

**ESTABLISHMENT DATA**

**Table B-4a. Indexes of aggregate weekly hours and payrolls for all employees on private nonfarm payrolls by industry sector, seasonally adjusted**

[2007=100]

| Industry   | 2017 NAICS code | Index of aggregate weekly hours <sup>1</sup> |          |                        |                        |   | Index of aggregate weekly payrolls <sup>2</sup> |          |                        |                        |   |
|--|-----------------|--|----------|------------------------|------------------------|---|---|----------|------------------------|------------------------|---|
|  |                 | July 2017                                    | May 2018 | June 2018 <sup>P</sup> | July 2018 <sup>P</sup> | Percent change from: June 2018 - July 2018 <sup>P</sup> | July 2017                                       | May 2018 | June 2018 <sup>P</sup> | July 2018 <sup>P</sup> | Percent change from: June 2018 - July 2018 <sup>P</sup> |
| Total private.....   |                 | 107.4  | 109.4    | 110.0                  | 109.8                  | -0.2  | 135.3   | 141.0    | 141.8                  | 142.0                  | 0.1   |
| Goods-producing.....   |                 | 92.5   | 95.4     | 95.6                   | 95.9                   | 0.3   | 115.5   | 121.1    | 121.7                  | 122.2                  | 0.4   |
| Mining and logging.....  |                 | 97.3   | 106.4    | 107.5                  | 106.5                  | -0.9  | 125.5   | 138.5    | 140.6                  | 138.7                  | -1.4  |
| Logging <sup>3</sup> .....                                       | 1133            | 82.0   | 85.3     | 81.9                   | -                      | -   | 101.7   | 106.9    | 102.7                  | -                      | -   |
| Mining <sup>3</sup> .....  | 21              | 98.4   | 108.1    | 109.5                  | -                      | -   | 126.7   | 140.1    | 142.5                  | -                      | -   |
| Oil and gas extraction <sup>3</sup> .....                        | 211             | 106.3  | 111.1    | 111.5                  | -                      | -   | 150.2   | 162.3    | 161.4                  | -                      | -   |
| Mining, except oil and gas <sup>3</sup> .....                    | 212             | 81.2   | 83.7     | 84.1                   | -                      | -   | 107.4   | 112.3    | 113.5                  | -                      | -   |
| Coal mining <sup>3</sup> .....                                   | 2121            | 62.8   | 66.6     | 67.3                   | -                      | -   | 83.4  | 88.3     | 90.4                   | -                      | -   |
| Metal ore mining <sup>3</sup> .....                              | 2122            | 112.6  | 110.9    | 108.6                  | -                      | -   | 152.5   | 151.1    | 149.5                  | -                      | -   |
| Nonmetallic mineral mining and quarrying <sup>3</sup> .....      | 2123            | 85.1   | 87.5     | 88.7                   | -                      | -   | 112.9   | 119.2    | 120.5                  | -                      | -   |
| Stone mining and quarrying <sup>3</sup> .....                    | 21231           | 80.0   | 81.0     | 81.2                   | -                      | -   | 114.9   | 119.6    | 119.8                  | -                      | -   |
| Crushed and broken limestone mining <sup>3</sup> .....           | 212312          | 80.3   | 83.5     | 84.2                   | -                      | -   | 114.2   | 119.6    | 120.1                  | -                      | -   |
| Other stone mining and quarrying <sup>3</sup> .....              | 212311,3,9      | 79.4   | 79.1     | 78.4                   | -                      | -   | 114.3   | 121.2    | 120.0                  | -                      | -   |
| Support activities for mining <sup>3</sup> .....                 | 213             | 107.4  | 124.4    | 127.9                  | -                      | -   | 126.4   | 145.3    | 151.0                  | -                      | -   |
| Support activities for oil and gas operations <sup>3</sup> ..... | 213112          | 129.1  | 154.4    | 159.3                  | -                      | -   | 153.4   | 183.8    | 192.4                  | -                      | -   |
| Construction.....  | 23              | 93.5   | 98.2     | 97.9                   | 98.4                   | 0.5   | 117.5   | 126.6    | 126.4                  | 127.6                  | 0.9   |
| Construction of buildings <sup>3</sup> .....                     | 236             | 87.1   | 91.6     | 91.9                   | -                      | -   | 110.9   | 121.2    | 121.7                  | -                      | -   |
| Residential building <sup>3</sup> .....                          | 2361            | 80.4   | 86.0     | 86.7                   | -                      | -   | 100.2   | 113.2    | 114.3                  | -                      | -   |
| New single-family general contractors <sup>3</sup> .....         | 236115          | 63.1   | 66.7     | 67.2                   | -                      | -   | 76.9  | 87.8     | 86.4                   | -                      | -   |
| Residential remodelers <sup>3</sup> .....                        | 236118          | 106.9  | 117.2    | 118.8                  | -                      | -   | 133.2   | 154.0    | 160.8                  | -                      | -   |
| Nonresidential building <sup>3</sup> .....                       | 2362            | 94.1   | 97.0     | 96.8                   | -                      | -   | 120.5   | 127.9    | 127.9                  | -                      | -   |
| Industrial building <sup>3</sup> .....                           | 23621           | 86.5   | 92.5     | 91.6                   | -                      | -   | 117.2   | 127.5    | 127.2                  | -                      | -   |
| Commercial building <sup>3</sup> .....                           | 23622           | 96.8   | 98.8     | 99.2                   | -                      | -   | 121.6   | 128.4    | 128.8                  | -                      | -   |
| Heavy and civil engineering construction <sup>3</sup> .....      | 237             | 104.4  | 108.4    | 106.9                  | -                      | -   | 137.7   | 144.1    | 142.4                  | -                      | -   |
| Utility system construction <sup>3</sup> .....                   | 2371            | 120.4  | 125.1    | 125.0                  | -                      | -   | 160.4   | 168.5    | 168.9                  | -                      | -   |
| Water and sewer system construction <sup>3</sup> .....           | 23711           | 91.7   | 98.6     | 96.9                   | -                      | -   | 113.0   | 125.2    | 124.3                  | -                      | -   |
| Oil and gas pipeline construction <sup>3</sup> .....             | 23712           | 166.2  | 163.0    | 161.7                  | -                      | -   | 234.5   | 217.7    | 215.4                  | -                      | -   |
| Power and communication system construction <sup>3</sup> .....   | 23713           | 127.4  | 136.0    | 138.2                  | -                      | -   | 169.7   | 192.1    | 196.5                  | -                      | -   |
| Land subdivision <sup>3</sup> .....                              | 2372            | 48.3   | 47.6     | 47.1                   | -                      | -   | 65.7  | 63.6     | 61.2                   | -                      | -   |
| Highway, street, and bridge construction <sup>3</sup> .....      | 2373            | 97.1   | 100.6    | 98.7                   | -                      | -   | 126.0   | 131.3    | 129.6                  | -                      | -   |
| Other heavy construction <sup>3</sup> .....                      | 2379            | 103.8  | 104.4    | 102.9                  | -                      | -   | 146.9   | 147.6    | 146.1                  | -                      | -   |
| Specialty trade contractors <sup>3</sup> .....                   | 238             | 93.5   | 98.7     | 98.0                   | -                      | -   | 115.6   | 125.3    | 124.6                  | -                      | -   |
| Building foundation and exterior contractors <sup>3</sup> .....  | 2381            | 83.8   | 88.7     | 87.4                   | -                      | -   | 101.5   | 111.0    | 109.3                  | -                      | -   |
| Poured concrete structure contractors <sup>3</sup> .....         | 23811           | 97.3   | 105.2    | 103.7                  | -                      | -   | 117.2   | 131.4    | 129.5                  | -                      | -   |
| Steel and precast concrete contractors <sup>3</sup> .....        | 23812           | 74.7   | 80.8     | 77.2                   | -                      | -   | 93.9  | 102.1    | 95.4                   | -                      | -   |
| Framing contractors <sup>3</sup> .....                           | 23813           | 61.1   | 58.4     | 58.2                   | -                      | -   | 63.8  | 65.5     | 65.5                   | -                      | -   |
| Masonry contractors <sup>3</sup> .....                           | 23814           | 63.5   | 65.4     | 65.3                   | -                      | -   | 78.6  | 81.3     | 81.0                   | -                      | -   |
| Glass and glazing contractors <sup>3</sup> .....                 | 23815           | 103.0  | 108.6    | 108.4                  | -                      | -   | 124.6   | 137.6    | 139.6                  | -                      | -   |
| Roofing contractors <sup>3</sup> .....                           | 23816           | 104.1  | 111.0    | 107.8                  | -                      | -   | 128.7   | 141.2    | 138.7                  | -                      | -   |
| Siding contractors <sup>3</sup> .....                            | 23817           | 81.1   | 93.7     | 88.0                   | -                      | -   | 102.7   | 128.0    | 124.1                  | -                      | -   |
| Other building exterior contractors <sup>3</sup> .....           | 23819           | 80.0   | 83.8     | 88.0                   | -                      | -   | 102.8   | 111.4    | 116.0                  | -                      | -   |
| Building equipment contractors <sup>3</sup> .....                | 2382            | 104.0  | 108.7    | 108.6                  | -                      | -   | 128.1   | 136.9    | 137.1                  | -                      | -   |
| Electrical contractors <sup>3</sup> .....                        | 23821           | 99.7   | 101.9    | 102.3                  | -                      | -   | 123.8   | 128.3    | 129.7                  | -                      | -   |
| Plumbing and HVAC contractors <sup>3</sup> .....                 | 23822           | 107.6  | 114.0    | 114.3                  | -                      | -   | 132.6   | 145.0    | 145.6                  | -                      | -   |
| Other building equipment contractors <sup>3</sup> .....          | 23829           | 114.9  | 117.9    | 112.4                  | -                      | -   | 136.4   | 142.1    | 134.4                  | -                      | -   |
| Building finishing contractors <sup>3</sup> .....                | 2383            | 81.9   | 85.4     | 85.1                   | -                      | -   | 99.8  | 108.8    | 108.6                  | -                      | -   |
| Drywall and insulation contractors <sup>3</sup> .....            | 23831           | 70.9   | 77.0     | 76.7                   | -                      | -   | 85.2  | 96.3     | 96.5                   | -                      | -   |
| Painting and wall covering contractors <sup>3</sup> .....        | 23832           | 85.2   | 84.8     | 85.4                   | -                      | -   | 106.8   | 112.3    | 113.3                  | -                      | -   |
| Flooring contractors <sup>3</sup> .....                          | 23833           | 90.7   | 93.5     | 95.8                   | -                      | -   | 100.8   | 108.5    | 111.3                  | -                      | -   |
| Tile and terrazzo contractors <sup>3</sup> .....                 | 23834           | 79.1   | 85.6     | 84.9                   | -                      | -   | 121.6   | 133.5    | 129.5                  | -                      | -   |
| Finish carpentry contractors <sup>3</sup> .....                  | 23835           | 81.4   | 87.1     | 86.3                   | -                      | -   | 96.4  | 109.0    | 109.2                  | -                      | -   |

See footnotes at end of table.

**ESTABLISHMENT DATA**

**Table B-4a. Indexes of aggregate weekly hours and payrolls for all employees on private nonfarm payrolls by industry sector, seasonally adjusted — Continued**

[2007=100]

