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QUARTERLY SELECTED SERVICES ESTIMATES, SECOND QUARTER 2019

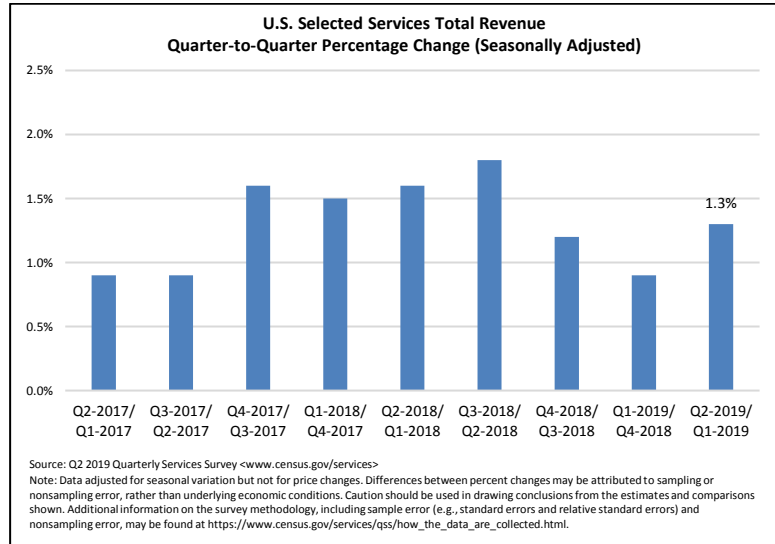
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September 6, 2019 — The U.S. Census Bureau announced the following selected services estimates for the second calendar quarter of 2019:

SELECTED SERVICES TOTAL REVENUE		
2Q 2019	\$4,048.1 billion	+1.3 %
1Q 2019 (revised)	\$3,996.6 billion	+0.9 %

Next release: November 19, 2019

Data are adjusted for seasonal variation but not for price changes.
Source: U.S. Census Bureau, Quarterly Services Survey, September 6, 2019



Selected Services Total

U.S. selected services total revenue for the second quarter of 2019, adjusted for seasonal variation but not for price changes, was \$4,048.1 billion, an increase of 1.3 percent (± 0.4 percent) from the first quarter of 2019 and up 5.3 percent (± 0.6 percent) from the second quarter of 2018. The first quarter of 2019 to second quarter of 2019 percentage change was not revised from the advance estimate.

Utilities

U.S. utilities revenue for the second quarter of 2019, adjusted for seasonal variation but not for price changes, was \$146.6 billion, a decrease of 1.5 percent (± 1.5 percent)* from the first quarter of 2019 and down 1.9 percent (± 0.6 percent) from the second quarter of 2018. The fourth quarter of 2018 to first quarter of 2019 percentage change was revised from -1.6 percent (± 0.8 percent) to -1.6 percent (± 0.9 percent).

Transportation and warehousing

U.S. transportation and warehousing revenue for the second quarter of 2019, adjusted for seasonal variation but not for price changes, was \$249.8 billion, an increase of 0.3 percent (± 0.6 percent)* from the first quarter of 2019 and up 2.0 percent (± 0.9 percent) from the second quarter of 2018. The fourth

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quarter of 2018 to first quarter of 2019 percentage change was revised from -1.1 percent (± 1.1 percent)* to -1.1 percent (± 0.9 percent).

Information

U.S. information sector revenue for the second quarter of 2019, adjusted for seasonal variation but not for price changes, was \$433.3 billion, an increase of 1.8 percent (± 0.4 percent) from the first quarter of 2019 and up 6.0 percent (± 0.9 percent) from the second quarter of 2018. The fourth quarter of 2018 to first quarter of 2019 percentage change was not revised from the 1.0 percent (± 0.8 percent).

Professional, scientific, and technical services

U.S. professional, scientific, and technical services revenue for the second quarter of 2019, adjusted for seasonal variation but not for price changes, was \$506.1 billion, an increase of 1.8 percent (± 1.3 percent) from the first quarter of 2019 and up 4.2 percent (± 1.1 percent) from the second quarter of 2018. The fourth quarter of 2018 to first quarter of 2019 percentage change was revised from 0.3 percent (± 1.1 percent)* to 0.4 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 second quarter of 2019, adjusted for seasonal variation but not for price changes, was \$255.5 billion, an increase of 0.3 percent (± 2.3 percent)* from the first quarter of 2019 and up 3.7 percent (± 1.5 percent) from the second quarter of 2018. The fourth quarter of 2018 to first quarter of 2019 percentage change was revised from -0.4 percent (± 1.3 percent)* to -0.9 percent (± 1.5 percent)*.

Finance and insurance

U.S. finance and insurance revenue for the second quarter of 2019, not adjusted for seasonal variation, or price changes, was \$1,280.1 billion, an increase of 1.7 percent (± 0.6 percent) from the first quarter of 2019 and up 7.0 percent (± 1.5 percent) from the second quarter of 2018. The first quarter of 2019 to second quarter of 2019 percentage change was revised from the advance estimate of 1.9 percent (± 0.6 percent).

Real estate and rental and leasing

U.S. real estate and rental and leasing revenue for the second quarter of 2019, not adjusted for seasonal variation, or price changes, was \$186.5 billion, an increase of 10.0 percent (± 1.1 percent) from the first quarter of 2019 and up 6.6 percent (± 1.5 percent) from the second quarter of 2018. The first quarter of 2019 to second quarter of 2019 percentage change was revised from the advance estimate of 10.7 percent (± 1.1 percent).

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Educational services

U.S. educational services revenue for the second quarter of 2019, not adjusted for seasonal variation, or price changes, was \$18.9 billion, an increase of 4.0 percent (± 2.8 percent) from the first quarter of 2019 and up 3.3 percent (± 2.3 percent) from the second quarter of 2018. The first quarter of 2019 to second quarter of 2019 percentage change was revised from the advance estimate of 2.5 percent (± 2.8 percent)*.

Health care and social assistance

U.S. health care and social assistance revenue for the second quarter of 2019, not adjusted for seasonal variation, or price changes, was \$695.2 billion, an increase of 2.5 percent (± 0.2 percent) from the first quarter of 2019 and up 5.1 percent (± 0.9 percent) from the second quarter of 2018. The first quarter of 2019 to second quarter of 2019 percentage change was revised from the advance estimate of 2.5 percent (± 0.4 percent).

Arts, entertainment, and recreation

U.S. arts, entertainment, and recreation revenue for the second quarter of 2019, not adjusted for seasonal variation, or price changes, was \$73.9 billion, an increase of 12.4 percent (± 4.2 percent) from the first quarter of 2019 and up 6.5 percent (± 2.5 percent) from the second quarter of 2018. The first quarter of 2019 to second quarter of 2019 percentage change was revised from the advance estimate of 12.5 percent (± 4.5 percent).

Accommodation

U.S. accommodation revenue for the second quarter of 2019, not adjusted for seasonal variation, or price changes, was \$65.2 billion, an increase of 10.3 percent (± 2.1 percent) from the first quarter of 2019 and up 1.2 percent (± 2.7 percent)* from the second quarter of 2018. The first quarter of 2019 to second quarter of 2019 percentage change was revised from the advance estimate of 10.5 percent (± 2.3 percent).

Other services (except public administration)

U.S. other services (except public administration) revenue for the second quarter of 2019, not adjusted for seasonal variation, or price changes, was \$145.9 billion, an increase of 2.1 percent (± 4.0 percent)* from the first quarter of 2019 and up 9.5 percent (± 3.8 percent) from the second quarter of 2018. The first quarter of 2019 to second quarter of 2019 percentage change was revised from the advance estimate of 1.5 percent (± 3.8 percent)*.

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GENERAL INFORMATION

Intention to Expand Seasonal Adjustment

Beginning with the March 2020 release for the fourth quarter of 2019, we anticipate the introduction of new seasonally adjusted estimates of revenue for selected industries within NAICS sectors 52, 53, 62, 71, subsector 561, and industry group 5111 into the Full Quarterly Services Report. For more information, please visit our seasonal adjustment FAQs:

<https://www.census.gov/services/qss/seasonally_adjusted_faqs.html>.

