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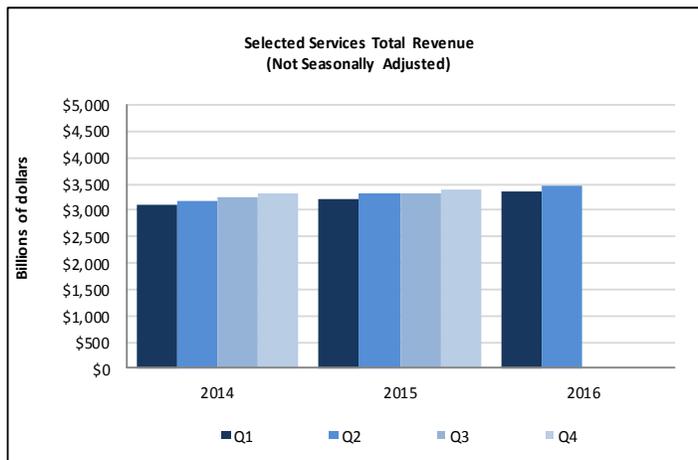
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## QUARTERLY ESTIMATES FOR SELECTED SERVICE INDUSTRIES 2nd QUARTER 2016

**Special Notice:** Effective with the March 2017 release, quarterly services estimates will be revised based on the results of the 2015 Service Annual Survey and Annual Retail Trade Survey.

**Investigating Economic Indicator Webinar Series:** To learn more about this release and the other indicators the U.S. Census Bureau publishes, join us for the Investigating Economic Indicators Webinar Series. For more information, visit [www.census.gov/econ/webinar](http://www.census.gov/econ/webinar).

**Selected Services Total** The U.S. Census Bureau announced today that the estimate of U.S. selected services total revenue for the second calendar quarter of 2016, not adjusted for seasonal variation, or price changes, was \$3,457.9 billion, an increase of 3.4 percent ( $\pm 0.4\%$ ) from the first quarter of 2016 and up 4.3 percent ( $\pm 0.8\%$ ) from the second quarter of 2015. The fourth quarter of 2015 to first quarter of 2016 percent change was revised from -1.2 percent ( $\pm 0.4\%$ ) to -1.3 percent ( $\pm 0.4\%$ ).



**Information** The estimate of U.S. information sector revenue for the second quarter of 2016, adjusted for seasonal variation but not for price changes, was \$363.5 billion, a decrease of 0.1 percent ( $\pm 0.8\%$ )\* from the first quarter of 2016 and up 3.8 percent ( $\pm 0.8\%$ ) from the second quarter of 2015. The fourth quarter of 2015 to first quarter of 2016 percent change was revised from 1.3 percent ( $\pm 0.4\%$ ) to 1.4 percent ( $\pm 0.4\%$ ).

**Professional, scientific, and technical services** The estimate of U.S. professional, scientific, and technical services revenue for the second quarter of 2016, adjusted for seasonal variation but not for price changes, was \$431.0 billion, an increase of 0.8 percent ( $\pm 1.3\%$ )\* from the first quarter of 2016 and up 5.3 percent ( $\pm 3.0\%$ ) from the second quarter of 2015. The fourth quarter of 2015 to first quarter of 2016 percent change was revised from 3.1 percent ( $\pm 0.9\%$ ) to 2.9 percent ( $\pm 0.8\%$ ).

**Administrative and support and waste management and remediation services** The estimate of U.S. administrative and support and waste management and remediation services revenue for the second quarter of 2016, adjusted for seasonal variation but not for price changes, was \$214.2 billion, an increase of 2.5 percent ( $\pm 0.8\%$ ) from the first quarter of 2016 and up 5.9 percent ( $\pm 2.5\%$ ) from the second quarter of 2015. The fourth quarter of 2015 to first quarter of 2016 percent change was revised from 1.3 percent ( $\pm 1.7\%$ )\* to 1.6 percent ( $\pm 1.9\%$ )\*.

\* The 90 percent confidence interval includes zero. The Census Bureau does not have sufficient statistical evidence to conclude that the actual change is different from zero.

## QUARTERLY ESTIMATES FOR SELECTED SERVICE INDUSTRIES 2nd QUARTER 2016– Con.

**Utilities** The estimate of U.S. utilities revenue for the second quarter of 2016, not adjusted for seasonal variation, or price changes, was \$125.2 billion, a decrease of 11.0 percent ( $\pm 2.3\%$ ) from the first quarter of 2016 and down 3.6 percent ( $\pm 1.3\%$ ) from the second quarter of 2015. The fourth quarter of 2015 to first quarter of 2016 percent change was revised from 7.7 percent ( $\pm 0.9\%$ ) to 7.8 percent ( $\pm 0.9\%$ ).

**Transportation and warehousing** The estimate of U.S. transportation and warehousing revenue for the second quarter of 2016, not adjusted for seasonal variation, or price changes, was \$216.9 billion, an increase of 6.0 percent ( $\pm 0.9\%$ ) from the first quarter of 2016 and down 1.1 percent ( $\pm 1.5\%$ )\* from the second quarter of 2015. The fourth quarter of 2015 to first quarter of 2016 percent change was revised from -4.8 percent ( $\pm 0.8\%$ ) to -5.0 percent ( $\pm 0.9\%$ ).

**Finance and insurance** The estimate of U.S. finance and insurance revenue for the second quarter of 2016, not adjusted for seasonal variation, or price changes, was \$1,052.8 billion, an increase of 2.9 percent ( $\pm 1.7\%$ ) from the first quarter of 2016 and up 4.0 percent ( $\pm 2.3\%$ ) from the second quarter of 2015. The fourth quarter of 2015 to first quarter of 2016 percent change was revised from 0.4 percent ( $\pm 1.5\%$ )\* to 0.3 percent ( $\pm 1.5\%$ )\*.

**Real estate and rental and leasing** The estimate of U.S. real estate and rental and leasing revenue for the second quarter of 2016, not adjusted for seasonal variation, or price changes, was \$166.5 billion, an increase of 9.4 percent ( $\pm 1.7\%$ ) from the first quarter of 2016 and up 7.6 percent ( $\pm 1.9\%$ ) from the second quarter of 2015. The fourth quarter of 2015 to first quarter of 2016 percent change was revised from -4.0 percent ( $\pm 0.8\%$ ) to -4.3 percent ( $\pm 0.8\%$ ).

**Educational services** The estimate of U.S. educational services revenue for the second quarter of 2016, not adjusted for seasonal variation, or price changes, was \$17.4 billion, an increase of 12.4 percent ( $\pm 4.4\%$ ) from the first quarter of 2016 and up 6.6 percent ( $\pm 3.4\%$ ) from the second quarter of 2015. The fourth quarter of 2015 to first quarter of 2016 percent change was revised from 1.5 percent ( $\pm 2.8\%$ )\* to 1.6 percent ( $\pm 3.0\%$ )\*.

**Health care and social assistance** The estimate of U.S. health care and social assistance revenue for the second quarter of 2016, not adjusted for seasonal variation, or price changes, was \$618.2 billion, an increase of 3.6 percent ( $\pm 1.3\%$ ) from the first quarter of 2016 and up 6.7 percent ( $\pm 2.1\%$ ) from the second quarter of 2015. The fourth quarter of 2015 to first quarter of 2016 percent change was revised from 0.7 percent ( $\pm 1.5\%$ )\* to 0.6 percent ( $\pm 1.7\%$ )\*.

**Arts, entertainment, and recreation** The estimate of U.S. arts, entertainment, and recreation revenue for the second quarter of 2016, not adjusted for seasonal variation, or price changes, was \$62.6 billion, an increase of 11.8 percent ( $\pm 3.4\%$ ) from the first quarter of 2016 and up 4.8 percent ( $\pm 2.3\%$ ) from the second quarter of 2015. The fourth quarter of 2015 to first quarter of 2016 percent change was revised from -9.6 percent ( $\pm 2.3\%$ ) to -9.5 percent ( $\pm 2.3\%$ ).

**Accommodation** The estimate of U.S. accommodation revenue for the second quarter of 2016, not adjusted for seasonal variation, or price changes, was \$61.3 billion, an increase of 13.9 percent ( $\pm 3.0\%$ ) from the first quarter of 2016 and up 5.0 percent ( $\pm 1.7\%$ ) from the second quarter of 2015. The fourth quarter of 2015 to first quarter of 2016 percent change was revised from -1.5 percent ( $\pm 1.7\%$ )\* to -1.2 percent ( $\pm 1.7\%$ )\*.