| Industry   | 2017 NAICS code | Index of aggregate weekly hours <sup>1</sup> |          |                        |                        |   | Index of aggregate weekly payrolls <sup>2</sup> |          |                        |                        |   |
|--|-----------------|--|----------|------------------------|------------------------|---|---|----------|------------------------|------------------------|---|
|  |                 | July 2017                                    | May 2018 | June 2018 <sup>P</sup> | July 2018 <sup>P</sup> | Percent change from: June 2018 - July 2018 <sup>P</sup> | July 2017                                       | May 2018 | June 2018 <sup>P</sup> | July 2018 <sup>P</sup> | Percent change from: June 2018 - July 2018 <sup>P</sup> |
| Other building finishing contractors <sup>3</sup> .....  | 23839           | 107.0  | 113.4    | 112.8                  | -                      | -   | 131.9   | 138.8    | 136.0                  | -                      | -   |
| Other specialty trade contractors <sup>3</sup> .....   | 2389            | 93.3   | 101.2    | 99.3                   | -                      | -   | 118.3   | 129.7    | 127.0                  | -                      | -   |
| Site preparation contractors <sup>3</sup> .....  | 23891           | 85.8   | 96.1     | 94.1                   | -                      | -   | 108.0   | 124.7    | 121.7                  | -                      | -   |
| All other specialty trade contractors <sup>3</sup> .....                                       | 23899           | 102.2  | 107.3    | 105.3                  | -                      | -   | 130.9   | 135.1    | 133.0                  | -                      | -   |
| Manufacturing.....   |                 | 91.6   | 93.3     | 93.6                   | 93.8                   | 0.2   | 113.6   | 116.9    | 117.5                  | 117.9                  | 0.3   |
| Durable goods.....   |                 | 90.0   | 92.1     | 92.7                   | 93.0                   | 0.3   | 111.5   | 115.6    | 116.5                  | 117.2                  | 0.6   |
| Wood products.....   | 321             | 80.7   | 81.7     | 82.9                   | 83.7                   | 1.0   | 98.0  | 100.4    | 102.0                  | 103.0                  | 1.0   |
| Sawmills and wood preservation <sup>3</sup> .....  | 3211            | 91.9   | 90.6     | 92.2                   | -                      | -   | 113.3   | 113.8    | 115.5                  | -                      | -   |
| Plywood and engineered wood products <sup>3</sup> .....  | 3212            | 71.3   | 74.8     | 73.7                   | -                      | -   | 88.9  | 95.7     | 95.7                   | -                      | -   |
| Other wood products <sup>3</sup> .....   | 3219            | 80.2   | 81.0     | 82.9                   | -                      | -   | 95.8  | 97.1     | 99.5                   | -                      | -   |
| Millwork <sup>3</sup> .....  | 32191           | 74.0   | 74.2     | 77.1                   | -                      | -   | 95.6  | 96.8     | 100.3                  | -                      | -   |
| Wood windows and doors <sup>3</sup> .....  | 321911          | 74.4   | 76.8     | 79.3                   | -                      | -   | 104.3   | 106.6    | 110.0                  | -                      | -   |
| Cut stock, resawing lumber, planing, and other millwork, including flooring <sup>3</sup> ..... | 321912,8        | 73.6   | 72.6     | 74.8                   | -                      | -   | 86.8  | 87.2     | 89.7                   | -                      | -   |
| Wood containers and pallets <sup>3</sup> .....   | 32192           | 104.5  | 108.7    | 110.0                  | -                      | -   | 131.4   | 134.5    | 135.4                  | -                      | -   |
| All other wood products <sup>3</sup> .....   | 32199           | 74.3   | 74.3     | 75.5                   | -                      | -   | 77.4  | 78.6     | 80.1                   | -                      | -   |
| Nonmetallic mineral products.....  | 327             | 83.4   | 86.6     | 86.6                   | 86.5                   | -0.1  | 107.3   | 115.7    | 116.0                  | 115.7                  | -0.3  |
| Cement and concrete products <sup>3</sup> .....  | 3273            | 80.5   | 84.8     | 85.1                   | -                      | -   | 104.5   | 112.8    | 113.6                  | -                      | -   |
| Ready-mix concrete <sup>3</sup> .....  | 32732           | 82.7   | 89.2     | 89.6                   | -                      | -   | 107.5   | 123.5    | 124.3                  | -                      | -   |
| Other cement and concrete products <sup>3</sup> .....  | 32731,3,9       | 79.2   | 81.0     | 80.7                   | -                      | -   | 102.7   | 102.2    | 101.9                  | -                      | -   |
| Lime, gypsum, and other nonmetallic mineral products <sup>3</sup> .....                        | 3274,9          | 95.6   | 95.2     | 94.7                   | -                      | -   | 128.8   | 141.7    | 140.0                  | -                      | -   |
| Primary metals.....  | 331             | 84.4   | 87.0     | 87.7                   | 87.3                   | -0.5  | 102.7   | 107.8    | 108.3                  | 106.7                  | -1.5  |
| Steel products from purchased steel <sup>3</sup> .....   | 3312            | 96.3   | 106.1    | 107.8                  | -                      | -   | 119.9   | 134.3    | 135.4                  | -                      | -   |
| Other nonferrous metal production <sup>3</sup> .....   | 3314            | 89.4   | 93.4     | 94.1                   | -                      | -   | 117.8   | 124.9    | 126.3                  | -                      | -   |
| Foundries <sup>3</sup> .....   | 3315            | 74.6   | 75.9     | 76.1                   | -                      | -   | 87.6  | 91.8     | 92.3                   | -                      | -   |
| Fabricated metal products.....   | 332             | 93.5   | 96.5     | 97.5                   | 97.1                   | -0.4  | 114.8   | 120.3    | 121.7                  | 121.6                  | -0.1  |
| Forging and stamping <sup>3</sup> .....  | 3321            | 89.3   | 91.6     | 92.5                   | -                      | -   | 106.6   | 108.0    | 108.8                  | -                      | -   |
| Architectural and structural metals <sup>3</sup> .....   | 3323            | 89.8   | 93.4     | 94.6                   | -                      | -   | 109.8   | 115.9    | 117.9                  | -                      | -   |
| Plate work and fabricated structural products <sup>3</sup> .....                               | 33231           | 89.3   | 93.2     | 94.0                   | -                      | -   | 108.8   | 114.3    | 115.2                  | -                      | -   |
| Fabricated structural metal products <sup>3</sup> .....  | 332312          | 91.7   | 93.9     | 94.9                   | -                      | -   | 107.4   | 110.2    | 110.1                  | -                      | -   |
| Ornamental and architectural metal products <sup>3</sup> .....                                 | 33232           | 90.0   | 94.3     | 94.7                   | -                      | -   | 110.5   | 117.7    | 119.5                  | -                      | -   |
| Sheet metal work <sup>3</sup> .....  | 332322          | 93.1   | 97.0     | 98.5                   | -                      | -   | 112.5   | 120.0    | 123.7                  | -                      | -   |
| Boilers, tanks, and shipping containers <sup>3</sup> .....                                     | 3324            | 99.6   | 102.4    | 104.6                  | -                      | -   | 122.0   | 125.0    | 126.7                  | -                      | -   |
| Machine shops and threaded products <sup>3</sup> .....   | 3327            | 101.0  | 103.8    | 104.1                  | -                      | -   | 123.1   | 129.8    | 130.2                  | -                      | -   |
| Machine shops <sup>3</sup> .....   | 33271           | 102.8  | 106.3    | 106.9                  | -                      | -   | 123.3   | 131.1    | 132.4                  | -                      | -   |
| Turned products and screws, nuts, and bolts <sup>3</sup> .....                                 | 33272           | 96.4   | 94.8     | 95.4                   | -                      | -   | 123.9   | 123.1    | 123.1                  | -                      | -   |
| Coating, engraving, and heat treating metals <sup>3</sup> .....                                | 3328            | 92.2   | 97.5     | 99.0                   | -                      | -   | 114.7   | 123.8    | 125.7                  | -                      | -   |
| Metal heat treating and coating and nonprecious engraving <sup>3</sup> .....                   | 332811,2        | 101.6  | 104.3    | 108.0                  | -                      | -   | 125.7   | 135.1    | 139.9                  | -                      | -   |
| Electroplating, anodizing, and coloring metals <sup>3</sup> .....                              | 332813          | 82.4   | 90.6     | 89.9                   | -                      | -   | 103.3   | 112.9    | 111.6                  | -                      | -   |
| Other fabricated metal products <sup>3</sup> .....   | 3329            | 98.0   | 97.7     | 98.6                   | -                      | -   | 118.8   | 119.4    | 120.3                  | -                      | -   |
| Metal valves <sup>3</sup> .....  | 33291           | 97.3   | 98.9     | 96.7                   | -                      | -   | 115.9   | 121.8    | 121.9                  | -                      | -   |
| All other fabricated metal products <sup>3</sup> .....   | 33299           | 98.2   | 97.0     | 99.9                   | -                      | -   | 120.3   | 118.0    | 120.2                  | -                      | -   |
| Machinery.....   | 333             | 92.8   | 94.9     | 95.5                   | 95.7                   | 0.2   | 117.5   | 122.0    | 122.7                  | 123.6                  | 0.7   |
| Agricultural, construction, and mining machinery <sup>3</sup> .....                            | 3331            | 92.8   | 100.1    | 101.9                  | -                      | -   | 124.0   | 133.4    | 136.3                  | -                      | -   |
| Farm machinery and equipment <sup>3</sup> .....  | 333111          | 95.3   | 99.7     | 97.4                   | -                      | -   | 140.1   | 140.5    | 138.4                  | -                      | -   |
| Industrial machinery <sup>3</sup> .....  | 3332            | 90.3   | 92.1     | 93.0                   | -                      | -   | 115.2   | 121.4    | 121.5                  | -                      | -   |
| Commercial and service industry machinery <sup>3</sup> .....                                   | 3333            | 88.2   | 88.8     | 90.0                   | -                      | -   | 102.0   | 106.4    | 107.9                  | -                      | -   |
| HVAC and commercial refrigeration equipment <sup>3</sup> .....                                 | 3334            | 88.0   | 84.3     | 86.5                   | -                      | -   | 106.7   | 108.1    | 112.0                  | -                      | -   |
| Metalworking machinery <sup>3</sup> .....  | 3335            | 94.5   | 96.8     | 96.4                   | -                      | -   | 120.7   | 124.7    | 124.2                  | -                      | -   |

See footnotes at end of table.

**ESTABLISHMENT DATA**

**Table B-4a. Indexes of aggregate weekly hours and payrolls for all employees on private nonfarm payrolls by industry sector, seasonally adjusted — Continued**

[2007=100]

| Industry  | 2017 NAICS code | Index of aggregate weekly hours <sup>1</sup> |          |                        |                        |   | Index of aggregate weekly payrolls <sup>2</sup> |          |                        |                        |   |
|---|-----------------|--|----------|------------------------|------------------------|---|---|----------|------------------------|------------------------|---|
|   |                 | July 2017                                    | May 2018 | June 2018 <sup>P</sup> | July 2018 <sup>P</sup> | Percent change from: June 2018 - July 2018 <sup>P</sup> | July 2017                                       | May 2018 | June 2018 <sup>P</sup> | July 2018 <sup>P</sup> | Percent change from: June 2018 - July 2018 <sup>P</sup> |
| Special tools, dies, jigs, and fixtures <sup>3</sup> .....                                  | 333514          | 91.5   | 94.1     | 94.6                   | -                      | -   | 123.7   | 130.4    | 130.9                  | -                      | -   |
| Turbine and power transmission equipment <sup>3</sup> .....                                 | 3336            | 95.2   | 97.3     | 96.8                   | -                      | -   | 122.5   | 124.1    | 123.7                  | -                      | -   |
| Other general purpose machinery <sup>3</sup> .....  | 3339            | 95.1   | 97.1     | 97.4                   | -                      | -   | 120.1   | 124.3    | 123.1                  | -                      | -   |
| Material handling equipment <sup>3</sup> .....  | 33392           | 95.6   | 101.5    | 100.3                  | -                      | -   | 122.3   | 129.3    | 128.5                  | -                      | -   |
| Computer and electronic products.....   | 334             | 83.6   | 85.7     | 85.5                   | 86.6                   | 1.3   | 101.8   | 104.0    | 104.5                  | 105.2                  | 0.7   |
| Computer and peripheral equipment <sup>3</sup> .....  | 3341            | 80.9   | 89.2     | 88.5                   | -                      | -   | 101.4   | 113.0    | 111.2                  | -                      | -   |
| Communications equipment <sup>3</sup> .....   | 3342            | 65.5   | 66.9     | 66.5                   | -                      | -   | 72.2  | 79.0     | 79.0                   | -                      | -   |
| Semiconductors and electronic components <sup>3</sup> .....                                 | 3344            | 83.6   | 86.3     | 86.8                   | -                      | -   | 95.1  | 97.2     | 98.3                   | -                      | -   |
| Semiconductors and related devices <sup>3</sup> .....                                       | 334413          | 89.6   | 92.7     | 93.2                   | -                      | -   | 113.9   | 109.4    | 109.6                  | -                      | -   |
| Electronic connectors and misc. electronic components <sup>3</sup> .....                    | 334416,7,9      | 82.7   | 83.7     | 84.6                   | -                      | -   | 104.2   | 105.2    | 106.2                  | -                      | -   |
| Electronic instruments <sup>3</sup> .....   | 3345            | 92.2   | 93.8     | 93.3                   | -                      | -   | 117.3   | 121.6    | 121.1                  | -                      | -   |
| Industrial process variable instruments <sup>3</sup> .....                                  | 334513          | 103.5  | 106.2    | 107.1                  | -                      | -   | 151.2   | 154.4    | 156.3                  | -                      | -   |
| Electrical equipment and appliances.....  | 335             | 95.2   | 95.6     | 95.5                   | 96.4                   | 0.9   | 129.6   | 136.5    | 136.9                  | 138.2                  | 0.9   |
| Electrical equipment <sup>3</sup> .....   | 3353            | 94.1   | 93.1     | 93.5                   | -                      | -   | 121.9   | 125.8    | 126.1                  | -                      | -   |
| Other electrical equipment and components <sup>3</sup> .....                                | 3359            | 100.3  | 102.8    | 102.9                  | -                      | -   | 139.2   | 148.5    | 150.1                  | -                      | -   |
| Transportation equipment.....   | 336             | 97.1   | 98.9     | 100.6                  | 101.2                  | 0.6   | 117.1   | 120.9    | 123.5                  | 124.8                  | 1.1   |
| Motor vehicles and parts <sup>4</sup> .....   | 3361,2,3        | 98.7   | 100.7    | 103.6                  | 103.7                  | 0.1   | 107.7   | 110.7    | 114.6                  | 115.3                  | 0.6   |
| Motor vehicles <sup>3</sup> .....   | 3361            | 93.3   | 96.6     | 104.2                  | -                      | -   | 97.6  | 101.0    | 110.1                  | -                      | -   |
| Motor vehicle bodies and trailers <sup>3</sup> .....  | 3362            | 95.8   | 99.7     | 101.0                  | -                      | -   | 112.8   | 120.1    | 121.4                  | -                      | -   |
| Motor vehicle bodies <sup>3</sup> .....   | 336211          | 84.0   | 92.9     | 96.4                   | -                      | -   | 91.8  | 104.9    | 108.3                  | -                      | -   |
| Motor vehicle parts <sup>3</sup> .....  | 3363            | 100.7  | 102.7    | 103.5                  | -                      | -   | 111.1   | 113.7    | 114.9                  | -                      | -   |
| Motor vehicle gasoline engine and parts <sup>3</sup> .....                                  | 33631           | 89.2   | 91.8     | 93.0                   | -                      | -   | 95.3  | 95.9     | 97.1                   | -                      | -   |
| Motor vehicle electric equipment <sup>3</sup> .....   | 33632           | 80.0   | 83.3     | 83.3                   | -                      | -   | 86.0  | 90.5     | 91.1                   | -                      | -   |
| Motor vehicle metal stamping <sup>3</sup> .....   | 33637           | 102.3  | 111.6    | 109.0                  | -                      | -   | 111.6   | 120.7    | 120.6                  | -                      | -   |
| All other motor vehicle parts <sup>3</sup> .....  | 33639           | 105.0  | 106.8    | 110.0                  | -                      | -   | 122.2   | 124.9    | 129.4                  | -                      | -   |
| Aerospace products and parts <sup>3</sup> .....   | 3364            | 97.9   | 98.7     | 99.5                   | -                      | -   | 130.3   | 134.5    | 136.0                  | -                      | -   |
| Aircraft <sup>3</sup> .....   | 336411          | 93.1   | 95.0     | 95.6                   | -                      | -   | 125.2   | 130.4    | 131.3                  | -                      | -   |
| Furniture and related products.....   | 337             | 75.4   | 75.6     | 76.3                   | 76.1                   | -0.3  | 94.9  | 95.6     | 96.5                   | 96.5                   | 0.0   |
| Household and institutional furniture <sup>3</sup> .....                                    | 3371            | 73.3   | 73.7     | 74.3                   | -                      | -   | 92.0  | 92.9     | 93.4                   | -                      | -   |
| Wood kitchen cabinets and countertops <sup>3</sup> .....                                    | 33711           | 72.6   | 75.9     | 76.9                   | -                      | -   | 91.9  | 95.8     | 96.0                   | -                      | -   |
| Other household and institutional furniture <sup>3</sup> .....                              | 33712           | 74.2   | 71.9     | 72.2                   | -                      | -   | 92.0  | 90.1     | 90.7                   | -                      | -   |
| Upholstered household furniture <sup>3</sup> .....  | 337121          | 87.0   | 83.9     | 84.8                   | -                      | -   | 104.7   | 101.8    | 102.7                  | -                      | -   |
| Showcases, partitions, shelving, and lockers <sup>3</sup> .....                             | 337215          | 72.1   | 68.7     | 67.9                   | -                      | -   | 86.9  | 84.5     | 85.0                   | -                      | -   |
| Miscellaneous durable goods manufacturing.....  | 339             | 94.7   | 95.1     | 94.6                   | 95.1                   | 0.5   | 118.6   | 118.6    | 117.4                  | 117.8                  | 0.3   |
| Medical equipment and supplies <sup>3</sup> .....   | 3391            | 102.4  | 101.6    | 101.2                  | -                      | -   | 128.6   | 125.9    | 124.6                  | -                      | -   |
| Surgical appliances and supplies <sup>3</sup> .....   | 339113          | 101.6  | 102.0    | 101.0                  | -                      | -   | 110.7   | 109.5    | 108.8                  | -                      | -   |
| Dental laboratories <sup>3</sup> .....  | 339116          | 99.0   | 94.1     | 94.8                   | -                      | -   | 125.9   | 120.3    | 121.3                  | -                      | -   |
| Other miscellaneous durable goods manufacturing <sup>3</sup> .....                          | 3399            | 87.0   | 88.9     | 88.3                   | -                      | -   | 107.3   | 110.8    | 109.5                  | -                      | -   |
| Signs <sup>3</sup> .....  | 33995           | 100.4  | 104.6    | 102.8                  | -                      | -   | 115.7   | 120.5    | 117.4                  | -                      | -   |
| All other miscellaneous durable goods manufacturing <sup>3</sup> .....                      | 33993,4,9       | 84.2   | 88.1     | 88.1                   | -                      | -   | 107.4   | 112.3    | 112.3                  | -                      | -   |
| Nondurable goods.....   |                 | 94.4   | 95.6     | 95.6                   | 95.7                   | 0.1   | 117.7   | 119.6    | 119.9                  | 119.9                  | 0.0   |
| Food manufacturing.....   | 311             | 111.3  | 112.7    | 112.2                  | 113.4                  | 1.1   | 142.9   | 146.1    | 146.0                  | 147.1                  | 0.8   |
| Sugar and confectionery products <sup>3</sup> .....   | 3113            | 112.3  | 111.1    | 110.2                  | -                      | -   | 127.8   | 131.2    | 133.6                  | -                      | -   |
| Fruit and vegetable preserving and specialty <sup>3</sup> ....                              | 3114            | 108.5  | 110.5    | 107.9                  | -                      | -   | 145.6   | 145.1    | 142.7                  | -                      | -   |
| Frozen food <sup>3</sup> .....  | 31141           | 116.8  | 117.2    | 114.8                  | -                      | -   | 142.2   | 140.0    | 138.4                  | -                      | -   |
| Fruit and vegetable canning and drying <sup>3</sup> .....                                   | 31142           | 98.5   | 103.4    | 102.1                  | -                      | -   | 145.0   | 149.2    | 147.3                  | -                      | -   |
| Dairy products <sup>3</sup> .....   | 3115            | 104.2  | 104.7    | 104.7                  | -                      | -   | 142.8   | 147.3    | 146.5                  | -                      | -   |
| Animal slaughtering and processing <sup>3</sup> .....                                       | 3116            | 106.2  | 106.6    | 106.3                  | -                      | -   | 139.1   | 144.3    | 143.8                  | -                      | -   |
| Animal, except poultry, slaughtering <sup>3</sup> .....                                     | 311611          | 102.7  | 96.8     | 96.0                   | -                      | -   | 138.8   | 140.5    | 139.8                  | -                      | -   |
| Meat processed from carcasses, and rendering and meat byproduct processing <sup>3</sup> ... | 311612,3        | 116.6  | 121.4    | 121.4                  | -                      | -   | 138.7   | 143.7    | 143.9                  | -                      | -   |

See footnotes at end of table.