Publication of Taxable and Tax-exempt Breakouts

Beginning with the March 2020 release for the fourth quarter of 2019, Table 1b of the full report will include breakouts of taxable vs. tax-exempt revenue for applicable industries. For more information, and to see an example, please view the proposed Table 1b shell:

<<https://census.gov/services/qss/tableshell.xls>>.

Upcoming Benchmarking

Effective with the February 2020 advance release for the fourth quarter of 2019, not seasonally adjusted quarterly services estimates will be revised to reflect historical corrections and results of the 2018 Service Annual Survey. In addition, the seasonally adjusted Selected Services Total will be revised to reflect historical corrections, new seasonal factors, and results of the 2018 Service Annual Survey.

Release Schedule

The third quarter 2019 Advance Quarterly Services Report is scheduled for release on November 19, 2019. 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/>.

RESOURCES

Economic Census

On Thursday, September 19th, the Census Bureau will release the first set of data from the 2017 Economic Census, the First Look report. This report includes preliminary National-level data on the number of employer establishments, employment, annual payroll, and revenue for nearly every 2- thru 6-digit North American Industry Classification System (NAICS) code. The Economic Census provides the most comprehensive and detailed statistics on employer businesses available from the Census Bureau.

<www.census.gov/programs-surveys/economic-census>

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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/>

FRED Mobile App



Receive the latest updates on the nation's key economic indicators by downloading the FRED App <<https://fred.stlouisfed.org/fred-mobile/>> for both Apple and Android devices. FRED, the signature database of the Federal Reserve Bank of St. Louis, now incorporates the Census Bureau's 13 economic indicators.

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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 changes and are based on data from the Quarterly Services Survey. For additional information see www.census.gov/services]

2012 NAICS code ²	Kind of business	Total revenue (millions of dollars)						Percent change					
		2Q 2019 (p)	1Q 2019 (r)	4Q 2018 (r)	3Q 2018 (r)	2Q 2018 (r)	1Q 2018 (r)	2Q 2019 from 1Q 2019 (p)	1Q 2019 from 4Q 2018 (r)	4Q 2018 from 3Q 2018 (r)	3Q 2018 from 2Q 2018 (r)	2Q 2019 from 2Q 2018 (p)	1Q 2019 from 1Q 2018 (r)
	Selected Services Total³	4,048,084	3,996,561	3,959,856	3,914,626	3,844,691	3,783,512	1.3	0.9	1.2	1.8	5.3	5.6
22	Utilities^{4,5}	146,579	148,864	151,224	149,653	149,411	146,732	-1.5	-1.6	1.1	0.2	-1.9	1.5
2211	Electric power generation, transmission and distribution.....	117,218	118,393	118,996	119,496	119,343	116,705	-1.0	-0.5	-0.4	0.1	-1.8	1.4
2212	Natural gas distribution.....	25,632	26,802	28,596	26,328	26,371	26,339	-4.4	-6.3	8.6	-0.2	-2.8	1.8
2213	Water, sewage and other systems.....	3,729	3,669	3,632	3,829	3,697	3,688	1.6	1.0	-5.1	3.6	0.9	-0.5
48-49	Transportation and warehousing⁶	249,835	249,031	251,865	246,073	244,841	239,743	0.3	-1.1	2.4	0.5	2.0	3.9
481	Air Transportation.....	57,760	57,002	57,049	55,892	55,473	54,824	1.3	-0.1	2.1	0.8	4.1	4.0
484	Truck Transportation ⁵	72,398	72,836	74,733	74,371	74,171	72,057	-0.6	-2.5	0.5	0.3	-2.4	1.1
4841	General freight trucking.....	48,860	49,212	50,708	50,261	49,754	48,226	-0.7	-3.0	0.9	1.0	-1.8	2.0
4842	Specialized freight trucking.....	23,538	23,624	24,025	24,110	S	23,831	-0.4	-1.7	-0.4	S	S	-0.9
485	Transit and ground passenger transportation.....	9,975	10,024	9,860	9,873	9,618	9,463	-0.5	1.7	-0.1	2.7	3.7	5.9
487	Scenic and sightseeing transportation.....	920	932	870	865	829	828	-1.3	7.1	0.6	4.3	11.0	12.6
492	Couriers and messengers.....	25,439	24,788	24,871	24,257	23,856	23,513	2.6	-0.3	2.5	1.7	6.6	5.4
51	Information⁷	433,281	425,653	421,540	416,653	408,804	398,822	1.8	1.0	1.2	1.9	6.0	6.7
511	Publishing industries (except Internet) ⁵	93,676	93,615	88,878	88,937	87,297	84,956	0.1	5.3	-0.1	1.9	7.3	10.2
51111	Newspaper publishers.....	6,041	6,137	6,096	6,176	6,200	6,268	-1.6	0.7	-1.3	-0.4	-2.6	-2.1
51112	Periodical publishers.....	6,574	6,629	6,736	6,692	6,711	7,015	-0.8	-1.6	0.7	-0.3	-2.0	-5.5
5111 pt	Book, directory and mailing list, and other publishers ⁷	9,648	9,788	9,884	10,142	10,242	10,070	-1.4	-1.0	-2.5	-1.0	-5.8	-2.8
5112	Software publishers.....	71,413	71,061	66,162	65,927	64,144	61,603	0.5	7.4	0.4	2.8	11.3	15.4
512	Motion picture and sound recording industries.....	28,737	27,287	27,725	28,330	28,377	26,968	5.3	-1.6	-2.1	-0.2	1.3	1.2
515	Broadcasting (except Internet) ⁵	43,725	42,829	43,478	43,357	42,241	42,184	2.1	-1.5	0.3	2.6	3.5	1.5
5151	Radio and television broadcasting.....	22,104	21,393	21,838	21,608	20,550	20,608	3.3	-2.0	1.1	5.1	7.6	3.8
5152	Cable and other subscription programming.....	21,621	21,436	21,640	21,749	21,691	21,576	0.9	-0.9	-0.5	0.3	-0.3	-0.6
518	Data processing, hosting, and related services.....	51,633	49,723	47,848	46,672	45,557	43,126	3.8	3.9	2.5	2.4	13.3	15.3
54	Professional, scientific, and technical services⁸	506,079	497,091	494,957	491,022	485,826	477,581	1.8	0.4	0.8	1.1	4.2	4.1
5411	Legal services ⁸	84,389	84,356	82,901	82,972	82,850	78,713	Z	1.8	-0.1	0.1	1.9	7.2
5412	Accounting, tax preparation, bookkeeping, and payroll services.....	44,924	45,564	45,672	44,872	44,017	44,314	-1.4	-0.2	1.8	1.9	2.1	2.8
5413	Architectural, engineering, and related services.....	88,659	85,193	83,597	84,589	84,825	86,920	4.1	1.9	-1.2	-0.3	4.5	-2.0
54133	Engineering services.....	68,527	64,871	63,882	64,988	65,922	67,867	5.6	1.5	-1.7	-1.4	4.0	-4.4
5416	Management, scientific, and technical consulting services.....	70,963	68,869	69,129	68,482	66,970	67,325	3.0	-0.4	0.9	2.3	6.0	2.3
5417	Scientific research and development services.....	47,209	46,418	44,716	43,877	43,563	41,677	1.7	3.8	1.9	0.7	8.4	11.4
5418	Advertising, public relations, and related services.....	26,038	25,084	26,570	26,386	26,590	25,695	3.8	-5.6	0.7	-0.8	-2.1	-2.4
56	Administrative and support and waste management and remediation services⁵	255,480	254,628	256,910	252,622	246,383	240,420	0.3	-0.9	1.7	2.5	3.7	5.9
5613	Employment services.....	106,716	106,699	107,225	106,149	101,816	96,664	Z	-0.5	1.0	4.3	4.8	10.4
5615	Travel arrangement and reservation services.....	12,576	12,447	12,161	12,625	12,482	12,062	1.0	2.4	-3.7	1.1	0.8	3.2
561 pt	Other administrative and support services ⁹	109,520	109,209	S	108,417	107,238	106,783	0.3	S	S	1.1	2.1	2.3
562	Waste management and remediation services.....	26,668	26,273	26,026	25,431	24,847	24,911	1.5	0.9	2.3	2.4	7.3	5.5
622	Hospitals.....	304,856	301,070	290,936	293,394	287,977	283,975	1.3	3.5	-0.8	1.9	5.9	6.0

(p) Preliminary estimate. (r) Revised 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) 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 2012 NAICS manual or www.census.gov/eos/www/naics/.