**Other services (except public administration)** The estimate of U.S. other services (except public administration) revenue for the second quarter of 2016, not adjusted for seasonal variation, or price changes, was \$126.2 billion, an increase of 5.0 percent ( $\pm 4.9\%$ ) from the first quarter of 2016 and up 3.7 percent ( $\pm 3.0\%$ ) from the second quarter of 2015. The fourth quarter of 2015 to first quarter of 2016 percent change was revised from -7.6 percent ( $\pm 3.0\%$ ) to -7.8 percent ( $\pm 3.0\%$ ).

Additional industry detail and estimates of source of revenue, expenses, inpatient days, and discharges can be found at: [www.census.gov/services/](http://www.census.gov/services/)  
For survey description, description of seasonal adjustment and an explanation of the reliability of the estimates included in this report, please see the last page of the publication.

**Third quarter 2016 estimates are scheduled to be released on December 8, 2016, at 10:00 A.M. EST.**

\* The 90 percent confidence interval includes zero. The Census Bureau does not have sufficient statistical evidence to conclude that the actual change is different from zero.

**Table 1a. Selected Services - Estimated Quarterly Revenue for Employer Firms, Seasonally Adjusted<sup>1</sup>**

[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](http://www.census.gov/services)]

2007 NAICS code <sup>2</sup>	Kind of business	Total revenue (millions of dollars)						Percent change					
		2Q 2016 (p)	1Q 2016 (r)	4Q 2015 (r)	3Q 2015 (r)	2Q 2015 (r)	1Q 2015 (r)	2Q 2016 from 1Q 2016 (p)	1Q 2016 from 4Q 2015 (r)	4Q 2015 from 3Q 2015 (r)	3Q 2015 from 2Q 2015 (r)	2Q 2016 from 2Q 2015 (p)	1Q 2016 from 1Q 2015 (r)
<b>51</b>	<b>Information .....</b>	<b>363,541</b>	<b>363,829</b>	<b>358,875</b>	<b>352,527</b>	<b>350,085</b>	<b>344,130</b>	<b>-0.1</b>	<b>1.4</b>	<b>1.8</b>	<b>0.7</b>	<b>3.8</b>	<b>5.7</b>
5112	Software publishers.....	50,403	51,101	50,069	49,593	50,039	49,827	-1.4	2.1	1.0	-0.9	0.7	2.6
512	Motion picture and sound recording industries .....	25,545	28,945	25,794	25,638	25,377	24,859	-11.7	12.2	0.6	1.0	0.7	16.4
<b>54</b>	<b>Professional, scientific, and technical services<sup>3</sup> .....</b>	<b>430,981</b>	<b>427,520</b>	<b>415,498</b>	<b>415,566</b>	<b>409,196</b>	<b>404,571</b>	<b>0.8</b>	<b>2.9</b>	<b>Z</b>	<b>1.6</b>	<b>5.3</b>	<b>5.7</b>
5411	Legal services <sup>3</sup> .....	72,654	72,630	69,921	71,327	69,768	67,204	Z	3.9	-2.0	2.2	4.1	8.1
5412	Accounting, tax preparation, bookkeeping, and payroll services .....	42,304	41,859	40,592	40,366	38,068	37,021	1.1	3.1	0.6	6.0	11.1	13.1
<b>56</b>	<b>Administrative and support and waste management and remediation services<sup>4</sup> .....</b>	<b>214,244</b>	<b>208,996</b>	<b>205,610</b>	<b>205,363</b>	<b>202,235</b>	<b>199,418</b>	<b>2.5</b>	<b>1.6</b>	<b>0.1</b>	<b>1.5</b>	<b>5.9</b>	<b>4.8</b>
5613	Employment services .....	86,491	83,475	81,386	81,148	78,967	77,704	3.6	2.6	0.3	2.8	9.5	7.4
5615	Travel arrangement and reservation services .....	9,554	9,950	9,757	9,937	9,934	9,608	-4.0	2.0	-1.8	Z	-3.8	3.6
561 pt	Other administrative and support services <sup>5</sup> .....	97,349	94,839	93,747	93,807	93,046	92,079	2.6	1.2	-0.1	0.8	4.6	3.0
562	Waste management and remediation services .....	20,850	20,732	20,720	20,471	20,288	20,027	0.6	0.1	1.2	0.9	2.8	3.5
<b>622</b>	<b>Hospitals.....</b>	<b>269,021</b>	<b>261,065</b>	<b>256,045</b>	<b>253,695</b>	<b>252,801</b>	<b>251,082</b>	<b>3.0</b>	<b>2.0</b>	<b>0.9</b>	<b>0.4</b>	<b>6.4</b>	<b>4.0</b>

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

(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/](http://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](http://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](http://www.census.gov/services)]

