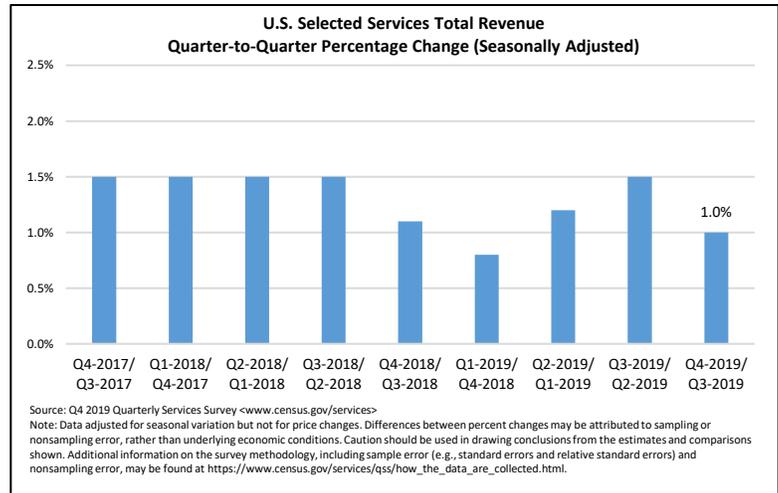


**QUARTERLY SELECTED SERVICES ESTIMATES, FOURTH QUARTER 2019 – ADVANCE REPORT**

Release Number: CB20-27

**February 19, 2020** — The U.S. Census Bureau announced the following selected services estimates for the fourth calendar quarter of 2019:

|  <b>SELECTED SERVICES<br/>TOTAL REVENUE – ADVANCE REPORT</b>               |                          |               |
|--|--------------------------|---------------|
| <b>4Q 2019</b>   | <b>\$4,129.2 billion</b> | <b>+1.0 %</b> |
| <b>3Q 2019 (revised)</b>   | <b>\$4,086.4 billion</b> | <b>+1.5 %</b> |
| <b>Next release: March 12, 2020</b>  |                          |               |
| <small>Data are adjusted for seasonal variation but not for price changes Source: U.S. Census Bureau, Quarterly Services Survey, February 19, 2020</small> |                          |               |



**Selected Services Total**

Advance U.S. selected services total revenue for the fourth quarter of 2019, adjusted for seasonal variation but not for price changes, was \$4,129.2 billion, an increase of 1.0 percent (± 0.4 percent) from the third quarter of 2019 and up 4.7 percent (± 0.6 percent) from the fourth quarter of 2018. The second quarter of 2019 to the third quarter of 2019 percentage change was not revised from the preliminary estimate of 1.5 percent (±0.2 percent).

**Utilities**

Advance U.S. utilities total revenue for the fourth quarter of 2019, not adjusted for seasonal variation or price changes, was \$151.0 billion, a decrease of 5.0 percent (± 1.3 percent) from the third quarter of 2019 and up 2.0 percent (± 1.9 percent) from the fourth quarter of 2018. The second quarter of 2019 to third quarter of 2019 percentage change was revised from the preliminary estimate of 16.6 percent (± 2.3 percent) to 16.5 percent (± 2.3 percent).

**Transportation and warehousing**

Advance U.S. transportation and warehousing revenue for the fourth quarter of 2019, not adjusted for seasonal variation or price changes, was \$253.0 billion, a decrease of 1.6 percent (± 0.8 percent) from the third quarter of 2019 and down 1.1 percent (± 1.7 percent)\* from the fourth quarter of 2018. The second quarter of 2019 to third quarter of 2019 percentage change was revised from the preliminary estimate of

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0.1 percent ( $\pm 0.6$  percent)\* to 0.4 percent ( $\pm 0.6$  percent)\*.

### **Information**

Advance U.S. information sector revenue for the fourth quarter of 2019, not adjusted for seasonal variation or price changes, was \$460.6 billion, an increase of 7.3 percent ( $\pm 0.4$  percent) from the third quarter of 2019 and up 5.7 percent ( $\pm 0.9$  percent) from the fourth quarter of 2018. The second quarter of 2019 to third quarter of 2019 percentage change was revised from the preliminary estimate of 1.0 percent ( $\pm 0.6$  percent) to 1.1 percent ( $\pm 0.6$  percent).

### **Finance and insurance**

Advance U.S. finance and insurance revenue for the fourth quarter of 2019, not adjusted for seasonal variation or price changes, was \$1,269.8 billion, an increase of 0.1 percent ( $\pm 0.4$  percent)\* from the third quarter of 2019 and up 3.9 percent ( $\pm 1.1$  percent) from the fourth quarter of 2018. The second quarter of 2019 to third quarter of 2019 percentage change was revised from the preliminary estimate of 1.6 percent ( $\pm 0.4$  percent) to 1.7 percent ( $\pm 0.4$  percent).

### **Real estate and rental and leasing**

Advance U.S. real estate and rental and leasing revenue for the fourth quarter of 2019, not adjusted for seasonal variation or price changes, was \$194.8 billion, a decrease of 1.5 percent ( $\pm 1.3$  percent) from the third quarter of 2019 and up 5.1 percent ( $\pm 1.3$  percent) from the fourth quarter of 2018. The second quarter of 2019 to third quarter of 2019 percentage change was revised from the preliminary estimate of 3.8 percent ( $\pm 1.1$  percent) to 4.1 percent ( $\pm 1.1$  percent).

### **Professional, scientific, and technical services**

Advance U.S. professional, scientific, and technical services revenue for the fourth quarter of 2019, not adjusted for seasonal variation or price changes, was \$516.7 billion, an increase of 2.2 percent ( $\pm 1.7$  percent) from the third quarter of 2019 and up 4.7 percent ( $\pm 1.3$  percent) from the fourth quarter of 2018. The second quarter of 2019 to third quarter of 2019 percentage change was revised from the preliminary estimate of 1.1 percent ( $\pm 0.9$  percent) to 1.0 percent ( $\pm 0.9$  percent).

### **Administrative and support and waste management and remediation services**

Advance U.S. administrative and support and waste management and remediation services revenue for the fourth quarter of 2019, not adjusted for seasonal variation or price changes, was \$277.4 billion, an increase of 3.7 percent ( $\pm 1.1$  percent) from the third quarter of 2019 and up 3.7 percent ( $\pm 2.1$  percent) from the fourth quarter of 2018. The second quarter of 2019 to third quarter of 2019 percentage change was revised from the preliminary estimate of 1.5 percent ( $\pm 0.9$  percent) to 2.3 percent ( $\pm 0.8$  percent).

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## **Educational services**

Advance U.S. educational services revenue for the fourth quarter of 2019, not adjusted for seasonal variation or price changes, was \$19.2 billion, an increase of 5.2 percent ( $\pm 3.0$  percent) from the third quarter of 2019 and up 6.9 percent ( $\pm 3.2$  percent) from the fourth quarter of 2018. The second quarter of 2019 to third quarter of 2019 percentage change was revised from the preliminary estimate of -2.0 percent ( $\pm 4.0$  percent)\* to -2.6 percent ( $\pm 4.4$  percent)\*.

## **Health care and social assistance**

Advance U.S. health care and social assistance revenue for the fourth quarter of 2019, not adjusted for seasonal variation or price changes, was \$718.2 billion, an increase of 3.9 percent ( $\pm 0.8$  percent) from the third quarter of 2019 and up 5.8 percent ( $\pm 1.1$  percent) from the fourth quarter of 2018. The second quarter of 2019 to third quarter of 2019 percentage change was revised from the preliminary estimate of -0.7 percent ( $\pm 0.6$  percent) to -0.9 percent ( $\pm 0.6$  percent).

## **Arts, entertainment, and recreation**

Advance U.S. arts, entertainment, and recreation revenue for the fourth quarter of 2019, not adjusted for seasonal variation or price changes, was \$77.2 billion, a decrease of 3.3 percent ( $\pm 3.4$  percent)\* from the third quarter of 2019 and up 5.9 percent ( $\pm 1.7$  percent) from the fourth quarter of 2018. The second quarter of 2019 to third quarter of 2019 percentage change was revised from the preliminary estimate of 5.2 percent ( $\pm 1.9$  percent) to 5.5 percent ( $\pm 2.1$  percent).

## **Accommodation**

Advance U.S. accommodation revenue for the fourth quarter of 2019, not adjusted for seasonal variation or price changes, was \$64.4 billion, a decrease of 13.0 percent ( $\pm 1.5$  percent) from the third quarter of 2019 and up 0.2 percent ( $\pm 1.7$  percent)\* from the fourth quarter of 2018. The second quarter of 2019 to third quarter of 2019 percentage change was revised from the preliminary estimate of 2.9 percent ( $\pm 1.9$  percent) to 4.1 percent ( $\pm 2.1$  percent).

## **Other services (except public administration)**

Advance U.S. other services (except public administration) revenue for the fourth quarter of 2019, not adjusted for seasonal variation or price changes, was \$180.5 billion, an increase of 19.6 percent ( $\pm 2.3$  percent) from the third quarter of 2019 and up 17.3 percent ( $\pm 3.6$  percent) from the fourth quarter of 2018. The second quarter of 2019 to third quarter of 2019 percentage change was revised from the preliminary estimate of -0.3 percent ( $\pm 3.4$  percent)\* to -0.2 percent ( $\pm 3.4$  percent)\*.

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## GENERAL INFORMATION

### Notes

The Advance Quarterly Services Report contains current quarter not seasonally adjusted estimates of revenue for a subset of industries found in the Full Quarterly Services Report. In addition, prior quarter not seasonally adjusted estimates for all items and industry levels have been revised and are available here [<www.census.gov/econ/currentdata/>](http://www.census.gov/econ/currentdata/).

The Selected Services Total is the only seasonally adjusted estimate that is updated in the Advance Report. Seasonally adjusted estimates for all other industry levels have not been revised with this release. For more information on the Advance Quarterly Services Report, please visit [<www.census.gov/services/qss/advance\\_services\\_faqs/>](http://www.census.gov/services/qss/advance_services_faqs/).

### 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 NAICS industry group 5111, subsector 561, and selected industries within NAICS sectors 52, 53, 62, and 71 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>](https://www.census.gov/services/qss/seasonally_adjusted_faqs.html) and our proposed table 1a shell [<https://www.census.gov/services/qss/table\\_1a\\_shell\\_2020.xls>](https://www.census.gov/services/qss/table_1a_shell_2020.xls).

### 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 and table 2 shells:

[<https://census.gov/services/qss/tableshell.xls>](https://census.gov/services/qss/tableshell.xls).

### 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. The seasonally adjusted Selected Services Total has been revised to reflect historical corrections, results of the 2018 Service Annual Survey, and new seasonal factors.

### Release Schedule

The fourth quarter 2019 Quarterly Services Report is scheduled for release on March 12, 2020. View the full schedule in the Economic Briefing Room: [<www.census.gov/economic-indicators/>](http://www.census.gov/economic-indicators/). Additional

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industry detail and estimates of revenue, expenses, inpatient days, and discharges can be found at [www.census.gov/services/](http://www.census.gov/services/).

## RESOURCES

### 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/](http://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.

###

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

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

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

For additional information see [www.census.gov/services](http://www.census.gov/services)]

