	2.6	4.4	3.9	4.0
62	Health care and social assistance	2.2	1.9	1.9	2.2	1.9	1.6	0.8	0.6	0.7	1.0	2.2	1.9	0.7
621	Ambulatory health care services	2.1	2.0	2.1	1.9	1.9	1.7	0.5	0.3	0.6	0.7	2.1	1.9	0.6
6211	Offices of physicians	5.8	5.4	5.8	5.4	5.4	4.8	1.2	0.9	1.5	1.7	5.8	5.4	1.5
6212	Offices of dentists	S	S	S	S	S	S	S	S	S	S	S	S	S
6213	Offices of other health practitioners	5.2	4.6	5.2	4.5	4.7	4.5	2.0	1.4	1.8	1.1	5.2	4.7	1.8
6214	Outpatient care centers	3.6	4.2	3.3	3.4	3.7	3.0	1.1	1.1	2.0	2.1	3.6	3.7	2.0
6215	Medical and diagnostic laboratories	4.1	4.1	3.9	3.9	3.7	4.1	0.7	1.2	1.1	1.8	4.1	3.7	1.1
6216	Home health care services	3.9	3.6	4.3	3.8	4.4	4.3	1.3	1.4	2.0	2.2	3.9	4.4	2.0
6219	Other ambulatory health care services	5.4	5.7	6.1	6.0	6.0	5.8	0.5	1.2	1.2	1.3	5.4	6.0	1.2
622	Hospitals	3.7	3.7	3.4	4.0	3.8	3.3	1.7	1.3	1.6	1.7	3.7	3.8	1.6
6221	General medical and surgical hospitals	4.0	4.0	3.7	4.4	4.0	3.5	1.8	1.4	1.7	1.8	4.0	4.0	1.7
6222	Psychiatric and substance abuse hospitals	8.2	9.3	9.1	9.5	8.7	8.6	1.4	3.5	0.6	3.5	8.2	8.7	0.6
6223	Specialty (except psychiatric and substance abuse) hospitals	7.3	7.1	7.0	7.2	7.2	7.1	0.3	0.3	0.5	0.7	7.3	7.2	0.5
623	Nursing and residential care facilities	4.6	4.6	4.9	4.4	4.7	4.7	0.6	1.2	0.6	1.3	4.6	4.7	0.6
624	Social assistance	3.2	3.0	1.9	2.2	2.5	2.4	0.7	1.6	1.4	1.3	3.2	2.5	1.4
6241	Individual and family services	3.5	3.1	1.8	1.9	2.5	2.4	1.7	3.0	2.7	2.2	3.5	2.5	2.7
6242	Community food and housing, and emergency and other relief services	4.4	4.2	5.0	4.2	4.7	3.5	1.5	3.8	3.2	2.0	4.4	4.7	3.2
6243	Vocational rehabilitation services	8.0	9.4	8.0	9.1	10.1	9.6	2.1	2.1	2.9	2.5	8.0	10.1	2.9
6244	Child day care services	6.3	6.8	7.2	6.8	5.9	6.2	2.7	2.3	3.0	2.6	6.3	5.9	3.0
71	Arts, entertainment, and recreation	3.0	3.6	3.5	3.3	2.9	2.7	1.1	1.6	1.4	1.8	3.0	2.9	1.4
711	Performing arts, spectator sports, and related industries	3.7	3.8	3.9	5.0	3.4	4.5	2.2	2.5	2.2	2.2	3.7	3.4	2.2
7111	Performing arts companies	6.4	7.0	10.6	7.8	6.1	8.5	2.1	5.6	3.8	5.2	6.4	6.1	3.8
7112	Spectator sports	11.9	8.6	9.2	12.1	11.4	8.6	5.6	10.5	2.5	4.1	11.9	11.4	2.5
7113	Promoters of performing arts, sports, and similar events	7.9	2.2	2.2	4.4	7.1	3.9	6.4	1.9	3.7	2.3	7.9	7.1	3.7
7114	Agents and managers for artists, athletes, entertainers, and other public figures	11.2	11.3	11.7	11.9	9.8	10.1	7.7	3.1	9.0	5.0	11.2	9.8	9.0
7115	Independent artists, writers, and performers	16.0	12.9	10.0	12.5	9.8	13.0	4.7	11.8	8.0	5.0	16.0	9.8	8.0
712	Museums, historical sites, and similar institutions	6.3	5.4	5.0	3.4	5.0	3.0	4.0	3.9	4.6	5.1	6.3	5.0	4.6
713	Amusement, gambling, and recreation industries	5.6	5.3	5.3	4.3	5.0	4.6	1.2	1.8	2.0	1.9	5.6	5.0	2.0
7131	Amusement parks and arcades	5.9	4.5	5.2	4.0	4.8	3.8	1.5	3.1	4.0	3.0	5.9	4.8	4.0
7132	Gambling industries	11.3	10.8	12.1	11.5	11.6	11.3	3.3	2.3	3.8	2.2	11.3	11.6	3.8
7139	Other amusement and recreation industries	6.3	6.4	7.6	6.1	6.3	6.4	1.3	3.4	3.0	4.0	6.3	6.3	3.0
721	Accommodation	2.9	3.5	3.5	3.5	2.7	3.3	0.8	0.5	1.2	1.3	2.9	2.7	1.2
7211	Traveler accommodation	2.9	3.5	3.5	3.4	2.7	3.2	0.8	0.5	1.2	1.3	2.9	2.7	1.2
7212	RV (recreational vehicle) parks and recreational camps	6.6	7.5	6.3	7.1	3.9	5.3	7.5	3.0	6.3	5.9	6.6	3.9	6.3
7213	Rooming and boarding houses	7.7	11.9	16.3	21.0	16.7	23.2	6.4	3.8	7.4	9.3	7.7	16.7	7.4