2007 NAICS code <sup>1</sup>	Kind of business	Total revenue (millions of dollars)						Percent change				Year to date		
		2Q 2016 (p)	1Q 2016 (r)	4Q 2015	3Q 2015	2Q 2015	1Q 2015	2Q 2016 from 1Q 2016 (p)	1Q 2016 from 4Q 2015 (r)	2Q 2016 from 2Q 2015 (p)	1Q 2016 from 1Q 2015 (r)	2016 (p)	2015	2016 from 2015 (p)
	<b>Selected Services Total<sup>2</sup></b> .....	<b>3,457,926</b>	<b>3,342,985</b>	<b>3,386,911</b>	<b>3,335,076</b>	<b>3,315,616</b>	<b>3,229,503</b>	<b>3.4</b>	<b>-1.3</b>	<b>4.3</b>	<b>3.5</b>	<b>6,800,911</b>	<b>6,545,119</b>	<b>3.9</b>
<b>22</b>	<b>Utilities<sup>3</sup></b> .....	<b>125,218</b>	<b>140,734</b>	<b>130,558</b>	<b>148,193</b>	<b>129,848</b>	<b>158,059</b>	<b>-11.0</b>	<b>7.8</b>	<b>-3.6</b>	<b>-11.0</b>	<b>265,952</b>	<b>287,907</b>	<b>-7.6</b>
2211	Electric power generation, transmission and distribution .....	105,400	107,295	104,533	128,805	108,238	116,012	-1.8	2.6	-2.6	-7.5	212,695	224,250	-5.2
2212	Natural gas distribution .....	16,467	30,317	22,621	15,533	18,267	38,923	-45.7	34.0	-9.9	-22.1	46,784	57,190	-18.2
2213	Water, sewage and other systems .....	3,351	3,122	3,404	3,855	3,343	3,124	7.3	-8.3	0.2	-0.1	6,473	6,467	0.1
<b>48-49</b>	<b>Transportation and warehousing<sup>4</sup></b> .....	<b>216,931</b>	<b>204,617</b>	<b>215,386</b>	<b>224,338</b>	<b>219,365</b>	<b>205,334</b>	<b>6.0</b>	<b>-5.0</b>	<b>-1.1</b>	<b>-0.3</b>	<b>421,548</b>	<b>424,699</b>	<b>-0.7</b>
481	Air transportation .....	50,481	45,801	48,019	53,157	51,846	46,506	10.2	-4.6	-2.6	-1.5	96,282	98,352	-2.1
483	Water transportation .....	10,615	9,939	10,757	12,329	10,859	10,321	6.8	-7.6	-2.2	-3.7	20,554	21,180	-3.0
4831	Deep sea, coastal, and Great Lakes water transportation.....	8,643	8,038	8,496	10,084	8,662	8,217	7.5	-5.4	-0.2	-2.2	16,681	16,879	-1.2
4832	Inland water transportation.....	1,972	1,901	2,261	2,245	2,197	2,104	3.7	-15.9	-10.2	-9.6	3,873	4,301	-10.0
484	Truck transportation .....	65,003	61,198	65,157	68,129	65,348	60,949	6.2	-6.1	-0.5	0.4	126,201	126,297	-0.1
4841	General freight trucking .....	41,960	40,254	43,179	44,264	42,556	39,376	4.2	-6.8	-1.4	2.2	82,214	81,932	0.3
48412	General freight trucking, long-distance .....	35,899	34,309	36,730	37,658	36,083	33,481	4.6	-6.6	-0.5	2.5	70,208	69,564	0.9
4842	Specialized freight trucking .....	23,043	20,944	21,978	23,865	22,792	21,573	10.0	-4.7	1.1	-2.9	43,987	44,365	-0.9
485	Transit and ground passenger transportation .....	9,224	8,525	8,731	7,680	9,349	8,667	8.2	-2.4	-1.3	-1.6	17,749	18,016	-1.5
486	Pipeline transportation .....	9,721	9,832	9,861	9,847	9,433	9,975	-1.1	-0.3	3.1	-1.4	19,553	19,408	0.7
487	Scenic and sightseeing transportation .....	1,056	612	740	1,421	1,128	532	72.5	-17.3	-6.4	15.0	1,668	1,660	0.5
488	Support activities for transportation .....	43,311	41,531	43,815	45,439	44,872	41,771	4.3	-5.2	-3.5	-0.6	84,842	86,643	-2.1
492	Couriers and messengers .....	19,169	19,063	20,195	18,454	18,667	18,655	0.6	-5.6	2.7	2.2	38,232	37,322	2.4
493	Warehousing and storage .....	8,351	8,116	8,111	7,882	7,863	7,958	2.9	0.1	6.2	2.0	16,467	15,821	4.1
<b>51</b>	<b>Information</b> .....	<b>360,633</b>	<b>357,644</b>	<b>375,742</b>	<b>345,124</b>	<b>347,284</b>	<b>338,280</b>	<b>0.8</b>	<b>-4.8</b>	<b>3.8</b>	<b>5.7</b>	<b>718,277</b>	<b>685,564</b>	<b>4.8</b>
511	Publishing industries (except Internet) .....	73,534	71,301	79,713	71,312	74,165	70,647	3.1	-10.6	-3.9	0.9	144,835	144,812	2.8
51111	Newspaper publishers .....	6,555	6,227	7,320	6,555	6,722	6,509	5.3	-14.9	-2.5	-4.3	12,782	13,231	-3.4
51112	Periodical publishers .....	7,046	6,354	7,212	7,087	7,363	6,664	10.9	-11.9	-4.3	-4.7	13,400	14,027	-4.5
5111 pt	Book, directory and mailing list, and other publishers <sup>5</sup> .....	10,084	8,743	10,406	11,201	10,491	8,843	15.3	-16.0	-3.9	-1.1	18,827	19,334	-2.6
5112	Software publishers .....	49,849	49,977	54,775	46,469	49,589	48,631	-0.3	-8.8	0.5	2.8	99,826	98,220	1.6
512	Motion picture and sound recording industries .....	25,085	28,077	28,425	24,279	24,895	24,088	-10.7	-1.2	0.8	16.6	53,162	48,983	8.5
515	Broadcasting (except Internet) .....	37,823	37,287	40,150	35,707	36,168	35,347	1.4	-7.1	4.6	5.5	75,110	71,515	5.0
5151	Radio and television broadcasting .....	17,380	17,538	19,756	16,603	16,767	16,819	-0.9	-11.2	3.7	4.3	34,918	33,586	4.0
5152	Cable and other subscription programming .....	20,443	19,749	20,394	19,104	19,401	18,528	3.5	-3.2	5.4	6.6	40,192	37,929	6.0
517	Telecommunications .....	152,046	151,290	154,747	149,480	149,971	147,624	0.5	-2.2	1.4	2.5	303,336	297,595	1.9
5171	Wired telecommunications carriers .....	77,942	77,546	77,896	74,797	75,646	74,578	0.5	-0.4	3.0	4.0	155,488	150,224	3.5
5172	Wireless telecommunications carriers (except satellite) .....	63,786	63,479	66,280	64,321	64,016	63,183	0.5	-4.2	-0.4	0.5	127,265	127,199	0.1
517 pt	Other telecommunications <sup>6</sup> .....	10,318	10,265	10,571	10,362	10,309	9,863	0.5	-2.9	0.1	4.1	20,583	20,172	2.0
518	Data processing, hosting, and related services .....	34,026	33,226	34,127	31,581	30,846	30,128	2.4	-2.6	10.3	10.3	67,252	60,974	10.3
519	Other information services.....	38,119	36,463	38,580	32,765	31,239	30,446	4.5	-5.5	22.0	19.8	74,582	61,685	20.9
<b>52</b>	<b>Finance and insurance<sup>7</sup></b> .....	<b>1,052,833</b>	<b>1,023,623</b>	<b>1,020,191</b>	<b>1,005,231</b>	<b>1,012,766</b>	<b>993,240</b>	<b>2.9</b>	<b>0.3</b>	<b>4.0</b>	<b>3.1</b>	<b>2,076,456</b>	<b>2,006,006</b>	<b>3.5</b>
52 pt	Finance and insurance (except monetary authorities-central bank) .....	1,023,570	993,963	991,945	975,470	983,134	967,812	3.0	0.2	4.1	2.7	2,017,533	1,950,946	3.4
521	Monetary authorities-central bank.....	29,263	29,660	28,246	29,761	29,632	25,428	-1.3	5.0	-1.2	16.6	58,923	55,060	7.0
522	Credit intermediation and related activities.....	288,482	279,860	281,227	278,398	279,377	269,796	3.1	-0.5	3.3	3.7	568,342	549,173	3.5
5221	Depository credit intermediation.....	127,609	124,822	125,220	123,297	123,632	119,205	2.2	-0.3	3.2	4.7	252,431	242,837	4.0
5222	Nondepository credit intermediation.....	136,938	132,250	132,139	131,006	131,343	127,772	3.5	0.1	4.3	3.5	269,188	259,115	3.9
5223	Activities related to credit intermediation.....	23,935	22,788	23,868	24,095	24,402	22,819	5.0	-4.5	-1.9	-0.1	46,723	47,221	-1.1
523	Securities, commodity contracts, and other financial investments and related activities .....	138,855	132,994	137,056	137,425	146,382	144,344	4.4	-3.0	-5.1	-7.9	271,849	290,726	-6.5
5231	Securities and commodity contracts intermediation and brokerage .....	63,994	57,389	58,110	60,976	65,435	62,915	11.5	-1.2	-2.2	-8.8	121,383	128,350	-5.4
5232	Securities and commodity exchanges .....	2,672	2,831	2,570	2,665	2,450	2,575	-5.6	10.2	9.1	9.9	5,503	5,025	9.5
5239	Other financial investment activities .....	72,189	72,774	76,376	73,784	78,497	78,854	-0.8	-4.7	-8.0	-7.7	144,963	157,351	-7.9
524	Insurance carriers and related activities .....	596,233	581,109	573,662	559,647	557,375	553,672	2.6	1.3	7.0	5.0	1,177,342	1,111,047	6.0
5241	Insurance carriers .....	513,545	499,380	492,921	480,648	478,653	476,257	2.8	1.3	7.3	4.9	1,012,925	954,910	6.1
5242	Agencies, brokerages, and other insurance related activities .....	82,688	81,729	80,741	78,999	78,722	77,415	1.2	1.2	5.0	5.6	164,417	156,137	5.3
<b>53</b>	<b>Real estate and rental and leasing</b> .....	<b>166,468</b>	<b>152,130</b>	<b>158,912</b>	<b>159,300</b>	<b>154,770</b>	<b>138,784</b>	<b>9.4</b>	<b>-4.3</b>	<b>7.6</b>	<b>9.6</b>	<b>318,598</b>	<b>293,554</b>	<b>8.5</b>
531	Real estate .....	116,623	106,122	109,193	109,992	106,680	93,913	9.9	-2.8	9.3	13.0	222,745	200,593	11.0
5311	Lessors of real estate.....	65,852	63,741	63,867	62,009	61,444	56,018	3.3	-0.2	7.2	13.8	129,593	117,462	10.3
5312	Offices of real estate agents and brokers.....	29,437	22,025	24,465	27,308	25,671	18,798	33.7	-10.0	14.7	17.2	51,462	44,469	15.7
5313	Activities related to real estate.....	21,334	20,356	20,861	20,675	19,565	19,097	4.8	-2.4	9.0	6.6	41,690	38,662	7.8
532	Rental and leasing services .....	38,783	35,785	38,011	38,728	37,523	35,320	8.4	-5.9	3.4	1.3	74,568	72,843	2.4
5321	Automotive equipment rental and leasing .....	14,505	12,968	13,601	14,728	13,892	12,947	11.9	-4.7	4.4	0.2	27,473	26,839	2.4
53211	Passenger car rental and leasing.....	9,772	8,681	9,075	9,911	9,304	8,724	12.6	-4.3	5.0	-0.5	18,453	18,028	2.4
53212	Truck, utility trailer, and RV (Recreational Vehicle) rental and leasing .....	4,733	4,287	4,526	4,817	4,588	4,223	10.4	-5.3	3.2	1.5	9,020	8,811	2.4
5322	Consumer goods rental .....	5,356	5,516	5,421	5,365	5,409	5,455	-2.9	1.8	-1.0	1.1	10,872	10,864	0.1
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 .....	18,171	16,716	18,288	17,870	17,441	16,397	8.7	-8.6	4.2	1.9	34,887	33,838	3.1
533	Lessors of nonfinancial intangible assets (except copyrighted works) .....	11,062	10,223	11,708	10,580	10,567	9,551	8.2	-12.7	4.7	7.0	21,285	20,118	5.8