| 2012 NAICS code <sup>1</sup> | Kind of business   | Total revenue (millions of dollars) |                  |                  |                  | Percent change           |                          |                          |
|------------------------------|--|-------------------------------------|------------------|------------------|------------------|--------------------------|--------------------------|--------------------------|
|                              |  | 4Q 2019 (a)                         | 3Q 2019 (r)      | 4Q 2018 (r)      | 3Q 2018 (r)      | 4Q 2019 from 3Q 2019 (a) | 4Q 2018 from 3Q 2018 (r) | 4Q 2019 from 4Q 2018 (a) |
|                              | <b>Selected Services Total<sup>2</sup></b> .....                                     | <b>4,182,854</b>                    | <b>4,098,647</b> | <b>3,996,186</b> | <b>3,910,271</b> | <b>2.1</b>               | <b>2.2</b>               | <b>4.7</b>               |
| <b>22</b>                    | <b>Utilities<sup>3</sup></b> .....   | <b>150,999</b>                      | <b>158,998</b>   | <b>148,069</b>   | <b>159,499</b>   | <b>-5.0</b>              | <b>-7.2</b>              | <b>2.0</b>               |
| <b>48-49</b>                 | <b>Transportation and warehousing<sup>4</sup></b> .....                              | <b>252,965</b>                      | <b>257,197</b>   | <b>255,650</b>   | <b>255,112</b>   | <b>-1.6</b>              | <b>0.2</b>               | <b>-1.1</b>              |
| 481                          | Air transportation.....  | 57,321                              | 60,967           | 56,497           | 59,426           | -6.0                     | -4.9                     | 1.5                      |
| 483                          | Water transportation.....  | 11,740                              | 13,496           | 11,706           | 13,271           | -13.0                    | -11.8                    | 0.3                      |
| 484                          | Truck transportation.....  | 70,782                              | 74,439           | 74,829           | 76,521           | -4.9                     | -2.2                     | -5.4                     |
| 485                          | Transit and ground passenger transportation.....                                     | 11,922                              | 10,638           | 11,244           | 10,014           | 12.1                     | 12.3                     | 6.0                      |
| 488                          | Support activities for transportation.....   | 48,194                              | 48,299           | 50,622           | 49,016           | -0.2                     | 3.3                      | -4.8                     |
| 492                          | Couriers and messengers.....   | 27,473                              | 24,877           | 26,095           | 23,137           | 10.4                     | 12.8                     | 5.3                      |
| 493                          | Warehousing and storage.....   | 10,431                              | 9,528            | 9,814            | 9,123            | 9.5                      | 7.6                      | 6.3                      |
| <b>51</b>                    | <b>Information.....</b>  | <b>460,550</b>                      | <b>429,326</b>   | <b>435,724</b>   | <b>405,625</b>   | <b>7.3</b>               | <b>7.4</b>               | <b>5.7</b>               |
| 511                          | Publishing industries (except Internet).....   | 99,455                              | 92,007           | 92,887           | 84,244           | 8.1                      | 10.3                     | 7.1                      |
| 5112                         | Software publishers.....   | 77,074                              | 69,310           | 69,483           | 60,810           | 11.2                     | 14.3                     | 10.9                     |
| 512                          | Motion picture and sound recording industries.....                                   | 27,524                              | 26,601           | 28,977           | 26,926           | 3.5                      | 7.6                      | -5.0                     |
| 517                          | Telecommunications.....  | 164,051                             | 159,812          | 162,874          | 159,188          | 2.7                      | 2.3                      | 0.7                      |
| 5171                         | Wired telecommunications carriers.....   | 78,552                              | 77,870           | 78,926           | 78,054           | 0.9                      | 1.1                      | -0.5                     |
| 5172                         | Wireless telecommunications carriers (except satellite).....                         | 72,573                              | 69,302           | 71,835           | 69,048           | 4.7                      | 4.0                      | 1.0                      |
| 518                          | Data processing, hosting, and related services.....                                  | 52,564                              | 49,462           | 44,791           | 42,511           | 6.3                      | 5.4                      | 17.4                     |
| 519                          | Other information services.....  | 70,603                              | 61,039           | 60,512           | 51,864           | 15.7                     | 16.7                     | 16.7                     |
| <b>52</b>                    | <b>Finance and insurance<sup>5</sup></b> .....                                       | <b>1,269,790</b>                    | <b>1,267,914</b> | <b>1,222,141</b> | <b>1,197,249</b> | <b>0.1</b>               | <b>2.1</b>               | <b>3.9</b>               |
| 522                          | Credit intermediation and related activities.....                                    | 352,185                             | 355,787          | 345,243          | 338,154          | -1.0                     | 2.1                      | 2.0                      |
| 524                          | Insurance carriers and related activities.....                                       | 717,582                             | 717,644          | 685,901          | 669,284          | Z                        | 2.5                      | 4.6                      |
| <b>53</b>                    | <b>Real estate and rental and leasing.....</b>                                       | <b>194,827</b>                      | <b>197,795</b>   | <b>185,448</b>   | <b>183,489</b>   | <b>-1.5</b>              | <b>1.1</b>               | <b>5.1</b>               |
| 531                          | Real estate.....   | S                                   | 137,504          | 126,890          | 125,543          | S                        | 1.1                      | S                        |
| 532                          | Rental and leasing services.....   | 45,348                              | 46,935           | 45,371           | 45,791           | -3.4                     | -0.9                     | -0.1                     |
| <b>54</b>                    | <b>Professional, scientific, and technical services<sup>6</sup></b> .....            | <b>516,713</b>                      | <b>505,513</b>   | <b>493,723</b>   | <b>476,510</b>   | <b>2.2</b>               | <b>3.6</b>               | <b>4.7</b>               |
| 5411                         | Legal services <sup>6</sup> .....  | 91,136                              | 81,571           | 86,040           | 76,960           | 11.7                     | 11.8                     | 5.9                      |
| 5412                         | Accounting, tax preparation, bookkeeping, and payroll services.....                  | 39,145                              | 40,323           | 38,235           | 38,272           | -2.9                     | -0.1                     | 2.4                      |
| 5413                         | Architectural, engineering, and related services.....                                | 89,678                              | 90,745           | 82,107           | 84,592           | -1.2                     | -2.9                     | 9.2                      |
| 5415                         | Computer systems design and related services.....                                    | 115,741                             | 115,073          | 112,855          | 108,801          | 0.6                      | 3.7                      | 2.6                      |
| 5416                         | Management, scientific, and technical consulting services.....                       | 75,416                              | 75,325           | 71,165           | 68,864           | 0.1                      | 3.3                      | 6.0                      |
| 5418                         | Advertising, public relations, and related services.....                             | 30,851                              | 28,605           | 31,142           | 29,057           | 7.9                      | 7.2                      | -0.9                     |
| <b>56</b>                    | <b>Administrative and support and waste management and remediation services.....</b> | <b>277,447</b>                      | <b>267,616</b>   | <b>267,473</b>   | <b>260,831</b>   | <b>3.7</b>               | <b>2.5</b>               | <b>3.7</b>               |
| 561                          | Administrative and support services.....   | 250,301                             | 239,241          | 240,270          | 233,471          | 4.6                      | 2.9                      | 4.2                      |
| 562                          | Waste management and remediation services.....                                       | 27,146                              | 28,375           | 27,203           | 27,360           | -4.3                     | -0.6                     | -0.2                     |
| <b>61</b>                    | <b>Educational services<sup>7</sup></b> .....  | <b>19,215</b>                       | <b>18,269</b>    | <b>17,973</b>    | <b>17,822</b>    | <b>5.2</b>               | <b>0.8</b>               | <b>6.9</b>               |
| <b>62</b>                    | <b>Health care and social assistance.....</b>  | <b>718,226</b>                      | <b>691,165</b>   | <b>678,916</b>   | <b>662,638</b>   | <b>3.9</b>               | <b>2.5</b>               | <b>5.8</b>               |
|                              | Health care and social assistance - taxable.....                                     | 351,653                             | 338,532          | 334,167          | 325,132          | 3.9                      | 2.8                      | 5.2                      |
|                              | Health care and social assistance - tax-exempt.....                                  | 366,573                             | 352,633          | 344,749          | 337,506          | 4.0                      | 2.1                      | 6.3                      |
| 621                          | Ambulatory health care services.....   | 282,090                             | 272,186          | 269,817          | 263,502          | 3.6                      | 2.4                      | 4.5                      |
|                              | Ambulatory health care services - taxable.....                                       | S                                   | 244,888          | 243,261          | 237,850          | S                        | 2.3                      | S                        |
|                              | Ambulatory health care services - tax-exempt.....                                    | 28,018                              | 27,298           | 26,556           | 25,652           | 2.6                      | 3.5                      | 5.5                      |
| 6211                         | Offices of physicians - taxable.....   | 137,803                             | 130,678          | 131,759          | 127,320          | 5.5                      | 3.5                      | 4.6                      |
| 6214                         | Outpatient care centers.....   | S                                   | 37,895           | 37,335           | 35,415           | S                        | 5.4                      | S                        |
| 6215                         | Medical and diagnostic laboratories - taxable.....                                   | 12,953                              | 12,962           | 12,901           | 12,855           | -0.1                     | 0.4                      | 0.4                      |
| 6219                         | Other ambulatory health care services.....   | S                                   | 11,331           | 10,463           | 10,635           | S                        | -1.6                     | S                        |
| 622                          | Hospitals.....   | 312,225                             | 302,344          | 291,333          | 289,253          | 3.3                      | 0.7                      | 7.2                      |
|                              | Hospitals - taxable.....   | 35,359                              | 33,967           | 33,490           | 32,575           | 4.1                      | 2.8                      | 5.6                      |
|                              | Hospitals - tax-exempt.....  | 276,866                             | 268,377          | 257,843          | 256,678          | 3.2                      | 0.5                      | 7.4                      |
| 623                          | Nursing and residential care facilities.....   | S                                   | 65,441           | 63,025           | 61,790           | S                        | 2.0                      | S                        |
|                              | Nursing and residential care facilities - taxable.....                               | S                                   | 43,543           | 41,163           | 40,044           | S                        | 2.8                      | S                        |
|                              | Nursing and residential care facilities - tax-exempt.....                            | 22,541                              | 21,898           | 21,862           | 21,746           | 2.9                      | 0.5                      | 3.1                      |
| 624                          | Social assistance.....   | 55,954                              | 51,194           | 54,741           | 48,093           | 9.3                      | 13.8                     | 2.2                      |
| <b>71</b>                    | <b>Arts, entertainment, and recreation.....</b>                                      | <b>77,237</b>                       | <b>79,846</b>    | <b>72,945</b>    | <b>75,797</b>    | <b>-3.3</b>              | <b>-3.8</b>              | <b>5.9</b>               |
| 711                          | Performing arts, spectator sports, and related industries.....                       | 37,473                              | 36,163           | 35,586           | 34,867           | 3.6                      | 2.1                      | 5.3                      |
| 712                          | Museums, historical sites, and similar institutions.....                             | 4,697                               | 4,310            | 4,053            | 4,681            | 9.0                      | -13.4                    | 15.9                     |
| 713                          | Amusement, gambling, and recreation industries.....                                  | 35,067                              | 39,373           | 33,306           | 36,249           | -10.9                    | -8.1                     | 5.3                      |

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

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

For additional information see [www.census.gov/services](http://www.census.gov/services)]

| 2012 NAICS code <sup>1</sup> | Kind of business   | Total revenue (millions of dollars) |             |             |             | Percent change           |                          |                          |
|------------------------------|--|-------------------------------------|-------------|-------------|-------------|--------------------------|--------------------------|--------------------------|
|                              |  | 4Q 2019 (a)                         | 3Q 2019 (r) | 4Q 2018 (r) | 3Q 2018 (r) | 4Q 2019 from 3Q 2019 (a) | 4Q 2018 from 3Q 2018 (r) | 4Q 2019 from 4Q 2018 (a) |
| 721                          | Accommodation.....   | 64,414                              | 74,053      | 64,316      | 70,272      | -13.0                    | -8.5                     | 0.2                      |
| 81                           | Other services (except public administration) <sup>8</sup> ..... | 180,471                             | 150,955     | 153,808     | 145,427     | 19.6                     | 5.8                      | 17.3                     |
| 811                          | Repair and maintenance.....                                      | 47,323                              | 48,337      | 44,526      | 45,284      | -2.1                     | -1.7                     | 6.3                      |
| 812                          | Personal and laundry services.....                               | \$                                  | \$          | \$          | \$          | \$                       | \$                       | \$                       |

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

S Estimate does not meet standards because of high variability (coefficient of variation greater than 30%), poor response quality (total quantity response rate is less than 50%) or other concerns about the estimate's quality. Unpublished estimates derived from this table by subtraction are subject to these same limitations and should not be attributed to the U.S. Census Bureau. For a description of publication standards and the total quantity response rate, see <https://www.census.gov/about/policies/quality/standards/standardf1.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/](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, 5, 6, 7, and 8 also apply to the Selected Services Total.

(3) Excludes government owned utilities.

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

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

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

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

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

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

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

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

For additional information see [www.census.gov/services](http://www.census.gov/services)]

| 2012 NAICS code | Kind of business   | Coefficient of variation for total revenue |             |             |             | Standard error for percent change |                          |                          |
|-----------------|--|--|-------------|-------------|-------------|-----------------------------------|--------------------------|--------------------------|
|                 |  | 4Q 2019 (a)                                | 3Q 2019 (r) | 4Q 2018 (r) | 3Q 2018 (r) | 4Q 2019 from 3Q 2019 (a)          | 4Q 2018 from 3Q 2018 (r) | 4Q 2019 from 4Q 2018 (a) |
|                 | <b>Selected Services Total.....</b>  | <b>1.0</b>                                 | <b>0.9</b>  | <b>0.8</b>  | <b>0.8</b>  | <b>0.2</b>                        | <b>0.1</b>               | <b>0.3</b>               |
| <b>22</b>       | <b>Utilities.....</b>  | <b>2.7</b>                                 | <b>2.8</b>  | <b>2.0</b>  | <b>3.0</b>  | <b>0.7</b>                        | <b>1.1</b>               | <b>1.0</b>               |
| <b>48-49</b>    | <b>Transportation and warehousing.....</b>   | <b>2.0</b>                                 | <b>1.8</b>  | <b>1.7</b>  | <b>1.7</b>  | <b>0.4</b>                        | <b>0.4</b>               | <b>0.9</b>               |
| 481             | Air transportation.....  | 1.7  | 1.5         | 1.9         | 1.6         | 0.4                               | 0.5                      | 0.5                      |
| 483             | Water transportation.....  | 7.6  | 7.6         | 8.1         | 8.1         | 0.8                               | 0.7                      | 0.6                      |
| 484             | Truck transportation.....  | 2.5  | 2.2         | 2.6         | 2.5         | 0.4                               | 0.7                      | 1.6                      |
| 485             | Transit and ground passenger transportation.....                                     | 3.6  | 3.3         | 3.3         | 4.0         | 0.8                               | 1.9                      | 2.5                      |
| 488             | Support activities for transportation.....   | 4.4  | 3.8         | 3.1         | 3.0         | 1.0                               | 0.5                      | 1.8                      |
| 492             | Couriers and messengers.....   | 4.3  | 3.8         | 3.5         | 3.6         | 0.5                               | 0.3                      | 1.1                      |
| 493             | Warehousing and storage.....   | 6.7  | 6.0         | 5.3         | 4.7         | 2.4                               | 2.3                      | 2.8                      |
| <b>51</b>       | <b>Information.....</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>0.5</b>               |
| 511             | Publishing industries (except Internet).....   | 2.7  | 3.1         | 2.3         | 3.1         | 0.8                               | 1.2                      | 1.9                      |
| 5112            | Software publishers.....   | 3.3  | 3.6         | 2.4         | 3.5         | 1.0                               | 1.7                      | 2.4                      |
| 512             | Motion picture and sound recording industries.....                                   | 2.1  | 1.8         | 1.2         | 1.2         | 1.4                               | 0.4                      | 2.2                      |
| 517             | Telecommunications.....  | 1.4  | 1.5         | 1.4         | 1.4         | 0.1                               | 0.1                      | 0.3                      |
| 5171            | Wired telecommunications carriers.....   | 2.0  | 2.0         | 1.9         | 1.9         | 0.2                               | 0.1                      | 0.4                      |
| 5172            | Wireless telecommunications carriers (except satellite).....                         | 2.0  | 2.1         | 1.9         | 2.0         | 0.2                               | 0.2                      | 0.3                      |
| 518             | Data processing, hosting, and related services.....                                  | 3.0  | 3.2         | 2.9         | 3.2         | 0.3                               | 0.6                      | 0.7                      |
| 519             | Other information services.....  | 4.6  | 4.3         | 4.1         | 3.8         | 0.7                               | 1.0                      | 1.9                      |
| <b>52</b>       | <b>Finance and insurance.....</b>  | <b>2.2</b>                                 | <b>2.1</b>  | <b>2.0</b>  | <b>1.9</b>  | <b>0.2</b>                        | <b>0.4</b>               | <b>0.6</b>               |
| 522             | Credit intermediation and related activities.....                                    | 2.5  | 2.5         | 2.2         | 1.9         | 0.4                               | 0.8                      | 1.0                      |
| 524             | Insurance carriers and related activities.....                                       | 2.9  | 2.8         | 2.8         | 2.7         | 0.4                               | 0.5                      | 0.9                      |
| <b>53</b>       | <b>Real estate and rental and leasing.....</b>                                       | <b>1.6</b>                                 | <b>1.3</b>  | <b>1.2</b>  | <b>1.1</b>  | <b>0.7</b>                        | <b>0.6</b>               | <b>0.7</b>               |
| 531             | Real estate.....   | S  | 0.8         | 1.2         | 1.1         | S                                 | 0.6                      | S                        |
| 532             | Rental and leasing services.....   | 4.2  | 3.8         | 4.0         | 3.8         | 1.0                               | 1.1                      | 1.2                      |
| <b>54</b>       | <b>Professional, scientific, and technical services.....</b>                         | <b>2.5</b>                                 | <b>2.4</b>  | <b>2.3</b>  | <b>2.5</b>  | <b>0.9</b>                        | <b>0.3</b>               | <b>0.7</b>               |
| 5411            | Legal services.....  | 3.2  | 3.5         | 4.0         | 4.0         | 2.8                               | 1.7                      | 2.1                      |
| 5412            | Accounting, tax preparation, bookkeeping, and payroll services.....                  | 2.8  | 2.5         | 2.8         | 1.8         | 0.7                               | 1.6                      | 1.0                      |
| 5413            | Architectural, engineering, and related services.....                                | 4.7  | 4.9         | 3.7         | 4.2         | 1.2                               | 1.5                      | 2.1                      |
| 5415            | Computer systems design and related services.....                                    | 2.5  | 2.9         | 3.5         | 3.2         | 1.2                               | 0.9                      | 1.5                      |
| 5416            | Management, scientific, and technical consulting services.....                       | 3.7  | 4.0         | 3.7         | 3.7         | 0.9                               | 0.6                      | 1.7                      |
| 5418            | Advertising, public relations, and related services.....                             | 3.0  | 3.1         | 2.3         | 2.1         | 0.6                               | 0.9                      | 1.9                      |
| <b>56</b>       | <b>Administrative and support and waste management and remediation services.....</b> | <b>3.3</b>                                 | <b>2.9</b>  | <b>3.4</b>  | <b>3.2</b>  | <b>0.6</b>                        | <b>0.6</b>               | <b>1.1</b>               |
| 561             | Administrative and support services.....   | 3.7  | 3.4         | 3.9         | 3.6         | 0.6                               | 0.7                      | 1.3                      |
| 562             | Waste management and remediation services.....                                       | 3.9  | 3.4         | 3.4         | 2.7         | 1.6                               | 1.3                      | 2.2                      |
| <b>61</b>       | <b>Educational services.....</b>   | <b>3.5</b>                                 | <b>4.5</b>  | <b>4.6</b>  | <b>4.2</b>  | <b>1.6</b>                        | <b>1.7</b>               | <b>1.7</b>               |
| <b>62</b>       | <b>Health care and social assistance.....</b>  | <b>1.9</b>                                 | <b>1.6</b>  | <b>1.8</b>  | <b>1.6</b>  | <b>0.4</b>                        | <b>0.4</b>               | <b>0.6</b>               |
|                 | Health care and social assistance - taxable.....                                     | 2.5  | 2.2         | 2.3         | 2.1         | 0.5                               | 0.5                      | 0.9                      |
|                 | Health care and social assistance - tax-exempt.....                                  | 1.9  | 1.5         | 1.7         | 1.8         | 0.6                               | 0.6                      | 0.7                      |
| 621             | Ambulatory health care services.....   | 2.0  | 1.5         | 1.9         | 1.7         | 0.5                               | 0.5                      | 0.8                      |
|                 | Ambulatory health care services - taxable.....                                       | S  | 1.8         | 2.1         | 1.9         | S                                 | 0.5                      | S                        |
|                 | Ambulatory health care services - tax-exempt.....                                    | 4.7  | 4.5         | 4.9         | 4.2         | 0.7                               | 1.1                      | 0.9                      |
| 6211            | Offices of physicians - taxable.....   | 3.5  | 3.2         | 3.3         | 2.9         | 0.8                               | 0.9                      | 1.7                      |
| 6214            | Outpatient care centers.....   | S  | 2.9         | 2.9         | 2.2         | S                                 | 1.0                      | S                        |
| 6215            | Medical and diagnostic laboratories - taxable.....                                   | 3.8  | 3.9         | 4.5         | 4.1         | 0.3                               | 0.5                      | 1.3                      |
| 6219            | Other ambulatory health care services.....   | S  | 3.2         | 3.2         | 3.7         | S                                 | 0.8                      | S                        |
| 622             | Hospitals.....   | 3.0  | 2.6         | 2.7         | 2.8         | 0.7                               | 0.5                      | 0.9                      |
|                 | Hospitals - taxable.....   | 11.4                                       | 10.9        | 11.0        | 10.7        | 0.9                               | 0.3                      | 1.5                      |
|                 | Hospitals - tax-exempt.....  | 2.4  | 1.9         | 2.1         | 2.2         | 0.7                               | 0.5                      | 0.8                      |
| 623             | Nursing and residential care facilities.....   | S  | 2.7         | 2.8         | 2.7         | S                                 | 0.6                      | S                        |
|                 | Nursing and residential care facilities - taxable.....                               | S  | 2.7         | 2.8         | 2.5         | S                                 | 0.9                      | S                        |
|                 | Nursing and residential care facilities - tax-exempt.....                            | 4.0  | 3.5         | 3.6         | 4.5         | 0.8                               | 1.3                      | 1.4                      |
| 624             | Social assistance.....   | 3.6  | 3.5         | 3.5         | 2.9         | 0.9                               | 1.1                      | 1.3                      |
| <b>71</b>       | <b>Arts, entertainment, and recreation.....</b>                                      | <b>3.0</b>                                 | <b>2.4</b>  | <b>2.9</b>  | <b>2.9</b>  | <b>1.8</b>                        | <b>1.3</b>               | <b>0.9</b>               |
| 711             | Performing arts, spectator sports, and related industries.....                       | 4.7  | 2.8         | 4.4         | 4.2         | 3.4                               | 2.6                      | 1.3                      |
| 712             | Museums, historical sites, and similar institutions.....                             | 2.8  | 4.5         | 5.6         | 5.8         | 3.8                               | 4.8                      | 4.4                      |
| 713             | Amusement, gambling, and recreation industries.....                                  | 4.5  | 3.7         | 5.0         | 4.8         | 1.1                               | 1.6                      | 1.4                      |