Table 2. Selected Services - Estimated Measures of Sampling Variability

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

2007 NAICS code	Kind of business	Coefficient of variation for total revenue						Standard error for percent change				Year to Date		
												Coefficient of variation		Standard error
		1Q 2017 (p)	4Q 2016	3Q 2016	2Q 2016	1Q 2016	4Q 2015	1Q 2017 from 4Q 2016 (p)	4Q 2016 from 3Q 2016	1Q 2017 from 1Q 2016 (p)	4Q 2016 from 4Q 2015	2017 (p)	2016	2017 from 2016 (p)
81	Other services (except public administration)	2.4	2.4	2.0	2.2	2.6	2.3	1.1	0.8	0.9	0.9	2.4	2.6	0.9
811	Repair and maintenance	5.0	4.4	3.9	3.6	3.7	3.9	1.6	1.3	1.8	1.0	5.0	3.7	1.8
8111	Automotive repair and maintenance	7.8	7.9	6.5	6.4	5.2	6.4	1.9	2.0	4.3	2.9	7.8	5.2	4.3
8112	Electronic and precision equipment repair and maintenance	21.3	21.6	16.7	17.1	14.2	14.4	1.5	3.6	5.6	5.2	21.3	14.2	5.6
8113	Commercial and industrial machinery and equipment (except automotive and electronic) repair and maintenance	9.4	9.7	9.9	9.0	10.0	10.1	3.1	2.1	4.4	3.2	9.4	10.0	4.4
8114	Personal and household goods repair and maintenance	16.8	14.8	15.6	16.3	13.7	12.2	7.3	3.3	6.6	7.0	16.8	13.7	6.6
812	Personal and laundry services.....	4.2	4.1	4.3	4.5	4.7	3.6	0.6	1.1	1.9	1.4	4.2	4.7	1.9
8121	Personal care services.....	9.0	9.4	9.7	9.9	9.2	8.2	1.2	2.0	2.9	3.6	9.0	9.2	2.9
8122	Death care services.....	8.8	8.0	8.1	8.0	9.8	9.8	1.6	4.4	6.2	5.7	8.8	9.8	6.2
8123	Drycleaning and laundry services.....	10.4	10.2	9.5	9.5	9.4	8.7	0.3	0.9	1.5	4.4	10.4	9.4	1.5
8129	Other personal services.....	8.1	8.0	7.2	7.4	6.7	7.6	2.6	2.9	5.3	3.3	8.1	6.7	5.3
813	Religious, grantmaking, civic, professional, and similar organizations	3.2	2.8	3.3	3.4	3.0	3.5	1.7	1.8	1.9	2.1	3.2	3.0	1.9

(p) Preliminary estimate. Z Absolute value is less than .05.

S Corresponding estimate in Table 1a and/or 1b does not meet publication standards because of high sampling variability, poor response quality or other concerns about the estimate's quality.

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. Additional information on confidentiality protection, sampling error, nonsampling error, 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 19,500 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	25
22	Utilities	7
48-49	Transportation and warehousing	24
51	Information	18
52	Finance and insurance	14
53	Real estate and rental and leasing	34
54	Professional, scientific, and technical services	37
56	Administrative and support and waste management and remediation services	38
61	Educational services	44
62	Health care and social assistance	34
71	Arts, entertainment, and recreation	32
721	Accommodation	30
81	Other services (except public administration)	43

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/>.

Description of Seasonal Adjustment

To derive the seasonally adjusted revenue estimates published in this report, we used all available quarterly

Data Inquiries

Economic Indicators Division, Service Indicator Branch
301-763-2960
sssd.qss@census.gov

Media Inquiries

Public Information Office
301-763-3030
pio@census.gov



U.S. Department of Commerce
Economics and Statistics Administration
U.S. CENSUS BUREAU
census.gov

revenue estimates as input to the Census Bureau's X-13 ARIMA-SEATS program. With each non-advance quarterly release, we publish preliminary seasonally adjusted estimates for the current quarter and revised seasonally adjusted estimates for the previous five quarters. The seasonal adjustment models used to derive seasonal factors for each kind of business are evaluated annually and will not be revised until the next benchmarking operation. For a table of the seasonal adjustment factors, see www.census.gov/services/qss/qssseasfactors.xls. A list of "Frequently Asked Questions" on seasonal adjustment of QSS estimates is available at [www.census.gov/services/qss/seasonally adjusted_faqs](http://www.census.gov/services/qss/seasonally_adjusted_faqs).

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 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 Table 2 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

Data Inquiries

Economic Indicators Division, Service Indicator Branch
301-763-2960
sssd.qss@census.gov

Media Inquiries

Public Information Office
301-763-3030
pio@census.gov



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Economics and Statistics Administration
U.S. CENSUS BUREAU
census.gov

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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Data Inquiries

Economic Indicators Division, Service Indicator Branch
301-763-2960
sssd.qss@census.gov

Media Inquiries

Public Information Office
301-763-3030
pio@census.gov



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Economics and Statistics Administration
U.S. CENSUS BUREAU
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