(3) 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 72 (Accommodation), and NAICS 81 (Other services (except public administration)). Excludes government owned utilities, NAICS 482 (Rail transportation), NAICS 491 (Postal Service), NAICS 525 (Funds, trusts, and other financial vehicles), NAICS 54112 (Offices of notaries), NAICS 6111 (Elementary and secondary schools), NAICS 6112 (Junior colleges), NAICS 6113 (Colleges, universities, and professional schools), NAICS 8131 (Religious organizations), NAICS 81393 (Labor unions and similar labor organizations), NAICS 81394 (Political organizations), and NAICS 814 (Private households).

(4) Excludes government owned utilities.

(5) Seasonally adjusted estimates for these NAICS are obtained by summing the seasonally adjusted estimates for the detailed NAICS that comprise each respective level.

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

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

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

(9) 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).

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]

2012 NAICS code ¹	Kind of business	Total revenue (millions of dollars)						Percent change				Year to date		
		2Q 2019 (p)	1Q 2019	4Q 2018	3Q 2018	2Q 2018	1Q 2018	2Q 2019 from 1Q 2019 (p)	1Q 2019 from 4Q 2018	2Q 2019 from 2Q 2018 (p)	1Q 2019 from 1Q 2018	2019 (p)	2018	2019 from 2018 (p)
	Selected Services Total²	4,052,132	3,936,613	4,007,374	3,922,455	3,848,536	3,726,759	2.9	-1.8	5.3	5.6	7,988,745	7,575,295	5.5
22	Utilities³	135,533	155,477	147,047	159,093	138,056	153,354	-12.8	5.7	-1.8	1.4	291,010	291,410	-0.1
2211	Electric power generation, transmission and distribution	112,295	113,302	111,618	137,062	114,211	111,803	-0.9	1.5	-1.7	1.3	225,597	226,014	-0.2
2212	Natural gas distribution	19,557	38,836	31,884	17,719	20,200	38,191	-49.6	21.8	-3.2	1.7	58,393	58,391	Z
2213	Water, sewage and other systems	3,681	3,339	3,545	4,312	3,645	3,360	10.2	-5.8	1.0	-0.6	7,020	7,005	0.2
48-49	Transportation and warehousing⁴	254,082	237,327	253,124	252,225	249,003	228,475	7.1	-6.2	2.0	3.9	491,409	477,478	2.9
481	Air transportation	60,532	52,670	56,136	58,407	58,080	50,712	14.9	-6.2	4.2	3.9	113,202	108,792	4.1
483	Water transportation	11,809	10,716	11,323	13,006	11,010	9,829	10.2	-5.4	7.3	9.0	22,525	20,839	8.1
4831	Deep sea, coastal, and Great Lakes water transportation	9,770	8,829	9,196	10,889	8,981	8,108	10.7	-4.0	8.8	8.9	18,599	17,089	8.8
4832	Inland water transportation	2,039	1,887	2,127	2,117	2,029	1,721	8.1	-11.3	0.5	9.6	3,926	3,750	4.7
484	Truck transportation	73,951	68,757	74,728	77,050	75,623	68,052	7.6	-8.0	-2.2	1.0	142,708	143,675	-0.7
4841	General freight trucking	49,495	47,047	51,063	51,518	50,351	46,104	5.2	-7.9	-1.7	2.0	96,542	96,455	0.1
48412	General freight trucking, long-distance	42,103	40,003	43,432	43,623	42,234	38,954	5.2	-7.9	-0.3	2.7	82,106	81,188	1.1
4842	Specialized freight trucking	24,456	21,710	23,665	25,532	S	21,948	12.6	-8.3	S	-1.1	46,166	S	S
485	Transit and ground passenger transportation	10,464	10,054	10,225	8,975	10,118	9,501	4.1	-1.7	3.4	5.8	20,518	19,619	4.6
486	Pipeline transportation	12,425	13,356	13,779	12,594	11,956	12,612	-7.0	-3.1	3.9	5.9	25,781	24,568	4.9
487	Scenic and sightseeing transportation	1,019	550	661	1,335	918	485	85.3	-16.8	11.0	13.4	1,569	1,403	11.8
488	Support activities for transportation	49,118	47,656	49,834	48,162	48,809	45,684	3.1	-4.4	0.6	4.3	96,774	94,493	2.4
492	Couriers and messengers	25,108	24,243	26,512	23,481	23,546	23,066	3.6	-8.6	6.6	5.1	49,351	46,612	5.9
493	Warehousing and storage	9,656	9,325	9,926	9,215	8,943	8,534	3.5	-6.1	8.0	9.3	18,981	17,477	8.6
51	Information	429,815	417,140	440,088	409,987	405,125	390,846	3.0	-5.2	6.1	6.7	846,955	795,971	6.4
511	Publishing industries (except Internet)	93,229	90,384	95,375	86,034	86,869	81,887	3.1	-5.2	7.3	10.4	183,613	168,756	8.8
51111	Newspaper publishers	5,999	5,836	6,596	6,022	6,157	5,961	2.8	-11.5	-2.6	-2.1	11,835	12,118	-2.3
51112	Periodical publishers	6,607	6,211	7,120	6,692	6,765	6,559	6.4	-12.8	-2.3	-5.3	12,818	13,324	-3.8
5111 pt	Book, directory and mailing list, and other publishers ⁵	9,638	8,555	10,072	11,217	10,252	8,811	12.7	-15.1	-6.0	-2.9	18,193	19,063	-4.6
5112	Software publishers	70,985	69,782	71,587	62,103	63,695	60,556	1.7	-2.5	11.4	15.2	140,767	124,251	13.3
512	Motion picture and sound recording industries	28,823	26,960	29,111	27,225	28,320	26,752	6.9	-7.4	1.8	0.8	55,783	55,072	1.3
515	Broadcasting (except Internet)	42,954	41,994	46,659	41,755	41,582	41,391	2.3	-10.0	3.3	1.5	84,948	82,973	2.4
5151	Radio and television broadcasting	21,419	20,794	24,240	20,506	19,913	20,031	3.0	-14.2	7.6	3.8	42,213	39,944	5.7
5152	Cable and other subscription programming	21,535	21,200	22,419	21,249	21,669	21,360	1.6	-5.4	-0.6	-0.7	42,735	43,029	-0.7
517	Telecommunications	157,066	156,106	161,043	157,664	154,001	152,542	0.6	-3.1	2.0	2.3	313,172	306,543	2.2
5171	Wired telecommunications carriers	78,158	77,504	79,005	78,127	77,446	77,139	0.8	-1.9	0.9	0.5	155,662	154,585	0.7
5172	Wireless telecommunications carriers (except satellite)	66,135	66,215	69,563	67,127	64,740	63,812	-0.1	-4.8	2.2	3.8	132,350	128,552	3.0
517 pt	Other telecommunications ⁶	12,773	12,387	12,475	12,410	11,815	11,591	3.1	-0.7	8.1	6.9	25,160	23,406	7.5
518	Data processing, hosting, and related services	51,633	48,828	49,044	46,392	45,466	42,393	5.7	-0.4	13.6	15.2	100,461	87,859	14.3
519	Other information services	56,110	52,868	58,856	50,917	48,887	45,881	6.1	-10.2	14.8	15.2	108,978	94,768	15.0
52	Finance and insurance⁷	1,280,081	1,258,883	1,243,557	1,218,868	1,196,631	1,178,832	1.7	1.2	7.0	6.8	2,538,964	2,375,463	6.9
52 pt	Finance and insurance (except monetary authorities-central bank) ⁸	1,254,366	1,231,010	1,215,814	1,191,029	1,168,446	1,149,480	1.9	1.2	7.4	7.1	2,485,376	2,317,926	7.2
521	Monetary authorities-central bank	25,715	27,873	27,743	27,839	28,185	29,352	-7.7	0.5	-8.8	-5.0	53,588	57,537	-6.9
522	Credit intermediation and related activities	359,933	354,012	351,590	343,718	336,240	323,331	1.7	0.7	7.0	9.5	713,945	659,571	8.2
5221	Depository credit intermediation	164,385	161,668	160,625	158,360	154,131	147,088	1.7	0.6	6.7	9.9	326,053	301,219	8.2
5222	Nondepository credit intermediation	168,437	166,041	164,084	158,585	155,998	151,472	1.4	1.2	8.0	9.6	334,478	307,470	8.8
5223	Activities related to credit intermediation	27,111	26,303	26,881	26,773	26,111	24,771	3.1	-2.2	3.8	6.2	53,414	50,882	5.0
523	Securities, commodity contracts, and other financial investments and related activities	174,649	172,496	171,778	169,922	169,499	172,450	1.2	0.4	3.0	Z	347,145	341,949	1.5
5231	Securities and commodity contracts intermediation and brokerage	79,765	79,956	73,887	76,102	76,641	79,320	-0.2	8.2	4.1	0.8	159,721	155,961	2.4
5232	Securities and commodity exchanges	3,305	3,147	3,436	2,700	2,946	3,177	5.0	-8.4	12.2	-0.9	6,452	6,123	5.4
5239	Other financial investment activities	91,579	89,393	94,455	91,120	89,912	89,953	2.4	-5.4	1.9	-0.6	180,972	179,865	0.6
524	Insurance carriers and related activities	719,784	704,502	692,446	677,389	662,707	653,699	2.2	1.7	8.6	7.8	1,424,286	1,316,406	8.2
5241	Insurance carriers	622,044	606,158	594,549	581,417	567,535	559,360	2.6	2.0	9.6	8.4	1,228,202	1,126,895	9.0
5242	Agencies, brokerages, and other insurance related activities	97,740	98,344	97,897	95,972	95,172	94,339	-0.6	0.5	2.7	4.2	196,084	189,511	3.5
53	Real estate and rental and leasing	186,512	169,489	184,435	182,400	174,981	160,777	10.0	-8.1	6.6	5.4	356,001	335,758	6.0
531	Real estate	128,441	116,999	126,667	125,661	120,522	110,015	9.8	-7.6	6.6	6.3	245,440	230,537	6.5
5311	Lessors of real estate	70,559	69,583	71,809	70,652	66,778	65,137	1.4	-3.1	5.7	6.8	140,142	131,915	6.2
5312	Offices of real estate agents and brokers	30,063	22,739	28,562	28,866	29,208	22,169	32.2	-20.4	2.9	2.6	52,802	51,377	2.8
5313	Activities related to real estate	27,819	24,677	S	S	24,536	22,709	12.7	S	13.4	8.7	52,496	47,245	11.1
532	Rental and leasing services	45,001	41,463	45,089	45,266	42,297	39,921	8.5	-8.0	6.4	3.9	86,464	82,218	5.2
5321	Automotive equipment rental and leasing	16,968	15,367	16,676	17,527	15,808	14,645	10.4	-7.8	7.3	4.9	32,335	30,453	6.2
53211	Passenger car rental and leasing	11,333	10,302	11,117	11,928	10,594	9,927	10.0	-7.3	7.0	3.8	21,635	20,521	5.4
53212	Truck, utility trailer, and RV (recreational vehicle) rental and leasing	5,635	5,065	5,559	5,599	5,214	4,718	11.3	-8.9	8.1	7.4	10,700	9,932	7.7
5322	Consumer goods rental	6,007	5,530	5,652	5,753	5,748	5,398	8.6	-2.2	4.5	2.4	11,537	11,146	3.5
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	21,219	19,958	21,959	21,133	19,908	19,276	6.3	-9.1	6.6	3.5	41,177	39,184	5.1
533	Lessors of nonfinancial intangible assets (except copyrighted works)	13,070	11,027	12,679	11,473	12,162	10,841	18.5	-13.0	7.5	1.7	24,097	23,003	4.8