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

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

| 2012 NAICS code | Kind of business                                   | Coefficient of variation for total revenue |             |             |             | Standard error for percent change |                          |                          |
|-----------------|--|--|-------------|-------------|-------------|-----------------------------------|--------------------------|--------------------------|
|                 |  | 4Q 2019 (a)                                | 3Q 2019 (r) | 4Q 2018 (r) | 3Q 2018 (r) | 4Q 2019 from 3Q 2019 (a)          | 4Q 2018 from 3Q 2018 (r) | 4Q 2019 from 4Q 2018 (a) |
| 721             | Accommodation.....                                 | 1.2  | 1.8         | 1.5         | 1.4         | 0.8                               | 0.4                      | 0.9                      |
| 81              | Other services (except public administration)..... | 2.1  | 1.4         | 2.3         | 2.2         | 1.2                               | 1.2                      | 1.9                      |
| 811             | Repair and maintenance.....                        | 2.6  | 2.6         | 3.0         | 3.3         | 1.0                               | 1.4                      | 2.4                      |
| 812             | Personal and laundry services.....                 | S  | S           | S           | S           | S                                 | S                        | S                        |

(a) Advance estimate. (r) Revised estimate.

S Corresponding estimate in Table A1 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 errors, sample design, and definitions may be found at [www.census.gov/services/qss/cv.html](http://www.census.gov/services/qss/cv.html).

**Table A3. Selected Services - Advance Estimated Quarterly Revenue for Employer Firms, Seasonally Adjusted<sup>1</sup>**

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

| 2012<br>NAICS<br>code <sup>2</sup> | Kind of business | Total revenue (millions of dollars) |  |                   |                   |                   |                   | Percent change                    |                                   |                                   |                                   |                                   |                                   |
|------------------------------------|------------------|-------------------------------------|--|-------------------|-------------------|-------------------|-------------------|-----------------------------------|-----------------------------------|-----------------------------------|-----------------------------------|-----------------------------------|-----------------------------------|
|                                    |                  | 4Q<br>2019<br>(a)                   | 3Q<br>2019<br>(r)                          | 2Q<br>2019<br>(r) | 1Q<br>2019<br>(r) | 4Q<br>2018<br>(r) | 3Q<br>2018<br>(r) | 4Q 2019<br>from<br>3Q 2019<br>(a) | 3Q 2019<br>from<br>2Q 2019<br>(r) | 2Q 2019<br>from<br>1Q 2019<br>(r) | 1Q 2019<br>from<br>4Q 2018<br>(r) | 4Q 2019<br>from<br>4Q 2018<br>(a) | 3Q 2019<br>from<br>3Q 2018<br>(r) |
|                                    |                  |                                     | <b>Selected Services Total<sup>3</sup></b> | <b>4,129,175</b>  | <b>4,086,388</b>  | <b>4,026,316</b>  | <b>3,978,348</b>  | <b>3,944,902</b>                  | <b>3,902,466</b>                  | <b>1.0</b>                        | <b>1.5</b>                        | <b>1.2</b>                        | <b>0.8</b>                        |

(a) Advance estimate. (r) Revised estimate.

(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/](http://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 721 (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).

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

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

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

| 2012 NAICS code <sup>1</sup> | Kind of business   | Total revenue (millions of dollars) |                  |                  |                  |                  |                  | Percent change           |                          |                          |                          | Year to date      |                   |                    |
|------------------------------|--|-------------------------------------|------------------|------------------|------------------|------------------|------------------|--------------------------|--------------------------|--------------------------|--------------------------|-------------------|-------------------|--------------------|
|                              |  | 4Q 2019 (a)                         | 3Q 2019 (r)      | 2Q 2019 (r)      | 1Q 2019 (r)      | 4Q 2018 (r)      | 3Q 2018 (r)      | 4Q 2019 from 3Q 2019 (a) | 3Q 2019 from 2Q 2019 (r) | 4Q 2019 from 4Q 2018 (a) | 3Q 2019 from 3Q 2018 (r) | 2019 (a)          | 2018 (r)          | 2019 from 2018 (a) |
|                              | <b>Selected Services Total<sup>2</sup></b> .....   | <b>4,182,854</b>                    | <b>4,098,647</b> | <b>4,030,342</b> | <b>3,914,694</b> | <b>3,996,186</b> | <b>3,910,271</b> | <b>2.1</b>               | <b>1.7</b>               | <b>4.7</b>               | <b>4.8</b>               | <b>16,226,537</b> | <b>15,478,942</b> | <b>4.8</b>         |
| <b>22</b>                    | <b>Utilities<sup>3</sup></b> .....   | <b>150,999</b>                      | <b>158,998</b>   | <b>136,492</b>   | <b>156,999</b>   | <b>148,069</b>   | <b>159,499</b>   | <b>-5.0</b>              | <b>16.5</b>              | <b>2.0</b>               | <b>-0.3</b>              | <b>603,488</b>    | <b>599,744</b>    | <b>0.6</b>         |
| 2211                         | Electric power generation, transmission and distribution.....                                | X                                   | 136,580          | 112,406          | 113,428          | 111,492          | 136,835          | X                        | 21.5                     | X                        | -0.2                     | X                 | 474,132           | X                  |
| 2212                         | Natural gas distribution.....  | X                                   | 18,135           | 20,404           | 40,212           | 33,014           | 18,333           | X                        | -11.1                    | X                        | -1.1                     | X                 | 110,691           | X                  |
| 2213                         | Water, sewage and other systems.....   | X                                   | 4,283            | 3,682            | 3,359            | 3,563            | 4,331            | X                        | 16.3                     | X                        | -1.1                     | X                 | 14,921            | X                  |
| <b>48-49</b>                 | <b>Transportation and warehousing<sup>4</sup></b> .....                                      | <b>252,965</b>                      | <b>257,197</b>   | <b>256,053</b>   | <b>238,526</b>   | <b>255,650</b>   | <b>255,112</b>   | <b>-1.6</b>              | <b>0.4</b>               | <b>-1.1</b>              | <b>0.8</b>               | <b>1,004,741</b>  | <b>991,615</b>    | <b>1.3</b>         |
| 481                          | Air transportation.....  | 57,321                              | 60,967           | 61,029           | 52,514           | 56,497           | 59,426           | -6.0                     | -0.1                     | 1.5                      | 2.6                      | 231,831           | 225,785           | 2.7                |
| 483                          | Water transportation.....  | 11,740                              | 13,496           | 11,966           | 10,895           | 11,706           | 13,271           | -13.0                    | 12.8                     | 0.3                      | 1.7                      | 48,097            | 45,950            | 4.7                |
| 4831                         | Deep sea, coastal, and Great Lakes water transportation.....                                 | X                                   | 11,300           | 9,885            | 8,979            | 9,546            | 11,124           | X                        | 14.3                     | X                        | 1.6                      | X                 | 37,854            | X                  |
| 4832                         | Inland water transportation.....   | X                                   | 2,196            | 2,081            | 1,916            | 2,160            | 2,147            | X                        | 5.5                      | X                        | 2.3                      | X                 | 8,096             | X                  |
| 484                          | Truck transportation.....  | 70,782                              | 74,439           | 73,865           | 68,487           | 74,829           | 76,521           | -4.9                     | 0.8                      | -5.4                     | -2.7                     | 287,573           | 294,489           | -2.3               |
| 4841                         | General freight trucking.....  | X                                   | 49,189           | 48,388           | 46,611           | 50,278           | 50,356           | X                        | 1.7                      | X                        | -2.3                     | X                 | 195,821           | X                  |
| 48412                        | General freight trucking, long-distance.....   | X                                   | 41,783           | 41,239           | 39,426           | 42,444           | 42,493           | X                        | 1.3                      | X                        | -1.7                     | X                 | 165,276           | X                  |
| 4842                         | Specialized freight trucking.....  | X                                   | 25,250           | 25,477           | 21,876           | 24,551           | 26,165           | X                        | -0.9                     | X                        | -3.5                     | X                 | \$                | X                  |
| 485                          | Transit and ground passenger transportation.....   | 11,922                              | 10,638           | 11,443           | 10,999           | 11,244           | 10,014           | 12.1                     | -7.0                     | 6.0                      | 6.2                      | 45,002            | 42,508            | 5.9                |
| 486                          | Pipeline transportation.....   | X                                   | 13,459           | 12,762           | 13,748           | 14,149           | 13,211           | X                        | 5.5                      | X                        | 1.9                      | X                 | 52,820            | X                  |
| 487                          | Scenic and sightseeing transportation.....   | X                                   | 1,494            | 1,017            | 550              | 694              | 1,393            | X                        | 46.9                     | X                        | 7.3                      | X                 | 3,601             | X                  |
| 488                          | Support activities for transportation.....   | 48,194                              | 48,299           | 49,697           | 48,253           | 50,622           | 49,016           | -0.2                     | -2.8                     | -4.8                     | -1.5                     | 194,443           | 194,773           | -0.2               |
| 492                          | Couriers and messengers.....   | 27,473                              | 24,877           | 24,725           | 23,861           | 26,095           | 23,137           | 10.4                     | 0.6                      | 5.3                      | 7.5                      | 100,936           | 95,366            | 5.8                |
| 493                          | Warehousing and storage.....   | 10,431                              | 9,528            | 9,549            | 9,219            | 9,814            | 9,123            | 9.5                      | -0.2                     | 6.3                      | 4.4                      | 38,727            | 36,323            | 6.6                |
| <b>51</b>                    | <b>Information.....</b>  | <b>460,550</b>                      | <b>429,326</b>   | <b>424,516</b>   | <b>412,545</b>   | <b>435,724</b>   | <b>405,625</b>   | <b>7.3</b>               | <b>1.1</b>               | <b>5.7</b>               | <b>5.8</b>               | <b>1,726,937</b>  | <b>1,630,015</b>  | <b>5.9</b>         |
| 511                          | Publishing industries (except Internet).....   | 99,455                              | 92,007           | 91,272           | 87,976           | 92,887           | 84,244           | 8.1                      | 0.8                      | 7.1                      | 9.2                      | 370,710           | 342,459           | 8.2                |
| 51111                        | Newspaper publishers.....  | X                                   | 5,650            | 5,900            | 5,734            | 6,550            | 5,982            | X                        | -4.2                     | X                        | -5.5                     | X                 | 24,654            | X                  |
| 51112                        | Periodical publishers.....   | X                                   | 6,531            | 6,869            | 6,455            | 7,189            | \$               | X                        | -4.9                     | X                        | \$                       | X                 | \$                | X                  |
| 5111 pt                      | Book, directory and mailing list, and other publishers <sup>5</sup> .....                    | X                                   | 10,516           | 9,057            | 8,102            | 9,665            | 10,812           | X                        | 16.1                     | X                        | -2.7                     | X                 | 38,579            | X                  |
| 5112                         | Software publishers.....   | 77,074                              | 69,310           | 69,446           | 67,685           | 69,483           | 60,810           | 11.2                     | -0.2                     | 10.9                     | 14.0                     | 283,515           | 251,960           | 12.5               |
| 512                          | Motion picture and sound recording industries.....   | 27,524                              | 26,601           | 28,510           | 26,630           | 28,977           | 26,926           | 3.5                      | -6.7                     | -5.0                     | -1.2                     | 109,265           | 109,969           | -0.6               |
| 515                          | Broadcasting (except Internet).....  | X                                   | 40,405           | 41,360           | 40,445           | 45,683           | 40,892           | X                        | -2.3                     | X                        | -1.2                     | X                 | 168,843           | X                  |
| 5151                         | Radio and television broadcasting.....   | X                                   | 19,794           | 20,357           | 19,682           | 23,735           | 20,139           | X                        | -2.8                     | X                        | -1.7                     | X                 | 83,344            | X                  |
| 5152                         | Cable and other subscription programming.....  | X                                   | 20,611           | 21,003           | 20,763           | 21,948           | 20,753           | X                        | -1.9                     | X                        | -0.7                     | X                 | 85,499            | X                  |
| 517                          | Telecommunications.....  | 164,051                             | 159,812          | 158,655          | 157,794          | 162,874          | 159,188          | 2.7                      | 0.7                      | 0.7                      | 0.4                      | 640,312           | 630,683           | 1.5                |
| 5171                         | Wired telecommunications carriers.....   | 78,552                              | 77,870           | 78,079           | 77,426           | 78,926           | 78,054           | 0.9                      | -0.3                     | -0.5                     | -0.2                     | 311,927           | 311,465           | 0.1                |
| 5172                         | Wireless telecommunications carriers (except satellite).....                                 | 72,573                              | 69,302           | 68,139           | 68,343           | 71,835           | 69,048           | 4.7                      | 1.7                      | 1.0                      | 0.4                      | 278,357           | 272,046           | 2.3                |
| 517 pt                       | Other telecommunications <sup>6</sup> .....  | X                                   | 12,640           | 12,437           | 12,025           | 12,113           | 12,086           | X                        | 1.6                      | X                        | 4.6                      | X                 | 47,172            | X                  |
| 518                          | Data processing, hosting, and related services.....  | 52,564                              | 49,462           | 46,625           | 44,470           | 44,791           | 42,511           | 6.3                      | 6.1                      | 17.4                     | 16.4                     | 193,121           | 169,480           | 13.9               |
| 519                          | Other information services.....  | 70,603                              | 61,039           | 58,094           | 55,230           | 60,512           | 51,864           | 15.7                     | 5.1                      | 16.7                     | 17.7                     | 244,966           | 208,581           | 17.4               |
| <b>52</b>                    | <b>Finance and insurance<sup>7</sup></b> .....   | <b>1,269,790</b>                    | <b>1,267,914</b> | <b>1,247,317</b> | <b>1,229,202</b> | <b>1,222,141</b> | <b>1,197,249</b> | <b>0.1</b>               | <b>1.7</b>               | <b>3.9</b>               | <b>5.9</b>               | <b>5,014,223</b>  | <b>4,766,939</b>  | <b>5.2</b>         |
| 52 pt                        | Finance and insurance (except monetary authorities-central bank) <sup>8</sup> .....          | X                                   | 1,243,338        | 1,221,602        | 1,201,329        | 1,194,398        | 1,169,410        | X                        | 1.8                      | X                        | 6.3                      | X                 | 4,653,820         | X                  |
| 521                          | Monetary authorities-central bank.....   | X                                   | 24,576           | 25,715           | 27,873           | 27,743           | 27,839           | X                        | -4.4                     | X                        | -11.7                    | X                 | 113,119           | X                  |
| 522                          | Credit intermediation and related activities.....  | 352,185                             | 355,787          | 353,091          | 347,792          | 345,243          | 338,154          | -1.0                     | 0.8                      | 2.0                      | 5.2                      | 1,408,855         | 1,335,684         | 5.5                |
| 5221                         | Depository credit intermediation.....  | X                                   | 165,686          | 163,025          | 160,743          | 159,754          | 157,658          | X                        | 1.6                      | X                        | 5.1                      | X                 | 617,995           | X                  |
| 5222                         | Nondepository credit intermediation.....   | X                                   | 163,077          | 164,001          | 161,619          | 159,475          | 154,422          | X                        | -0.6                     | X                        | 5.6                      | X                 | 615,981           | X                  |
| 5223                         | Activities related to credit intermediation.....   | X                                   | 27,024           | 26,065           | 25,430           | 26,014           | 26,074           | X                        | 3.7                      | X                        | 3.6                      | X                 | 101,708           | X                  |
| 523                          | Securities, commodity contracts, and other financial investments and related activities..... | X                                   | 169,907          | 165,550          | 164,398          | 163,254          | 161,972          | X                        | 2.6                      | X                        | 4.9                      | X                 | 655,441           | X                  |
| 5231                         | Securities and commodity contracts intermediation and brokerage.....                         | X                                   | 72,627           | 70,925           | 71,504           | 66,452           | 68,860           | X                        | 2.4                      | X                        | 5.5                      | X                 | 280,648           | X                  |
| 5232                         | Securities and commodity exchanges.....  | X                                   | 3,296            | 3,230            | 3,075            | 3,358            | 2,644            | X                        | 2.0                      | X                        | 24.7                     | X                 | 12,072            | X                  |
| 5239                         | Other financial investment activities.....   | X                                   | 93,984           | 91,395           | 89,819           | 93,444           | 90,468           | X                        | 2.8                      | X                        | 3.9                      | X                 | 362,721           | X                  |
| 524                          | Insurance carriers and related activities.....   | 717,582                             | 717,644          | 702,961          | 689,139          | 685,901          | 669,284          | Z                        | 2.1                      | 4.6                      | 7.2                      | 2,827,326         | 2,662,695         | 6.2                |
| 5241                         | Insurance carriers.....  | X                                   | 614,863          | 605,585          | 592,036          | 588,702          | 573,472          | X                        | 1.5                      | X                        | 7.2                      | X                 | 2,281,364         | X                  |
| 5242                         | Agencies, brokerages, and other insurance related activities.....                            | X                                   | 102,781          | 97,376           | 97,103           | 97,199           | 95,812           | X                        | 5.6                      | X                        | 7.3                      | X                 | 381,331           | X                  |
| <b>53</b>                    | <b>Real estate and rental and leasing.....</b>   | <b>194,827</b>                      | <b>197,795</b>   | <b>189,925</b>   | <b>170,177</b>   | <b>185,448</b>   | <b>183,489</b>   | <b>-1.5</b>              | <b>4.1</b>               | <b>5.1</b>               | <b>7.8</b>               | <b>752,724</b>    | <b>707,520</b>    | <b>6.4</b>         |
| 531                          | Real estate.....   | \$                                  | 137,504          | 130,847          | 116,940          | 126,890          | 125,543          | \$                       | 5.1                      | \$                       | 9.5                      | \$                | 484,439           | \$                 |
| 5311                         | Lessors of real estate.....  | X                                   | 74,072           | 71,567           | 69,064           | 70,196           | 69,412           | X                        | 3.5                      | X                        | 6.7                      | X                 | 271,195           | X                  |
| 5312                         | Offices of real estate agents and brokers.....   | X                                   | 35,145           | 32,978           | 24,522           | 31,497           | 31,242           | X                        | 6.6                      | X                        | 12.5                     | X                 | 117,420           | X                  |
| 5313                         | Activities related to real estate.....   | X                                   | 28,287           | 26,302           | 23,354           | \$               | \$               | X                        | 7.5                      | X                        | \$                       | X                 | \$                | X                  |
| 532                          | Rental and leasing services.....   | 45,348                              | 46,935           | 45,505           | 41,876           | 45,371           | 45,791           | -3.4                     | 3.1                      | -0.1                     | 2.5                      | 179,664           | 173,748           | 3.4                |
| 5321                         | Automotive equipment rental and leasing.....   | X                                   | 18,479           | 17,290           | 15,655           | 16,982           | 17,813           | X                        | 6.9                      | X                        | 3.7                      | X                 | 65,591            | X                  |
| 53211                        | Passenger car rental and leasing.....  | X                                   | 12,266           | 11,230           | 10,207           | 11,014           | 11,819           | X                        | 9.2                      | X                        | 3.8                      | X                 | 43,133            | X                  |
| 53212                        | Truck, utility trailer, and RV (Recreational Vehicle) rental and leasing.....                | X                                   | 6,213            | 6,060            | 5,448            | 5,968            | 5,994            | X                        | 2.5                      | X                        | 3.7                      | X                 | 22,458            | X                  |
| 5322                         | Consumer goods rental.....   | X                                   | 6,214            | 6,174            | 5,686            | 5,812            | 5,892            | X                        | 0.6                      | X                        | 5.5                      | X                 | 23,000            | X                  |
| 5323                         | General rental centers.....  | X                                   | \$               | \$               | \$               | \$               | \$               | X                        | \$                       | X                        | \$                       | X                 | \$                | X                  |
| 5324                         | Commercial and industrial machinery and equipment rental and leasing.....                    | X                                   | 21,430           | 21,244           | 19,948           | 21,792           | 21,248           | X                        | 0.9                      | X                        | 0.9                      | X                 | 82,131            | X                  |
| 533                          | Lessors of nonfinancial intangible assets (except copyrighted works).....                    | X                                   | 13,356           | 13,573           | 11,361           | 13,187           | 12,155           | X                        | -1.6                     | X                        | 9.9                      | X                 | 49,333            | X                  |