**ESTABLISHMENT DATA**

**Table B-4a. Indexes of aggregate weekly hours and payrolls for all employees on private nonfarm payrolls by industry sector, seasonally adjusted — Continued**

[2007=100]

| Industry  | 2017 NAICS code | Index of aggregate weekly hours <sup>1</sup> |          |                        |                        |   | Index of aggregate weekly payrolls <sup>2</sup> |          |                        |                        |   |
|---|-----------------|--|----------|------------------------|------------------------|---|---|----------|------------------------|------------------------|---|
|   |                 | July 2017                                    | May 2018 | June 2018 <sup>P</sup> | July 2018 <sup>P</sup> | Percent change from: June 2018 - July 2018 <sup>P</sup> | July 2017                                       | May 2018 | June 2018 <sup>P</sup> | July 2018 <sup>P</sup> | Percent change from: June 2018 - July 2018 <sup>P</sup> |
| Poultry processing <sup>3</sup> .....   | 311615          | 102.7  | 104.7    | 104.4                  | -                      | -   | 139.3   | 147.1    | 146.5                  | -                      | -   |
| Seafood product preparation and packaging <sup>3</sup> .....                      | 3117            | 90.5   | 102.6    | 93.0                   | -                      | -   | 95.9  | 97.5     | 93.0                   | -                      | -   |
| Bakeries and tortilla manufacturing <sup>3</sup> .....                            | 3118            | 109.7  | 111.0    | 112.8                  | -                      | -   | 134.3   | 136.9    | 140.3                  | -                      | -   |
| Bread and bakery products <sup>3</sup> .....                                      | 31181           | 107.8  | 111.0    | 112.6                  | -                      | -   | 127.1   | 132.7    | 135.4                  | -                      | -   |
| Retail bakeries <sup>3</sup> .....  | 311811          | 123.4  | 127.3    | 128.0                  | -                      | -   | 156.0   | 166.1    | 168.4                  | -                      | -   |
| Commercial bakeries and frozen cakes and other pastry products <sup>3</sup> ..... | 311812,3        | 102.5  | 105.1    | 106.4                  | -                      | -   | 120.4   | 124.7    | 126.7                  | -                      | -   |
| Cookies, crackers, pasta, and tortillas <sup>3</sup> .....                        | 31182,3         | 115.1  | 112.7    | 112.8                  | -                      | -   | 154.5   | 150.4    | 152.4                  | -                      | -   |
| Other food products <sup>3</sup> .....  | 3119            | 143.7  | 146.3    | 151.1                  | -                      | -   | 183.7   | 181.5    | 187.6                  | -                      | -   |
| Textile mills.....  | 313             | 67.7   | 68.8     | 69.7                   | 68.7                   | -1.4  | 92.0  | 93.9     | 94.4                   | 93.9                   | -0.5  |
| Fabric mills <sup>3</sup> .....   | 3132            | 72.9   | 72.4     | 71.8                   | -                      | -   | 107.7   | 104.7    | 104.5                  | -                      | -   |
| Textile product mills.....  | 314             | 76.5   | 72.3     | 73.5                   | 73.1                   | -0.5  | 97.2  | 94.4     | 95.6                   | 95.3                   | -0.3  |
| Apparel.....  | 315             | 55.0   | 55.4     | 53.9                   | 55.8                   | 3.5   | 73.0  | 80.4     | 81.7                   | 83.4                   | 2.1   |
| Paper and paper products.....   | 322             | 83.0   | 84.2     | 84.0                   | 83.9                   | -0.1  | 100.1   | 100.9    | 100.3                  | 100.4                  | 0.1   |
| Pulp, paper, and paperboard mills <sup>3</sup> .....                              | 3221            | 79.5   | 79.3     | 79.9                   | -                      | -   | 91.0  | 89.2     | 89.4                   | -                      | -   |
| Converted paper products <sup>3</sup> .....                                       | 3222            | 84.7   | 86.3     | 85.6                   | -                      | -   | 105.4   | 107.3    | 106.3                  | -                      | -   |
| Paperboard containers <sup>3</sup> .....  | 32221           | 88.0   | 91.6     | 90.9                   | -                      | -   | 108.9   | 111.3    | 110.7                  | -                      | -   |
| Corrugated and solid fiber boxes <sup>3</sup> .....                               | 322211          | 88.6   | 91.6     | 90.0                   | -                      | -   | 114.7   | 117.0    | 115.6                  | -                      | -   |
| Paper bags and coated and treated paper <sup>3</sup> .....                        | 32222           | 79.1   | 77.4     | 76.2                   | -                      | -   | 89.2  | 85.1     | 83.7                   | -                      | -   |
| Printing and related support activities.....                                      | 323             | 71.6   | 71.3     | 71.3                   | 71.3                   | 0.0   | 83.0  | 81.8     | 81.3                   | 81.2                   | -0.1  |
| Petroleum and coal products.....  | 324             | 105.4  | 107.9    | 103.2                  | 105.1                  | 1.8   | 169.6   | 167.5    | 161.4                  | 163.9                  | 1.5   |
| Chemicals.....  | 325             | 96.8   | 98.9     | 99.9                   | 99.4                   | -0.5  | 118.9   | 119.2    | 120.4                  | 119.2                  | -1.0  |
| Basic chemicals <sup>3</sup> .....  | 3251            | 101.8  | 103.4    | 103.8                  | -                      | -   | 134.4   | 130.2    | 131.6                  | -                      | -   |
| Resin, rubber, and artificial fibers <sup>3</sup> .....                           | 3252            | 84.5   | 88.8     | 91.8                   | -                      | -   | 110.4   | 122.1    | 127.9                  | -                      | -   |
| Pharmaceuticals and medicines <sup>3</sup> .....                                  | 3254            | 97.6   | 102.0    | 101.2                  | -                      | -   | 112.6   | 113.7    | 111.8                  | -                      | -   |
| Soaps, cleaning compounds, and toiletries <sup>3</sup> .....                      | 3256            | 101.2  | 100.6    | 102.4                  | -                      | -   | 119.1   | 121.2    | 124.0                  | -                      | -   |
| Other chemical products and preparations <sup>3</sup> .....                       | 3259            | 87.4   | 88.4     | 91.4                   | -                      | -   | 121.9   | 119.1    | 122.5                  | -                      | -   |
| Plastics and rubber products.....   | 326             | 97.3   | 98.1     | 98.7                   | 98.1                   | -0.6  | 117.4   | 122.7    | 123.9                  | 124.4                  | 0.4   |
| Plastics products <sup>3</sup> .....  | 3261            | 98.1   | 98.7     | 98.6                   | -                      | -   | 122.6   | 127.6    | 128.2                  | -                      | -   |
| Plastics packaging materials, film, and sheet <sup>3</sup> ..                     | 32611           | 105.6  | 106.0    | 106.2                  | -                      | -   | 122.8   | 131.1    | 131.3                  | -                      | -   |
| Foam products <sup>3</sup> .....  | 32614,5         | 103.7  | 108.0    | 108.0                  | -                      | -   | 124.6   | 130.8    | 129.5                  | -                      | -   |
| Other plastics products <sup>3</sup> .....  | 32619           | 95.3   | 95.4     | 94.8                   | -                      | -   | 121.7   | 127.5    | 127.9                  | -                      | -   |
| Rubber products <sup>3</sup> .....  | 3262            | 93.3   | 96.5     | 99.2                   | -                      | -   | 98.9  | 106.7    | 109.0                  | -                      | -   |
| Miscellaneous nondurable goods manufacturing....                                  | 312,6           | 110.4  | 112.8    | 112.2                  | 111.3                  | -0.8  | 129.8   | 133.1    | 133.2                  | 132.2                  | -0.8  |
| Private service-providing.....  |                 | 111.8  | 113.3    | 113.8                  | 113.6                  | -0.2  | 141.5   | 146.8    | 147.7                  | 147.8                  | 0.1   |
| Trade, transportation, and utilities.....   |                 | 102.8  | 104.5    | 104.6                  | 104.3                  | -0.3  | 126.1   | 130.8    | 130.9                  | 130.7                  | -0.2  |
| Wholesale trade.....  | 42              | 100.7  | 101.7    | 101.8                  | 101.8                  | 0.0   | 126.3   | 128.8    | 129.5                  | 128.8                  | -0.5  |
| Durable goods <sup>3</sup> .....  | 423             | 97.9   | 99.4     | 99.8                   | -                      | -   | 123.0   | 127.5    | 128.1                  | -                      | -   |
| Motor vehicles and parts <sup>3</sup> .....                                       | 4231            | 100.9  | 102.5    | 102.1                  | -                      | -   | 125.1   | 129.3    | 128.8                  | -                      | -   |
| Motor vehicles <sup>3</sup> .....   | 42311           | 98.4   | 100.9    | 100.4                  | -                      | -   | 135.2   | 148.8    | 147.4                  | -                      | -   |
| New motor vehicle parts <sup>3</sup> .....  | 42312           | 100.5  | 100.8    | 100.6                  | -                      | -   | 114.8   | 112.9    | 113.2                  | -                      | -   |
| Furniture and furnishings <sup>3</sup> .....                                      | 4232            | 91.0   | 93.5     | 94.1                   | -                      | -   | 114.0   | 122.4    | 125.5                  | -                      | -   |
| Lumber and construction supplies <sup>3</sup> .....                               | 4233            | 88.3   | 90.1     | 89.7                   | -                      | -   | 108.4   | 114.4    | 114.6                  | -                      | -   |
| Lumber and wood <sup>3</sup> .....  | 42331           | 78.9   | 81.4     | 81.1                   | -                      | -   | 94.2  | 103.6    | 104.1                  | -                      | -   |
| Masonry materials <sup>3</sup> .....  | 42332           | 94.3   | 96.1     | 96.3                   | -                      | -   | 117.1   | 120.4    | 120.1                  | -                      | -   |
| Roofing, siding, and other construction materials <sup>3</sup> .....              | 42333,9         | 103.3  | 103.0    | 101.2                  | -                      | -   | 133.7   | 134.5    | 133.5                  | -                      | -   |
| Commercial equipment <sup>3</sup> .....   | 4234            | 97.6   | 99.9     | 101.1                  | -                      | -   | 126.7   | 127.2    | 128.8                  | -                      | -   |
| Office equipment <sup>3</sup> .....   | 42342           | 87.9   | 81.0     | 82.7                   | -                      | -   | 104.2   | 91.0     | 91.6                   | -                      | -   |
| Computer and software <sup>3</sup> .....  | 42343           | 92.8   | 98.8     | 100.9                  | -                      | -   | 132.1   | 136.1    | 139.2                  | -                      | -   |
| Medical equipment <sup>3</sup> .....  | 42345           | 107.8  | 107.5    | 106.2                  | -                      | -   | 132.9   | 133.6    | 132.7                  | -                      | -   |
| Miscellaneous professional and commercial equipment <sup>3</sup> .....            | 42341,4,6,9     | 103.4  | 107.7    | 110.1                  | -                      | -   | 126.1   | 127.7    | 129.5                  | -                      | -   |

See footnotes at end of table.

**ESTABLISHMENT DATA**

**Table B-4a. Indexes of aggregate weekly hours and payrolls for all employees on private nonfarm payrolls by industry sector, seasonally adjusted — Continued**

[2007=100]