**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](http://www.census.gov/services)]

2007 NAICS code <sup>1</sup>	Kind of business	Total revenue (millions of dollars)						Percent change				Year to date		
		2Q 2016 (p)	1Q 2016 (r)	4Q 2015	3Q 2015	2Q 2015	1Q 2015	2Q 2016 from 1Q 2016 (p)	1Q 2016 from 4Q 2015 (r)	2Q 2016 from 2Q 2015 (p)	1Q 2016 from 1Q 2015 (r)	2016 (p)	2015	2016 from 2015 (p)
<b>54</b>	<b>Professional, scientific, and technical services<sup>9</sup></b>	<b>434,429</b>	<b>418,115</b>	<b>423,808</b>	<b>413,073</b>	<b>412,470</b>	<b>395,266</b>	<b>3.9</b>	<b>-1.3</b>	<b>5.3</b>	<b>5.8</b>	<b>852,544</b>	<b>807,736</b>	<b>5.5</b>
5411	Legal services <sup>9</sup>	71,782	64,423	77,333	72,540	68,931	59,812	11.4	-16.7	4.1	7.7	136,205	128,743	5.8
5412	Accounting, tax preparation, bookkeeping, and payroll services	45,054	48,849	35,437	35,966	40,695	43,278	-7.8	37.8	10.7	12.9	93,903	83,973	11.8
5413	Architectural, engineering, and related services	67,987	66,324	67,168	67,052	68,185	67,331	2.5	-1.3	-0.3	-1.5	134,311	135,516	-0.9
5413 pt	Architectural and related services <sup>10</sup>	16,320	16,385	16,148	15,891	16,317	15,928	-0.4	1.5	Z	2.9	32,705	32,245	1.4
54133	Engineering services	51,667	49,939	51,020	51,161	51,868	51,403	3.5	-2.1	-0.4	-2.8	101,606	103,271	-1.6
5414	Specialized design services	4,941	5,222	5,048	5,209	5,180	4,963	-5.4	3.4	-4.6	5.2	10,163	10,143	0.2
5415	Computer systems design and related services	93,535	91,665	90,887	89,684	88,462	88,331	2.0	0.9	5.7	3.8	185,200	176,793	4.8
5416	Management, scientific, and technical consulting services	67,699	64,183	67,493	65,158	64,926	59,814	5.5	-4.9	4.3	7.3	131,882	124,740	5.7
5417	Scientific research and development services	35,305	33,170	35,258	32,376	32,364	31,026	6.4	-5.9	9.1	6.9	68,475	63,390	8.0
5418	Advertising, public relations, and related services	25,334	24,248	25,226	24,155	23,344	22,870	4.5	-3.9	8.5	6.0	49,582	46,214	7.3
5419	Other professional, scientific, and technical services	22,792	20,031	19,958	20,933	20,383	17,841	13.8	0.4	11.8	12.3	42,823	38,224	12.0
<b>56</b>	<b>Administrative and support and waste management and remediation services</b>	<b>215,629</b>	<b>204,073</b>	<b>207,431</b>	<b>207,067</b>	<b>203,544</b>	<b>194,758</b>	<b>5.7</b>	<b>-1.6</b>	<b>5.9</b>	<b>4.8</b>	<b>419,702</b>	<b>398,302</b>	<b>5.4</b>
561	Administrative and support services	194,174	184,461	186,877	185,941	182,647	175,792	5.3	-1.3	6.3	4.9	378,635	358,439	5.6
5613	Employment services	84,329	83,475	84,804	79,850	76,914	77,704	1.0	-1.6	9.6	7.4	167,804	154,618	8.5
5615	Travel arrangement and reservation services	9,965	9,751	9,357	10,126	10,361	9,416	2.2	4.2	-3.8	3.6	19,716	19,777	-0.3
561 pt	Other administrative and support services <sup>11</sup>	99,880	91,235	92,716	95,965	95,372	88,672	9.5	-1.6	4.7	2.9	191,115	184,044	3.8
562	Waste management and remediation services	21,455	19,612	20,554	21,126	20,897	18,966	9.4	-4.6	2.7	3.4	41,067	39,863	3.0
<b>61</b>	<b>Educational services<sup>12</sup></b>	<b>17,421</b>	<b>15,506</b>	<b>15,256</b>	<b>15,177</b>	<b>16,342</b>	<b>14,729</b>	<b>12.4</b>	<b>1.6</b>	<b>6.6</b>	<b>5.3</b>	<b>32,927</b>	<b>31,071</b>	<b>6.0</b>
6114	Business schools and computer and management training	3,151	2,957	2,922	2,967	2,858	2,760	6.6	1.2	10.3	7.1	6,108	5,618	8.7
6115	Technical and trade schools	3,519	3,489	3,503	3,386	3,473	3,376	0.9	-0.4	1.3	3.3	7,008	6,849	2.3
6116	Other schools and instruction	6,582	5,783	5,497	5,363	6,086	5,445	13.8	5.2	8.1	6.2	12,365	11,531	7.2
6117	Educational support services	4,169	3,277	3,334	3,461	3,925	3,148	27.2	-1.7	6.2	4.1	7,446	7,073	5.3
<b>62</b>	<b>Health care and social assistance</b>	<b>618,181</b>	<b>596,474</b>	<b>592,892</b>	<b>577,513</b>	<b>579,282</b>	<b>567,590</b>	<b>3.6</b>	<b>0.6</b>	<b>6.7</b>	<b>5.1</b>	<b>1,214,655</b>	<b>1,146,872</b>	<b>5.9</b>
621	Ambulatory health care services	244,303	235,877	236,894	232,808	227,650	219,731	3.6	-0.4	7.3	7.3	480,180	447,381	7.3
6211	Offices of physicians	119,552	114,368	117,095	114,318	110,627	106,467	4.5	-2.3	8.1	7.4	233,920	217,094	7.8
6212	Offices of dentists	S	S	S	S	S	S	S	S	S	S	S	S	S
6213	Offices of other health practitioners	S	19,702	19,770	19,521	19,064	18,537	S	-0.3	S	6.3	S	37,601	S
6214	Outpatient care centers	32,220	31,158	30,913	29,748	29,511	28,098	3.4	0.8	9.2	10.9	63,378	57,609	10.0
6215	Medical and diagnostic laboratories	13,144	12,635	12,738	12,570	12,799	12,229	4.0	-0.8	2.7	3.3	25,779	25,028	3.0
6216	Home health care services	19,998	19,244	19,883	19,291	18,728	17,995	3.9	-3.2	6.8	6.9	39,242	36,723	6.9
6219	Other ambulatory health care services	8,711	8,545	8,652	8,610	8,411	8,195	1.9	-1.2	3.6	4.3	17,256	16,606	3.9