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]

2012 NAICS code ¹	Kind of business	Total revenue (millions of dollars)						Percent change				Year to date		
		2Q 2019 (p)	1Q 2019	4Q 2018	3Q 2018	2Q 2018	1Q 2018	2Q 2019 from 1Q 2019 (p)	1Q 2019 from 4Q 2018	2Q 2019 from 2Q 2018 (p)	1Q 2019 from 1Q 2018	2019 (p)	2018	2019 from 2018 (p)
54	Professional, scientific, and technical services⁹	511,140	486,652	504,361	487,094	490,684	467,552	5.0	-3.5	4.2	4.1	997,792	958,236	4.1
5411	Legal services ⁹	83,461	75,499	92,932	82,557	81,939	70,369	10.5	-18.8	1.9	7.3	158,960	152,308	4.4
5412	Accounting, tax preparation, bookkeeping, and payroll services	47,170	54,404	39,735	39,757	46,350	52,734	-13.3	36.9	1.8	3.2	101,574	99,084	2.5
5413	Architectural, engineering, and related services	89,368	82,808	83,430	86,365	85,419	84,573	7.9	-0.7	4.6	-2.1	172,176	169,992	1.3
5413 pt	Architectural and related services ¹⁰	20,293	19,818	19,484	20,077	19,036	18,674	2.4	1.7	6.6	6.1	40,111	37,710	6.4
54133	Engineering services	69,075	62,990	63,946	66,288	66,383	65,899	9.7	-1.5	4.1	-4.4	132,065	132,282	-0.2
5414	Specialized design services	6,164	5,270	5,912	5,922	S	5,184	17.0	-10.9	S	1.7	11,434	S	S
5415	Computer systems design and related services	115,534	110,334	114,630	110,624	107,836	102,324	4.7	-3.7	7.1	7.8	225,868	210,160	7.5
5416	Management, scientific, and technical consulting services	71,318	66,665	70,581	68,824	67,305	65,305	7.0	-5.5	6.0	2.1	137,983	132,610	4.1
5417	Scientific research and development services	47,728	44,608	46,236	43,658	43,999	40,010	7.0	-3.5	8.5	11.5	92,336	84,009	9.9
5418	Advertising, public relations, and related services	26,116	24,056	27,845	26,149	26,670	24,667	8.6	-13.6	-2.1	-2.5	50,172	51,337	-2.3
5419	Other professional, scientific, and technical services	24,281	23,008	S	S	24,971	22,386	5.5	S	-2.8	2.8	47,289	47,357	-0.1
56	Administrative and support and waste management and remediation services	255,755	247,469	260,866	255,436	246,950	233,724	3.3	-5.1	3.6	5.9	503,224	480,674	4.7
561	Administrative and support services	228,687	222,536	234,710	229,242	221,705	210,083	2.8	-5.2	3.1	5.9	451,223	431,788	4.5
5613	Employment services	103,194	105,952	112,265	105,300	98,558	96,181	-2.6	-5.6	4.7	10.2	209,146	194,739	7.4
5615	Travel arrangement and reservation services	13,016	11,962	11,504	13,357	12,906	11,604	8.8	4.0	0.9	3.1	24,978	24,510	1.9
561 pt	Other administrative and support services ¹¹	112,477	104,622	S	110,585	110,241	102,298	7.5	S	2.0	2.3	217,099	212,539	2.1
562	Waste management and remediation services	27,068	24,933	26,156	26,194	25,245	23,641	8.6	-4.7	7.2	5.5	52,001	48,886	6.4
61	Educational services¹²	18,943	18,223	18,061	17,950	18,330	16,992	4.0	0.9	3.3	7.2	37,166	35,322	5.2
6114	Business schools and computer and management training	3,297	3,064	3,109	3,452	3,208	2,986	7.6	-1.4	2.8	2.6	6,361	6,194	2.7
6115	Technical and trade schools	3,989	4,097	4,026	3,869	3,722	3,765	-2.6	1.8	7.2	8.8	8,086	7,487	8.0
6116	Other schools and instruction	7,206	7,369	7,043	6,800	7,025	6,862	-2.2	4.6	7.4	7.4	14,575	13,887	5.0
6117	Educational support services	4,451	3,693	3,883	3,829	4,375	3,379	20.5	-4.9	1.7	9.3	8,144	7,754	5.0
62	Health care and social assistance	695,182	678,081	677,469	661,383	661,614	647,088	2.5	0.1	5.1	4.8	1,373,263	1,308,702	4.9
621	Ambulatory health care services	269,999	260,816	268,144	261,566	260,545	255,269	3.5	-2.7	3.6	2.2	530,815	515,814	2.9
6211	Offices of physicians	132,027	126,645	133,757	129,087	127,836	125,076	4.2	-5.3	3.3	1.3	258,672	252,912	2.3
6212	Offices of dentists	33,238	S	S	S	32,078	32,718	S	S	3.6	S	64,796	S	S
6213	Offices of other health practitioners	22,812	21,724	22,355	S	21,474	20,638	5.0	-2.8	6.2	5.3	44,536	42,112	5.8
6214	Outpatient care centers	37,413	36,497	36,842	34,824	35,568	34,581	2.5	-0.9	5.2	5.5	73,910	70,149	5.4
6215	Medical and diagnostic laboratories	13,126	12,702	12,760	12,717	12,963	12,647	3.3	-0.5	1.3	0.4	25,828	25,610	0.9
6216	Home health care services	21,751	21,442	21,888	21,621	21,271	20,541	1.4	-2.0	2.3	4.4	43,193	41,812	3.3
6219	Other ambulatory health care services	9,632	9,267	9,296	9,506	9,355	9,068	3.9	-0.3	3.0	2.2	18,899	18,423	2.6
622	Hospitals	307,295	302,575	291,227	289,286	290,281	285,395	1.6	3.9	5.9	6.0	609,870	575,676	5.9
6221	General medical and surgical hospitals	286,166	281,915	271,246	269,426	270,312	265,734	1.5	3.9	5.9	6.1	568,081	536,046	6.0