| Industry   | 2017 NAICS code | Index of aggregate weekly hours <sup>1</sup> |          |                        |                        |   | Index of aggregate weekly payrolls <sup>2</sup> |          |                        |                        |   |
|--|-----------------|--|----------|------------------------|------------------------|---|---|----------|------------------------|------------------------|---|
|  |                 | July 2017                                    | May 2018 | June 2018 <sup>P</sup> | July 2018 <sup>P</sup> | Percent change from: June 2018 - July 2018 <sup>P</sup> | July 2017                                       | May 2018 | June 2018 <sup>P</sup> | July 2018 <sup>P</sup> | Percent change from: June 2018 - July 2018 <sup>P</sup> |
| Metals and minerals <sup>3</sup> .....                           | 4235            | 96.9   | 98.7     | 99.6                   | -                      | -   | 113.2   | 123.8    | 125.5                  | -                      | -   |
| Electric goods <sup>3</sup> .....                                | 4236            | 94.4   | 92.5     | 93.7                   | -                      | -   | 122.6   | 126.1    | 126.9                  | -                      | -   |
| Electrical equipment and wiring <sup>3</sup> .....               | 42361           | 106.6  | 103.8    | 104.2                  | -                      | -   | 137.4   | 140.3    | 138.6                  | -                      | -   |
| Electric appliances and other electronic parts <sup>3</sup> .... | 42362,9         | 85.8   | 84.1     | 85.4                   | -                      | -   | 113.7   | 116.7    | 118.1                  | -                      | -   |
| Hardware and plumbing <sup>3</sup> .....                         | 4237            | 104.3  | 107.1    | 108.2                  | -                      | -   | 131.2   | 139.3    | 142.1                  | -                      | -   |
| Hardware <sup>3</sup> .....                                      | 42371           | 101.4  | 105.5    | 105.1                  | -                      | -   | 120.0   | 122.4    | 123.9                  | -                      | -   |
| Plumbing equipment <sup>3</sup> .....                            | 42372           | 104.5  | 107.6    | 109.1                  | -                      | -   | 127.8   | 143.3    | 145.7                  | -                      | -   |
| HVAC and refrigeration equipment <sup>3</sup> .....              | 42373,4         | 107.2  | 108.4    | 109.4                  | -                      | -   | 148.5   | 152.8    | 156.4                  | -                      | -   |
| Machinery and supplies <sup>3</sup> .....                        | 4238            | 98.2   | 100.6    | 100.7                  | -                      | -   | 120.4   | 126.7    | 127.2                  | -                      | -   |
| Construction equipment <sup>3</sup> .....                        | 42381           | 99.2   | 102.8    | 102.8                  | -                      | -   | 126.4   | 135.4    | 136.9                  | -                      | -   |
| Farm and garden equipment <sup>3</sup> .....                     | 42382           | 97.4   | 99.7     | 99.3                   | -                      | -   | 131.4   | 135.2    | 135.7                  | -                      | -   |
| Industrial machinery <sup>3</sup> .....                          | 42383           | 94.5   | 97.4     | 97.8                   | -                      | -   | 114.4   | 120.0    | 119.5                  | -                      | -   |
| Industrial supplies <sup>3</sup> .....                           | 42384           | 113.7  | 114.4    | 114.7                  | -                      | -   | 140.7   | 149.1    | 149.9                  | -                      | -   |
| Service establishment equipment <sup>3</sup> .....               | 42385           | 96.2   | 101.4    | 101.2                  | -                      | -   | 105.9   | 117.0    | 115.9                  | -                      | -   |
| Other transportation goods <sup>3</sup> .....                    | 42386           | 97.5   | 93.9     | 96.2                   | -                      | -   | 115.4   | 124.5    | 125.9                  | -                      | -   |
| Miscellaneous durable goods <sup>3</sup> .....                   | 4239            | 100.9  | 103.4    | 103.4                  | -                      | -   | 126.7   | 130.4    | 131.3                  | -                      | -   |
| Sporting goods <sup>3</sup> .....                                | 42391           | 119.8  | 118.7    | 118.7                  | -                      | -   | 156.3   | 159.8    | 163.5                  | -                      | -   |
| Recyclable materials <sup>3</sup> .....                          | 42393           | 89.2   | 96.2     | 97.4                   | -                      | -   | 103.5   | 113.2    | 115.5                  | -                      | -   |
| Jewelry <sup>3</sup> .....                                       | 42394           | 97.2   | 93.1     | 90.4                   | -                      | -   | 159.4   | 145.9    | 140.7                  | -                      | -   |
| Toy, hobby, and other durable goods <sup>3</sup> .....           | 42392,9         | 107.7  | 109.4    | 108.9                  | -                      | -   | 126.2   | 130.2    | 130.0                  | -                      | -   |
| Nondurable goods <sup>3</sup> .....                              | 424             | 102.1  | 102.1    | 101.6                  | -                      | -   | 119.9   | 123.7    | 123.3                  | -                      | -   |
| Paper and paper products <sup>3</sup> .....                      | 4241            | 86.8   | 87.2     | 86.7                   | -                      | -   | 109.4   | 108.9    | 108.8                  | -                      | -   |
| Druggists' goods <sup>3</sup> .....                              | 4242            | 88.6   | 90.7     | 91.5                   | -                      | -   | 102.1   | 106.7    | 108.0                  | -                      | -   |
| Apparel and piece goods <sup>3</sup> .....                       | 4243            | 96.5   | 93.8     | 94.6                   | -                      | -   | 107.9   | 110.3    | 110.0                  | -                      | -   |
| Grocery and related products <sup>3</sup> .....                  | 4244            | 111.6  | 110.9    | 110.5                  | -                      | -   | 127.9   | 128.9    | 129.1                  | -                      | -   |
| General line grocery <sup>3</sup> .....                          | 42441           | 107.1  | 107.5    | 107.0                  | -                      | -   | 126.5   | 123.1    | 121.8                  | -                      | -   |
| Fruits and vegetables <sup>3</sup> .....                         | 42448           | 138.4  | 136.7    | 136.5                  | -                      | -   | 135.0   | 141.9    | 142.8                  | -                      | -   |
| Farm product raw materials <sup>3</sup> .....                    | 4245            | 96.1   | 95.5     | 93.2                   | -                      | -   | 124.5   | 126.2    | 123.6                  | -                      | -   |
| Grains and field beans <sup>3</sup> .....                        | 42451           | 107.0  | 108.2    | 105.3                  | -                      | -   | 136.1   | 137.6    | 134.4                  | -                      | -   |
| Chemicals <sup>3</sup> .....                                     | 4246            | 97.2   | 100.0    | 99.9                   | -                      | -   | 122.4   | 131.2    | 131.3                  | -                      | -   |
| Petroleum <sup>3</sup> .....                                     | 4247            | 108.4  | 107.8    | 105.5                  | -                      | -   | 153.4   | 149.6    | 144.9                  | -                      | -   |
| Alcoholic beverages <sup>3</sup> .....                           | 4248            | 123.0  | 125.0    | 125.5                  | -                      | -   | 145.8   | 155.8    | 155.6                  | -                      | -   |
| Misc. nondurable goods <sup>3</sup> .....                        | 4249            | 92.4   | 90.5     | 89.5                   | -                      | -   | 108.1   | 112.9    | 112.2                  | -                      | -   |
| Farm supplies <sup>3</sup> .....                                 | 42491           | 106.5  | 108.3    | 106.9                  | -                      | -   | 121.6   | 134.5    | 133.8                  | -                      | -   |
| Nursery stock and florists' supplies <sup>3</sup> .....          | 42493           | 83.6   | 74.7     | 74.1                   | -                      | -   | 99.6  | 93.8     | 90.4                   | -                      | -   |
| Electronic markets and agents and brokers <sup>3</sup> .....     | 425             | 108.7  | 109.3    | 110.2                  | -                      | -   | 150.1   | 143.5    | 146.0                  | -                      | -   |
| Business to business electronic markets <sup>3</sup> .....       | 42511           | 59.4   | 56.8     | 57.0                   | -                      | -   | 79.8  | 75.6     | 77.7                   | -                      | -   |
| Wholesale trade agents and brokers <sup>3</sup> .....            | 42512           | 112.4  | 113.1    | 114.1                  | -                      | -   | 154.7   | 147.7    | 150.5                  | -                      | -   |
| Retail trade.....  |                 | 99.8   | 101.1    | 101.0                  | 100.7                  | -0.3  | 119.9   | 124.9    | 124.4                  | 124.5                  | 0.1   |
| Motor vehicle and parts dealers <sup>3</sup> .....               | 441             | 109.6  | 110.0    | 110.1                  | -                      | -   | 129.6   | 133.2    | 133.2                  | -                      | -   |
| Automobile dealers <sup>3</sup> .....                            | 4411            | 109.6  | 110.0    | 110.4                  | -                      | -   | 130.4   | 134.6    | 134.7                  | -                      | -   |
| New car dealers <sup>3</sup> .....                               | 44111           | 107.1  | 107.4    | 107.7                  | -                      | -   | 128.5   | 132.3    | 132.4                  | -                      | -   |
| Used car dealers <sup>3</sup> .....                              | 44112           | 129.7  | 130.9    | 132.7                  | -                      | -   | 154.3   | 156.9    | 156.3                  | -                      | -   |
| Other motor vehicle dealers <sup>3</sup> .....                   | 4412            | 93.9   | 91.8     | 91.4                   | -                      | -   | 100.0   | 101.6    | 101.9                  | -                      | -   |
| Auto parts, accessories, and tire stores <sup>3</sup> .....      | 4413            | 115.3  | 116.3    | 116.2                  | -                      | -   | 141.0   | 142.4    | 142.3                  | -                      | -   |
| Automotive parts and accessories stores <sup>3</sup> .....       | 44131           | 116.3  | 117.0    | 116.9                  | -                      | -   | 150.8   | 151.8    | 152.0                  | -                      | -   |
| Tire dealers <sup>3</sup> .....                                  | 44132           | 114.1  | 115.0    | 115.0                  | -                      | -   | 125.3   | 126.4    | 126.2                  | -                      | -   |
| Furniture and home furnishings stores <sup>3</sup> .....         | 442             | 84.8   | 85.8     | 86.2                   | -                      | -   | 98.3  | 102.5    | 102.1                  | -                      | -   |
| Furniture stores <sup>3</sup> .....                              | 4421            | 83.5   | 85.5     | 86.1                   | -                      | -   | 103.4   | 109.1    | 107.7                  | -                      | -   |
| Home furnishings stores <sup>3</sup> .....                       | 4422            | 86.4   | 86.1     | 86.2                   | -                      | -   | 93.2  | 96.1     | 95.8                   | -                      | -   |
| Floor covering stores <sup>3</sup> .....                         | 44221           | 76.3   | 77.7     | 76.7                   | -                      | -   | 76.9  | 82.3     | 80.9                   | -                      | -   |
| Other home furnishings stores <sup>3</sup> .....                 | 44229           | 93.7   | 92.5     | 92.8                   | -                      | -   | 110.3   | 110.3    | 110.4                  | -                      | -   |
| Electronics and appliance stores <sup>3</sup> .....              | 443             | 86.1   | 87.5     | 88.2                   | -                      | -   | 97.7  | 99.7     | 99.1                   | -                      | -   |

See footnotes at end of table.

**ESTABLISHMENT DATA**

**Table B-4a. Indexes of aggregate weekly hours and payrolls for all employees on private nonfarm payrolls by industry sector, seasonally adjusted — Continued**

[2007=100]

| Industry   | 2017 NAICS code | Index of aggregate weekly hours <sup>1</sup> |          |                        |                        |   | Index of aggregate weekly payrolls <sup>2</sup> |          |                        |                        |   |
|--|-----------------|--|----------|------------------------|------------------------|---|---|----------|------------------------|------------------------|---|
|  |                 | July 2017                                    | May 2018 | June 2018 <sup>P</sup> | July 2018 <sup>P</sup> | Percent change from: June 2018 - July 2018 <sup>P</sup> | July 2017                                       | May 2018 | June 2018 <sup>P</sup> | July 2018 <sup>P</sup> | Percent change from: June 2018 - July 2018 <sup>P</sup> |
| Household appliance stores <sup>3</sup> .....                    | 443141          | 75.9   | 76.1     | 75.8                   | -                      | -   | 81.1  | 85.0     | 87.1                   | -                      | -   |
| Electronics stores <sup>3</sup> .....                            | 443142          | 87.1   | 88.9     | 89.9                   | -                      | -   | 98.9  | 101.2    | 100.5                  | -                      | -   |
| Building material and garden supply stores <sup>3</sup> .....    | 444             | 87.0   | 89.0     | 88.7                   | -                      | -   | 94.8  | 99.6     | 99.6                   | -                      | -   |
| Building material and supplies dealers <sup>3</sup> .....        | 4441            | 84.4   | 86.0     | 85.6                   | -                      | -   | 91.7  | 95.4     | 95.3                   | -                      | -   |
| Home centers <sup>3</sup> .....                                  | 44411           | 87.6   | 89.6     | 89.6                   | -                      | -   | 96.6  | 100.8    | 100.7                  | -                      | -   |
| Hardware stores <sup>3</sup> .....                               | 44413           | 95.8   | 97.1     | 96.5                   | -                      | -   | 107.5   | 113.6    | 113.7                  | -                      | -   |
| Lawn and garden equipment and supplies stores <sup>3</sup> ..    | 4442            | 110.7  | 112.7    | 114.0                  | -                      | -   | 124.8   | 131.6    | 133.3                  | -                      | -   |
| Outdoor power equipment stores <sup>3</sup> .....                | 44421           | 110.2  | 107.8    | 109.1                  | -                      | -   | 126.3   | 125.9    | 128.0                  | -                      | -   |
| Nursery, garden, and farm supply stores <sup>3</sup> .....       | 44422           | 109.9  | 114.2    | 115.8                  | -                      | -   | 123.0   | 134.1    | 135.2                  | -                      | -   |
| Food and beverage stores <sup>3</sup> .....                      | 445             | 103.1  | 105.4    | 105.1                  | -                      | -   | 123.9   | 129.3    | 129.3                  | -                      | -   |
| Grocery stores <sup>3</sup> .....                                | 4451            | 102.6  | 104.9    | 104.5                  | -                      | -   | 123.8   | 129.3    | 128.7                  | -                      | -   |
| Supermarkets and other grocery stores <sup>3</sup> .....         | 44511           | 102.0  | 104.3    | 104.1                  | -                      | -   | 123.3   | 128.8    | 128.5                  | -                      | -   |
| Convenience stores <sup>3</sup> .....                            | 44512           | 112.1  | 116.9    | 117.2                  | -                      | -   | 136.1   | 143.6    | 142.6                  | -                      | -   |
| Specialty food stores <sup>3</sup> .....                         | 4452            | 95.9   | 99.1     | 98.2                   | -                      | -   | 113.7   | 120.8    | 120.2                  | -                      | -   |
| Meat markets and fish and seafood markets <sup>3</sup> .....     | 44521,2         | 109.5  | 111.4    | 113.0                  | -                      | -   | 129.9   | 134.8    | 137.6                  | -                      | -   |
| Beer, wine, and liquor stores <sup>3</sup> .....                 | 4453            | 119.7  | 123.2    | 123.7                  | -                      | -   | 131.3   | 136.4    | 139.4                  | -                      | -   |
| Health and personal care stores <sup>3</sup> .....               | 446             | 101.7  | 100.6    | 100.9                  | -                      | -   | 114.5   | 117.0    | 117.8                  | -                      | -   |
| Pharmacies and drug stores <sup>3</sup> .....                    | 44611           | 94.6   | 93.1     | 93.1                   | -                      | -   | 113.2   | 116.0    | 116.0                  | -                      | -   |
| Cosmetic and beauty supply stores <sup>3</sup> .....             | 44612           | 138.8  | 140.0    | 141.6                  | -                      | -   | 134.5   | 133.1    | 137.4                  | -                      | -   |
| Optical goods stores <sup>3</sup> .....                          | 44613           | 118.1  | 122.9    | 125.7                  | -                      | -   | 142.1   | 147.2    | 150.9                  | -                      | -   |
| Other health and personal care stores <sup>3</sup> .....         | 44619           | 98.0   | 100.1    | 102.4                  | -                      | -   | 87.6  | 97.2     | 99.0                   | -                      | -   |
| Gasoline stations <sup>3</sup> .....                             | 447             | 106.5  | 108.7    | 108.8                  | -                      | -   | 133.9   | 139.9    | 139.1                  | -                      | -   |
| Gasoline stations with convenience stores <sup>3</sup> .....     | 44711           | 109.0  | 111.4    | 111.7                  | -                      | -   | 139.0   | 145.3    | 144.6                  | -                      | -   |
| Other gasoline stations <sup>3</sup> .....                       | 44719           | 93.0   | 91.6     | 91.8                   | -                      | -   | 108.3   | 111.5    | 111.0                  | -                      | -   |
| Clothing and clothing accessories stores <sup>3</sup> .....      | 448             | 93.0   | 91.1     | 91.4                   | -                      | -   | 110.5   | 114.1    | 113.9                  | -                      | -   |
| Clothing stores <sup>3</sup> .....                               | 4481            | 91.2   | 88.9     | 89.5                   | -                      | -   | 107.9   | 111.1    | 111.6                  | -                      | -   |
| Men's clothing stores <sup>3</sup> .....                         | 44811           | 71.6   | 77.1     | 75.0                   | -                      | -   | 94.8  | 109.6    | 106.4                  | -                      | -   |
| Women's clothing stores <sup>3</sup> .....                       | 44812           | 94.1   | 86.3     | 87.7                   | -                      | -   | 95.6  | 89.1     | 91.1                   | -                      | -   |
| Family clothing stores <sup>3</sup> .....                        | 44814           | 87.3   | 88.3     | 89.2                   | -                      | -   | 113.5   | 122.0    | 123.6                  | -                      | -   |
| Clothing accessories stores <sup>3</sup> .....                   | 44815           | 117.7  | 102.7    | 108.4                  | -                      | -   | 140.8   | 131.4    | 140.5                  | -                      | -   |
| Shoe stores <sup>3</sup> .....                                   | 4482            | 114.9  | 112.0    | 112.2                  | -                      | -   | 139.5   | 137.7    | 137.8                  | -                      | -   |
| Jewelry, luggage, and leather goods stores <sup>3</sup> .....    | 4483            | 82.5   | 84.3     | 84.0                   | -                      | -   | 100.5   | 110.5    | 108.7                  | -                      | -   |
| Sporting goods, hobby, book, and music stores <sup>3</sup> ..... | 451             | 97.8   | 96.8     | 97.9                   | -                      | -   | 121.3   | 122.5    | 123.5                  | -                      | -   |
| Sporting goods and musical instrument stores <sup>3</sup> .....  | 4511            | 110.7  | 109.3    | 111.0                  | -                      | -   | 138.9   | 139.4    | 141.3                  | -                      | -   |
| Sporting goods stores <sup>3</sup> .....                         | 45111           | 124.7  | 121.3    | 123.9                  | -                      | -   | 159.5   | 157.1    | 159.5                  | -                      | -   |
| Hobby, toy, and game stores <sup>3</sup> .....                   | 45112           | 108.9  | 108.7    | 111.8                  | -                      | -   | 142.7   | 149.6    | 152.2                  | -                      | -   |
| Book stores and news dealers <sup>3</sup> .....                  | 4512            | 54.4   | 49.5     | 49.3                   | -                      | -   | 63.3  | 60.6     | 59.9                   | -                      | -   |
| General merchandise stores <sup>3</sup> .....                    | 452             | 97.1   | 99.2     | 99.2                   | -                      | -   | 126.8   | 135.9    | 136.4                  | -                      | -   |
| Miscellaneous store retailers <sup>3</sup> .....                 | 453             | 95.8   | 96.4     | 96.4                   | -                      | -   | 115.5   | 116.9    | 116.7                  | -                      | -   |
| Florists <sup>3</sup> .....                                      | 4531            | 60.9   | 66.6     | 65.0                   | -                      | -   | 75.2  | 82.5     | 81.0                   | -                      | -   |
| Office supplies, stationery, and gift stores <sup>3</sup> .....  | 4532            | 70.5   | 67.7     | 67.1                   | -                      | -   | 84.5  | 79.3     | 79.0                   | -                      | -   |
| Office supplies and stationery stores <sup>3</sup> .....         | 45321           | 63.0   | 59.3     | 60.0                   | -                      | -   | 77.3  | 72.4     | 72.7                   | -                      | -   |
| Gift, novelty, and souvenir stores <sup>3</sup> .....            | 45322           | 78.3   | 76.8     | 74.3                   | -                      | -   | 93.9  | 88.7     | 86.6                   | -                      | -   |
| Used merchandise stores <sup>3</sup> .....                       | 4533            | 142.7  | 142.0    | 142.9                  | -                      | -   | 199.5   | 200.3    | 199.6                  | -                      | -   |
| Other miscellaneous store retailers <sup>3</sup> .....           | 4539            | 116.2  | 119.8    | 120.4                  | -                      | -   | 134.5   | 142.1    | 142.5                  | -                      | -   |
| Pet and pet supplies stores <sup>3</sup> .....                   | 45391           | 130.2  | 136.4    | 138.9                  | -                      | -   | 155.3   | 166.8    | 169.0                  | -                      | -   |
| Nonstore retailers <sup>3</sup> .....                            | 454             | 133.9  | 136.9    | 138.2                  | -                      | -   | 171.6   | 174.2    | 175.5                  | -                      | -   |
| Electronic shopping and mail-order houses <sup>3</sup> .....     | 4541            | 163.7  | 168.5    | 170.6                  | -                      | -   | 210.3   | 213.3    | 214.7                  | -                      | -   |
| Transportation and warehousing.....                              |                 | 114.7  | 117.9    | 118.6                  | 118.9                  | 0.3   | 139.0   | 145.5    | 146.3                  | 146.8                  | 0.3   |
| Air transportation <sup>3</sup> .....                            | 481             | 94.6   | 94.9     | 96.3                   | -                      | -   | 117.1   | 119.7    | 120.9                  | -                      | -   |
| Truck transportation <sup>3</sup> .....                          | 484             | 106.1  | 106.8    | 107.5                  | -                      | -   | 125.5   | 130.1    | 131.2                  | -                      | -   |
| General freight trucking <sup>3</sup> .....                      | 4841            | 105.3  | 106.5    | 107.4                  | -                      | -   | 124.4   | 128.2    | 129.8                  | -                      | -   |
| General freight trucking, local <sup>3</sup> .....               | 48411           | 105.8  | 108.1    | 109.1                  | -                      | -   | 124.3   | 133.5    | 135.2                  | -                      | -   |