622	Hospitals	271,980	262,631	255,789	249,636	255,076	252,840	3.6	2.7	6.6	3.9	534,611	507,916	5.3
6221	General medical and surgical hospitals	253,620	244,323	237,616	232,233	237,395	235,419	3.8	2.8	6.8	3.8	497,943	472,814	5.3
6222	Psychiatric and substance abuse hospitals	6,278	6,178	5,994	5,538	5,931	5,985	1.6	3.1	5.9	3.2	12,456	11,916	4.5
6223	Specialty (except psychiatric and substance abuse) hospitals	12,082	12,130	12,179	11,865	11,750	11,436	-0.4	-0.4	2.8	6.1	24,212	23,186	4.4
623	Nursing and residential care facilities	59,446	57,001	57,564	56,374	55,914	54,942	4.3	-1.0	6.3	3.7	116,447	110,856	5.0
624	Social assistance	42,452	40,965	42,645	38,695	40,642	40,077	3.6	-3.9	4.5	2.2	83,417	80,719	3.3
6241	Individual and family services	21,527	20,608	21,114	19,812	20,623	20,332	4.5	-2.4	4.4	1.4	42,135	40,955	2.9
6242	Community food and housing, and emergency and other relief services	8,037	7,723	9,150	7,281	7,703	7,478	4.1	-15.6	4.3	3.3	15,760	15,181	3.8
6243	Vocational rehabilitation services	3,229	3,202	3,150	3,110	3,303	3,235	0.8	1.7	-2.2	-1.0	6,431	6,538	-1.6
6244	Child day care services	9,659	9,432	9,231	8,492	9,013	9,032	2.4	2.2	7.2	4.4	19,091	18,045	5.8
<b>71</b>	<b>Arts, entertainment, and recreation</b>	<b>62,617</b>	<b>56,024</b>	<b>61,905</b>	<b>62,358</b>	<b>59,751</b>	<b>53,315</b>	<b>11.8</b>	<b>-9.5</b>	<b>4.8</b>	<b>5.1</b>	<b>118,641</b>	<b>113,066</b>	<b>4.9</b>
711	Performing arts, spectator sports, and related industries	27,168	23,786	30,177	27,997	25,596	22,259	14.2	-21.2	6.1	6.9	50,954	47,855	6.5
7111	Performing arts companies	4,104	3,349	4,191	3,995	3,911	3,490	22.5	-20.1	4.9	-4.0	7,453	7,401	0.7
7112	Spectator sports	10,015	8,242	12,295	10,976	9,305	7,624	21.5	-33.0	7.6	8.1	18,257	16,929	7.8
7113	Promoters of performing arts, sports, and similar events	6,318	5,192	6,077	6,668	5,968	5,187	21.7	-14.6	5.9	0.1	11,510	11,155	3.2
7114	Agents and managers for artists, athletes, entertainers, and other public figures	1,999	1,808	2,246	1,958	1,814	1,633	10.6	-19.5	10.2	10.7	3,807	3,447	10.4
7115	Independent artists, writers, and performers	4,732	5,195	5,368	4,400	4,598	4,325	-8.9	-3.2	2.9	20.1	9,927	8,923	11.3
712	Museums, historical sites, and similar institutions	4,349	3,394	4,397	4,098	4,481	3,269	28.1	-22.8	-2.9	3.8	7,743	7,750	-0.1
713	Amusement, gambling, and recreation industries	31,100	28,844	27,331	30,263	29,674	27,787	7.8	5.5	4.8	3.8	59,944	57,461	4.3
7131	Amusement parks and arcades	5,026	3,519	3,976	5,949	4,646	3,338	42.8	-11.5	8.2	5.4	8,545	7,984	7.0
7132	Gambling industries	7,495	7,793	7,190	7,032	7,254	7,313	-3.8	8.4	3.3	6.6	15,288	14,567	4.9
7139	Other amusement and recreation industries	18,579	17,532	16,165	17,282	17,774	17,136	6.0	8.5	4.5	2.3	36,111	34,910	3.4
<b>72</b>	<b>Accommodation</b>	<b>61,317</b>	<b>53,854</b>	<b>54,505</b>	<b>60,563</b>	<b>58,405</b>	<b>53,148</b>	<b>13.9</b>	<b>-1.2</b>	<b>5.0</b>	<b>1.3</b>	<b>115,171</b>	<b>111,553</b>	<b>3.2</b>
7211	Traveler accommodation	59,344	52,484	53,353	58,386	56,537	51,765	13.1	-1.6	5.0	1.4	111,828	108,302	3.3
7212	RV (recreational vehicle) parks and recreational camps	1,677	1,012	797	1,747	1,554	997	65.7	27.0	7.9	1.5	2,689	2,551	5.4
7213	Rooming and boarding houses	296	358	355	430	314	386	-17.3	0.8	-5.7	-7.3	654	700	-6.6
<b>81</b>	<b>Other services (except public administration)<sup>13</sup></b>	<b>126,249</b>	<b>120,191</b>	<b>130,325</b>	<b>117,139</b>	<b>121,789</b>	<b>117,000</b>	<b>5.0</b>	<b>-7.8</b>	<b>3.7</b>	<b>2.7</b>	<b>246,440</b>	<b>238,789</b>	<b>3.2</b>
811	Repair and maintenance	42,476	40,719	40,514	41,700	42,780	39,495	4.3	0.5	-0.7	3.1	83,195	82,275	1.1
8111	Automotive repair and maintenance	27,741	27,253	26,288	27,024	27,542	25,930	1.8	3.7	0.7	5.1	54,994	53,472	2.8
8112	Electronic and precision equipment repair and maintenance	4,178	3,763	4,042	4,073	4,090	4,036	11.0	-6.9	2.2	-6.8	7,941	8,126	-2.3
8113	Commercial and industrial machinery and equipment (except automotive and electronic) repair and maintenance	8,208	7,993	8,310	8,511	8,847	7,848	2.7	-3.8	-7.2	1.8	16,201	16,695	-3.0
8114	Personal and household goods repair and maintenance	2,349	1,710	1,874	2,092	2,301	1,681	37.4	-8.8	2.1	1.7	4,059	3,982	1.9
812	Personal and laundry services	27,756	26,781	26,610	25,561	25,780	24,268	3.6	0.6	7.7	10.4	54,537	50,048	9.0
8121	Personal care services	10,026	9,435	8,913	8,936	9,078	8,343	6.3	5.9	10.3	13.1	19,461	17,421	11.7
8122	Death care services	4,450	4,657	4,502	4,227	4,518	4,440	-4.4	3.4	-1.5	4.9	9,107	8,958	1.7
8123	Drycleaning and laundry services	7,019	6,822	6,770	6,640	6,604	6,309	2.9	0.8	6.3	8.1	13,841	12,913	7.2
8129	Other personal services	6,261	5,867	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](http://www.census.gov/services)]