6222	Psychiatric and substance abuse hospitals	6,958	7,112	6,820	6,714	6,786	6,874	-2.2	4.3	2.5	3.5	14,070	13,660	3.0
6223	Specialty (except psychiatric and substance abuse) hospitals	14,171	13,548	13,161	13,146	13,183	12,787	4.6	2.9	7.5	6.0	27,719	25,970	6.7
623	Nursing and residential care facilities	66,231	65,259	64,691	63,375	62,454	60,435	1.5	0.9	6.0	8.0	131,490	122,889	7.0
624	Social assistance	51,657	49,431	53,407	47,156	48,334	45,989	4.5	-7.4	6.9	7.5	101,088	94,323	7.2
6241	Individual and family services	27,199	26,106	28,051	25,443	25,357	23,902	4.2	-6.9	7.3	9.2	53,305	49,259	8.2
6242	Community food and housing, and emergency and other relief services	8,977	8,162	10,279	7,787	8,433	7,653	10.0	-20.6	6.5	6.7	17,139	16,086	6.5
6243	Vocational rehabilitation services	3,958	3,599	3,726	3,722	3,620	3,440	10.0	-3.4	9.3	4.6	7,557	7,060	7.0
6244	Child day care services	11,523	11,564	11,351	10,204	10,924	10,994	-0.4	1.9	5.5	5.2	23,087	21,918	5.3
71	Arts, entertainment, and recreation	73,918	65,775	71,822	74,735	69,412	60,622	12.4	-8.4	6.5	8.5	139,693	130,034	7.4
711	Performing arts, spectator sports, and related industries	31,298	27,656	35,026	34,363	31,023	24,480	13.2	-21.0	0.9	13.0	58,954	55,503	6.2
7111	Performing arts companies	4,569	4,366	4,847	5,022	4,685	3,969	4.6	-9.9	-2.5	10.0	8,935	8,654	3.2
7112	Spectator sports	11,228	8,692	13,374	12,150	11,489	8,215	29.2	-35.0	-2.3	5.8	19,920	19,704	1.1
7113	Promoters of performing arts, sports, and similar events	8,537	6,617	8,023	8,621	7,439	5,869	29.0	-17.5	14.8	12.7	15,154	13,308	13.9
7114	Agents and managers for artists, athletes, entertainers, and other public figures	2,410	2,579	2,888	2,378	2,315	2,060	-6.6	-10.7	4.1	25.2	4,989	4,375	14.0
7115	Independent artists, writers, and performers	4,554	5,402	S	S	5,095	4,367	-15.7	S	-10.6	23.7	9,956	9,462	5.2
712	Museums, historical sites, and similar institutions	4,217	3,705	3,953	4,536	4,229	3,556	13.8	-6.3	-0.3	4.2	7,922	7,785	1.8
713	Amusement, gambling, and recreation industries	38,403	34,414	32,843	35,836	34,160	32,586	11.6	4.8	12.4	5.6	72,817	66,746	9.1
7131	Amusement parks and arcades	6,174	4,312	4,923	6,860	5,697	4,081	43.2	-12.4	8.4	5.7	10,486	9,778	7.2
7132	Gambling industries	8,181	8,028	7,759	7,696	7,699	7,649	1.9	3.5	6.3	5.0	16,209	15,348	5.6
7139	Other amusement and recreation industries	S	S	S	S	S	20,856	S	S	S	S	S	S	S
721	Accommodation	65,235	59,137	59,694	64,151	64,467	57,484	10.3	-0.9	1.2	2.9	124,372	121,951	2.0
7211	Traveler accommodation	63,083	57,516	58,158	61,562	62,403	55,961	9.7	-1.1	1.1	2.8	120,599	118,364	1.9
7212	RV (recreational vehicle) parks and recreational camps	1,816	1,211	1,110	2,122	1,736	1,127	50.0	9.1	4.6	7.5	3,027	2,863	5.7
7213	Rooming and boarding houses	336	410	426	467	328	396	-18.0	-3.8	2.4	3.5	746	724	3.0

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]

2012 NAICS code ¹	Kind of business	Total revenue (millions of dollars)						Percent change				Year to date		
		2Q 2019 (p)	1Q 2019	4Q 2018	3Q 2018	2Q 2018	1Q 2018	2Q 2019 from 1Q 2019 (p)	1Q 2019 from 4Q 2018	2Q 2019 from 2Q 2018 (p)	1Q 2019 from 1Q 2018	2019 (p)	2018	2019 from 2018 (p)
81	Other services (except public administration)¹³	145,936	142,960	146,850	139,133	133,283	131,013	2.1	-2.6	9.5	9.1	288,896	264,296	9.3
811	Repair and maintenance	48,115	44,897	44,265	45,102	46,508	45,316	7.2	1.4	3.5	-0.9	93,012	91,824	1.3
8111	Automotive repair and maintenance	31,543	29,313	28,836	S	S	30,652	7.6	1.7	S	-4.4	60,856	S	S
8112	Electronic and precision equipment repair and maintenance	4,796	4,685	4,463	4,497	4,597	4,437	2.4	5.0	4.3	5.6	9,481	9,034	4.9
8113	Commercial and industrial machinery and equipment (except automotive and electronic) repair and maintenance	9,712	9,080	9,094	9,238	9,618	8,432	7.0	-0.2	1.0	7.7	18,792	18,050	4.1
8114	Personal and household goods repair and maintenance	S	1,819	1,872	1,951	2,105	1,795	S	-2.8	S	1.3	S	3,900	S
812	Personal and laundry services.....	30,387	S	S	S	29,596	27,965	S	S	2.7	S	S	57,561	S
8121	Personal care services.....	S	S	S	S	S	S	S	S	S	S	S	S	S
8122	Death care services.....	4,454	4,776	4,655	4,567	4,492	4,839	-6.7	2.6	-0.8	-1.3	9,230	9,331	-1.1
8123	Drycleaning and laundry services.....	7,911	7,429	7,736	7,582	7,399	7,185	6.5	-4.0	6.9	3.4	15,340	14,584	5.2
8129	Other personal services.....	S	S	S	S	S	S	S	S	S	S	S	S	S
813	Religious, grantmaking, civic, professional, and similar organizations ¹⁴	67,434	68,313	72,044	64,916	57,179	57,732	-1.3	-5.2	17.9	18.3	135,747	114,911	18.1