See footnotes at end of table.

**ESTABLISHMENT DATA**

**Table B-4a. Indexes of aggregate weekly hours and payrolls for all employees on private nonfarm payrolls by industry sector, seasonally adjusted — Continued**

[2007=100]

| Industry   | 2017 NAICS code | Index of aggregate weekly hours <sup>1</sup> |          |                        |                        |   | Index of aggregate weekly payrolls <sup>2</sup> |          |                        |                        |   |
|--|-----------------|--|----------|------------------------|------------------------|---|---|----------|------------------------|------------------------|---|
|  |                 | July 2017                                    | May 2018 | June 2018 <sup>P</sup> | July 2018 <sup>P</sup> | Percent change from: June 2018 - July 2018 <sup>P</sup> | July 2017                                       | May 2018 | June 2018 <sup>P</sup> | July 2018 <sup>P</sup> | Percent change from: June 2018 - July 2018 <sup>P</sup> |
| General freight trucking, long-distance <sup>3</sup> .....                     | 48412           | 105.5  | 106.2    | 107.2                  | -                      | -   | 124.5   | 126.8    | 128.8                  | -                      | -   |
| General freight trucking, long-distance TL <sup>3</sup> .....                  | 484121          | 98.1   | 98.4     | 99.4                   | -                      | -   | 113.8   | 114.4    | 116.0                  | -                      | -   |
| General freight trucking, long-distance LTL <sup>3</sup> ....                  | 484122          | 123.8  | 126.3    | 126.8                  | -                      | -   | 151.4   | 157.7    | 159.8                  | -                      | -   |
| Specialized freight trucking <sup>3</sup> .....                                | 4842            | 107.1  | 107.2    | 106.9                  | -                      | -   | 127.4   | 134.0    | 133.9                  | -                      | -   |
| Used household and office goods moving <sup>3</sup> .....                      | 48421           | 93.0   | 93.6     | 93.0                   | -                      | -   | 114.1   | 123.8    | 123.0                  | -                      | -   |
| Other specialized trucking, local <sup>3</sup> .....                           | 48422           | 108.1  | 107.3    | 106.9                  | -                      | -   | 126.2   | 134.2    | 134.1                  | -                      | -   |
| Other specialized trucking, long-distance <sup>3</sup> .....                   | 48423           | 117.8  | 116.7    | 116.7                  | -                      | -   | 140.7   | 140.1    | 139.4                  | -                      | -   |
| Transit and ground passenger transportation <sup>3</sup> .....                 | 485             | 123.4  | 125.8    | 128.9                  | -                      | -   | 149.5   | 158.1    | 160.9                  | -                      | -   |
| School and employee bus transportation <sup>3</sup> .....                      | 4854            | 116.3  | 120.2    | 130.4                  | -                      | -   | 140.2   | 151.5    | 161.1                  | -                      | -   |
| Other ground passenger transportation <sup>3</sup> .....                       | 4859            | 146.2  | 146.2    | 146.9                  | -                      | -   | 172.1   | 176.5    | 177.2                  | -                      | -   |
| Support activities for transportation <sup>3</sup> .....                       | 488             | 114.1  | 119.1    | 118.6                  | -                      | -   | 136.8   | 146.2    | 145.8                  | -                      | -   |
| Support activities for air transportation <sup>3</sup> .....                   | 4881            | 129.4  | 129.0    | 127.9                  | -                      | -   | 162.1   | 158.0    | 155.5                  | -                      | -   |
| Airport operations <sup>3</sup> .....  | 48811           | 137.3  | 140.5    | 139.8                  | -                      | -   | 144.6   | 145.3    | 145.5                  | -                      | -   |
| Support activities for water transportation <sup>3</sup> .....                 | 4883            | 72.6   | 82.4     | 81.7                   | -                      | -   | 92.9  | 114.5    | 113.3                  | -                      | -   |
| Support activities for road transportation <sup>3</sup> .....                  | 4884            | 131.2  | 137.1    | 138.8                  | -                      | -   | 150.0   | 157.0    | 159.8                  | -                      | -   |
| Motor vehicle towing <sup>3</sup> .....  | 48841           | 146.7  | 154.7    | 153.7                  | -                      | -   | 172.2   | 185.1    | 186.8                  | -                      | -   |
| Freight transportation arrangement <sup>3</sup> .....                          | 4885            | 115.5  | 120.4    | 120.2                  | -                      | -   | 146.4   | 154.6    | 156.5                  | -                      | -   |
| Support activities for other transportation, including rail <sup>3</sup> ..... | 4882,9          | 122.5  | 125.6    | 126.5                  | -                      | -   | 135.8   | 146.2    | 147.9                  | -                      | -   |
| Couriers and messengers <sup>3</sup> .....                                     | 492             | 121.1  | 129.5    | 130.4                  | -                      | -   | 174.1   | 190.4    | 188.4                  | -                      | -   |
| Warehousing and storage <sup>3</sup> .....                                     | 493             | 149.7  | 157.1    | 158.5                  | -                      | -   | 178.0   | 191.0    | 193.4                  | -                      | -   |
| General warehousing and storage <sup>3</sup> .....                             | 49311           | 155.2  | 163.6    | 165.1                  | -                      | -   | 180.7   | 195.0    | 197.8                  | -                      | -   |
| Refrigerated warehousing and storage <sup>3</sup> .....                        | 49312           | 124.8  | 130.0    | 130.7                  | -                      | -   | 172.4   | 181.6    | 183.4                  | -                      | -   |
| Miscellaneous warehousing and storage <sup>3</sup> .....                       | 49313,9         | 107.8  | 110.4    | 111.2                  | -                      | -   | 146.3   | 151.8    | 153.0                  | -                      | -   |
| Utilities.....   | 22              | 101.4  | 100.6    | 100.6                  | 99.3                   | -1.3  | 131.8   | 133.7    | 133.9                  | 133.7                  | -0.1  |
| Power generation and supply <sup>3</sup> .....                                 | 2211            | 99.0   | 98.5     | 99.1                   | -                      | -   | 130.3   | 130.2    | 131.2                  | -                      | -   |
| Electric power generation <sup>3</sup> .....                                   | 22111           | 67.3   | 65.3     | 65.3                   | -                      | -   | 90.2  | 87.7     | 88.6                   | -                      | -   |
| Fossil fuel electric power generation <sup>3</sup> .....                       | 221112          | 71.8   | 70.9     | 71.4                   | -                      | -   | 93.6  | 92.6     | 93.8                   | -                      | -   |
| Electric power transmission and distribution <sup>3</sup> .....                | 22112           | 146.4  | 147.2    | 148.7                  | -                      | -   | 194.4   | 196.7    | 197.9                  | -                      | -   |
| Natural gas distribution <sup>3</sup> .....                                    | 2212            | 108.9  | 106.2    | 103.0                  | -                      | -   | 131.6   | 141.8    | 139.0                  | -                      | -   |
| Water, sewage and other systems <sup>3</sup> .....                             | 2213            | 102.9  | 105.4    | 104.8                  | -                      | -   | 148.9   | 150.2    | 150.4                  | -                      | -   |
| Information.....   | 51              | 92.6   | 90.9     | 90.6                   | 91.1                   | 0.6   | 126.8   | 127.2    | 127.4                  | 127.8                  | 0.3   |
| Publishing industries, except Internet <sup>3</sup> .....                      | 511             | 84.2   | 82.6     | 82.9                   | -                      | -   | 124.5   | 123.0    | 124.1                  | -                      | -   |
| Newspaper, book, and directory publishers <sup>3</sup> .....                   | 5111            | 55.6   | 53.5     | 53.2                   | -                      | -   | 65.2  | 62.5     | 61.8                   | -                      | -   |
| Newspaper publishers <sup>3</sup> .....  | 51111           | 46.9   | 42.9     | 43.0                   | -                      | -   | 51.2  | 45.0     | 44.6                   | -                      | -   |
| Periodical publishers <sup>3</sup> .....                                       | 51112           | 65.9   | 66.2     | 65.6                   | -                      | -   | 84.4  | 84.6     | 82.6                   | -                      | -   |
| Book publishers <sup>3</sup> .....   | 51113           | 79.5   | 81.5     | 81.6                   | -                      | -   | 93.4  | 100.8    | 101.6                  | -                      | -   |
| Software publishers <sup>3</sup> .....   | 5112            | 148.7  | 149.3    | 151.6                  | -                      | -   | 197.8   | 198.2    | 202.0                  | -                      | -   |
| Motion picture and sound recording industries <sup>3</sup> .....               | 512             | 120.2  | 115.8    | 110.8                  | -                      | -   | 161.5   | 155.7    | 148.1                  | -                      | -   |
| Broadcasting, except Internet <sup>3</sup> .....                               | 515             | 79.2   | 79.5     | 80.5                   | -                      | -   | 106.3   | 111.4    | 110.6                  | -                      | -   |
| Radio broadcasting <sup>3</sup> .....  | 51511           | 75.7   | 75.4     | 78.4                   | -                      | -   | 104.3   | 108.9    | 109.2                  | -                      | -   |
| Telecommunications <sup>3</sup> .....  | 517             | 72.9   | 70.3     | 69.6                   | -                      | -   | 85.5  | 87.9     | 88.3                   | -                      | -   |
| Wired and wireless telecommunications carriers <sup>3</sup> .....              | 5173            | 76.0   | 72.6     | 72.3                   | -                      | -   | 87.4  | 89.7     | 90.6                   | -                      | -   |
| Wired telecommunications carriers <sup>3</sup> .....                           | 517311          | 82.6   | 77.9     | 77.4                   | -                      | -   | 99.5  | 100.4    | 101.1                  | -                      | -   |
| Wireless telecommunications carriers, except satellite <sup>3</sup> .....      | 517312          | 53.1   | 54.9     | 54.7                   | -                      | -   | 53.3  | 60.5     | 60.8                   | -                      | -   |
| Other telecommunications <sup>3</sup> .....                                    | 5174,9          | 56.1   | 56.0     | 56.1                   | -                      | -   | 75.7  | 77.7     | 78.1                   | -                      | -   |
| Telecommunications resellers <sup>3</sup> .....                                | 517911          | 45.0   | 43.1     | 42.7                   | -                      | -   | 49.4  | 49.0     | 50.1                   | -                      | -   |
| Data processing, hosting and related services <sup>3</sup> .....               | 518             | 124.2  | 126.0    | 126.2                  | -                      | -   | 198.6   | 197.9    | 202.9                  | -                      | -   |
| Other information services <sup>3</sup> .....                                  | 519             | 238.0  | 247.3    | 247.5                  | -                      | -   | 371.1   | 388.2    | 387.0                  | -                      | -   |
| Financial activities.....  |                 | 103.6  | 105.4    | 105.9                  | 105.5                  | -0.4  | 134.4   | 142.6    | 143.1                  | 143.4                  | 0.2   |
| Credit intermediation and related activities <sup>3</sup> .....                | 522             | 94.7   | 95.8     | 96.2                   | -                      | -   | 124.0   | 136.7    | 136.3                  | -                      | -   |
| Depository credit intermediation <sup>3</sup> .....                            | 5221            | 96.3   | 97.5     | 97.9                   | -                      | -   | 126.3   | 143.9    | 143.4                  | -                      | -   |

See footnotes at end of table.