2007 NAICS code <sup>1</sup>	Kind of business	Total revenue (millions of dollars)						Percent change				Year to date		
		2Q 2016 (p)	1Q 2016 (r)	4Q 2015	3Q 2015	2Q 2015	1Q 2015	2Q 2016 from 1Q 2016 (p)	1Q 2016 from 4Q 2015 (r)	2Q 2016 from 2Q 2015 (p)	1Q 2016 from 1Q 2015 (r)	2016 (p)	2015	2016 from 2015 (p)
813	Religious, grantmaking, civic, professional, and similar organizations <sup>14</sup>	56,017	52,691	63,201	49,878	53,229	53,237	6.3	-16.6	5.2	-1.0	108,708	106,466	2.1

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

S Estimate does not meet publication standards because of high sampling variability (coefficient of variation is greater than 30%) or poor response quality (total quantity response rate is less than 50%). 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](http://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/](http://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](http://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		
		2Q		1Q		2Q		1Q 2016		1Q 2016		Coefficient of variation		Standard error
		2016 (p)	2016 (r)	2015	2015	2015	2015	from 1Q 2016 (p)	from 4Q 2015 (r)	from 2Q 2015 (p)	from 1Q 2015 (r)	2016 (p)	2015	2016 from 2015 (p)
	<b>Selected Services Total</b> .....	<b>1.4</b>	<b>1.5</b>	<b>1.5</b>	<b>1.5</b>	<b>1.4</b>	<b>1.5</b>	<b>0.2</b>	<b>0.2</b>	<b>0.4</b>	<b>0.3</b>	<b>1.4</b>	<b>1.5</b>	<b>0.3</b>
<b>22</b>	<b>Utilities</b> .....	<b>4.5</b>	<b>3.7</b>	<b>3.9</b>	<b>4.2</b>	<b>4.3</b>	<b>3.4</b>	<b>1.2</b>	<b>0.5</b>	<b>0.7</b>	<b>1.3</b>	<b>4.0</b>	<b>3.7</b>	<b>0.9</b>
2211	Electric power generation, transmission and distribution .....	5.3	4.5	4.4	4.7	5.0	4.1	1.5	0.8	0.8	1.7	4.8	4.4	1.2
2212	Natural gas distribution .....	3.0	2.6	2.6	4.0	3.6	2.7	1.1	1.7	1.5	0.6	2.6	2.7	0.8
2213	Water, sewage and other systems .....	6.8	7.6	6.4	7.5	7.2	8.0	1.4	2.9	2.8	1.6	7.2	7.6	2.2
<b>48-49</b>	<b>Transportation and warehousing</b> .....	<b>2.5</b>	<b>2.7</b>	<b>2.5</b>	<b>2.9</b>	<b>2.7</b>	<b>2.9</b>	<b>0.5</b>	<b>0.5</b>	<b>0.8</b>	<b>0.8</b>	<b>2.6</b>	<b>2.8</b>	<b>0.7</b>
481	Air transportation .....	4.0	4.1	4.0	3.8	3.9	4.1	0.9	0.2	0.8	1.0	4.0	3.9	0.9
483	Water transportation .....	3.4	3.3	3.6	3.2	3.9	3.7	1.1	1.1	1.0	1.2	3.3	3.8	1.1
4831	Deep sea, coastal, and Great Lakes water transportation.....	4.3	4.3	4.6	4.0	5.1	4.8	1.4	1.4	1.3	1.5	4.3	4.9	1.3
4832	Inland water transportation.....	4.2	3.9	4.0	4.4	3.5	4.0	0.4	0.5	0.8	0.5	4.0	3.7	0.4
484	Truck transportation .....	7.5	8.3	7.8	8.6	8.8	9.0	1.0	0.9	1.5	2.1	7.9	8.9	1.7
4841	General freight trucking .....	11.2	11.9	11.2	12.1	12.7	13.3	0.8	1.3	1.9	3.2	11.6	12.9	2.4
48412	General freight trucking, long-distance .....	12.1	13.2	12.1	13.4	14.0	14.5	1.1	1.8	2.2	4.1	12.6	14.3	3.0
4842	Specialized freight trucking .....	3.6	3.6	4.0	3.4	3.3	3.5	1.4	0.5	2.2	2.2	3.5	3.4	2.1
485	Transit and ground passenger transportation .....	6.5	5.9	5.7	3.9	5.2	4.6	3.4	1.4	2.3	1.9	6.0	4.9	1.7
486	Pipeline transportation .....	6.0	6.2	6.4	6.7	6.7	6.5	1.1	0.3	0.9	0.8	6.1	6.6	0.7
487	Scenic and sightseeing transportation .....	10.5	8.2	8.0	7.6	6.9	6.8	15.6	2.9	6.8	5.8	9.1	6.1	5.5
488	Support activities for transportation .....	6.2	5.9	4.7	5.1	5.9	5.1	0.7	1.9	2.1	1.7	6.0	5.5	1.8
492	Couriers and messengers .....	1.7	1.7	1.9	1.5	1.7	2.4	0.2	0.4	2.1	2.9	1.7	2.0	2.5
493	Warehousing and storage .....	5.7	6.0	4.5	5.9	5.8	5.8	1.3	2.3	1.6	1.8	5.8	5.8	1.3
<b>51</b>	<b>Information</b> .....	<b>2.0</b>	<b>2.1</b>	<b>2.0</b>	<b>2.1</b>	<b>2.1</b>	<b>2.0</b>	<b>0.4</b>	<b>0.2</b>	<b>0.4</b>	<b>0.3</b>	<b>2.1</b>	<b>2.1</b>	<b>0.3</b>
511	Publishing industries (except Internet) .....	5.2	5.3	4.8	4.3	5.4	4.6	0.6	0.9	0.9	1.0	5.2	5.0	0.8
51111	Newspaper publishers .....	5.5	5.5	5.5	6.2	6.0	6.3	0.3	0.5	1.5	1.9	5.5	6.2	1.7
51112	Periodical publishers .....	5.3	4.6	5.0	4.0	4.5	4.4	3.9	1.8	3.4	3.2	4.6	4.3	3.2
5111 pt	Book, directory and mailing list, and other publishers .....	5.5	4.7	3.9	3.3	5.6	4.7	5.3	1.0	0.5	1.1	4.6	4.8	0.5
5112	Software publishers .....	6.6	7.0	6.3	5.6	7.0	6.2	0.8	1.3	1.3	1.4	6.8	6.6	1.2
512	Motion picture and sound recording industries .....	3.9	5.6	4.2	3.7	3.4	2.8	2.3	3.0	0.8	4.2	4.6	3.1	2.4
515	Broadcasting (except Internet) .....	1.9	1.9	2.2	1.6	1.8	1.7	0.2	0.5	0.7	0.5	1.9	1.7	0.6
5151	Radio and television broadcasting .....	3.3	3.2	3.7	2.7	3.1	2.9	0.3	0.7	1.5	1.1	3.2	3.0	1.3
5152	Cable and other subscription programming .....	1.2	1.3	1.2	1.3	1.2	1.1	0.2	0.5	0.4	0.2	1.2	1.2	0.3
517	Telecommunications .....	2.0	2.0	1.9	2.0	2.1	2.1	0.2	0.3	0.2	0.2	2.0	2.1	0.2
5171	Wired telecommunications carriers .....	3.6	3.8	3.5	3.7	3.8	3.9	0.1	0.4	0.3	0.3	3.7	3.9	0.2
5172	Wireless telecommunications carriers (except satellite) .....	2.8	2.8	2.7	2.9	2.8	2.6	0.4	0.1	0.5	0.4	2.8	2.7	0.4
517 pt	Other telecommunications .....	3.6	3.0	2.9	3.3	3.3	2.9	1.0	0.5	0.9	0.5	3.3	3.1	0.6
518	Data processing, hosting, and related services .....	7.9	7.5	7.0	7.1	7.2	6.9	0.7	0.7	1.5	1.3	7.7	7.1	1.4
519	Other information services.....	3.8	4.8	3.9	4.1	3.8	5.1	1.5	1.1	1.8	1.2	4.2	4.4	1.4
<b>52</b>	<b>Finance and insurance</b> .....	<b>5.2</b>	<b>4.8</b>	<b>4.8</b>	<b>4.6</b>	<b>4.2</b>	<b>4.3</b>	<b>0.9</b>	<b>0.8</b>	<b>1.2</b>	<b>0.7</b>	<b>5.0</b>	<b>4.2</b>	<b>0.8</b>
52 pt	Finance and insurance (except monetary authorities-central bank) .....	5.3	4.9	4.9	4.7	4.3	4.5	0.9	0.8	1.2	0.7	5.1	4.4	0.9
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.....	4.9	4.7	4.8	4.4	4.6	4.5	0.3	0.5	0.4	0.6	4.8	4.6	0.5
5221	Depository credit intermediation.....	8.8	8.8	9.3	8.4	8.7	8.5	0.4	0.6	0.9	1.4	8.8	8.6	1.0
5222	Nondepository credit intermediation.....	4.6	3.7	3.5	3.4	3.6	3.5	0.9	0.7	1.1	0.6	4.2	3.5	0.8
5223	Activities related to credit intermediation.....	2.3	2.2	2.2	2.4	2.3	2.3	0.7	0.5	0.6	1.2	2.2	2.2	0.8
523	Securities, commodity contracts, and other financial investments and related activities .....	3.9	3.6	4.1	3.4	4.0	4.2	1.0	1.6	2.0	1.7	3.7	4.0	1.6
5231	Securities and commodity contracts intermediation and brokerage .....	6.6	6.0	7.2	6.5	6.2	6.0	1.3	1.4	1.4	1.0	6.3	6.0	0.6
5232	Securities and commodity exchanges .....	Z	Z	Z	Z	Z	Z	Z	Z	Z	Z	Z	Z	Z
5239	Other financial investment activities .....	3.5	3.2	4.9	3.7	5.1	5.2	1.5	2.6	3.3	2.5	3.2	5.1	2.7
524	Insurance carriers and related activities .....	7.7	7.0	6.7	6.7	6.1	6.2	1.5	1.4	1.7	0.9	7.3	6.1	1.2
5241	Insurance carriers .....	8.9	8.0	7.9	7.9	7.1	7.1	1.8	1.8	2.0	1.1	8.4	7.0	1.5
5242	Agencies, brokerages, and other insurance related activities .....	5.2	6.0	5.6	5.8	5.0	5.5	1.9	1.9	1.0	1.4	5.5	5.2	0.5
<b>53</b>	<b>Real estate and rental and leasing</b> .....	<b>4.8</b>	<b>4.5</b>	<b>4.4</b>	<b>5.2</b>	<b>4.8</b>	<b>4.2</b>	<b>0.9</b>	<b>0.4</b>	<b>1.0</b>	<b>1.1</b>	<b>6.4</b>	<b>4.5</b>	<b>0.7</b>
531	Real estate .....	6.6	6.2	6.2	7.1	6.8	6.5	1.1	0.6	1.2	1.8	6.4	6.6	1.1
5311	Lessors of real estate.....	9.0	8.4	8.8	9.6	9.2	8.1	1.0	0.8	1.9	1.4	8.7	8.6	1.3
5312	Offices of real estate agents and brokers.....	8.6	8.5	7.8	7.3	8.6	8.4	2.7	1.4	1.8	2.9	8.4	8.5	1.6
5313	Activities related to real estate.....	6.8	6.5	5.8	8.3	7.5	8.1	0.9	1.9	1.2	2.8	6.6	7.8	1.9
532	Rental and leasing services .....	4.2	4.0	4.3	4.0	3.9	3.7	1.4	0.8	1.1	1.4	4.0	3.7	1.2
5321	Automotive equipment rental and leasing .....	3.6	2.9	2.7	2.5	2.6	2.6	1.1	0.9	1.1	0.4	3.2	2.6	0.8
53211	Passenger car rental and leasing.....	3.1	2.3	2.2	1.9	2.3	2.6	1.0	0.3	1.2	0.5	2.7	2.4	0.7
53212	Truck, utility trailer, and RV (Recreational Vehicle) rental and leasing .....	5.5	5.1	5.2	5.0	4.1	4.2	1.5	2.5	2.6	2.1	5.3	4.1	2.3
5322	Consumer goods rental .....	10.2	8.9	11.3	13.4	10.3	8.5	1.3	2.1	1.6	1.9	9.5	9.3	1.2
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 .....	6.3	5.5	6.3	5.7	5.9	6.0	2.9	1.4	2.5	2.8	5.8	5.7	2.5
533	Lessors of nonfinancial intangible assets (except copyrighted works) .....	7.5	7.4	6.9	7.8	8.2	8.4	0.7	0.9	0.9	1.5	7.4	8.3	1.1