(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 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 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]

2012 NAICS code	Kind of business	Coefficient of variation for total revenue						Standard error for percent change				Year to Date				
		2Q 2019 (p)		1Q 2019		4Q 2018		3Q 2018		2Q 2018		1Q 2018		Coefficient of variation		Standard error
		2019 (p)	2019	2018	2018	2018	2018	2019 from 1Q 2019 (p)	2019 from 4Q 2018	2019 from 2Q 2018 (p)	2019 from 1Q 2018	2019 (p)	2018	2019 from 2018 (p)		
	Selected Services Total	1.0	1.0	0.9	0.9	0.8	0.8	0.2	0.2	0.3	0.3	1.0	0.8	0.3		
	Utilities	2.6	2.1	2.2	3.1	2.8	1.8	0.8	0.5	0.3	0.5	2.3	2.2	0.3		
2211	Electric power generation, transmission and distribution	3.2	3.2	3.0	3.6	3.4	2.8	0.9	0.8	0.5	0.6	3.2	3.1	0.4		
2212	Natural gas distribution	6.4	4.6	5.1	8.0	6.8	4.9	1.2	1.1	0.9	0.6	5.1	5.5	0.7		
2213	Water, sewage and other systems	6.0	5.6	4.8	5.4	5.2	5.3	1.1	2.3	1.8	1.8	5.8	5.0	1.2		
	48-49 Transportation and warehousing	1.6	1.5	1.4	1.5	1.6	1.9	0.3	0.5	0.5	0.7	1.5	1.7	0.5		
481	Air transportation	1.8	2.1	2.1	1.8	2.0	1.8	0.6	0.3	0.6	0.4	1.9	1.9	0.3		
483	Water transportation	8.0	7.6	8.2	8.1	8.4	8.1	0.9	1.2	0.5	0.7	7.8	8.2	0.5		
4831	Deep sea, coastal, and Great Lakes water transportation.....	9.5	9.1	10.0	9.4	10.0	9.6	0.9	1.5	0.6	0.7	9.3	9.8	0.6		
4832	Inland water transportation.....	4.2	4.0	3.7	4.1	3.6	4.2	1.0	0.4	1.5	0.7	4.1	3.8	0.6		
484	Truck transportation	1.6	1.5	2.0	2.1	1.9	2.7	0.7	0.7	0.9	1.7	1.5	2.3	1.2		
4841	General freight trucking	3.1	2.8	3.3	3.2	3.3	4.0	0.7	0.9	1.6	2.5	2.9	3.6	1.9		
48412	General freight trucking, long-distance	4.6	3.8	4.6	4.3	4.2	4.0	1.2	1.2	2.2	2.5	4.2	4.1	2.2		
4842	Specialized freight trucking	2.6	1.6	1.9	1.4	S	1.4	1.8	1.0	S	1.4	2.0	S	S		
485	Transit and ground passenger transportation	4.9	4.9	4.6	5.4	4.5	4.1	1.0	2.2	2.5	2.0	4.9	4.3	2.0		
486	Pipeline transportation	1.1	1.3	1.1	1.2	1.3	1.4	0.2	0.3	0.3	0.2	1.2	1.3	0.2		
487	Scenic and sightseeing transportation	8.9	9.5	6.5	7.2	6.6	11.4	8.6	6.7	6.2	8.7	8.9	8.0	6.0		
488	Support activities for transportation	3.7	3.6	3.5	3.3	3.7	3.8	0.3	1.6	1.0	1.2	3.6	3.7	0.8		
492	Couriers and messengers	3.3	3.2	3.5	3.6	3.6	3.1	0.1	0.5	0.6	0.5	3.3	3.3	0.6		
493	Warehousing and storage	5.9	5.1	5.4	4.7	5.7	5.6	1.5	1.4	2.7	2.4	5.5	5.6	2.5		
	51 Information	1.5	1.4	1.4	1.5	1.5	1.5	0.2	0.4	0.5	0.4	1.4	1.5	0.4		
511	Publishing industries (except Internet)	3.3	3.2	2.7	3.6	3.1	3.0	0.9	1.2	1.8	1.4	3.2	3.0	1.5		
51111	Newspaper publishers	5.1	5.0	5.0	5.0	4.6	4.5	1.1	0.3	1.6	0.9	5.0	4.5	1.0		
51112	Periodical publishers	4.3	4.5	4.2	4.9	5.3	5.1	1.0	0.8	2.3	1.6	4.4	5.1	1.8		
5111 pt	Book, directory and mailing list, and other publishers	3.9	4.0	4.3	3.6	3.7	2.9	0.4	1.6	0.8	1.1	3.9	3.3	0.7		
5112	Software publishers	3.7	3.6	3.0	4.2	3.6	3.5	1.1	1.7	2.4	1.9	3.6	3.5	2.0		
512	Motion picture and sound recording industries	2.1	1.5	1.4	1.2	1.1	1.2	1.6	0.9	1.8	0.9	1.7	1.0	1.0		
515	Broadcasting (except Internet)	1.0	0.8	1.0	1.0	1.0	1.0	0.2	0.2	0.7	0.6	0.9	1.0	0.7		
5151	Radio and television broadcasting	2.0	1.9	2.1	2.2	1.8	1.7	0.4	0.3	1.4	1.3	1.9	1.7	1.3		
5152	Cable and other subscription programming	1.1	1.2	1.1	1.2	1.2	1.2	0.3	0.1	0.2	0.1	1.2	1.2	0.1		
517	Telecommunications	1.2	1.2	1.2	1.2	1.3	1.4	0.1	0.1	0.3	0.5	1.2	1.4	0.4		
5171	Wired telecommunications carriers	2.0	2.0	1.9	1.9	2.0	2.1	0.1	0.2	0.3	0.6	2.0	2.1	0.4		
5172	Wireless telecommunications carriers (except satellite)	2.5	2.4	2.2	2.3	2.4	2.4	0.2	0.2	0.7	0.8	2.4	2.4	0.7		
517 pt	Other telecommunications	4.3	4.1	4.1	4.4	4.2	4.2	0.4	0.3	0.8	0.7	4.2	4.2	0.7		
518	Data processing, hosting, and related services	3.0	3.4	2.9	3.1	3.1	3.4	0.7	0.6	0.7	0.7	3.2	3.2	0.6		
519	Other information services.....	4.4	4.2	4.1	4.3	4.1	4.4	0.6	0.9	1.4	1.0	4.3	4.3	1.1		
	52 Finance and insurance	2.2	2.3	2.1	2.0	2.1	1.9	0.3	0.4	0.8	0.6	2.2	2.0	0.7		
52 pt	Finance and insurance (except monetary authorities-central bank)	2.2	2.3	2.2	2.1	2.2	1.9	0.3	0.4	0.8	0.6	2.3	2.1	0.7		
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.....	2.6	2.5	2.3	2.1	1.9	2.0	0.4	0.6	1.5	0.9	2.6	2.0	1.2		
5221	Depository credit intermediation.....	3.9	3.8	3.9	3.4	3.3	3.1	0.8	0.9	1.9	1.3	3.8	3.1	1.4		
5222	Nondepository credit intermediation.....	4.3	4.2	3.8	3.7	3.4	3.3	0.3	0.7	1.5	1.6	4.2	3.3	1.5		
5223	Activities related to credit intermediation.....	2.8	2.8	2.5	2.9	2.8	2.9	0.5	0.9	1.2	1.6	2.8	2.8	1.3		
523	Securities, commodity contracts, and other financial investments and related activities	4.8	5.4	4.4	4.7	4.7	4.4	0.7	1.4	0.6	2.0	5.1	4.5	1.3		
5231	Securities and commodity contracts intermediation and brokerage	10.8	10.8	10.0	10.1	10.2	9.4	0.8	2.9	1.1	3.9	10.8	9.5	2.7		
5232	Securities and commodity exchanges	Z	Z	Z	Z	Z	Z	Z	Z	Z	Z	Z	Z	Z		
5239	Other financial investment activities	2.2	2.6	3.2	2.0	2.5	3.0	1.2	1.1	1.1	1.4	2.3	2.7	1.2		
524	Insurance carriers and related activities	2.9	2.9	2.8	2.7	2.6	2.6	0.4	0.5	0.9	0.8	2.9	2.6	0.8		
5241	Insurance carriers	3.4	3.4	3.3	3.1	3.1	3.0	0.5	0.4	1.1	0.9	3.4	3.1	1.0		
5242	Agencies, brokerages, and other insurance related activities	2.5	2.8	2.5	2.7	2.7	2.8	0.9	1.2	0.9	0.9	2.6	2.7	0.8		
	53 Real estate and rental and leasing	1.4	1.3	1.3	1.2	1.3	0.9	0.6	0.4	0.8	1.0	1.3	1.1	0.8		
531	Real estate	1.1	1.0	1.4	1.2	1.4	1.2	0.7	0.7	0.7	1.0	1.0	1.3	0.7		
5311	Lessors of real estate.....	1.3	1.5	2.0	1.9	2.0	1.9	1.1	0.8	1.3	1.6	1.3	1.9	1.2		
5312	Offices of real estate agents and brokers.....	3.5	2.9	3.7	3.2	3.6	3.0	1.2	1.0	1.8	2.3	3.2	3.2	1.7		
5313	Activities related to real estate.....	2.7	2.7	S	S	2.1	2.1	1.5	S	1.9	2.3	2.6	1.9	1.7		
532	Rental and leasing services	3.8	3.5	3.9	3.9	3.3	2.9	0.6	1.5	1.6	1.7	3.6	3.1	1.6		
5321	Automotive equipment rental and leasing	1.6	1.6	1.8	1.9	2.0	2.1	0.3	0.5	0.7	0.8	1.6	2.1	0.7		
53211	Passenger car rental and leasing.....	3.5	3.4	3.4	3.5	3.7	4.0	0.2	0.2	0.8	1.2	3.4	3.9	1.0		
53212	Truck, utility trailer, and RV (recreational vehicle) rental and leasing	3.8	4.0	4.6	3.8	3.5	4.0	0.8	1.5	0.9	0.7	3.9	3.7	0.5		
5322	Consumer goods rental	8.8	6.9	6.7	5.9	5.0	8.3	3.4	2.2	7.7	6.8	7.8	6.4	6.2		
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	7.6	7.7	9.0	9.4	8.2	7.9	0.6	2.9	1.7	2.5	7.7	8.0	1.8		
533	Lessors of nonfinancial intangible assets (except copyrighted works)	5.8	4.8	5.0	5.4	5.8	5.2	3.0	0.8	1.9	1.6	5.2	5.3	1.7		