**ESTABLISHMENT DATA**

**Table B-4a. Indexes of aggregate weekly hours and payrolls for all employees on private nonfarm payrolls by industry sector, seasonally adjusted — Continued**

[2007=100]

| Industry   | 2017 NAICS code | Index of aggregate weekly hours <sup>1</sup> |          |                        |                        |   | Index of aggregate weekly payrolls <sup>2</sup> |          |                        |                        |   |
|--|-----------------|--|----------|------------------------|------------------------|---|---|----------|------------------------|------------------------|---|
|  |                 | July 2017                                    | May 2018 | June 2018 <sup>P</sup> | July 2018 <sup>P</sup> | Percent change from: June 2018 - July 2018 <sup>P</sup> | July 2017                                       | May 2018 | June 2018 <sup>P</sup> | July 2018 <sup>P</sup> | Percent change from: June 2018 - July 2018 <sup>P</sup> |
| Commercial banking <sup>3</sup> .....  | 52211           | 100.7  | 102.1    | 102.5                  | -                      | -   | 135.5   | 157.1    | 156.2                  | -                      | -   |
| Savings institutions <sup>3</sup> .....  | 52212           | 52.2   | 51.8     | 52.3                   | -                      | -   | 58.9  | 61.8     | 61.4                   | -                      | -   |
| Credit unions and other depository credit intermediation <sup>3</sup> .....              | 52213,9         | 114.4  | 115.4    | 116.1                  | -                      | -   | 148.3   | 156.7    | 158.3                  | -                      | -   |
| Nondepository credit intermediation <sup>3</sup> .....                                   | 5222            | 88.0   | 88.7     | 88.5                   | -                      | -   | 111.5   | 116.8    | 118.4                  | -                      | -   |
| Other nondepository credit intermediation <sup>3</sup> .....                             | 52229           | 90.1   | 91.2     | 90.9                   | -                      | -   | 108.4   | 116.1    | 116.9                  | -                      | -   |
| Consumer lending <sup>3</sup> .....  | 522291          | 87.0   | 84.2     | 83.9                   | -                      | -   | 116.0   | 117.8    | 118.1                  | -                      | -   |
| Real estate credit <sup>3</sup> .....  | 522292          | 85.6   | 89.2     | 88.8                   | -                      | -   | 106.0   | 114.6    | 115.1                  | -                      | -   |
| Miscellaneous nondepository credit intermediation <sup>3</sup> .....                     | 522293,4,8      | 110.6  | 109.6    | 108.6                  | -                      | -   | 109.4   | 120.8    | 120.5                  | -                      | -   |
| Activities related to credit intermediation <sup>3</sup> .....                           | 5223            | 100.7  | 103.0    | 102.4                  | -                      | -   | 144.9   | 147.2    | 142.5                  | -                      | -   |
| Mortgage and nonmortgage loan brokers <sup>3</sup> .....                                 | 52231           | 82.9   | 86.5     | 85.5                   | -                      | -   | 104.8   | 109.1    | 105.1                  | -                      | -   |
| Financial transaction processing and clearing <sup>3</sup> .....                         | 52232           | 121.8  | 125.3    | 124.6                  | -                      | -   | 207.8   | 211.3    | 201.8                  | -                      | -   |
| Other credit intermediation activities <sup>3</sup> .....                                | 52239           | 96.5   | 97.7     | 98.5                   | -                      | -   | 133.8   | 137.2    | 136.1                  | -                      | -   |
| Securities, commodity contracts, investments, and funds and trusts <sup>3</sup> .....    | 523,5           | 103.4  | 105.9    | 106.3                  | -                      | -   | 137.9   | 144.6    | 146.8                  | -                      | -   |
| Securities brokerage <sup>3</sup> .....  | 52312           | 90.3   | 94.0     | 94.2                   | -                      | -   | 117.3   | 127.7    | 131.8                  | -                      | -   |
| Securities and commodity contracts brokerage and exchanges <sup>3</sup> .....            | 5231,2          | 87.7   | 90.3     | 90.3                   | -                      | -   | 124.0   | 128.7    | 131.6                  | -                      | -   |
| Other financial investment activities, including funds and trusts <sup>3</sup> .....     | 5239; 525       | 125.9  | 129.5    | 129.6                  | -                      | -   | 155.3   | 166.6    | 167.1                  | -                      | -   |
| Miscellaneous intermediation <sup>3</sup> .....  | 52391           | 117.0  | 116.6    | 115.2                  | -                      | -   | 196.7   | 197.6    | 191.3                  | -                      | -   |
| Portfolio management <sup>3</sup> .....  | 52392           | 126.8  | 130.1    | 131.3                  | -                      | -   | 150.0   | 167.5    | 170.1                  | -                      | -   |
| Investment advice <sup>3</sup> .....   | 52393           | 132.2  | 137.8    | 138.8                  | -                      | -   | 161.8   | 167.9    | 169.0                  | -                      | -   |
| All other financial investment activities, including funds and trusts <sup>3</sup> ..... | 52399; 525      | 109.6  | 108.8    | 108.6                  | -                      | -   | 137.1   | 140.9    | 140.7                  | -                      | -   |
| Insurance carriers and related activities <sup>3</sup> .....                             | 524             | 113.9  | 113.7    | 114.1                  | -                      | -   | 142.4   | 145.7    | 146.0                  | -                      | -   |
| Insurance carriers <sup>3</sup> .....  | 5241            | 108.8  | 108.5    | 108.6                  | -                      | -   | 137.3   | 140.0    | 140.3                  | -                      | -   |
| Direct life and health insurance carriers <sup>3</sup> .....                             | 52411           | 111.0  | 112.9    | 112.7                  | -                      | -   | 144.7   | 150.9    | 151.2                  | -                      | -   |
| Direct insurers, except life and health <sup>3</sup> .....                               | 52412           | 106.2  | 103.6    | 103.9                  | -                      | -   | 128.3   | 127.6    | 127.8                  | -                      | -   |
| Direct property and casualty insurers <sup>3</sup> .....                                 | 524126          | 106.6  | 104.2    | 104.6                  | -                      | -   | 127.7   | 127.5    | 127.5                  | -                      | -   |
| Direct title insurance and other direct insurance carriers <sup>3</sup> .....            | 524127,8        | 101.1  | 99.4     | 100.0                  | -                      | -   | 129.8   | 126.9    | 130.3                  | -                      | -   |
| Reinsurance carriers <sup>3</sup> .....  | 52413           | 95.9   | 94.8     | 95.5                   | -                      | -   | 131.4   | 126.7    | 127.4                  | -                      | -   |
| Insurance agencies, brokerages, and related services <sup>3</sup> .....                  | 5242            | 121.8  | 122.6    | 122.8                  | -                      | -   | 150.8   | 156.5    | 156.0                  | -                      | -   |
| Insurance agencies and brokerages <sup>3</sup> .....                                     | 52421           | 119.1  | 119.3    | 119.5                  | -                      | -   | 138.9   | 144.8    | 143.6                  | -                      | -   |
| Other insurance-related activities <sup>3</sup> .....                                    | 52429           | 129.0  | 131.4    | 131.1                  | -                      | -   | 183.7   | 189.4    | 189.5                  | -                      | -   |
| Claims adjusting <sup>3</sup> .....  | 524291          | 115.1  | 118.5    | 115.9                  | -                      | -   | 156.0   | 157.9    | 154.1                  | -                      | -   |
| Third-party administration of insurance funds <sup>3</sup> .....                         | 524292          | 125.1  | 128.5    | 129.2                  | -                      | -   | 165.4   | 175.7    | 176.6                  | -                      | -   |
| All other insurance-related activities <sup>3</sup> .....                                | 524298          | 151.4  | 151.2    | 152.1                  | -                      | -   | 256.8   | 255.0    | 258.5                  | -                      | -   |
| Real estate <sup>3</sup> .....   | 531             | 109.0  | 113.1    | 113.3                  | -                      | -   | 140.0   | 148.6    | 148.9                  | -                      | -   |
| Lessors of real estate <sup>3</sup> .....  | 5311            | 100.1  | 101.1    | 101.9                  | -                      | -   | 128.4   | 135.9    | 136.6                  | -                      | -   |
| Lessors of residential buildings <sup>3</sup> .....                                      | 53111           | 98.8   | 98.7     | 99.1                   | -                      | -   | 131.0   | 135.8    | 135.8                  | -                      | -   |
| Lessors of nonresidential buildings <sup>3</sup> .....                                   | 53112           | 93.6   | 97.8     | 99.7                   | -                      | -   | 117.5   | 131.9    | 134.0                  | -                      | -   |
| Miniwarehouse and self-storage unit operators <sup>3</sup> .....                         | 53113           | 134.2  | 135.5    | 138.9                  | -                      | -   | 143.0   | 145.3    | 150.6                  | -                      | -   |
| Lessors of other real estate property <sup>3</sup> .....                                 | 53119           | 104.3  | 99.9     | 103.6                  | -                      | -   | 154.1   | 152.4    | 161.5                  | -                      | -   |
| Offices of real estate agents and brokers <sup>3</sup> .....                             | 5312            | 86.4   | 90.7     | 91.4                   | -                      | -   | 113.4   | 117.5    | 115.2                  | -                      | -   |
| Activities related to real estate <sup>3</sup> .....                                     | 5313            | 134.9  | 141.9    | 141.8                  | -                      | -   | 170.6   | 183.4    | 185.3                  | -                      | -   |
| Real estate property managers <sup>3</sup> .....   | 53131           | 135.6  | 143.6    | 143.2                  | -                      | -   | 171.3   | 184.5    | 185.9                  | -                      | -   |
| Residential property managers <sup>3</sup> .....   | 531311          | 139.6  | 149.7    | 149.6                  | -                      | -   | 175.9   | 192.7    | 196.3                  | -                      | -   |
| Nonresidential property managers <sup>3</sup> .....                                      | 531312          | 125.5  | 128.7    | 127.4                  | -                      | -   | 160.4   | 169.9    | 167.4                  | -                      | -   |
| Offices of real estate appraisers <sup>3</sup> .....                                     | 53132           | 94.7   | 86.5     | 88.0                   | -                      | -   | 91.6  | 95.7     | 101.2                  | -                      | -   |
| Other activities related to real estate <sup>3</sup> .....                               | 53139           | 161.4  | 177.5    | 179.3                  | -                      | -   | 242.3   | 265.5    | 267.8                  | -                      | -   |
| Rental and leasing services <sup>3</sup> .....   | 532             | 95.5   | 100.6    | 100.9                  | -                      | -   | 127.3   | 139.3    | 140.5                  | -                      | -   |
| Automotive equipment rental and leasing <sup>3</sup> .....                               | 5321            | 118.9  | 121.7    | 124.8                  | -                      | -   | 165.4   | 178.6    | 181.3                  | -                      | -   |

See footnotes at end of table.



**ESTABLISHMENT DATA**

**Table B-4a. Indexes of aggregate weekly hours and payrolls for all employees on private nonfarm payrolls by industry sector, seasonally adjusted — Continued**

[2007=100]

| Industry   | 2017 NAICS code | Index of aggregate weekly hours <sup>1</sup> |          |                        |                        |   | Index of aggregate weekly payrolls <sup>2</sup> |          |                        |                        |   |
|--|-----------------|--|----------|------------------------|------------------------|---|---|----------|------------------------|------------------------|---|
|  |                 | July 2017                                    | May 2018 | June 2018 <sup>P</sup> | July 2018 <sup>P</sup> | Percent change from: June 2018 - July 2018 <sup>P</sup> | July 2017                                       | May 2018 | June 2018 <sup>P</sup> | July 2018 <sup>P</sup> | Percent change from: June 2018 - July 2018 <sup>P</sup> |
| Consumer goods rental <sup>3</sup> .....   | 5322            | 68.5   | 67.5     | 66.3                   | -                      | -   | 79.7  | 86.2     | 86.9                   | -                      | -   |
| Home health equipment rental <sup>3</sup> .....  | 532283          | 96.0   | 92.1     | 91.9                   | -                      | -   | 98.3  | 102.1    | 103.8                  | -                      | -   |
| General rental centers <sup>3</sup> .....  | 5323            | 60.6   | 63.9     | 61.9                   | -                      | -   | 72.4  | 73.6     | 72.7                   | -                      | -   |
| Machinery and equipment rental and leasing <sup>3</sup> .....  | 5324            | 121.3  | 140.0    | 143.2                  | -                      | -   | 155.5   | 175.6    | 179.0                  | -                      | -   |
| Heavy machinery rental and leasing <sup>3</sup> .....  | 53241           | 116.4  | 140.6    | 144.8                  | -                      | -   | 152.6   | 178.6    | 181.9                  | -                      | -   |
| Office equipment and other machinery rental and leasing <sup>3</sup> .....   | 53242,9         | 127.5  | 139.9    | 141.8                  | -                      | -   | 160.1   | 173.2    | 175.8                  | -                      | -   |
| Professional and business services.....  |                 | 116.4  | 119.1    | 119.4                  | 119.7                  | 0.3   | 148.9   | 155.9    | 156.6                  | 157.5                  | 0.6   |
| Professional and technical services <sup>3</sup> .....   | 54              | 119.9  | 122.7    | 123.0                  | -                      | -   | 151.0   | 157.8    | 158.4                  | -                      | -   |
| Legal services <sup>3</sup> .....  | 5411            | 99.2   | 99.3     | 99.9                   | -                      | -   | 121.5   | 124.4    | 125.8                  | -                      | -   |
| Offices of lawyers <sup>3</sup> .....  | 54111           | 98.8   | 99.1     | 99.6                   | -                      | -   | 121.6   | 124.7    | 126.0                  | -                      | -   |
| Other legal services <sup>3</sup> .....  | 54119           | 103.6  | 102.4    | 100.8                  | -                      | -   | 117.7   | 121.0    | 119.4                  | -                      | -   |
| Title abstract and settlement offices <sup>3</sup> .....   | 541191          | 91.7   | 90.8     | 89.0                   | -                      | -   | 99.7  | 101.1    | 98.5                   | -                      | -   |
| Accounting and bookkeeping services <sup>3</sup> .....   | 5412            | 107.4  | 110.4    | 110.8                  | -                      | -   | 144.7   | 153.5    | 154.4                  | -                      | -   |
| Offices of certified public accountants <sup>3</sup> .....   | 541211          | 108.5  | 112.4    | 113.1                  | -                      | -   | 132.2   | 141.2    | 142.5                  | -                      | -   |
| Payroll services <sup>3</sup> .....  | 541214          | 112.2  | 115.7    | 115.5                  | -                      | -   | 182.6   | 190.5    | 190.0                  | -                      | -   |
| Architectural and engineering services <sup>3</sup> .....  | 5413            | 100.3  | 103.3    | 103.5                  | -                      | -   | 127.1   | 133.9    | 134.5                  | -                      | -   |
| Architectural services <sup>3</sup> .....  | 54131           | 88.9   | 91.0     | 91.9                   | -                      | -   | 111.2   | 117.0    | 118.5                  | -                      | -   |
| Landscape architectural services <sup>3</sup> .....  | 54132           | 69.6   | 71.9     | 72.9                   | -                      | -   | 88.2  | 93.9     | 94.2                   | -                      | -   |
| Engineering and drafting services <sup>3</sup> .....   | 54133,4         | 104.0  | 107.8    | 108.1                  | -                      | -   | 133.2   | 141.0    | 141.6                  | -                      | -   |
| Building inspection, surveying, and mapping services <sup>3</sup> .....  | 54135,6,7       | 90.2   | 91.5     | 92.2                   | -                      | -   | 109.5   | 115.5    | 117.4                  | -                      | -   |
| Testing laboratories <sup>3</sup> .....  | 54138           | 107.1  | 108.3    | 108.4                  | -                      | -   | 124.9   | 128.4    | 129.6                  | -                      | -   |
| Specialized design services <sup>3</sup> .....   | 5414            | 104.5  | 103.3    | 102.8                  | -                      | -   | 128.6   | 132.5    | 132.6                  | -                      | -   |
| Interior design services <sup>3</sup> .....  | 54141           | 95.8   | 103.4    | 100.7                  | -                      | -   | 106.3   | 122.8    | 118.5                  | -                      | -   |
| Graphic design services <sup>3</sup> .....   | 54143           | 94.9   | 90.6     | 91.0                   | -                      | -   | 129.6   | 128.5    | 129.8                  | -                      | -   |
| Computer systems design and related services <sup>3</sup> .....  | 5415            | 149.3  | 152.7    | 153.5                  | -                      | -   | 173.9   | 183.6    | 185.0                  | -                      | -   |
| Custom computer programming services <sup>3</sup> .....  | 541511          | 147.7  | 151.8    | 151.9                  | -                      | -   | 167.1   | 177.9    | 177.6                  | -                      | -   |
| Computer systems design services <sup>3</sup> .....  | 541512          | 161.1  | 163.6    | 163.7                  | -                      | -   | 189.5   | 197.7    | 199.0                  | -                      | -   |
| Other computer-related services <sup>3</sup> .....   | 541519          | 111.7  | 116.4    | 118.7                  | -                      | -   | 129.6   | 138.7    | 143.1                  | -                      | -   |
| Management and technical consulting services <sup>3</sup> .....  | 5416            | 152.7  | 155.7    | 156.6                  | -                      | -   | 195.6   | 197.7    | 198.7                  | -                      | -   |
| Management consulting services <sup>3</sup> .....  | 54161           | 156.4  | 161.2    | 161.8                  | -                      | -   | 198.3   | 207.2    | 207.1                  | -                      | -   |
| Administrative management consulting services <sup>3</sup> .....   | 541611          | 168.8  | 175.2    | 175.7                  | -                      | -   | 213.6   | 225.0    | 225.0                  | -                      | -   |
| Marketing consulting services <sup>3</sup> .....   | 541613          | 189.2  | 194.7    | 194.8                  | -                      | -   | 278.5   | 290.6    | 287.8                  | -                      | -   |
| Process and logistics consulting services <sup>3</sup> .....   | 541614          | 139.2  | 142.8    | 144.0                  | -                      | -   | 159.2   | 161.4    | 160.6                  | -                      | -   |
| Scientific research and development services <sup>3</sup> .....  | 5417            | 106.1  | 109.1    | 110.2                  | -                      | -   | 133.0   | 139.1    | 141.2                  | -                      | -   |
| Research and development in the physical, engineering, and life sciences <sup>3</sup> .....  | 54171           | 108.3  | 110.9    | 112.2                  | -                      | -   | 136.1   | 141.6    | 143.9                  | -                      | -   |
| Research and development in nanotechnology <sup>3</sup> ..   | 541713          | 103.5  | 116.3    | 119.9                  | -                      | -   | 125.1   | 138.1    | 144.3                  | -                      | -   |
| Research and development in biotechnology, except nanobiotechnology <sup>3</sup> .....   | 541714          | 130.6  | 138.9    | 140.7                  | -                      | -   | 164.0   | 179.7    | 182.3                  | -                      | -   |
| Research and development in the physical, engineering, and life sciences, except nanotechnology and biotechnology <sup>3</sup> ..... | 541715          | 101.2  | 101.4    | 102.5                  | -                      | -   | 127.1   | 128.9    | 131.0                  | -                      | -   |
| Social science and humanities research <sup>3</sup> .....  | 54172           | 87.3   | 91.4     | 90.6                   | -                      | -   | 102.4   | 110.5    | 110.7                  | -                      | -   |
| Advertising and related services <sup>3</sup> .....  | 5418            | 109.6  | 111.0    | 111.7                  | -                      | -   | 148.3   | 154.5    | 156.7                  | -                      | -   |
| Advertising agencies <sup>3</sup> .....  | 54181           | 110.7  | 109.3    | 109.6                  | -                      | -   | 146.3   | 147.6    | 148.4                  | -                      | -   |
| Public relations agencies <sup>3</sup> .....   | 54182           | 114.3  | 121.8    | 124.9                  | -                      | -   | 145.1   | 161.0    | 164.8                  | -                      | -   |
| Direct mail advertising <sup>3</sup> .....   | 54186           | 68.0   | 67.0     | 66.7                   | -                      | -   | 95.2  | 91.9     | 92.9                   | -                      | -   |
| Advertising material distribution and other advertising services <sup>3</sup> .....  | 54187,9         | 132.8  | 146.2    | 146.5                  | -                      | -   | 166.6   | 191.7    | 193.9                  | -                      | -   |
| Other professional and technical services <sup>3</sup> .....   | 5419            | 133.8  | 138.9    | 140.1                  | -                      | -   | 177.4   | 188.7    | 190.8                  | -                      | -   |
| Marketing research and public opinion polling <sup>3</sup> .....   | 54191           | 97.1   | 94.3     | 94.5                   | -                      | -   | 171.6   | 165.4    | 167.3                  | -                      | -   |
| Photographic services <sup>3</sup> .....   | 54192           | 62.6   | 53.6     | 53.5                   | -                      | -   | 70.9  | 64.1     | 64.8                   | -                      | -   |