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

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

| 2012 NAICS code <sup>1</sup> | Kind of business   | Total revenue (millions of dollars) |                |                |                |                |                | Percent change           |                          |                          |                          | Year to date     |                  |                    |
|------------------------------|--|-------------------------------------|----------------|----------------|----------------|----------------|----------------|--------------------------|--------------------------|--------------------------|--------------------------|------------------|------------------|--------------------|
|                              |  | 4Q 2019 (a)                         | 3Q 2019 (r)    | 2Q 2019 (r)    | 1Q 2019 (r)    | 4Q 2018 (r)    | 3Q 2018 (r)    | 4Q 2019 from 3Q 2019 (a) | 3Q 2019 from 2Q 2019 (r) | 4Q 2019 from 4Q 2018 (a) | 3Q 2019 from 3Q 2018 (r) | 2019 (a)         | 2018 (r)         | 2019 from 2018 (a) |
| <b>54</b>                    | <b>Professional, scientific, and technical services<sup>9</sup></b>                  | <b>516,713</b>                      | <b>505,513</b> | <b>500,276</b> | <b>476,207</b> | <b>493,723</b> | <b>476,510</b> | <b>2.2</b>               | <b>1.0</b>               | <b>4.7</b>               | <b>6.1</b>               | <b>1,998,709</b> | <b>1,914,440</b> | <b>4.4</b>         |
| 5411                         | Legal services <sup>9</sup>  | 91,136                              | 81,571         | 76,630         | 69,917         | 86,040         | 76,960         | 11.7                     | 6.4                      | 5.9                      | 6.0                      | 319,254          | 307,167          | 3.9                |
| 5412                         | Accounting, tax preparation, bookkeeping, and payroll services.....                  | 39,145                              | 40,323         | 45,339         | 52,102         | 38,235         | 38,272         | -2.9                     | -11.1                    | 2.4                      | 5.4                      | 176,909          | 171,805          | 3.0                |
| 5413                         | Architectural, engineering, and related services.....                                | 89,678                              | 90,745         | 88,235         | 81,651         | 82,107         | 84,592         | -1.2                     | 2.8                      | 9.2                      | 7.3                      | 350,309          | 333,396          | 5.1                |
| 5413 pt                      | Architectural and related services <sup>10</sup>                                     | X                                   | 22,795         | 21,044         | 20,563         | 20,216         | 20,782         | X                        | 8.3                      | X                        | 9.7                      | X                | 79,755           | X                  |
| 54133                        | Engineering services.....  | X                                   | 67,950         | 67,191         | 61,088         | 61,891         | 63,810         | X                        | 1.1                      | X                        | 6.5                      | X                | 253,641          | X                  |
| 5414                         | Specialized design services.....   | X                                   | 6,647          | 6,598          | 5,638          | 6,324          | 6,308          | X                        | 0.7                      | X                        | 5.4                      | X                | S                | X                  |
| 5415                         | Computer systems design and related services.....                                    | 115,741                             | 115,073        | 114,101        | 108,634        | 112,855        | 108,801        | 0.6                      | 0.9                      | 2.6                      | 5.8                      | 453,549          | 431,159          | 5.2                |
| 5416                         | Management, scientific, and technical consulting services.....                       | 75,416                              | 75,325         | 72,005         | 67,403         | 71,165         | 68,864         | 0.1                      | 4.6                      | 6.0                      | 9.4                      | 290,149          | 273,653          | 6.0                |
| 5417                         | Scientific research and development services.....                                    | X                                   | 44,347         | 45,368         | 42,259         | 43,810         | 41,552         | X                        | -2.3                     | X                        | 6.7                      | X                | 166,658          | X                  |
| 5418                         | Advertising, public relations, and related services.....                             | 30,851                              | 28,605         | 29,089         | 26,830         | 31,142         | 29,057         | 7.9                      | -1.7                     | -0.9                     | -1.6                     | 115,375          | 116,008          | -0.5               |
| 5419                         | Other professional, scientific, and technical services.....                          | X                                   | S              | 22,911         | 21,773         | S              | 22,104         | X                        | S                        | X                        | S                        | X                | S                | X                  |
| <b>56</b>                    | <b>Administrative and support and waste management and remediation services.....</b> | <b>277,447</b>                      | <b>267,616</b> | <b>261,532</b> | <b>253,353</b> | <b>267,473</b> | <b>260,831</b> | <b>3.7</b>               | <b>2.3</b>               | <b>3.7</b>               | <b>2.6</b>               | <b>1,059,948</b> | <b>1,023,027</b> | <b>3.6</b>         |
| 561                          | Administrative and support services.....   | 250,301                             | 239,241        | 233,187        | 227,605        | 240,270        | 233,471        | 4.6                      | 2.6                      | 4.2                      | 2.5                      | 950,334          | 918,174          | 3.5                |
| 5613                         | Employment services.....   | X                                   | 107,144        | 101,775        | 106,689        | 113,500        | 106,232        | X                        | 5.3                      | X                        | 0.9                      | X                | 421,394          | X                  |
| 5615                         | Travel arrangement and reservation services.....                                     | X                                   | 13,975         | 13,814         | 12,901         | 12,761         | 14,241         | X                        | 1.2                      | X                        | -1.9                     | X                | 52,647           | X                  |
| 561 pt                       | Other administrative and support services <sup>11</sup>                              | X                                   | 118,122        | 117,598        | 108,015        | S              | 112,998        | X                        | 0.4                      | X                        | 4.5                      | X                | S                | X                  |
| 562                          | Waste management and remediation services.....                                       | 27,146                              | 28,375         | 28,345         | 25,748         | 27,203         | 27,360         | -4.3                     | 0.1                      | -0.2                     | 3.7                      | 109,614          | 104,853          | 4.5                |
| <b>61</b>                    | <b>Educational services<sup>12</sup></b>   | <b>19,215</b>                       | <b>18,269</b>  | <b>18,765</b>  | <b>18,143</b>  | <b>17,973</b>  | <b>17,822</b>  | <b>5.2</b>               | <b>-2.6</b>              | <b>6.9</b>               | <b>2.5</b>               | <b>74,392</b>    | <b>71,159</b>    | <b>4.5</b>         |
| 6114                         | Business schools and computer and management training.....                           | X                                   | 3,401          | 3,250          | 3,042          | 3,084          | 3,393          | X                        | 4.6                      | X                        | 0.2                      | X                | 12,671           | X                  |
| 6115                         | Technical and trade schools.....   | X                                   | 3,801          | 3,920          | 4,032          | 3,944          | 3,775          | X                        | -3.0                     | X                        | 0.7                      | X                | 15,108           | X                  |
| 6116                         | Other schools and instruction.....   | X                                   | 7,074          | 7,132          | 7,308          | S              | 6,749          | X                        | -0.8                     | X                        | 4.8                      | X                | S                | X                  |
| 6117                         | Educational support services.....  | X                                   | 3,993          | 4,463          | 3,761          | 3,980          | 3,905          | X                        | -10.5                    | X                        | 2.3                      | X                | 15,811           | X                  |
| <b>62</b>                    | <b>Health care and social assistance.....</b>  | <b>718,226</b>                      | <b>691,165</b> | <b>697,342</b> | <b>679,837</b> | <b>678,916</b> | <b>662,638</b> | <b>3.9</b>               | <b>-0.9</b>              | <b>5.8</b>               | <b>4.3</b>               | <b>2,786,570</b> | <b>2,652,544</b> | <b>5.1</b>         |
|                              | Health care and social assistance - taxable.....                                     | 351,653                             | 338,532        | 337,809        | 328,311        | 334,167        | 325,132        | 3.9                      | 0.2                      | 5.2                      | 4.1                      | 1,356,305        | 1,301,666        | 4.2                |
|                              | Health care and social assistance - tax-exempt.....                                  | 366,573                             | 352,633        | 359,533        | 351,526        | 344,749        | 337,506        | 4.0                      | -1.9                     | 6.3                      | 4.5                      | 1,430,265        | 1,350,878        | 5.9                |
| 621                          | Ambulatory health care services.....   | 282,090                             | 272,186        | 272,023        | 262,570        | 269,817        | 263,502        | 3.6                      | 0.1                      | 4.5                      | 3.3                      | 1,089,049        | 1,052,942        | 3.4                |
|                              | Ambulatory health care services - taxable.....                                       | S                                   | 244,888        | 244,462        | 235,937        | 243,261        | 237,850        | S                        | 0.2                      | S                        | 3.0                      | S                | 949,724          | S                  |
|                              | Ambulatory health care services - tax-exempt.....                                    | 28,018                              | 27,298         | 27,561         | 26,813         | 26,556         | 25,652         | 2.6                      | -1.0                     | 5.5                      | 6.4                      | 109,690          | 103,218          | 6.3                |
| 6211                         | Offices of physicians - taxable.....   | 137,803                             | 130,678        | 129,985        | 124,815        | 131,759        | 127,320        | 5.5                      | 0.5                      | 4.6                      | 2.6                      | 523,281          | 509,618          | 2.7                |
| 6212                         | Offices of dentists - taxable.....   | X                                   | S              | 33,444         | S              | S              | S              | X                        | S                        | X                        | S                        | X                | S                | X                  |
| 6213                         | Offices of other health practitioners - taxable.....                                 | X                                   | 24,414         | 24,226         | 23,002         | 23,663         | S              | X                        | 0.8                      | X                        | S                        | X                | S                | X                  |
| 6214                         | Outpatient care centers.....   | S                                   | 37,895         | 37,978         | 37,014         | 37,335         | 35,415         | S                        | -0.2                     | S                        | 7.0                      | S                | 143,778          | S                  |
|                              | Outpatient care centers - taxable.....   | X                                   | 19,882         | 19,706         | 19,091         | 19,581         | 18,380         | X                        | 0.9                      | X                        | 8.2                      | X                | 74,913           | X                  |
|                              | Outpatient care centers - tax-exempt.....  | X                                   | 18,013         | 18,272         | 17,923         | 17,754         | 17,035         | X                        | -1.4                     | X                        | 5.7                      | X                | S                | X                  |
| 6215                         | Medical and diagnostic laboratories - taxable.....                                   | 12,953                              | 12,962         | 13,277         | 12,849         | 12,901         | 12,855         | -0.1                     | -2.4                     | 0.4                      | 0.8                      | 52,041           | 51,615           | 0.8                |
| 6216                         | Home health care services.....   | X                                   | 22,043         | 22,090         | 21,693         | 22,188         | 21,939         | X                        | -0.2                     | X                        | 0.5                      | X                | 86,599           | X                  |
|                              | Home health care services - taxable.....   | X                                   | 16,715         | 16,695         | 16,518         | 16,972         | 16,917         | X                        | 0.1                      | X                        | -1.2                     | X                | 66,382           | X                  |
|                              | Home health care services - tax-exempt.....  | X                                   | 5,328          | 5,395          | 5,175          | 5,216          | 5,022          | X                        | -1.2                     | X                        | 6.1                      | X                | 20,217           | X                  |
| 6219                         | Other ambulatory health care services.....   | S                                   | 11,331         | 11,023         | 10,544         | 10,463         | 10,635         | S                        | 2.8                      | S                        | 6.5                      | S                | 41,742           | S                  |
|                              | Other ambulatory health care services - taxable.....                                 | X                                   | S              | 7,129          | 6,829          | 6,877          | 7,040          | X                        | S                        | X                        | S                        | X                | 27,606           | X                  |
|                              | Other ambulatory health care services - tax-exempt.....                              | X                                   | 3,957          | 3,894          | 3,715          | 3,586          | 3,595          | X                        | 1.6                      | X                        | 10.1                     | X                | 14,136           | X                  |
| 622                          | Hospitals.....   | 312,225                             | 302,344        | 308,246        | 302,866        | 291,333        | 289,253        | 3.3                      | -1.9                     | 7.2                      | 4.5                      | 1,225,681        | 1,154,989        | 6.1                |
|                              | Hospitals - taxable.....   | 35,359                              | 33,967         | 34,714         | 34,358         | 33,490         | 32,575         | 4.1                      | -2.2                     | 5.6                      | 4.3                      | 138,398          | 131,574          | 5.2                |
|                              | Hospitals - tax-exempt.....  | 276,866                             | 268,377        | 273,532        | 268,508        | 257,843        | 256,678        | 3.2                      | -1.9                     | 7.4                      | 4.6                      | 1,087,283        | 1,023,415        | 6.2                |
| 6221                         | General medical and surgical hospitals.....  | X                                   | 281,688        | 287,625        | 282,761        | 271,862        | 270,016        | X                        | -2.1                     | X                        | 4.3                      | X                | 1,077,460        | X                  |
|                              | General medical and surgical hospitals - taxable.....                                | X                                   | 27,431         | 27,979         | 27,742         | 26,922         | 26,327         | X                        | -2.0                     | X                        | 4.2                      | X                | 106,010          | X                  |
|                              | General medical and surgical hospitals - tax-exempt.....                             | X                                   | 254,257        | 259,646        | 255,019        | 244,940        | 243,689        | X                        | -2.1                     | X                        | 4.3                      | X                | 971,450          | X                  |
| 6222                         | Psychiatric and substance abuse hospitals.....                                       | X                                   | 6,882          | 6,866          | 6,975          | 6,688          | 6,592          | X                        | 0.2                      | X                        | 4.4                      | X                | 26,757           | X                  |
|                              | Psychiatric and substance abuse hospitals - taxable.....                             | X                                   | 2,031          | 2,060          | 2,027          | 1,984          | 1,940          | X                        | -1.4                     | X                        | 4.7                      | X                | 7,800            | X                  |
|                              | Psychiatric and substance abuse hospitals - tax-exempt.....                          | X                                   | 4,851          | 4,806          | 4,948          | 4,704          | 4,652          | X                        | 0.9                      | X                        | 4.3                      | X                | 18,957           | X                  |
| 6223                         | Specialty (except psychiatric and substance abuse) hospitals.....                    | X                                   | 13,774         | 13,755         | 13,130         | 12,783         | 12,645         | X                        | 0.1                      | X                        | 8.9                      | X                | 50,772           | X                  |
|                              | Specialty (except psychiatric and substance abuse) hospitals - taxable.....          | X                                   | 4,505          | 4,675          | 4,589          | 4,584          | 4,308          | X                        | -3.6                     | X                        | 4.6                      | X                | 17,764           | X                  |
|                              | Specialty (except psychiatric and substance abuse) hospitals - tax-exempt.....       | X                                   | 9,269          | 9,080          | 8,541          | 8,199          | 8,337          | X                        | 2.1                      | X                        | 11.2                     | X                | 33,008           | X                  |
| 623                          | Nursing and residential care facilities.....   | S                                   | 65,441         | 64,491         | 63,631         | 63,025         | 61,790         | S                        | 1.5                      | S                        | 5.9                      | S                | 245,608          | S                  |
|                              | Nursing and residential care facilities - taxable.....                               | S                                   | 43,543         | 42,397         | 41,997         | 41,163         | 40,044         | S                        | 2.7                      | S                        | 8.7                      | S                | 159,790          | S                  |
|                              | Nursing and residential care facilities - tax-exempt.....                            | 22,541                              | 21,898         | 22,094         | 21,634         | 21,862         | 21,746         | 2.9                      | -0.9                     | 3.1                      | 0.7                      | 88,167           | 85,818           | 2.7                |
| 624                          | Social assistance.....   | 55,954                              | 51,194         | 52,582         | 50,590         | 54,741         | 48,093         | 9.3                      | -2.6                     | 2.2                      | 6.4                      | 210,320          | 199,005          | 5.7                |
|                              | Social assistance - taxable.....   | X                                   | 16,134         | S              | S              | S              | S              | X                        | S                        | X                        | S                        | X                | S                | X                  |
|                              | Social assistance - tax-exempt.....  | X                                   | 35,060         | 36,346         | 34,571         | 38,488         | 33,430         | X                        | -3.5                     | X                        | 4.9                      | X                | 138,427          | X                  |
| 6241                         | Individual and family services.....  | X                                   | 26,323         | 26,955         | 25,976         | 27,881         | 25,338         | X                        | -2.3                     | X                        | 3.9                      | X                | 102,586          | X                  |
| 6242                         | Community food and housing, and emergency and other relief services.....             | X                                   | 9,402          | 9,554          | 8,881          | 11,180         | 8,413          | X                        | -1.6                     | X                        | 11.8                     | X                | 36,826           | X                  |
| 6243                         | Vocational rehabilitation services.....  | X                                   | 3,909          | 4,018          | 3,657          | 3,836          | 3,711          | X                        | -2.7                     | X                        | 5.3                      | X                | 14,578           | X                  |
| 6244                         | Child day care services.....   | X                                   | 11,560         | 12,055         | 12,076         | 11,844         | 10,631         | X                        | -4.1                     | X                        | 8.7                      | X                | 45,015           | X                  |
|                              | Child day care services - taxable.....   | X                                   | 7,773          | S              | S              | S              | S              | X                        | S                        | X                        | S                        | X                | S                | X                  |
|                              | Child day care services - tax-exempt.....  | X                                   | 3,787          | 4,027          | 4,046          | 4,100          | 3,467          | X                        | -6.0                     | X                        | 9.2                      | X                | 15,011           | X                  |