**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				
		2Q 2016 (p)		1Q 2016 (r)		4Q 2015		3Q 2015		2Q 2015		1Q 2015		Coefficient of variation		Standard error
		2016 (p)	2016 (r)	2015	2015	2015	2015	2016 from 1Q 2016 (p)	2016 from 4Q 2015 (r)	2016 from 2Q 2015 (p)	2016 from 1Q 2015 (r)	2016 (p)	2015	2016 from 2015 (p)		
<b>54</b>	<b>Professional, scientific, and technical services .....</b>	<b>2.3</b>	<b>2.1</b>	<b>2.1</b>	<b>2.1</b>	<b>2.1</b>	<b>2.1</b>	<b>0.7</b>	<b>0.4</b>	<b>1.6</b>	<b>0.8</b>	<b>2.2</b>	<b>2.1</b>	<b>1.2</b>		
5411	Legal services .....	2.2	2.5	3.4	3.7	3.2	2.6	1.4	1.0	3.0	1.8	2.3	2.8	2.1		
5412	Accounting, tax preparation, bookkeeping, and payroll services .....	4.0	3.6	4.4	4.1	3.0	2.2	1.5	3.0	1.8	1.9	3.7	2.5	1.6		
5413	Architectural, engineering, and related services .....	4.6	4.1	4.5	4.5	5.4	4.7	2.4	2.3	2.8	2.0	4.2	4.9	2.3		
5413 pt	Architectural and related services .....	8.2	8.7	9.2	8.2	8.1	9.0	2.7	3.4	4.0	2.0	8.3	8.4	2.8		
54133	Engineering services .....	5.1	4.9	5.1	5.6	6.0	5.3	2.8	2.4	2.6	2.4	4.8	5.4	2.4		
5414	Specialized design services .....	3.0	5.6	6.1	6.4	5.1	4.5	4.2	2.9	4.1	4.2	4.2	4.7	3.5		
5415	Computer systems design and related services .....	7.2	7.4	7.4	7.3	7.3	7.5	1.5	1.2	2.4	1.8	7.2	7.3	2.0		
5416	Management, scientific, and technical consulting services .....	5.2	5.2	5.4	5.0	5.7	5.8	1.0	1.0	2.1	1.7	5.2	5.6	1.5		
5417	Scientific research and development services .....	5.8	7.1	6.4	5.3	5.7	5.5	2.0	2.3	3.1	3.9	6.4	5.5	3.1		
5418	Advertising, public relations, and related services .....	3.1	3.0	4.0	4.3	4.0	4.5	1.2	1.5	1.7	2.2	3.0	4.2	1.7		
5419	Other professional, scientific, and technical services .....	10.2	10.1	11.0	11.6	9.9	10.8	2.2	1.6	7.2	6.4	10.1	10.3	6.7		
<b>56</b>	<b>Administrative and support and waste management and remediation services .....</b>	<b>1.6</b>	<b>1.9</b>	<b>1.8</b>	<b>1.4</b>	<b>1.9</b>	<b>2.1</b>	<b>0.4</b>	<b>1.0</b>	<b>1.3</b>	<b>2.1</b>	<b>1.7</b>	<b>1.9</b>	<b>1.7</b>		
561	Administrative and support services .....	1.7	2.1	2.0	2.1	2.5	2.8	0.4	1.1	1.7	2.5	1.9	2.6	2.1		
5613	Employment services .....	4.5	4.3	4.6	3.5	3.8	2.1	0.8	1.7	2.3	3.2	4.4	2.9	2.6		
5615	Travel arrangement and reservation services .....	6.2	8.2	6.5	6.5	7.4	8.1	3.0	3.9	3.3	6.0	7.1	7.6	4.2		
561 pt	Other administrative and support services .....	3.6	3.8	3.7	3.8	4.5	4.5	0.6	1.2	1.9	2.3	3.7	4.5	2.0		
562	Waste management and remediation services .....	7.7	8.2	9.2	8.8	8.5	9.3	1.0	1.5	1.3	1.9	7.9	8.9	1.4		
<b>61</b>	<b>Educational services .....</b>	<b>4.4</b>	<b>5.0</b>	<b>3.8</b>	<b>4.9</b>	<b>3.8</b>	<b>4.8</b>	<b>2.3</b>	<b>1.6</b>	<b>1.8</b>	<b>2.0</b>	<b>4.6</b>	<b>4.2</b>	<b>1.7</b>		
6114	Business schools and computer and management training .....	11.3	11.7	11.6	10.4	9.5	9.7	2.9	3.5	4.2	3.6	11.4	9.5	3.5		
6115	Technical and trade schools .....	12.4	12.6	11.7	13.7	13.1	12.5	1.6	3.2	4.6	2.7	12.5	12.8	3.1		
6116	Other schools and instruction .....	6.5	7.1	7.5	9.0	6.4	8.3	2.0	4.1	3.5	4.7	6.8	7.3	3.7		
6117	Educational support services .....	3.6	3.8	3.4	7.6	3.5	3.6	4.8	3.3	2.3	3.3	3.3	3.0	2.5		
<b>62</b>	<b>Health care and social assistance .....</b>	<b>2.2</b>	<b>2.0</b>	<b>1.6</b>	<b>1.5</b>	<b>1.4</b>	<b>1.8</b>	<b>0.7</b>	<b>0.9</b>	<b>1.1</b>	<b>0.8</b>	<b>2.1</b>	<b>1.6</b>	<b>0.9</b>		
621	Ambulatory health care services .....	2.1	2.0	1.7	1.9	1.7	1.8	0.4	0.5	1.2	0.9	2.0	1.7	1.0		
6211	Offices of physicians .....	5.5	5.4	4.8	4.9	4.9	4.9	1.0	1.2	2.3	1.9	5.5	4.9	2.0		
6212	Offices of dentists .....	S	S	S	S	S	S	S	S	S	S	S	S	S		
6213	Offices of other health practitioners .....	S	4.4	4.3	4.5	4.9	4.5	S	0.8	S	1.4	S	4.6	S		
6214	Outpatient care centers .....	3.2	3.5	2.9	3.3	3.2	2.9	0.6	1.1	0.9	2.0	3.4	3.0	1.3		
6215	Medical and diagnostic laboratories .....	4.0	3.7	4.1	3.8	4.5	4.3	0.5	0.8	1.5	1.5	3.9	4.4	1.5		
6216	Home health care services .....	3.7	4.4	4.3	4.6	4.8	4.7	1.0	1.0	1.9	3.0	4.0	4.7	2.2		
6219	Other ambulatory health care services .....	5.8	5.9	5.7	5.8	5.7	5.5	0.4	1.1	1.6	1.6	5.9	5.6	1.5		
622	Hospitals .....	4.0	3.7	3.3	2.9	3.1	3.4	1.4	1.7	1.8	1.5	3.8	3.2	1.3		
6221	General medical and surgical hospitals .....	4.4	4.0	3.5	3.2	3.4	3.7	1.5	1.8	2.0	1.6	4.1	3.5	1.3		
6222	Psychiatric and substance abuse hospitals .....	9.4	9.0	8.9	9.5	8.7	8.7	1.5	2.0	1.1	1.3	9.2	8.7	1.1		
6223	Specialty (except psychiatric and substance abuse) hospitals .....	7.6	7.6	7.4	7.2	7.2	7.2	0.5	0.5	1.2	1.6	7.6	7.2	1.4		
623	Nursing and residential care facilities .....	4.4	4.6	4.8	5.1	4.8	4.6	0.6	0.8	1.1	0.9	4.5	4.7	0.9		
624	Social assistance .....	2.0	2.6	2.4	2.5	2.0	3.3	1.3	1.0	0.8	1.6	2.3	2.5	1.1		
6241	Individual and family services .....	1.9	2.5	2.5	2.4	1.9	3.0	1.9	1.6	1.0	2.0	2.0	2.0	1.4		
6242	Community food and housing, and emergency and other relief services .....	4.2	4.9	4.0	4.5	4.4	4.7	2.7	2.4	1.3	2.6	4.4	4.3	1.7		
6243	Vocational rehabilitation services .....	9.1	10.1	9.8	8.7	8.6	10.7	2.9	1.3	2.3	2.8	9.4	9.5	2.3		
6244	Child day care services .....	6.1	6.4	6.2	7.7	6.5	7.7	1.7	2.5	2.9	3.0	6.2	7.0	2.8		
<b>71</b>	<b>Arts, entertainment, and recreation .....</b>	<b>3.0</b>	<b>2.8</b>	<b>3.1</b>	<b>2.3</b>	<b>2.6</b>	<b>2.5</b>	<b>1.8</b>	<b>1.2</b>	<b>1.2</b>	<b>1.5</b>	<b>2.8</b>	<b>2.4</b>	<b>1.2</b>		
711	Performing arts, spectator sports, and related industries .....	5.6	4.6	6.2	2.9	4.9	3.8	3.0	2.0	2.6	2.1	5.0	4.0	2.2		
7111	Performing arts companies .....	8.0	6.1	8.3	9.5	8.6	7.7	3.0	3.7	4.1	4.0	7.1	8.0	3.8		
7112	Spectator sports .....	12.0	11.4	8.6	6.4	10.9	10.5	11.8	5.0	2.3	3.6	10.9	9.8	2.5		
7113	Promoters of performing arts, sports, and similar events .....	4.1	7.0	3.8	2.2	5.3	8.4	8.2	5.7	2.8	3.5	4.7	6.4	2.5		
7114	Agents and managers for artists, athletes, entertainers, and other public figures .....	12.5	11.9	13.5	12.2	12.2	12.3	4.1	3.7	6.1	6.8	12.1	12.2	5.9		
7115	Independent artists, writers, and performers .....	19.4	12.6	16.6	10.9	11.5	9.7	7.6	5.2	12.0	12.7	15.2	9.9	11.1		
712	Museums, historical sites, and similar institutions .....	3.7	5.0	3.1	5.7	4.1	4.7	3.0	3.4	1.6	1.6	4.2	4.2	1.2		
713	Amusement, gambling, and recreation industries .....	4.3	5.0	4.5	4.1	4.3	4.9	2.4	0.7	1.5	1.9	4.6	4.5	1.6		
7131	Amusement parks and arcades .....	4.0	4.8	3.8	4.8	4.0	4.4	4.0	1.3	3.2	4.5	4.1	4.0	3.7		
7132	Gambling industries .....	11.5	11.6	11.3	11.3	11.4	11.3	0.7	1.3	1.8	1.7	11.5	11.3	1.7		
7139	Other amusement and recreation industries .....	6.5	6.4	6.3	6.4	6.3	7.2	3.4	1.2	3.4	3.7	6.2	6.6	3.4		
<b>721</b>	<b>Accommodation .....</b>	<b>3.6</b>	<b>2.7</b>	<b>3.2</b>	<b>3.3</b>	<b>3.0</b>	<b>2.7</b>	<b>1.6</b>	<b>0.9</b>	<b>0.9</b>	<b>0.7</b>	<b>3.1</b>	<b>2.8</b>	<b>0.5</b>		
7211	Traveler accommodation .....	3.6	2.7	3.2	3.2	3.0	2.7	1.5	0.9	0.9	0.8	3.1	2.8	0.6		
7212	RV (recreational vehicle) parks and recreational camps .....	5.7	1.9	4.1	6.3	5.4	2.4	10.1	4.8	3.3	2.4	3.6	3.8	2.3		
7213	Rooming and boarding houses .....	21.0	16.8	23.1	25.0	20.8	17.9	5.0	7.1	4.2	2.9	18.5	19.0	3.1		