Table 2. Selected Services - 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				
		2Q 2019 (p)		1Q 2019		4Q 2018		3Q 2018		2Q 2018		1Q 2018		Coefficient of variation		Standard error
		2019 (p)	2019	2018	2018	2018	2018	2018	2018	2019 from 1Q 2019 (p)	2019 from 4Q 2018	2019 from 2Q 2018 (p)	2019 from 1Q 2018	2019 (p)	2018	2019 from 2018 (p)
54	Professional, scientific, and technical services	2.3	2.2	2.3	2.5	2.1	1.7	0.7	0.5	0.6	0.9	2.2	1.9	0.7		
5411	Legal services	3.3	3.7	4.0	3.9	4.0	3.3	2.0	2.1	2.2	2.1	3.3	3.5	2.1		
5412	Accounting, tax preparation, bookkeeping, and payroll services	3.1	2.4	3.4	2.2	2.7	1.2	1.9	3.5	1.5	2.4	2.5	1.9	1.9		
5413	Architectural, engineering, and related services	4.1	3.0	3.6	4.0	3.0	3.1	1.6	1.4	2.4	0.9	3.6	3.0	1.5		
5413 pt	Architectural and related services	6.3	6.5	6.7	6.2	5.5	4.2	2.0	1.9	2.7	3.5	6.3	4.7	2.3		
54133	Engineering services	4.2	3.5	3.8	3.9	3.4	3.6	2.0	1.4	2.6	1.0	3.8	3.5	1.5		
5414	Specialized design services.....	7.4	5.9	6.1	5.3	S	4.4	4.3	2.5	S	5.3	6.5	S	S		
5415	Computer systems design and related services	3.3	2.9	3.5	3.2	2.7	1.9	0.9	1.0	1.4	2.0	3.0	2.2	1.6		
5416	Management, scientific, and technical consulting services	3.9	3.5	3.9	3.8	4.0	4.2	1.1	0.8	1.6	1.9	3.7	4.0	1.4		
5417	Scientific research and development services	8.3	8.3	8.0	8.9	8.5	8.5	1.0	2.4	2.9	4.2	8.3	8.5	3.4		
5418	Advertising, public relations, and related services	2.7	2.2	2.3	2.1	2.2	2.1	0.8	1.0	1.4	1.2	2.5	2.2	1.3		
5419	Other professional, scientific, and technical services.....	6.3	6.6	S	S	4.5	5.1	3.9	S	3.8	2.7	6.2	4.8	3.1		
56	Administrative and support and waste management and remediation services	3.0	3.1	3.4	3.0	2.6	2.7	1.2	0.8	0.8	1.0	3.0	2.6	0.8		
561	Administrative and support services	3.4	3.5	3.9	3.4	3.0	2.9	1.4	0.8	1.0	1.2	3.4	2.9	1.0		
5613	Employment services	6.0	7.0	6.8	6.6	5.6	5.3	1.4	1.0	1.4	2.7	6.4	5.4	1.8		
5615	Travel arrangement and reservation services	4.9	4.0	3.7	4.0	4.5	5.5	3.3	1.9	2.9	2.6	4.3	4.9	2.2		
561 pt	Other administrative and support services	3.7	2.7	S	2.9	2.8	2.9	1.8	S	1.3	1.9	3.2	2.8	1.3		
562	Waste management and remediation services	2.9	3.4	3.9	2.1	2.3	2.8	0.8	0.9	1.3	1.3	3.1	2.4	1.2		
61	Educational services	3.8	3.8	4.5	4.1	3.3	3.3	1.5	1.0	1.2	1.6	3.7	3.1	1.1		
6114	Business schools and computer and management training	6.7	6.6	7.2	6.9	6.5	7.7	2.7	3.5	3.3	3.7	6.5	7.0	3.2		
6115	Technical and trade schools	6.4	6.5	6.6	5.5	6.4	6.6	0.9	2.2	5.0	3.3	6.4	6.3	3.8		
6116	Other schools and instruction.....	8.0	8.1	8.4	7.9	7.0	7.2	2.8	2.0	2.3	3.4	7.9	6.7	2.5		
6117	Educational support services	4.0	4.8	4.5	7.2	4.0	3.0	2.9	1.6	1.3	2.8	4.2	3.5	1.3		
62	Health care and social assistance	1.7	1.7	1.8	1.6	1.7	1.6	0.1	0.5	0.5	0.4	1.7	1.6	0.4		
621	Ambulatory health care services	1.4	1.7	1.8	1.6	1.7	1.7	0.3	0.7	0.9	0.9	1.6	1.7	0.9		
6211	Offices of physicians.....	2.9	3.3	3.2	2.7	2.8	2.7	0.6	1.2	1.5	1.6	3.1	2.7	1.5		
6212	Offices of dentists.....	3.7	S	S	S	3.8	4.3	S	S	2.4	S	S	4.0	S		
6213	Offices of other health practitioners	5.7	5.2	4.8	S	4.9	3.8	1.2	1.1	1.6	2.5	5.4	4.3	2.0		
6214	Outpatient care centers	2.7	2.8	2.8	2.3	2.8	2.7	0.5	0.6	1.3	1.3	2.7	2.7	1.3		
6215	Medical and diagnostic laboratories	4.3	4.4	4.7	4.4	4.5	4.0	0.9	0.8	1.4	1.0	4.3	4.3	1.1		
6216	Home health care services	5.8	6.0	5.9	6.2	5.9	6.0	0.5	0.7	0.9	1.4	5.9	5.9	1.0		
6219	Other ambulatory health care services	3.9	3.8	3.7	4.4	4.2	4.3	0.7	0.5	0.6	1.1	3.8	4.2	0.8		
622	Hospitals	2.8	2.5	2.7	2.7	2.6	2.7	0.4	0.5	0.7	0.7	2.7	2.7	0.6		
6221	General medical and surgical hospitals.....	2.8	2.4	2.7	2.7	2.6	2.7	0.5	0.5	0.7	0.7	2.6	2.6	0.6		
6222	Psychiatric and substance abuse hospitals.....	5.9	5.1	5.1	5.1	5.6	5.3	1.1	0.5	1.6	2.5	5.5	5.4	2.0		
6223	Specialty (except psychiatric and substance abuse) hospitals.....	8.3	8.4	7.9	7.1	6.8	6.6	0.3	0.7	1.5	1.8	8.3	6.7	1.6		
623	Nursing and residential care facilities	2.3	2.5	2.5	2.3	2.1	2.4	0.3	0.9	0.8	1.0	2.4	2.2	0.9		
624	Social assistance	3.8	3.3	3.5	3.0	2.1	2.7	1.3	0.6	2.1	1.1	3.5	2.3	1.4		
6241	Individual and family services.....	6.1	6.0	5.7	5.0	4.0	4.8	1.6	0.8	2.5	1.8	6.0	4.4	2.0		
6242	Community food and housing, and emergency and other relief services	6.9	4.8	6.4	6.1	6.2	4.7	4.2	2.2	4.4	1.3	5.7	5.4	2.5		
6243	Vocational rehabilitation services	10.1	11.9	12.2	11.2	10.4	10.3	2.4	2.3	3.3	3.2	11.0	10.4	3.0		
6244	Child day care services	6.1	6.4	6.3	5.3	5.7	6.0	2.1	1.5	2.5	2.9	6.2	5.8	2.3		
71	Arts, entertainment, and recreation.....	2.5	3.0	2.5	2.6	2.5	2.9	2.2	1.0	1.3	1.8	2.6	2.6	1.3		
711	Performing arts, spectator sports, and related industries	3.3	6.6	3.4	2.5	4.5	5.5	5.5	2.7	2.0	2.0	4.2	4.6	0.8		
7111	Performing arts companies.....	3.6	4.0	3.1	4.7	3.6	5.4	3.2	2.2	4.1	6.1	3.5	3.4	4.4		
7112	Spectator sports.....	4.5	14.2	5.9	3.5	9.3	10.2	14.5	6.7	4.7	6.2	7.4	9.2	4.0		
7113	Promoters of performing arts, sports, and similar events.....	6.2	5.8	5.5	4.7	6.8	7.5	4.6	3.4	3.3	3.6	5.7	6.6	3.2		
7114	Agents and managers for artists, athletes, entertainers, and other public figures	6.5	13.9	10.0	5.2	4.4	9.4	7.7	3.4	3.6	5.2	9.5	6.5	3.3		
7115	Independent artists, writers, and performers.....	15.6	10.1	S	S	11.1	8.7	6.2	S	7.9	10.3	12.1	9.5	7.3		
712	Museums, historical sites, and similar institutions.....	4.0	5.9	5.8	5.9	4.1	6.5	5.2	3.3	2.5	3.2	4.4	4.8	2.7		
713	Amusement, gambling, and recreation industries.....	4.2	5.4	4.8	4.7	4.7	5.4	2.0	0.9	2.7	2.3	4.7	5.0	2.2		
7131	Amusement parks and arcades.....	4.3	5.2	4.0	6.1	5.9	3.9	4.0	1.3	3.4	1.9	4.5	5.0	2.1		
7132	Gambling industries.....	14.0	15.1	13.7	13.9	14.0	15.7	2.0	1.4	1.1	2.4	14.5	14.8	1.4		
7139	Other amusement and recreation industries.....	S	S	S	S	S	2.5	S	S	S	S	S	S	S		
721	Accommodation	1.3	2.0	1.3	1.2	1.1	1.2	1.1	1.0	1.4	1.6	1.6	1.1	1.4		
7211	Traveler accommodation	1.4	2.1	1.3	1.3	1.1	1.2	1.1	1.0	1.5	1.6	1.7	1.1	1.5		
7212	RV (recreational vehicle) parks and recreational camps	3.8	4.0	6.1	6.5	4.6	5.6	6.8	5.4	4.0	5.3	3.3	4.3	3.8		
7213	Rooming and boarding houses	5.3	5.4	6.7	2.8	5.8	6.6	2.0	5.3	5.9	4.5	5.2	6.1	4.9		