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

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

| 2012 NAICS code <sup>1</sup> | Kind of business   | Total revenue (millions of dollars) |                |                |                |                |                | Percent change           |                          |                          |                          | Year to date   |                |                    |
|------------------------------|--|-------------------------------------|----------------|----------------|----------------|----------------|----------------|--------------------------|--------------------------|--------------------------|--------------------------|----------------|----------------|--------------------|
|                              |  | 4Q 2019 (a)                         | 3Q 2019 (r)    | 2Q 2019 (r)    | 1Q 2019 (r)    | 4Q 2018 (r)    | 3Q 2018 (r)    | 4Q 2019 from 3Q 2019 (a) | 3Q 2019 from 2Q 2019 (r) | 4Q 2019 from 4Q 2018 (a) | 3Q 2019 from 3Q 2018 (r) | 2019 (a)       | 2018 (r)       | 2019 from 2018 (a) |
| <b>71</b>                    | <b>Arts, entertainment, and recreation.....</b>  | <b>77,237</b>                       | <b>79,846</b>  | <b>75,680</b>  | <b>67,046</b>  | <b>72,945</b>  | <b>75,797</b>  | <b>-3.3</b>              | <b>5.5</b>               | <b>5.9</b>               | <b>5.3</b>               | <b>299,809</b> | <b>281,034</b> | <b>6.7</b>         |
|                              | Arts, entertainment, and recreation - taxable.....   | X                                   | 66,209         | 62,321         | 55,065         | 61,124         | 62,767         | X                        | 6.2                      | X                        | 5.5                      | X              | 232,648        | X                  |
|                              | Arts, entertainment, and recreation - tax-exempt.....  | X                                   | 13,637         | 13,359         | 11,981         | 11,821         | 13,030         | X                        | 2.1                      | X                        | 4.7                      | X              | 48,386         | X                  |
| 711                          | Performing arts, spectator sports, and related industries.....   | 37,473                              | 36,163         | 32,551         | 28,334         | 35,586         | 34,867         | 3.6                      | 11.1                     | 5.3                      | 3.7                      | 134,521        | 127,403        | 5.6                |
|                              | Performing arts, spectator sports, and related industries - taxable.....   | X                                   | 32,295         | 29,040         | 25,021         | 32,355         | 31,267         | X                        | 11.2                     | X                        | 3.3                      | X              | 114,350        | X                  |
|                              | Performing arts, spectator sports, and related industries - tax-exempt.....                                      | X                                   | 3,868          | 3,511          | 3,313          | 3,231          | 3,600          | X                        | 10.2                     | X                        | 7.4                      | X              | 13,053         | X                  |
| 7111                         | Performing arts companies.....   | X                                   | 4,912          | 4,473          | 4,227          | 4,684          | 4,854          | X                        | 9.8                      | X                        | 1.2                      | X              | 18,037         | X                  |
|                              | Performing arts companies - taxable.....   | X                                   | 2,982          | 2,571          | 2,449          | 2,742          | 3,046          | X                        | 16.0                     | X                        | -2.1                     | X              | 11,009         | X                  |
|                              | Performing arts companies - tax-exempt.....  | X                                   | 1,930          | 1,902          | 1,778          | 1,942          | 1,808          | X                        | 1.5                      | X                        | 6.7                      | X              | 7,028          | X                  |
| 7112                         | Spectator sports - taxable.....  | X                                   | 13,079         | 12,146         | 8,923          | 13,955         | 12,806         | X                        | 7.7                      | X                        | 2.1                      | X              | 47,744         | X                  |
| 7113                         | Promoters of performing arts, sports, and similar events.....  | X                                   | 9,840          | 8,599          | 6,762          | 8,378          | 8,841          | X                        | 14.4                     | X                        | 11.3                     | X              | 31,024         | X                  |
|                              | Promoters of performing arts, sports, and similar events - taxable.....  | X                                   | 7,902          | 6,990          | 5,227          | 7,089          | 7,049          | X                        | 13.0                     | X                        | 12.1                     | X              | 24,999         | X                  |
|                              | Promoters of performing arts, sports, and similar events - tax-exempt.....                                       | X                                   | 1,938          | 1,609          | 1,535          | 1,289          | 1,792          | X                        | 20.4                     | X                        | 8.1                      | X              | 6,025          | X                  |
| 7114                         | Agents and managers for artists, athletes, entertainers, and other public figures - taxable.....                 | X                                   | 2,214          | 2,215          | 2,302          | 2,694          | 2,055          | X                        | Z                        | X                        | 7.7                      | X              | 8,759          | X                  |
| 7115                         | Independent artists, writers, and performers - taxable.....  | X                                   | 6,118          | 5,118          | 6,120          | S              | S              | X                        | 19.5                     | X                        | S                        | X              | S              | X                  |
| 712                          | Museums, historical sites, and similar institutions.....   | 4,697                               | 4,310          | 4,281          | 3,802          | 4,053          | 4,681          | 9.0                      | 0.7                      | 15.9                     | -7.9                     | 17,090         | 16,773         | 1.9                |
|                              | Museums, historical sites, and similar institutions - tax-exempt.....  | X                                   | 3,777          | 3,795          | 3,457          | 3,582          | 4,158          | X                        | -0.5                     | X                        | -9.2                     | X              | 14,985         | X                  |
| 713                          | Amusement, gambling, and recreation industries.....  | 35,067                              | 39,373         | 38,848         | 34,910         | 33,306         | 36,249         | -10.9                    | 1.4                      | 5.3                      | 8.6                      | 148,198        | 136,858        | 8.3                |
|                              | Amusement, gambling, and recreation industries - taxable.....  | X                                   | 33,381         | 32,795         | 29,699         | 28,298         | 30,977         | X                        | 1.8                      | X                        | 7.8                      | X              | 116,510        | X                  |
|                              | Amusement, gambling, and recreation industries - tax-exempt.....   | X                                   | 5,992          | 6,053          | 5,211          | 5,008          | 5,272          | X                        | -1.0                     | X                        | 13.7                     | X              | 20,348         | X                  |
| 7131                         | Amusement parks and arcades - taxable.....   | X                                   | 7,313          | 6,417          | 4,383          | 5,003          | 6,961          | X                        | 14.0                     | X                        | 5.1                      | X              | 21,874         | X                  |
| 7132                         | Gambling industries - taxable.....   | X                                   | 8,456          | 8,683          | 8,538          | 8,239          | 8,151          | X                        | -2.6                     | X                        | 3.7                      | X              | 32,490         | X                  |
| 7139                         | Other amusement and recreation industries.....   | X                                   | 23,604         | 23,748         | S              | S              | S              | X                        | -0.6                     | X                        | S                        | X              | S              | X                  |
|                              | Other amusement and recreation industries - taxable.....   | X                                   | S              | S              | S              | S              | S              | X                        | S                        | X                        | S                        | X              | S              | X                  |
|                              | Other amusement and recreation industries - tax-exempt.....  | X                                   | 5,992          | 6,053          | 5,211          | 5,008          | 5,272          | X                        | -1.0                     | X                        | 13.7                     | X              | 20,348         | X                  |
| <b>721</b>                   | <b>Accommodation.....</b>  | <b>64,414</b>                       | <b>74,053</b>  | <b>71,148</b>  | <b>62,461</b>  | <b>64,316</b>  | <b>70,272</b>  | <b>-13.0</b>             | <b>4.1</b>               | <b>0.2</b>               | <b>5.4</b>               | <b>272,076</b> | <b>262,193</b> | <b>3.8</b>         |
| 7211                         | Traveler accommodation.....  | X                                   | 71,117         | 68,751         | 60,693         | 62,687         | 67,459         | X                        | 3.4                      | X                        | 5.4                      | X              | 253,983        | X                  |
| 7212                         | RV (recreational vehicle) parks and recreational camps.....  | X                                   | 2,510          | 2,078          | 1,379          | 1,225          | 2,351          | X                        | 20.8                     | X                        | 6.8                      | X              | 6,624          | X                  |
| 7213                         | Rooming and boarding houses.....   | X                                   | 426            | 319            | 389            | 404            | 462            | X                        | 33.5                     | X                        | -7.8                     | X              | 1,586          | X                  |
| <b>81</b>                    | <b>Other services (except public administration)<sup>13</sup>.....</b>   | <b>180,471</b>                      | <b>150,955</b> | <b>151,296</b> | <b>150,198</b> | <b>153,808</b> | <b>145,427</b> | <b>19.6</b>              | <b>-0.2</b>              | <b>17.3</b>              | <b>3.8</b>               | <b>632,920</b> | <b>578,712</b> | <b>9.4</b>         |
| 811                          | Repair and maintenance.....  | 47,323                              | 48,337         | 48,666         | 45,373         | 44,526         | 45,284         | -2.1                     | -0.7                     | 6.3                      | 6.7                      | 189,699        | 182,249        | 4.1                |
| 8111                         | Automotive repair and maintenance.....   | X                                   | 32,181         | 32,230         | 30,076         | 29,372         | S              | X                        | -0.2                     | X                        | S                        | X              | S              | X                  |
| 8112                         | Electronic and precision equipment repair and maintenance.....   | X                                   | 4,558          | 4,710          | 4,612          | 4,299          | 4,344          | X                        | -3.2                     | X                        | 4.9                      | X              | 17,445         | X                  |
| 8113                         | Commercial and industrial machinery and equipment (except automotive and electronic) repair and maintenance..... | X                                   | 9,423          | 9,549          | 8,844          | 8,868          | 9,051          | X                        | -1.3                     | X                        | 4.1                      | X              | 35,763         | X                  |
| 8114                         | Personal and household goods repair and maintenance.....   | X                                   | 2,175          | S              | 1,841          | 1,987          | 2,022          | X                        | S                        | X                        | 7.6                      | X              | 7,970          | X                  |
| 812                          | Personal and laundry services.....   | S                                   | S              | 30,567         | S              | S              | S              | S                        | S                        | S                        | S                        | S              | S              | S                  |
| 8121                         | Personal care services.....  | X                                   | S              | S              | S              | S              | S              | X                        | S                        | X                        | S                        | X              | S              | X                  |
| 8122                         | Death care services.....   | X                                   | 4,656          | 4,556          | 4,912          | 4,738          | 4,674          | X                        | 2.2                      | X                        | -0.4                     | X              | 18,929         | X                  |
| 8123                         | Drycleaning and laundry services.....  | X                                   | 7,375          | 7,492          | 7,036          | 7,328          | 7,208          | X                        | -1.6                     | X                        | 2.3                      | X              | 28,589         | X                  |
| 8129                         | Other personal services.....   | X                                   | S              | S              | S              | S              | S              | X                        | S                        | X                        | S                        | X              | S              | X                  |
| 813                          | Religious, grantmaking, civic, professional, and similar organizations - tax-exempt <sup>14</sup> .....          | X                                   | 71,486         | 72,063         | 74,873         | 78,556         | 70,832         | X                        | -0.8                     | X                        | 0.9                      | X              | 278,642        | X                  |