See footnotes at end of table.

**ESTABLISHMENT DATA**

**Table B-4a. Indexes of aggregate weekly hours and payrolls for all employees on private nonfarm payrolls by industry sector, seasonally adjusted — Continued**

[2007=100]

| Industry  | 2017 NAICS code | Index of aggregate weekly hours <sup>1</sup> |          |                        |                        |   | Index of aggregate weekly payrolls <sup>2</sup> |          |                        |                        |   |
|---|-----------------|--|----------|------------------------|------------------------|---|---|----------|------------------------|------------------------|---|
|   |                 | July 2017                                    | May 2018 | June 2018 <sup>P</sup> | July 2018 <sup>P</sup> | Percent change from: June 2018 - July 2018 <sup>P</sup> | July 2017                                       | May 2018 | June 2018 <sup>P</sup> | July 2018 <sup>P</sup> | Percent change from: June 2018 - July 2018 <sup>P</sup> |
| Veterinary services <sup>3</sup> .....  | 54194           | 133.2  | 138.6    | 139.7                  | -                      | -   | 157.8   | 166.0    | 167.1                  | -                      | -   |
| Miscellaneous professional and technical services <sup>3</sup> .....                | 54193,9         | 223.8  | 247.2    | 250.0                  | -                      | -   | 263.0   | 301.3    | 304.3                  | -                      | -   |
| Management of companies and enterprises <sup>3</sup> .....                          | 55              | 129.5  | 129.7    | 130.8                  | -                      | -   | 182.3   | 188.2    | 189.3                  | -                      | -   |
| Offices of bank holding companies and of other holding companies <sup>3</sup> ..... | 551111,2        | 90.5   | 93.1     | 94.4                   | -                      | -   | 118.4   | 123.7    | 124.9                  | -                      | -   |
| Managing offices <sup>3</sup> .....   | 551114          | 131.4  | 131.5    | 132.9                  | -                      | -   | 186.6   | 192.8    | 194.0                  | -                      | -   |
| Administrative and waste services <sup>3</sup> .....                                | 56              | 110.0  | 112.9    | 113.0                  | -                      | -   | 132.0   | 138.8    | 139.3                  | -                      | -   |
| Administrative and support services <sup>3</sup> .....                              | 561             | 109.7  | 112.2    | 112.6                  | -                      | -   | 131.3   | 137.4    | 138.2                  | -                      | -   |
| Office administrative services <sup>3</sup> .....                                   | 5611            | 131.5  | 135.2    | 136.0                  | -                      | -   | 164.2   | 171.1    | 174.3                  | -                      | -   |
| Facilities support services <sup>3</sup> .....                                      | 5612            | 114.3  | 117.4    | 116.9                  | -                      | -   | 126.6   | 129.9    | 129.5                  | -                      | -   |
| Employment services <sup>3</sup> .....  | 5613            | 101.7  | 104.3    | 104.4                  | -                      | -   | 119.9   | 124.2    | 124.4                  | -                      | -   |
| Employment placement agencies and executive search services <sup>3</sup> .....      | 56131           | 99.9   | 106.0    | 106.2                  | -                      | -   | 119.2   | 117.4    | 118.3                  | -                      | -   |
| Temporary help services <sup>3</sup> .....  | 56132           | 114.6  | 116.9    | 117.3                  | -                      | -   | 136.4   | 142.1    | 142.6                  | -                      | -   |
| Professional employer organizations <sup>3</sup> .....                              | 56133           | 52.6   | 55.0     | 55.4                   | -                      | -   | 67.0  | 70.9     | 70.3                   | -                      | -   |
| Business support services <sup>3</sup> .....  | 5614            | 115.5  | 116.3    | 116.3                  | -                      | -   | 131.6   | 138.5    | 139.0                  | -                      | -   |
| Document preparation services <sup>3</sup> .....                                    | 56141           | 76.1   | 72.4     | 72.9                   | -                      | -   | 57.9  | 60.9     | 60.6                   | -                      | -   |
| Telephone call centers <sup>3</sup> .....   | 56142           | 151.2  | 152.5    | 152.8                  | -                      | -   | 193.5   | 202.9    | 203.7                  | -                      | -   |
| Business service centers <sup>3</sup> .....   | 56143           | 87.7   | 87.3     | 88.5                   | -                      | -   | 110.8   | 107.1    | 108.9                  | -                      | -   |
| Collection agencies <sup>3</sup> .....  | 56144           | 85.3   | 85.1     | 84.0                   | -                      | -   | 93.7  | 95.0     | 94.5                   | -                      | -   |
| Travel arrangement and reservation services <sup>3</sup> .....                      | 5615            | 93.6   | 91.3     | 93.2                   | -                      | -   | 129.8   | 128.3    | 130.2                  | -                      | -   |
| Travel agencies <sup>3</sup> .....  | 56151           | 84.7   | 81.7     | 83.4                   | -                      | -   | 102.4   | 104.8    | 106.4                  | -                      | -   |
| Investigation and security services <sup>3</sup> .....                              | 5616            | 122.4  | 124.9    | 124.3                  | -                      | -   | 149.0   | 159.5    | 159.2                  | -                      | -   |
| Security and armored car services <sup>3</sup> .....                                | 56161           | 120.6  | 122.4    | 121.5                  | -                      | -   | 147.3   | 158.8    | 158.3                  | -                      | -   |
| Security systems services <sup>3</sup> .....  | 56162           | 132.5  | 140.7    | 140.1                  | -                      | -   | 154.2   | 163.2    | 162.6                  | -                      | -   |
| Services to buildings and dwellings <sup>3</sup> .....                              | 5617            | 114.8  | 117.8    | 117.7                  | -                      | -   | 140.7   | 149.1    | 149.4                  | -                      | -   |
| Exterminating and pest control services <sup>3</sup> .....                          | 56171           | 126.8  | 130.1    | 131.3                  | -                      | -   | 145.8   | 152.0    | 151.2                  | -                      | -   |
| Janitorial services <sup>3</sup> .....  | 56172           | 113.2  | 117.4    | 117.7                  | -                      | -   | 135.1   | 143.1    | 143.8                  | -                      | -   |
| Landscaping services <sup>3</sup> .....   | 56173           | 115.7  | 117.7    | 117.7                  | -                      | -   | 148.8   | 158.0    | 159.0                  | -                      | -   |
| Carpet and upholstery cleaning services <sup>3</sup> .....                          | 56174           | 89.3   | 91.8     | 90.8                   | -                      | -   | 92.5  | 98.1     | 97.4                   | -                      | -   |
| Other services to buildings and dwellings <sup>3</sup> .....                        | 56179           | 115.0  | 122.5    | 124.1                  | -                      | -   | 134.4   | 146.4    | 146.8                  | -                      | -   |
| Other support services <sup>3</sup> .....   | 5619            | 100.4  | 107.5    | 107.5                  | -                      | -   | 106.4   | 116.9    | 116.1                  | -                      | -   |
| Packaging and labeling services <sup>3</sup> .....                                  | 56191           | 94.5   | 97.7     | 97.4                   | -                      | -   | 96.2  | 98.0     | 97.7                   | -                      | -   |
| Convention and trade show organizers <sup>3</sup> .....                             | 56192           | 105.6  | 116.3    | 112.0                  | -                      | -   | 118.4   | 130.3    | 124.7                  | -                      | -   |
| All other support services <sup>3</sup> .....                                       | 56199           | 101.7  | 108.9    | 110.2                  | -                      | -   | 104.8   | 117.8    | 118.2                  | -                      | -   |
| Waste management and remediation services <sup>3</sup> .....                        | 562             | 118.8  | 124.3    | 123.9                  | -                      | -   | 145.2   | 156.3    | 158.2                  | -                      | -   |
| Waste collection <sup>3</sup> .....   | 5621            | 130.9  | 138.1    | 137.1                  | -                      | -   | 146.0   | 159.3    | 159.9                  | -                      | -   |
| Waste treatment and disposal <sup>3</sup> .....                                     | 5622            | 99.7   | 102.4    | 102.5                  | -                      | -   | 138.4   | 140.7    | 142.4                  | -                      | -   |
| Remediation and other waste services <sup>3</sup> .....                             | 5629            | 122.6  | 128.8    | 127.3                  | -                      | -   | 150.8   | 168.1    | 169.0                  | -                      | -   |
| Education and health services.....  |                 | 124.8  | 126.6    | 127.4                  | 127.1                  | -0.2  | 158.4   | 163.9    | 165.3                  | 165.4                  | 0.1   |
| Health care and social assistance <sup>3</sup> .....                                | 62              | 125.1  | 127.0    | 127.3                  | -                      | -   | 158.3   | 164.5    | 165.1                  | -                      | -   |
| Health care <sup>5, 3</sup> .....   | 621,2,3         | 123.0  | 125.7    | 125.9                  | -                      | -   | 157.8   | 165.0    | 165.6                  | -                      | -   |
| Ambulatory health care services <sup>3</sup> .....                                  | 621             | 135.5  | 139.0    | 139.3                  | -                      | -   | 171.2   | 179.4    | 180.1                  | -                      | -   |
| Offices of physicians <sup>3</sup> .....  | 6211            | 124.8  | 127.0    | 127.5                  | -                      | -   | 172.5   | 179.6    | 180.0                  | -                      | -   |
| Offices of physicians, except mental health <sup>3</sup> ....                       | 621111          | 124.7  | 126.7    | 126.9                  | -                      | -   | 172.2   | 179.3    | 179.2                  | -                      | -   |
| Offices of mental health physicians <sup>3</sup> .....                              | 621112          | 116.2  | 124.7    | 124.9                  | -                      | -   | 163.4   | 171.7    | 175.7                  | -                      | -   |
| Offices of dentists <sup>3</sup> .....  | 6212            | 118.9  | 121.1    | 119.5                  | -                      | -   | 138.0   | 142.0    | 141.1                  | -                      | -   |
| Offices of other health practitioners <sup>3</sup> .....                            | 6213            | 146.6  | 152.9    | 152.1                  | -                      | -   | 172.1   | 183.1    | 183.1                  | -                      | -   |
| Offices of chiropractors <sup>3</sup> .....   | 62131           | 118.1  | 121.5    | 123.1                  | -                      | -   | 132.4   | 134.7    | 140.7                  | -                      | -   |
| Offices of optometrists <sup>3</sup> .....  | 62132           | 129.7  | 135.3    | 133.9                  | -                      | -   | 149.4   | 153.9    | 154.2                  | -                      | -   |
| Offices of mental health practitioners <sup>3</sup> .....                           | 62133           | 152.9  | 160.3    | 161.9                  | -                      | -   | 152.8   | 164.0    | 166.2                  | -                      | -   |
| Offices of specialty therapists <sup>3</sup> .....                                  | 62134           | 157.8  | 163.0    | 160.6                  | -                      | -   | 187.2   | 199.5    | 197.1                  | -                      | -   |
| Offices of all other health practitioners <sup>3</sup> .....                        | 62139           | 164.5  | 179.0    | 181.3                  | -                      | -   | 206.6   | 231.3    | 235.1                  | -                      | -   |

See footnotes at end of table.