**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				
		2Q 2016 (p)		1Q 2016 (r)		4Q 2015		3Q 2015		2Q 2015		1Q 2015		Coefficient of variation		Standard error
		2Q 2016 (p)	1Q 2016 (r)	4Q 2015	3Q 2015	2Q 2015	1Q 2015	2Q 2016 from 1Q 2016 (p)	1Q 2016 from 4Q 2015 (r)	2Q 2016 from 2Q 2015 (p)	1Q 2016 from 1Q 2015 (r)	2016 (p)	2015	2016 from 2015 (p)		
81	Other services (except public administration) .....	2.4	2.7	2.5	2.4	1.8	2.2	2.6	1.6	1.6	1.1	2.2	1.8	1.2		
811	Repair and maintenance .....	4.0	3.9	4.1	3.6	4.0	4.9	1.0	1.3	1.1	2.1	3.9	4.4	1.4		
8111	Automotive repair and maintenance .....	6.2	5.1	6.3	4.8	4.9	5.9	2.0	2.4	2.1	3.1	5.6	5.3	2.2		
8112	Electronic and precision equipment repair and maintenance .....	17.0	14.3	14.4	15.1	14.6	12.2	2.8	0.9	3.4	3.3	15.7	13.3	3.1		
8113	Commercial and industrial machinery and equipment (except automotive and electronic) repair and maintenance .....	8.6	10.0	10.2	8.5	8.8	8.3	3.0	5.0	2.8	3.3	9.3	8.5	2.0		
8114	Personal and household goods repair and maintenance .....	16.2	13.7	12.6	13.9	14.7	12.7	5.3	5.3	6.4	6.0	15.0	13.8	5.9		
812	Personal and laundry services.....	4.5	4.6	3.6	4.1	3.9	3.6	1.4	1.5	2.3	1.7	4.5	3.7	1.8		
8121	Personal care services.....	9.7	9.1	8.1	8.1	7.2	7.6	2.2	2.5	4.7	3.3	9.4	7.4	3.6		
8122	Death care services.....	8.4	9.7	9.7	8.9	8.6	7.5	2.2	3.0	2.1	4.7	9.0	7.9	3.1		
8123	Drycleaning and laundry services.....	9.5	9.4	8.8	8.6	8.5	8.0	0.5	4.6	5.4	5.2	9.4	8.3	5.3		
8129	Other personal services.....	7.5	6.8	7.7	7.6	6.6	6.6	2.0	1.9	4.5	3.7	7.1	6.5	3.6		
813	Religious, grantmaking, civic, professional, and similar organizations .....	4.7	3.0	3.0	3.7	3.1	3.0	5.6	2.6	2.5	2.2	2.9	2.4	1.7		

(p) Preliminary estimate. (r) Revised 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 or poor response 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](http://www.census.gov/services/qss/cv.html).

### Survey Description

The U.S. Census Bureau conducts the Quarterly Services Survey (QSS) 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 (SAS) 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	25
51	Information	16
52	Finance and insurance	13
53	Real estate and rental and leasing	31
54	Professional, scientific, and technical services	37
56	Administrative and support and waste management and remediation services	39
61	Educational services	40
62	Health care and social assistance	34
71	Arts, entertainment, and recreation	30
721	Accommodation	30
81	Other services (except public administration)	38

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 <http://www.census.gov/services/index.html>.

### 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 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 <http://www.census.gov/services/qss/qssseasfactors.xls>. A list of "Frequently Asked Questions" on seasonal adjustment of QSS estimates is available at [http://www.census.gov/services/qss/seasonally\\_adjusted\\_faqs.html](http://www.census.gov/services/qss/seasonally_adjusted_faqs.html).

### 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 (CV). 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  $\pm 1.5$  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.