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

S Estimate does not meet standards because of high variability (coefficient of variation greater than 30%), poor response quality (total quantity response rate is less than 50%) or other concerns about the estimate's quality. Unpublished estimates derived from this table by subtraction are subject to these same limitations and should not be attributed to the U.S. Census Bureau. For a description of publication standards and the total quantity response rate, see <https://www.census.gov/about/policies/quality/standards/standardf1.html>.

X Estimate is not available for advance release.

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

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

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

| 2012<br>NAICS<br>code <sup>1</sup> | Kind of business | Total revenue (millions of dollars) |                   |                   |                   |                   |                   | Percent change                    |                                   |                                   |                                   | Year to date |             |                             |
|------------------------------------|------------------|-------------------------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-----------------------------------|-----------------------------------|-----------------------------------|-----------------------------------|--------------|-------------|-----------------------------|
|                                    |                  | 4Q<br>2019<br>(a)                   | 3Q<br>2019<br>(r) | 2Q<br>2019<br>(r) | 1Q<br>2019<br>(r) | 4Q<br>2018<br>(r) | 3Q<br>2018<br>(r) | 4Q 2019<br>from<br>3Q 2019<br>(a) | 3Q 2019<br>from<br>2Q 2019<br>(r) | 4Q 2019<br>from<br>4Q 2018<br>(a) | 3Q 2019<br>from<br>3Q 2018<br>(r) | 2019<br>(a)  | 2018<br>(r) | 2019<br>from<br>2018<br>(a) |

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

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

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

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

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

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

| 2012 NAICS code | Kind of business   | Coefficient of variation for total revenue |            |            |            |            |            | Standard error for percent change |                       |                       |                       | Year to Date             |            |                    |
|-----------------|--|--|------------|------------|------------|------------|------------|-----------------------------------|-----------------------|-----------------------|-----------------------|--------------------------|------------|--------------------|
|                 |  | 4Q   |            | 3Q         |            | 2Q         |            | 4Q                                |                       | 3Q                    |                       | Coefficient of variation |            | Standard error     |
|                 |  | 2019 (a)                                   | 2019 (r)   | 2019 (r)   | 2019 (r)   | 2018 (r)   | 2018 (r)   | 2019 from 3Q 2019 (a)             | 2019 from 2Q 2019 (r) | 2019 from 4Q 2018 (a) | 2019 from 3Q 2018 (r) | 2019 (a)                 | 2018 (r)   | 2019 from 2018 (a) |
|                 | <b>Selected Services Total.....</b>  | <b>1.0</b>                                 | <b>0.9</b> | <b>0.9</b> | <b>0.9</b> | <b>0.8</b> | <b>0.8</b> | <b>0.2</b>                        | <b>0.1</b>            | <b>0.3</b>            | <b>0.2</b>            | <b>1.0</b>               | <b>0.8</b> | <b>0.3</b>         |
| <b>22</b>       | <b>Utilities.....</b>  | <b>2.7</b>                                 | <b>2.8</b> | <b>2.4</b> | <b>2.0</b> | <b>2.0</b> | <b>3.0</b> | <b>0.7</b>                        | <b>1.2</b>            | <b>1.0</b>            | <b>0.5</b>            | <b>2.4</b>               | <b>2.3</b> | <b>0.3</b>         |
| 2211            | Electric power generation, transmission and distribution.....                                | X  | 3.2        | 3.0        | 3.1        | 2.8        | 3.5        | X                                 | 1.5                   | X                     | 0.5                   | X                        | 3.0        | X                  |
| 2212            | Natural gas distribution.....  | X  | 6.1        | 6.3        | 4.6        | 5.1        | 8.0        | X                                 | 1.2                   | X                     | 1.9                   | X                        | 5.7        | X                  |
| 2213            | Water, sewage and other systems.....   | X  | 5.0        | 6.0        | 5.6        | 4.8        | 5.4        | X                                 | 4.3                   | X                     | 2.1                   | X                        | 4.9        | X                  |
| <b>48-49</b>    | <b>Transportation and warehousing.....</b>   | <b>2.0</b>                                 | <b>1.8</b> | <b>1.9</b> | <b>1.6</b> | <b>1.7</b> | <b>1.7</b> | <b>0.4</b>                        | <b>0.3</b>            | <b>0.9</b>            | <b>0.6</b>            | <b>1.8</b>               | <b>1.7</b> | <b>0.6</b>         |
| 481             | Air transportation.....  | 1.7  | 1.5        | 1.7        | 1.9        | 1.9        | 1.6        | 0.4                               | 0.6                   | 0.5                   | 0.4                   | 1.7                      | 1.7        | 0.3                |
| 483             | Water transportation.....  | 7.6  | 7.6        | 7.9        | 7.4        | 8.1        | 8.1        | 0.8                               | 1.6                   | 0.6                   | 1.6                   | 7.6                      | 8.2        | 1.2                |
| 4831            | Deep sea, coastal, and Great Lakes water transportation.....                                 | X  | 8.7        | 9.4        | 8.8        | 9.8        | 9.4        | X                                 | 2.0                   | X                     | 1.9                   | X                        | 9.7        | X                  |
| 4832            | Inland water transportation.....   | X  | 3.9        | 4.2        | 4.0        | 3.7        | 4.1        | X                                 | 2.4                   | X                     | 1.1                   | X                        | 3.8        | X                  |
| 484             | Truck transportation.....  | 2.5  | 2.2        | 2.5        | 1.9        | 2.6        | 2.5        | 0.4                               | 0.9                   | 1.6                   | 1.4                   | 2.2                      | 2.5        | 1.3                |
| 4841            | General freight trucking.....  | X  | 2.8        | 2.8        | 2.4        | 2.2        | 2.5        | X                                 | 0.6                   | X                     | 1.9                   | X                        | 2.5        | X                  |
| 48412           | General freight trucking, long-distance.....   | X  | 4.2        | 4.0        | 3.7        | 3.7        | 3.3        | X                                 | 0.8                   | X                     | 2.5                   | X                        | 3.3        | X                  |
| 4842            | Specialized freight trucking.....  | X  | 4.0        | 6.1        | 5.2        | 6.2        | 5.7        | X                                 | 2.3                   | X                     | 2.3                   | X                        | S          | X                  |
| 485             | Transit and ground passenger transportation.....   | 3.6  | 3.3        | 3.8        | 3.8        | 3.3        | 4.0        | 0.8                               | 0.9                   | 2.5                   | 2.1                   | 3.6                      | 3.4        | 1.7                |
| 486             | Pipeline transportation.....   | X  | 1.2        | 1.1        | 1.3        | 1.1        | 1.2        | X                                 | 0.3                   | X                     | 0.2                   | X                        | 1.2        | X                  |
| 487             | Scenic and sightseeing transportation.....   | X  | 7.7        | 7.0        | 8.5        | 6.3        | 7.4        | X                                 | 6.1                   | X                     | 4.2                   | X                        | 6.6        | X                  |
| 488             | Support activities for transportation.....   | 4.4  | 3.8        | 3.7        | 3.3        | 3.1        | 3.0        | 1.0                               | 1.2                   | 1.8                   | 1.2                   | 3.7                      | 3.1        | 1.1                |
| 492             | Couriers and messengers.....   | 4.3  | 3.8        | 3.3        | 3.2        | 3.5        | 3.6        | 0.5                               | 0.6                   | 1.1                   | 0.7                   | 3.7                      | 3.4        | 0.6                |
| 493             | Warehousing and storage.....   | 6.7  | 6.0        | 5.8        | 5.1        | 5.3        | 4.7        | 2.4                               | 1.0                   | 2.8                   | 1.7                   | 5.8                      | 5.2        | 1.5                |
| <b>51</b>       | <b>Information.....</b>  | <b>1.5</b>                                 | <b>1.5</b> | <b>1.4</b> | <b>1.4</b> | <b>1.4</b> | <b>1.5</b> | <b>0.2</b>                        | <b>0.3</b>            | <b>0.5</b>            | <b>0.5</b>            | <b>1.5</b>               | <b>1.4</b> | <b>0.3</b>         |
| 511             | Publishing industries (except Internet).....   | 2.7  | 3.1        | 3.1        | 2.8        | 2.3        | 3.1        | 0.8                               | 1.1                   | 1.9                   | 2.7                   | 2.9                      | 2.7        | 1.5                |
| 51111           | Newspaper publishers.....  | X  | 4.9        | 4.7        | 4.5        | 5.0        | 5.0        | X                                 | 0.5                   | X                     | 0.7                   | X                        | 4.8        | X                  |
| 51112           | Periodical publishers.....   | X  | 4.8        | 4.1        | 5.3        | 5.4        | S          | X                                 | 1.8                   | X                     | S                     | X                        | S          | X                  |
| 5111 pt         | Book, directory and mailing list, and other publishers.....                                  | X  | 3.7        | 3.9        | 4.0        | 4.3        | 3.6        | X                                 | 2.5                   | X                     | 0.9                   | X                        | 3.6        | X                  |
| 5112            | Software publishers.....   | 3.3  | 3.6        | 3.6        | 3.2        | 2.4        | 3.5        | 1.0                               | 1.3                   | 2.4                   | 3.6                   | 3.3                      | 3.1        | 2.1                |
| 512             | Motion picture and sound recording industries.....   | 2.1  | 1.8        | 2.1        | 1.6        | 1.2        | 1.2        | 1.4                               | 0.6                   | 2.2                   | 1.2                   | 1.7                      | 1.1        | 1.2                |
| 515             | Broadcasting (except Internet).....  | X  | 0.9        | 0.8        | 0.6        | 1.0        | 1.0        | X                                 | 0.4                   | X                     | 0.7                   | X                        | 0.9        | X                  |
| 5151            | Radio and television broadcasting.....   | X  | 1.5        | 1.7        | 1.5        | 2.2        | 2.3        | X                                 | 0.4                   | X                     | 1.1                   | X                        | 1.9        | X                  |
| 5152            | Cable and other subscription programming.....  | X  | 1.8        | 1.2        | 1.2        | 1.2        | 1.2        | X                                 | 0.6                   | X                     | 0.5                   | X                        | 1.2        | X                  |
| 517             | Telecommunications.....  | 1.4  | 1.5        | 1.5        | 1.5        | 1.4        | 1.4        | 0.1                               | 0.1                   | 0.3                   | 0.2                   | 1.5                      | 1.5        | 0.2                |
| 5171            | Wired telecommunications carriers.....   | 2.0  | 2.0        | 2.0        | 2.0        | 1.9        | 1.9        | 0.2                               | 0.2                   | 0.4                   | 0.3                   | 2.0                      | 2.0        | 0.4                |
| 5172            | Wireless telecommunications carriers (except satellite).....                                 | 2.0  | 2.1        | 2.1        | 2.0        | 1.9        | 2.0        | 0.2                               | 0.2                   | 0.3                   | 0.2                   | 2.0                      | 2.0        | 0.4                |
| 517 pt          | Other telecommunications.....  | X  | 4.3        | 4.4        | 4.2        | 4.2        | 4.5        | X                                 | 0.3                   | X                     | 0.7                   | X                        | 4.3        | X                  |
| 518             | Data processing, hosting, and related services.....  | 3.0  | 3.2        | 3.0        | 3.4        | 2.9        | 3.2        | 0.3                               | 0.4                   | 0.7                   | 0.6                   | 3.2                      | 3.2        | 0.6                |
| 519             | Other information services.....  | 4.6  | 4.3        | 3.8        | 4.2        | 4.1        | 3.8        | 0.7                               | 0.9                   | 1.9                   | 1.4                   | 4.2                      | 3.8        | 1.2                |
| <b>52</b>       | <b>Finance and insurance.....</b>  | <b>2.2</b>                                 | <b>2.1</b> | <b>2.0</b> | <b>2.2</b> | <b>2.0</b> | <b>1.9</b> | <b>0.2</b>                        | <b>0.2</b>            | <b>0.6</b>            | <b>0.8</b>            | <b>2.1</b>               | <b>2.0</b> | <b>0.6</b>         |
| 52 pt           | Finance and insurance (except monetary authorities-central bank).....                        | X  | 2.2        | 2.1        | 2.2        | 2.1        | 2.0        | X                                 | 0.2                   | X                     | 0.8                   | X                        | 2.0        | X                  |
| 521             | Monetary authorities-central bank.....   | X  | 0.0        | 0.0        | 0.0        | 0.0        | 0.0        | X                                 | 0.0                   | X                     | 0.0                   | X                        | 0.0        | X                  |
| 522             | Credit intermediation and related activities.....  | 2.5  | 2.5        | 2.5        | 2.3        | 2.2        | 1.9        | 0.4                               | 0.7                   | 1.0                   | 1.2                   | 2.4                      | 1.9        | 0.9                |
| 5221            | Depository credit intermediation.....  | X  | 4.4        | 4.1        | 4.0        | 4.0        | 3.5        | X                                 | 1.1                   | X                     | 1.4                   | X                        | 3.5        | X                  |
| 5222            | Nondepository credit intermediation.....   | X  | 4.2        | 4.1        | 3.8        | 3.5        | 3.3        | X                                 | 0.7                   | X                     | 1.7                   | X                        | 3.2        | X                  |
| 5223            | Activities related to credit intermediation.....   | X  | 2.6        | 2.9        | 2.9        | 2.5        | 2.9        | X                                 | 0.5                   | X                     | 1.1                   | X                        | 2.7        | X                  |
| 523             | Securities, commodity contracts, and other financial investments and related activities..... | X  | 4.8        | 5.0        | 5.8        | 4.9        | 5.1        | X                                 | 0.8                   | X                     | 1.1                   | X                        | 5.0        | X                  |
| 5231            | Securities and commodity contracts intermediation and brokerage.....                         | X  | 10.8       | 11.1       | 11.2       | 10.5       | 10.5       | X                                 | 2.0                   | X                     | 2.2                   | X                        | 10.1       | X                  |
| 5232            | Securities and commodity exchanges.....  | X  | Z          | Z          | Z          | Z          | Z          | X                                 | Z                     | X                     | Z                     | X                        | Z          | X                  |
| 5239            | Other financial investment activities.....   | X  | 2.1        | 2.1        | 2.8        | 3.3        | 2.1        | X                                 | 0.3                   | X                     | 1.4                   | X                        | 2.7        | X                  |
| 524             | Insurance carriers and related activities.....   | 2.9  | 2.8        | 2.9        | 2.9        | 2.8        | 2.7        | 0.4                               | 0.3                   | 0.9                   | 0.9                   | 2.9                      | 2.7        | 0.8                |
| 5241            | Insurance carriers.....  | X  | 3.4        | 3.4        | 3.4        | 3.3        | 3.1        | X                                 | 0.3                   | X                     | 1.1                   | X                        | 3.1        | X                  |
| 5242            | Agencies, brokerages, and other insurance related activities.....                            | X  | 2.6        | 2.5        | 2.9        | 2.7        | 3.0        | X                                 | 1.7                   | X                     | 1.4                   | X                        | 2.8        | X                  |
| <b>53</b>       | <b>Real estate and rental and leasing.....</b>   | <b>1.6</b>                                 | <b>1.3</b> | <b>1.5</b> | <b>1.2</b> | <b>1.2</b> | <b>1.1</b> | <b>0.7</b>                        | <b>0.6</b>            | <b>0.7</b>            | <b>0.5</b>            | <b>1.4</b>               | <b>0.9</b> | <b>0.6</b>         |
| 531             | Real estate.....   | S  | 0.8        | 0.9        | 0.9        | 1.2        | 1.1        | S                                 | 0.6                   | S                     | 0.6                   | S                        | 1.1        | S                  |
| 5311            | Lessors of real estate.....  | X  | 0.9        | 1.3        | 1.3        | 1.7        | 1.8        | X                                 | 0.5                   | X                     | 1.4                   | X                        | 1.8        | X                  |
| 5312            | Offices of real estate agents and brokers.....   | X  | 2.7        | 2.6        | 2.4        | 2.8        | 2.6        | X                                 | 1.5                   | X                     | 2.6                   | X                        | 2.6        | X                  |
| 5313            | Activities related to real estate.....   | X  | 2.5        | 2.7        | 2.7        | S          | S          | X                                 | 1.2                   | X                     | S                     | X                        | S          | X                  |
| 532             | Rental and leasing services.....   | 4.2  | 3.8        | 3.9        | 3.5        | 4.0        | 3.8        | 1.0                               | 0.6                   | 1.2                   | 1.5                   | 3.8                      | 3.3        | 1.3                |
| 5321            | Automotive equipment rental and leasing.....   | X  | 1.5        | 1.6        | 1.6        | 1.8        | 1.9        | X                                 | 0.2                   | X                     | 0.7                   | X                        | 1.9        | X                  |
| 53211           | Passenger car rental and leasing.....  | X  | 3.1        | 3.5        | 3.4        | 3.4        | 3.5        | X                                 | 0.4                   | X                     | 0.7                   | X                        | 3.6        | X                  |
| 53212           | Truck, utility trailer, and RV (recreational vehicle) rental and leasing.....                | X  | 3.6        | 3.8        | 4.0        | 4.6        | 3.8        | X                                 | 0.4                   | X                     | 1.3                   | X                        | 3.9        | X                  |
| 5322            | Consumer goods rental.....   | X  | 9.0        | 8.8        | 6.9        | 6.7        | 5.9        | X                                 | 5.2                   | X                     | 7.3                   | X                        | 6.0        | X                  |
| 5323            | General rental centers.....  | X  | S          | S          | S          | S          | S          | X                                 | S                     | X                     | S                     | X                        | S          | X                  |