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		2019 (p)	2019	2018	2018	2018	2018	2019 from 1Q 2019 (p)	2019 from 4Q 2018	2019 from 2Q 2018 (p)	2019 from 1Q 2018	2019 (p)	2018	2019 from 2018 (p)		
81	Other services (except public administration)	2.1	2.6	2.2	2.0	2.2	3.8	2.1	0.9	2.0	1.8	2.1	2.9	1.7		
811	Repair and maintenance	2.2	1.9	2.2	2.8	3.7	3.8	1.5	1.1	3.2	2.9	1.9	3.7	2.8		
8111	Automotive repair and maintenance	6.0	5.1	4.7	S	S	5.8	3.0	1.8	S	4.9	5.4	S	S		
8112	Electronic and precision equipment repair and maintenance	4.2	3.5	3.8	3.0	4.2	4.3	1.6	1.4	2.1	1.1	3.7	4.1	1.1		
8113	Commercial and industrial machinery and equipment (except automotive and electronic) repair and maintenance	9.7	9.9	10.6	9.5	10.5	9.8	1.0	3.0	2.2	5.1	9.8	10.0	3.3		
8114	Personal and household goods repair and maintenance	S	8.8	9.5	9.8	9.4	8.2	S	2.3	S	5.0	S	8.8	S		
812	Personal and laundry services.....	3.9	S	S	S	3.1	2.5	S	S	1.3	S	S	2.8	S		
8121	Personal care services.....	S	S	S	S	S	S	S	S	S	S	S	S	S		
8122	Death care services.....	4.6	3.8	5.9	4.4	4.1	4.8	3.6	4.6	3.0	3.2	3.7	4.3	2.6		
8123	Drycleaning and laundry services.....	5.1	5.6	6.5	5.9	6.0	6.0	2.2	1.1	3.4	3.1	5.2	6.0	3.1		
8129	Other personal services.....	S	S	S	S	S	S	S	S	S	S	S	S	S		
813	Religious, grantmaking, civic, professional, and similar organizations	5.1	5.8	4.4	3.8	3.2	7.1	4.1	2.0	4.4	2.3	5.0	5.0	2.8		

(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:

2012 NAICS Code	Kind of Business	Imputation Rate of Total Quarterly Revenue (in %)
	Selected Services Total	29
22	Utilities	9
48-49	Transportation and warehousing	26
51	Information	22
52	Finance and insurance	18
53	Real estate and rental and leasing	42
54	Professional, scientific, and technical services	40
56	Administrative and support and waste management and remediation services	40
61	Educational services	40
62	Health care and social assistance	38
71	Arts, entertainment, and recreation	37
721	Accommodation	32
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

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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 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.

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

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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 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/how the data are collected](http://www.census.gov/services/qss/how_the_data_are_collected).

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