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

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

| 2012 NAICS code | Kind of business   | Coefficient of variation for total revenue |            |            |            |            |            | Standard error for percent change |              |              |              | Year to Date |            |               |
|-----------------|--|--|------------|------------|------------|------------|------------|-----------------------------------|--------------|--------------|--------------|--------------|------------|---------------|
|                 |  | 2019                                       |            | 2018       |            | 2019       |            | 2019                              |              | 2019         |              | 2019         |            | 2019          |
|                 |  | (a)  | (r)        | (r)        | (r)        | (r)        | (r)        | from 3Q 2019                      | from 2Q 2019 | from 4Q 2018 | from 3Q 2018 | (a)          | (r)        | from 2018 (a) |
| 5324            | Commercial and industrial machinery and equipment rental and leasing.....            | X  | 7.4        | 7.7        | 7.3        | 8.6        | 9.2        | X                                 | 0.6          | X            | 3.1          | X            | 8.0        | X             |
| 533             | Lessors of nonfinancial intangible assets (except copyrighted works).....            | X  | 5.9        | 5.4        | 4.4        | 4.7        | 5.0        | X                                 | 2.3          | X            | 1.4          | X            | 4.8        | X             |
| <b>54</b>       | <b>Professional, scientific, and technical services.....</b>                         | <b>2.5</b>                                 | <b>2.4</b> | <b>2.2</b> | <b>2.2</b> | <b>2.3</b> | <b>2.5</b> | <b>0.9</b>                        | <b>0.5</b>   | <b>0.7</b>   | <b>0.7</b>   | <b>2.3</b>   | <b>2.1</b> | <b>0.5</b>    |
| 5411            | Legal services.....  | 3.2  | 3.5        | 3.1        | 3.7        | 4.0        | 4.0        | 2.8                               | 2.4          | 2.1          | 3.4          | 3.0          | 3.6        | 1.8           |
| 5412            | Accounting, tax preparation, bookkeeping, and payroll services.....                  | 2.8  | 2.5        | 2.8        | 1.8        | 2.8        | 1.8        | 0.7                               | 1.1          | 1.0          | 1.3          | 2.2          | 1.9        | 1.3           |
| 5413            | Architectural, engineering, and related services.....                                | 4.7  | 4.9        | 4.2        | 3.1        | 3.7        | 4.2        | 1.2                               | 1.3          | 2.1          | 2.0          | 4.2          | 3.4        | 1.6           |
| 5413 pt         | Architectural and related services.....  | X  | 7.2        | 6.3        | 6.5        | 6.7        | 6.2        | X                                 | 3.0          | X            | 5.4          | X            | 5.4        | X             |
| 54133           | Engineering services.....  | X  | 5.4        | 4.3        | 3.6        | 3.9        | 4.1        | X                                 | 1.9          | X            | 3.1          | X            | 3.7        | X             |
| 5414            | Specialized design services.....   | X  | 6.5        | 7.3        | 5.9        | 6.1        | 5.3        | X                                 | 3.8          | X            | 4.3          | X            | 5          | X             |
| 5415            | Computer systems design and related services.....                                    | 2.5  | 2.9        | 3.2        | 2.9        | 3.5        | 3.2        | 1.2                               | 0.6          | 1.5          | 1.4          | 2.8          | 2.5        | 0.8           |
| 5416            | Management, scientific, and technical consulting services.....                       | 3.7  | 4.0        | 3.8        | 3.4        | 3.7        | 3.7        | 0.9                               | 1.0          | 1.7          | 1.6          | 3.7          | 3.8        | 1.4           |
| 5417            | Scientific research and development services.....                                    | X  | 9.2        | 8.2        | 8.2        | 7.8        | 8.8        | X                                 | 1.0          | X            | 3.2          | X            | 8.3        | X             |
| 5418            | Advertising, public relations, and related services.....                             | 3.0  | 3.1        | 2.7        | 2.2        | 2.3        | 2.1        | 0.6                               | 0.8          | 1.9          | 1.6          | 2.7          | 2.2        | 1.4           |
| 5419            | Other professional, scientific, and technical services.....                          | X  | 5          | 6.1        | 6.3        | 5          | 5.2        | X                                 | 5            | X            | 5            | X            | 5          | X             |
| <b>56</b>       | <b>Administrative and support and waste management and remediation services.....</b> | <b>3.3</b>                                 | <b>2.9</b> | <b>3.3</b> | <b>3.0</b> | <b>3.4</b> | <b>3.2</b> | <b>0.6</b>                        | <b>0.4</b>   | <b>1.1</b>   | <b>1.3</b>   | <b>3.1</b>   | <b>3.1</b> | <b>0.9</b>    |
| 561             | Administrative and support services.....   | 3.7  | 3.4        | 3.8        | 3.4        | 3.9        | 3.6        | 0.6                               | 0.5          | 1.3          | 1.4          | 3.5          | 3.5        | 1.0           |
| 5613            | Employment services.....   | X  | 5.0        | 5.8        | 5.9        | 6.2        | 6.0        | X                                 | 1.6          | X            | 3.1          | X            | 5.8        | X             |
| 5615            | Travel arrangement and reservation services.....                                     | X  | 4.6        | 4.3        | 4.0        | 4.0        | 4.7        | X                                 | 1.7          | X            | 1.2          | X            | 4.7        | X             |
| 561 pt          | Other administrative and support services.....                                       | X  | 4.2        | 4.3        | 3.4        | 5          | 3.9        | X                                 | 1.2          | X            | 0.8          | X            | 5          | X             |
| 562             | Waste management and remediation services.....                                       | 3.9  | 3.4        | 3.3        | 3.0        | 3.4        | 2.7        | 1.6                               | 1.1          | 2.2          | 1.3          | 3.3          | 2.7        | 0.9           |
| <b>61</b>       | <b>Educational services.....</b>   | <b>3.5</b>                                 | <b>4.5</b> | <b>3.8</b> | <b>3.9</b> | <b>4.6</b> | <b>4.2</b> | <b>1.6</b>                        | <b>2.3</b>   | <b>1.7</b>   | <b>1.5</b>   | <b>3.8</b>   | <b>3.8</b> | <b>0.8</b>    |
| 6114            | Business schools and computer and management training.....                           | X  | 6.8        | 6.7        | 6.6        | 7.2        | 6.9        | X                                 | 3.4          | X            | 2.7          | X            | 6.7        | X             |
| 6115            | Technical and trade schools.....   | X  | 7.1        | 6.8        | 6.8        | 7.1        | 5.9        | X                                 | 2.3          | X            | 4.1          | X            | 6.5        | X             |
| 6116            | Other schools and instruction.....   | X  | 9.8        | 8.1        | 8.2        | 5          | 7.9        | X                                 | 5.1          | X            | 3.7          | X            | 5          | X             |
| 6117            | Educational support services.....  | X  | 3.4        | 4.0        | 4.8        | 4.5        | 7.2        | X                                 | 1.3          | X            | 4.4          | X            | 4.8        | X             |
| <b>62</b>       | <b>Health care and social assistance.....</b>  | <b>1.9</b>                                 | <b>1.6</b> | <b>1.7</b> | <b>1.7</b> | <b>1.8</b> | <b>1.6</b> | <b>0.4</b>                        | <b>0.3</b>   | <b>0.6</b>   | <b>0.4</b>   | <b>1.7</b>   | <b>1.7</b> | <b>0.4</b>    |
|                 | Health care and social assistance - taxable.....                                     | 2.5  | 2.2        | 2.1        | 2.3        | 2.3        | 2.1        | 0.5                               | 0.3          | 0.9          | 0.8          | 2.3          | 2.1        | 0.8           |
|                 | Health care and social assistance - tax-exempt.....                                  | 1.9  | 1.5        | 1.7        | 1.5        | 1.7        | 1.8        | 0.6                               | 0.3          | 0.7          | 0.5          | 1.6          | 1.8        | 0.4           |
| 621             | Ambulatory health care services.....   | 2.0  | 1.5        | 1.6        | 1.9        | 1.9        | 1.7        | 0.5                               | 0.4          | 0.8          | 0.8          | 1.7          | 1.8        | 0.8           |
|                 | Ambulatory health care services - taxable.....                                       | 5  | 1.8        | 1.8        | 2.0        | 2.1        | 1.9        | 5                                 | 0.4          | 5            | 0.9          | 5            | 2.0        | 5             |
|                 | Ambulatory health care services - tax-exempt.....                                    | 4.7  | 4.5        | 4.5        | 4.8        | 4.9        | 4.2        | 0.7                               | 0.7          | 0.9          | 0.9          | 4.6          | 4.6        | 0.6           |
| 6211            | Offices of physicians - taxable.....   | 3.5  | 3.2        | 3.1        | 3.4        | 3.3        | 2.9        | 0.8                               | 0.7          | 1.7          | 1.8          | 3.3          | 3.0        | 1.4           |
| 6212            | Offices of dentists - taxable.....   | X  | 5          | 3.7        | 5          | 5          | 5          | X                                 | 5            | X            | 5            | X            | 5          | X             |
| 6213            | Offices of other health practitioners - taxable.....                                 | X  | 6.3        | 6.0        | 5.6        | 5.2        | 5          | X                                 | 1.7          | X            | 5            | X            | 5          | X             |
| 6214            | Outpatient care centers.....   | 5  | 2.9        | 2.9        | 2.9        | 2.9        | 2.2        | 5                                 | 0.5          | 5            | 1.1          | 5            | 2.6        | 5             |
|                 | Outpatient care centers - taxable.....   | X  | 4.0        | 4.1        | 3.8        | 3.3        | 3.0        | X                                 | 0.8          | X            | 2.1          | X            | 3.0        | X             |
|                 | Outpatient care centers - tax-exempt.....  | X  | 6.0        | 5.9        | 6.3        | 6.4        | 5.6        | X                                 | 0.8          | X            | 1.2          | X            | 5          | X             |
| 6215            | Medical and diagnostic laboratories - taxable.....                                   | 3.8  | 3.9        | 4.0        | 4.1        | 4.5        | 4.1        | 0.3                               | 0.4          | 1.3          | 1.1          | 3.9          | 4.2        | 1.1           |
| 6216            | Home health care services.....   | X  | 6.0        | 6.2        | 6.2        | 6.0        | 6.3        | X                                 | 0.7          | X            | 1.0          | X            | 6.0        | X             |
|                 | Home health care services - taxable.....   | X  | 7.1        | 7.4        | 7.5        | 7.0        | 7.5        | X                                 | 1.2          | X            | 2.0          | X            | 7.2        | X             |
|                 | Home health care services - tax-exempt.....  | X  | 6.0        | 5.9        | 5.6        | 6.0        | 6.2        | X                                 | 1.5          | X            | 2.2          | X            | 5.8        | X             |
| 6219            | Other ambulatory health care services.....   | 5  | 3.2        | 3.3        | 3.2        | 3.2        | 3.7        | 5                                 | 0.4          | 5            | 1.1          | 5            | 3.6        | 5             |
|                 | Other ambulatory health care services - taxable.....                                 | X  | 5          | 3.6        | 3.3        | 3.5        | 4.4        | X                                 | 5            | X            | 5            | X            | 4.0        | X             |
|                 | Other ambulatory health care services - tax-exempt.....                              | X  | 4.9        | 4.4        | 4.5        | 4.1        | 3.9        | X                                 | 1.2          | X            | 2.0          | X            | 3.8        | X             |
| 622             | Hospitals.....   | 3.0  | 2.6        | 2.9        | 2.6        | 2.7        | 2.8        | 0.7                               | 0.3          | 0.9          | 0.5          | 2.8          | 2.7        | 0.4           |
|                 | Hospitals - taxable.....   | 11.4                                       | 10.9       | 11.4       | 11.2       | 11.0       | 10.7       | 0.9                               | 0.8          | 1.5          | 0.6          | 11.2         | 10.1       | 1.0           |
|                 | Hospitals - tax-exempt.....  | 2.4  | 1.9        | 2.1        | 1.9        | 2.1        | 2.2        | 0.7                               | 0.3          | 0.8          | 0.6          | 2.0          | 2.2        | 0.4           |
| 6221            | General medical and surgical hospitals.....  | X  | 2.5        | 2.8        | 2.4        | 2.6        | 2.7        | X                                 | 0.3          | X            | 0.6          | X            | 2.6        | X             |
|                 | General medical and surgical hospitals - taxable.....                                | X  | 11.6       | 11.9       | 11.8       | 11.6       | 11.7       | X                                 | 0.9          | X            | 0.9          | X            | 10.9       | X             |
|                 | General medical and surgical hospitals - tax-exempt.....                             | X  | 1.9        | 2.2        | 1.9        | 2.1        | 2.3        | X                                 | 0.4          | X            | 0.7          | X            | 2.3        | X             |
| 6222            | Psychiatric and substance abuse hospitals.....                                       | X  | 5.6        | 6.0        | 5.1        | 5.2        | 5.2        | X                                 | 1.0          | X            | 1.2          | X            | 5.3        | X             |
|                 | Psychiatric and substance abuse hospitals - taxable.....                             | X  | 7.5        | 7.7        | 7.6        | 7.5        | 7.4        | X                                 | 0.3          | X            | 0.8          | X            | 7.4        | X             |
|                 | Psychiatric and substance abuse hospitals - tax-exempt.....                          | X  | 7.6        | 8.2        | 6.9        | 6.7        | 6.7        | X                                 | 1.6          | X            | 2.0          | X            | 6.5        | X             |
| 6223            | Specialty (except psychiatric and substance abuse) hospitals.....                    | X  | 7.8        | 8.7        | 8.8        | 8.2        | 7.5        | X                                 | 0.7          | X            | 0.6          | X            | 7.4        | X             |
|                 | Specialty (except psychiatric and substance abuse) hospitals - taxable.....          | X  | 13.6       | 15.3       | 14.7       | 14.3       | 12.6       | X                                 | 1.4          | X            | 1.5          | X            | 12.7       | X             |
|                 | Specialty (except psychiatric and substance abuse) hospitals - tax-exempt.....       | X  | 4.9        | 5.1        | 5.5        | 4.6        | 5.1        | X                                 | 0.2          | X            | 0.4          | X            | 4.7        | X             |
| 623             | Nursing and residential care facilities.....   | 5  | 2.7        | 2.4        | 2.6        | 2.8        | 2.7        | 5                                 | 0.7          | 5            | 1.2          | 5            | 2.6        | 5             |
|                 | Nursing and residential care facilities - taxable.....                               | 5  | 2.7        | 2.5        | 2.7        | 2.8        | 2.5        | 5                                 | 0.6          | 5            | 1.4          | 5            | 2.5        | 5             |
|                 | Nursing and residential care facilities - tax-exempt.....                            | 4.0  | 3.5        | 4.0        | 3.9        | 3.6        | 4.5        | 0.8                               | 1.5          | 1.4          | 1.6          | 3.8          | 3.9        | 0.6           |

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

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

| 2012 NAICS code | Kind of business   | Coefficient of variation for total revenue |            |            |            |            |            | Standard error for percent change |                  |                  |                  | Year to Date |            |               |
|-----------------|--|--|------------|------------|------------|------------|------------|-----------------------------------|------------------|------------------|------------------|--------------|------------|---------------|
|                 |  | 2019                                       |            | 2018       |            | 2019       |            | 2019                              |                  | 2019             |                  | 2019         |            | 2019          |
|                 |  | (a)  | (r)        | (r)        | (r)        | (r)        | (r)        | from 3Q 2019 (a)                  | from 2Q 2019 (r) | from 4Q 2018 (a) | from 3Q 2018 (r) | (a)          | (r)        | from 2018 (a) |
| 624             | Social assistance.....   | 3.6  | 3.5        | 3.7        | 3.4        | 3.5        | 2.9        | 0.9                               | 0.9              | 1.3              | 1.3              | 3.5          | 2.8        | 1.1           |
|                 | Social assistance - taxable.....   | X  | 4.4        | S          | S          | S          | S          | X                                 | S                | X                | S                | X            | S          | X             |
|                 | Social assistance - tax-exempt.....  | X  | 4.0        | 4.0        | 4.1        | 3.9        | 3.8        | X                                 | 1.0              | X                | 1.4              | X            | 3.7        | X             |
| 6241            | Individual and family services.....  | X  | 6.3        | 5.9        | 6.0        | 5.6        | 4.7        | X                                 | 1.5              | X                | 2.1              | X            | 4.7        | X             |
| 6242            | Community food and housing, and emergency and other relief services.....                 | X  | 7.1        | 7.3        | 4.9        | 6.6        | 6.2        | X                                 | 2.7              | X                | 2.3              | X            | 5.9        | X             |
| 6243            | Vocational rehabilitation services.....  | X  | 12.8       | 11.4       | 12.1       | 14.2       | 11.2       | X                                 | 2.4              | X                | 1.9              | X            | 11.5       | X             |
| 6244            | Child day care services.....   | X  | 6.7        | 6.1        | 6.4        | 6.3        | 5.3        | X                                 | 1.7              | X                | 3.3              | X            | 5.7        | X             |
|                 | Child day care services - taxable.....   | X  | 7.7        | S          | S          | S          | S          | X                                 | S                | X                | S                | X            | S          | X             |
|                 | Child day care services - tax-exempt.....  | X  | 12.2       | 11.3       | 10.7       | 11.4       | 11.3       | X                                 | 3.3              | X                | 6.6              | X            | 11.2       | X             |
| <b>71</b>       | <b>Arts, entertainment, and recreation.....</b>  | <b>3.0</b>                                 | <b>2.4</b> | <b>2.6</b> | <b>3.9</b> | <b>2.9</b> | <b>2.9</b> | <b>1.8</b>                        | <b>1.1</b>       | <b>0.9</b>       | <b>1.4</b>       | <b>2.8</b>   | <b>2.8</b> | <b>0.8</b>    |
|                 | Arts, entertainment, and recreation - taxable.....                                       | X  | 2.7        | 3.0        | 4.6        | 3.3        | 3.1        | X                                 | 1.5              | X                | 1.7              | X            | 3.1        | X             |
|                 | Arts, entertainment, and recreation - tax-exempt.....                                    | X  | 2.5        | 3.0        | 2.9        | 2.8        | 3.5        | X                                 | 2.7              | X                | 1.7              | X            | 2.7        | X             |
| 711             | Performing arts, spectator sports, and related industries.....                           | 4.7  | 2.8        | 4.3        | 9.3        | 4.4        | 4.2        | 3.4                               | 2.8              | 1.3              | 2.7              | 4.8          | 5.0        | 0.8           |
|                 | Performing arts, spectator sports, and related industries - taxable.....                 | X  | 2.7        | 4.8        | 10.9       | 4.9        | 4.4        | X                                 | 3.2              | X                | 2.9              | X            | 5.6        | X             |
|                 | Performing arts, spectator sports, and related industries - tax-exempt.....              | X  | 5.6        | 3.9        | 5.4        | 3.5        | 5.1        | X                                 | 4.2              | X                | 3.3              | X            | 3.5        | X             |
| 7111            | Performing arts companies.....   | X  | 5.8        | 4.2        | 4.0        | 3.1        | 4.7        | X                                 | 4.2              | X                | 8.3              | X            | 2.7        | X             |
|                 | Performing arts companies - taxable.....   | X  | 9.8        | 8.2        | 6.6        | 7.1        | 6.8        | X                                 | 8.1              | X                | 14.2             | X            | 4.8        | X             |
|                 | Performing arts companies - tax-exempt.....  | X  | 6.4        | 4.4        | 5.5        | 6.3        | 5.4        | X                                 | 4.7              | X                | 2.6              | X            | 4.6        | X             |
| 7112            | Spectator sports - taxable.....  | X  | 3.8        | 7.0        | 17.8       | 7.1        | 3.6        | X                                 | 4.0              | X                | 1.3              | X            | 7.6        | X             |
| 7113            | Promoters of performing arts, sports, and similar events.....                            | X  | 6.8        | 8.2        | 6.6        | 6.8        | 6.1        | X                                 | 3.3              | X                | 3.6              | X            | 6.5        | X             |
|                 | Promoters of performing arts, sports, and similar events - taxable.....                  | X  | 7.1        | 8.5        | 7.9        | 7.6        | 6.5        | X                                 | 4.2              | X                | 4.1              | X            | 7.1        | X             |
|                 | Promoters of performing arts, sports, and similar events - tax-exempt.....               | X  | 10.0       | 8.2        | 7.8        | 8.4        | 11.6       | X                                 | 6.6              | X                | 6.1              | X            | 7.4        | X             |
| 7114            | Agents and managers for artists, athletes, entertainers, and other public figures -      | X  | 3.5        | 6.8        | 14.3       | 9.9        | 14.0       | X                                 | 4.9              | X                | 9.6              | X            | 9.1        | X             |
| 7115            | Independent artists, writers, and performers - taxable.....                              | X  | 10.1       | 14.7       | 12.5       | S          | S          | X                                 | 12.1             | X                | S                | X            | S          | X             |
| 712             | Museums, historical sites, and similar institutions.....                                 | 2.8  | 4.5        | 3.8        | 5.7        | 5.6        | 5.8        | 3.8                               | 2.7              | 4.4              | 2.5              | 3.4          | 4.6        | 2.0           |
|                 | Museums, historical sites, and similar institutions - tax-exempt.....                    | X  | 5.0        | 3.8        | 6.2        | 5.6        | 6.5        | X                                 | 3.0              | X                | 3.0              | X            | 4.9        | X             |
| 713             | Amusement, gambling, and recreation industries.....                                      | 4.5  | 3.7        | 4.1        | 5.5        | 5.0        | 4.8        | 1.1                               | 0.7              | 1.4              | 1.6              | 4.4          | 4.9        | 1.5           |
|                 | Amusement, gambling, and recreation industries - taxable.....                            | X  | 4.4        | 4.8        | 6.4        | 5.5        | 5.5        | X                                 | 0.8              | X                | 1.8              | X            | 5.6        | X             |
|                 | Amusement, gambling, and recreation industries - tax-exempt.....                         | X  | 4.5        | 6.0        | 4.5        | 6.2        | 4.2        | X                                 | 3.2              | X                | 3.4              | X            | 4.5        | X             |
| 7131            | Amusement parks and arcades - taxable.....   | X  | 5.8        | 5.2        | 5.2        | 4.0        | 6.1        | X                                 | 2.9              | X                | 1.4              | X            | 4.9        | X             |
| 7132            | Gambling industries - taxable.....   | X  | 12.8       | 14.0       | 15.1       | 13.7       | 13.9       | X                                 | 1.0              | X                | 1.4              | X            | 14.3       | X             |
| 7139            | Other amusement and recreation industries.....   | X  | 4.5        | 4.9        | S          | S          | S          | X                                 | 1.2              | X                | S                | X            | S          | X             |
|                 | Other amusement and recreation industries - taxable.....                                 | X  | S          | S          | S          | S          | S          | X                                 | S                | X                | S                | X            | S          | X             |
|                 | Other amusement and recreation industries - tax-exempt.....                              | X  | 4.5        | 6.0        | 4.5        | 6.2        | 4.2        | X                                 | 3.2              | X                | 3.4              | X            | 4.5        | X             |
| <b>721</b>      | <b>Accommodation.....</b>  | <b>1.2</b>                                 | <b>1.8</b> | <b>1.8</b> | <b>2.2</b> | <b>1.5</b> | <b>1.4</b> | <b>0.8</b>                        | <b>1.1</b>       | <b>0.9</b>       | <b>1.3</b>       | <b>1.6</b>   | <b>1.3</b> | <b>0.9</b>    |
| 7211            | Traveler accommodation.....  | X  | 1.9        | 1.8        | 2.2        | 1.5        | 1.3        | X                                 | 1.1              | X                | 1.4              | X            | 1.3        | X             |
| 7212            | RV (recreational vehicle) parks and recreational camps.....                              | X  | 4.1        | 4.1        | 3.5        | 5.7        | 5.6        | X                                 | 3.3              | X                | 3.6              | X            | 4.2        | X             |
| 7213            | Rooming and boarding houses.....   | X  | 4.3        | 5.3        | 5.4        | 6.7        | 2.2        | X                                 | 5.2              | X                | 4.1              | X            | 4.6        | X             |
| <b>81</b>       | <b>Other services (except public administration).....</b>                                | <b>2.1</b>                                 | <b>1.4</b> | <b>1.9</b> | <b>2.6</b> | <b>2.3</b> | <b>2.2</b> | <b>1.2</b>                        | <b>1.8</b>       | <b>1.9</b>       | <b>1.7</b>       | <b>1.7</b>   | <b>2.5</b> | <b>1.2</b>    |
| 811             | Repair and maintenance.....  | 2.6  | 2.6        | 2.6        | 2.6        | 3.0        | 3.3        | 1.0                               | 0.9              | 2.4              | 2.7              | 2.5          | 3.5        | 2.2           |
| 8111            | Automotive repair and maintenance.....   | X  | 5.4        | 5.7        | 4.9        | 4.4        | S          | X                                 | 1.7              | X                | S                | X            | S          | X             |
| 8112            | Electronic and precision equipment repair and maintenance.....                           | X  | 4.2        | 3.7        | 2.9        | 3.9        | 3.0        | X                                 | 1.2              | X                | 3.5              | X            | 3.7        | X             |
| 8113            | (except automotive and electronic) repair and maintenance.....                           | X  | 11.4       | 10.5       | 10.9       | 12.1       | 10.9       | X                                 | 1.8              | X                | 3.0              | X            | 11.4       | X             |
| 8114            | Personal and household goods repair and maintenance.....                                 | X  | 9.7        | S          | 9.9        | 10.5       | 10.7       | X                                 | S                | X                | 7.1              | X            | 10.1       | X             |
| 812             | Personal and laundry services.....   | S  | S          | 3.8        | S          | S          | S          | S                                 | S                | S                | S                | S            | S          | S             |
| 8121            | Personal care services.....  | X  | S          | S          | S          | S          | S          | X                                 | S                | X                | S                | X            | S          | X             |
| 8122            | Death care services.....   | X  | 4.8        | 5.0        | 3.8        | 5.2        | 4.5        | X                                 | 3.0              | X                | 4.3              | X            | 4.3        | X             |
| 8123            | Drycleaning and laundry services.....  | X  | 5.2        | 5.1        | 5.6        | 6.5        | 5.9        | X                                 | 0.6              | X                | 2.8              | X            | 6.0        | X             |
| 8129            | Other personal services.....   | X  | S          | S          | S          | S          | S          | X                                 | S                | X                | S                | X            | S          | X             |
| 813             | Religious, grantmaking, civic, professional, and similar organizations - tax-exempt..... | X  | 4.7        | 4.5        | 5.9        | 4.5        | 4.0        | X                                 | 3.8              | X                | 3.5              | X            | 4.4        | X             |

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

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

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

Note: Estimated measures of sampling variability are based on data not adjusted for seasonal variation, and should be used when drawing inferences about both adjusted and not adjusted estimates. Additional information on confidentiality protection, sampling error, nonsampling errors, sample design, and definitions may be found at [www.census.gov/services/qss/cv.html](http://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  | 42  |
| 22              | Utilities  | 52  |
| 48-49           | Transportation and warehousing   | 35  |
| 51              | Information  | 33  |
| 52              | Finance and insurance  | 34  |
| 53              | Real estate and rental and leasing                                       | 54  |
| 54              | Professional, scientific, and technical services                         | 48  |
| 56              | Administrative and support and waste management and remediation services | 51  |
| 61              | Educational services   | 50  |
| 62              | Health care and social assistance  | 49  |
| 71              | Arts, entertainment, and recreation                                      | 49  |
| 721             | Accommodation  | 54  |
| 81              | Other services (except public administration)                            | 53  |

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

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

## Reliability of the Estimates

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

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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.

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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