**ESTABLISHMENT DATA**

**Table B-4a. Indexes of aggregate weekly hours and payrolls for all employees on private nonfarm payrolls by industry sector, seasonally adjusted — Continued**

[2007=100]

| Industry  | 2017 NAICS code | Index of aggregate weekly hours <sup>1</sup> |          |                        |                        |   | Index of aggregate weekly payrolls <sup>2</sup> |          |                        |                        |   |
|---|-----------------|--|----------|------------------------|------------------------|---|---|----------|------------------------|------------------------|---|
|   |                 | July 2017                                    | May 2018 | June 2018 <sup>P</sup> | July 2018 <sup>P</sup> | Percent change from: June 2018 - July 2018 <sup>P</sup> | July 2017                                       | May 2018 | June 2018 <sup>P</sup> | July 2018 <sup>P</sup> | Percent change from: June 2018 - July 2018 <sup>P</sup> |
| Outpatient care centers <sup>3</sup> .....  | 6214            | 156.6  | 162.8    | 163.5                  | -                      | -   | 199.8   | 217.0    | 219.3                  | -                      | -   |
| Outpatient mental health centers <sup>3</sup> .....                                     | 62142           | 141.4  | 147.0    | 148.4                  | -                      | -   | 164.5   | 178.2    | 179.4                  | -                      | -   |
| Outpatient care centers, except mental health <sup>3</sup> .....                        | 62141,9         | 163.8  | 169.3    | 170.0                  | -                      | -   | 212.2   | 229.5    | 232.6                  | -                      | -   |
| Freestanding emergency medical centers <sup>3</sup> ...                                 | 621493          | 170.1  | 183.4    | 180.8                  | -                      | -   | 171.9   | 187.2    | 186.9                  | -                      | -   |
| Miscellaneous outpatient care centers <sup>3</sup> .....                                | 621410,98       | 165.1  | 172.7    | 174.4                  | -                      | -   | 234.0   | 256.0    | 258.7                  | -                      | -   |
| Medical and diagnostic laboratories <sup>3</sup> .....                                  | 6215            | 134.6  | 141.8    | 142.5                  | -                      | -   | 158.9   | 173.4    | 174.6                  | -                      | -   |
| Medical laboratories <sup>3</sup> .....   | 621511          | 144.2  | 152.7    | 154.6                  | -                      | -   | 185.7   | 205.3    | 207.2                  | -                      | -   |
| Diagnostic imaging centers <sup>3</sup> .....   | 621512          | 113.8  | 116.1    | 116.6                  | -                      | -   | 113.2   | 116.6    | 118.2                  | -                      | -   |
| Home health care services <sup>3</sup> .....  | 6216            | 157.8  | 163.4    | 163.6                  | -                      | -   | 186.2   | 192.4    | 192.3                  | -                      | -   |
| Other ambulatory health care services <sup>3</sup> .....                                | 6219            | 135.4  | 135.7    | 136.9                  | -                      | -   | 182.5   | 190.3    | 192.4                  | -                      | -   |
| Ambulance services <sup>3</sup> .....   | 62191           | 136.4  | 135.1    | 134.4                  | -                      | -   | 157.2   | 165.8    | 165.3                  | -                      | -   |
| All other ambulatory health care services <sup>3</sup> .....                            | 62199           | 133.1  | 136.4    | 139.4                  | -                      | -   | 213.2   | 220.0    | 224.1                  | -                      | -   |
| Hospitals <sup>3</sup> .....  | 622             | 115.1  | 117.5    | 117.7                  | -                      | -   | 150.7   | 157.0    | 157.9                  | -                      | -   |
| General medical and surgical hospitals <sup>3</sup> .....                               | 6221            | 113.2  | 115.4    | 115.6                  | -                      | -   | 148.4   | 154.4    | 155.2                  | -                      | -   |
| Psychiatric and substance abuse hospitals <sup>3</sup> .....                            | 6222            | 138.2  | 140.1    | 140.8                  | -                      | -   | 175.3   | 181.1    | 181.5                  | -                      | -   |
| Other hospitals <sup>3</sup> .....  | 6223            | 147.4  | 154.2    | 156.7                  | -                      | -   | 196.9   | 211.7    | 214.6                  | -                      | -   |
| Nursing and residential care facilities <sup>3</sup> .....                              | 623             | 113.8  | 114.9    | 114.9                  | -                      | -   | 136.8   | 141.9    | 142.0                  | -                      | -   |
| Nursing care facilities <sup>3</sup> .....  | 6231            | 100.1  | 100.4    | 100.5                  | -                      | -   | 122.2   | 124.8    | 124.9                  | -                      | -   |
| Residential mental health facilities <sup>3</sup> .....                                 | 6232            | 122.9  | 123.4    | 123.3                  | -                      | -   | 144.9   | 152.1    | 153.1                  | -                      | -   |
| Residential intellectual and developmental disability facilities <sup>3</sup> .....     | 62321           | 116.8  | 116.7    | 116.1                  | -                      | -   | 137.6   | 142.8    | 143.3                  | -                      | -   |
| Residential mental health and substance abuse facilities <sup>3</sup> .....             | 62322           | 134.8  | 137.0    | 138.2                  | -                      | -   | 156.6   | 167.1    | 169.4                  | -                      | -   |
| Community care facilities for the elderly <sup>3</sup> .....                            | 6233            | 144.6  | 148.0    | 148.6                  | -                      | -   | 175.5   | 184.9    | 185.5                  | -                      | -   |
| Continuing care retirement communities <sup>3</sup> .....                               | 623311          | 150.5  | 153.6    | 153.7                  | -                      | -   | 180.7   | 190.3    | 190.1                  | -                      | -   |
| Assisted living facilities for the elderly <sup>3</sup> .....                           | 623312          | 138.4  | 141.8    | 143.0                  | -                      | -   | 169.4   | 178.0    | 179.3                  | -                      | -   |
| Other residential care facilities <sup>3</sup> .....                                    | 6239            | 100.6  | 102.6    | 100.9                  | -                      | -   | 120.5   | 128.7    | 127.1                  | -                      | -   |
| Social assistance <sup>3</sup> .....  | 624             | 134.7  | 135.7    | 136.1                  | -                      | -   | 158.0   | 163.0    | 164.2                  | -                      | -   |
| Individual and family services <sup>3</sup> .....                                       | 6241            | 159.2  | 161.6    | 161.6                  | -                      | -   | 181.2   | 188.4    | 189.2                  | -                      | -   |
| Child and youth services <sup>3</sup> .....   | 62411           | 119.7  | 121.7    | 119.6                  | -                      | -   | 145.7   | 152.9    | 151.3                  | -                      | -   |
| Services for the elderly and persons with disabilities <sup>3</sup> .....               | 62412           | 180.7  | 183.9    | 184.3                  | -                      | -   | 209.6   | 218.1    | 219.3                  | -                      | -   |
| Other individual and family services <sup>3</sup> .....                                 | 62419           | 124.8  | 126.1    | 126.1                  | -                      | -   | 147.3   | 152.1    | 153.8                  | -                      | -   |
| Emergency and other relief services <sup>3</sup> .....                                  | 6242            | 130.7  | 134.1    | 133.8                  | -                      | -   | 157.9   | 162.1    | 162.4                  | -                      | -   |
| Community food services <sup>3</sup> .....  | 62421           | 134.3  | 140.8    | 137.6                  | -                      | -   | 204.5   | 222.0    | 218.3                  | -                      | -   |
| Community housing, emergency, and relief services <sup>3</sup> .....                    | 62422,3         | 129.8  | 132.4    | 133.1                  | -                      | -   | 148.9   | 150.4    | 151.8                  | -                      | -   |
| Vocational rehabilitation services <sup>3</sup> .....                                   | 6243            | 90.6   | 91.5     | 91.0                   | -                      | -   | 108.6   | 110.6    | 109.9                  | -                      | -   |
| Child day care services <sup>3</sup> .....  | 6244            | 114.1  | 112.1    | 113.6                  | -                      | -   | 137.2   | 137.8    | 140.2                  | -                      | -   |
| Leisure and hospitality.....  |                 | 120.0  | 121.4    | 122.1                  | 121.9                  | -0.2  | 150.0   | 155.4    | 156.9                  | 157.3                  | 0.3   |
| Arts, entertainment, and recreation <sup>3</sup> .....                                  | 71              | 113.2  | 113.6    | 114.3                  | -                      | -   | 140.6   | 143.0    | 144.1                  | -                      | -   |
| Performing arts and spectator sports <sup>3</sup> .....                                 | 711             | 118.2  | 116.1    | 117.4                  | -                      | -   | 149.9   | 148.0    | 150.9                  | -                      | -   |
| Performing arts companies <sup>3</sup> .....  | 7111            | 103.5  | 110.8    | 110.6                  | -                      | -   | 129.1   | 141.5    | 144.5                  | -                      | -   |
| Spectator sports <sup>3</sup> .....   | 7112            | 113.2  | 114.6    | 114.5                  | -                      | -   | 145.7   | 144.1    | 144.1                  | -                      | -   |
| Arts and sports promoters and agents and managers for public figures <sup>3</sup> ..... | 7113,4          | 147.6  | 134.5    | 135.9                  | -                      | -   | 177.4   | 166.4    | 166.2                  | -                      | -   |
| Independent artists, writers, and performers <sup>3</sup> .....                         | 7115            | 109.3  | 99.5     | 107.1                  | -                      | -   | 149.6   | 144.7    | 158.3                  | -                      | -   |
| Museums, historical sites, and similar institutions <sup>3</sup> .....                  | 712             | 130.7  | 133.0    | 134.6                  | -                      | -   | 156.7   | 160.3    | 162.4                  | -                      | -   |
| Museums <sup>3</sup> .....  | 71211           | 132.2  | 129.8    | 130.9                  | -                      | -   | 156.4   | 156.1    | 156.5                  | -                      | -   |
| Historical sites and other similar institutions <sup>3</sup> .....                      | 71212,3,9       | 129.2  | 137.1    | 139.1                  | -                      | -   | 158.4   | 167.7    | 172.0                  | -                      | -   |
| Amusements, gambling, and recreation <sup>3</sup> .....                                 | 713             | 109.9  | 111.4    | 110.8                  | -                      | -   | 133.7   | 137.8    | 137.0                  | -                      | -   |
| Amusement parks and arcades <sup>3</sup> .....  | 7131            | 111.1  | 115.5    | 111.8                  | -                      | -   | 141.4   | 159.2    | 151.9                  | -                      | -   |
| Gambling industries <sup>3</sup> .....  | 7132            | 89.2   | 87.4     | 87.0                   | -                      | -   | 123.9   | 125.5    | 124.7                  | -                      | -   |
| Casinos, except casino hotels <sup>3</sup> .....  | 71321           | 81.2   | 79.4     | 79.1                   | -                      | -   | 109.3   | 110.1    | 109.9                  | -                      | -   |

See footnotes at end of table.

**ESTABLISHMENT DATA**

**Table B-4a. Indexes of aggregate weekly hours and payrolls for all employees on private nonfarm payrolls by industry sector, seasonally adjusted — Continued**

[2007=100]

| Industry   | 2017 NAICS code | Index of aggregate weekly hours <sup>1</sup> |          |                        |                        |   | Index of aggregate weekly payrolls <sup>2</sup> |          |                        |                        |   |
|--|-----------------|--|----------|------------------------|------------------------|---|---|----------|------------------------|------------------------|---|
|  |                 | July 2017                                    | May 2018 | June 2018 <sup>P</sup> | July 2018 <sup>P</sup> | Percent change from: June 2018 - July 2018 <sup>P</sup> | July 2017                                       | May 2018 | June 2018 <sup>P</sup> | July 2018 <sup>P</sup> | Percent change from: June 2018 - July 2018 <sup>P</sup> |
| Other gambling industries <sup>3</sup> .....                                       | 71329           | 111.0  | 109.9    | 108.0                  | -                      | -   | 159.8   | 164.0    | 160.3                  | -                      | -   |
| Other amusement and recreation industries <sup>3</sup> .....                       | 7139            | 113.5  | 114.5    | 115.4                  | -                      | -   | 134.7   | 136.9    | 138.1                  | -                      | -   |
| Golf courses and country clubs <sup>3</sup> .....                                  | 71391           | 106.2  | 103.2    | 103.9                  | -                      | -   | 131.5   | 130.7    | 131.2                  | -                      | -   |
| Skiing facilities <sup>3</sup> .....   | 71392           | 122.7  | 124.7    | 128.5                  | -                      | -   | 176.8   | 193.9    | 199.4                  | -                      | -   |
| Marinas <sup>3</sup> .....   | 71393           | 124.5  | 126.9    | 130.2                  | -                      | -   | 155.7   | 165.0    | 165.9                  | -                      | -   |
| Fitness and recreational sports centers <sup>3</sup> .....                         | 71394           | 116.7  | 123.4    | 123.9                  | -                      | -   | 129.7   | 134.5    | 135.7                  | -                      | -   |
| Bowling centers <sup>3</sup> .....   | 71395           | 83.7   | 88.3     | 85.0                   | -                      | -   | 103.7   | 110.5    | 107.1                  | -                      | -   |
| All other amusement and recreation industries <sup>3</sup> ...                     | 71399           | 138.4  | 130.3    | 136.3                  | -                      | -   | 166.6   | 159.4    | 166.5                  | -                      | -   |
| Accommodation and food services <sup>3</sup> .....                                 | 72              | 120.6  | 122.6    | 123.3                  | -                      | -   | 151.6   | 158.6    | 160.1                  | -                      | -   |
| Accommodation <sup>3</sup> .....   | 721             | 103.3  | 104.3    | 105.0                  | -                      | -   | 118.6   | 121.4    | 122.6                  | -                      | -   |
| Traveler accommodation <sup>3</sup> .....  | 7211            | 102.6  | 103.6    | 103.7                  | -                      | -   | 117.9   | 120.0    | 120.6                  | -                      | -   |
| Hotels and motels, except casino hotels <sup>3</sup> .....                         | 72111           | 104.7  | 104.8    | 105.1                  | -                      | -   | 118.4   | 120.1    | 120.9                  | -                      | -   |
| RV parks and recreational camps <sup>3</sup> .....                                 | 7212            | 119.4  | 129.2    | 135.3                  | -                      | -   | 142.1   | 178.6    | 185.1                  | -                      | -   |
| Food services and drinking places <sup>3</sup> .....                               | 722             | 125.3  | 127.4    | 128.2                  | -                      | -   | 163.6   | 171.8    | 173.4                  | -                      | -   |
| Special food services <sup>3</sup> .....   | 7223            | 142.0  | 151.2    | 151.0                  | -                      | -   | 179.8   | 188.1    | 190.8                  | -                      | -   |
| Food service contractors <sup>3</sup> .....  | 72231           | 151.4  | 158.9    | 160.5                  | -                      | -   | 195.2   | 198.4    | 205.3                  | -                      | -   |
| Caterers and mobile food services <sup>3</sup> .....                               | 72232,3         | 118.8  | 127.6    | 125.9                  | -                      | -   | 145.3   | 159.8    | 156.3                  | -                      | -   |
| Drinking places, alcoholic beverages <sup>3</sup> .....                            | 7224            | 115.5  | 119.2    | 119.3                  | -                      | -   | 165.0   | 174.3    | 174.6                  | -                      | -   |
| Restaurants and other eating places <sup>3</sup> .....                             | 7225            | 124.6  | 126.7    | 126.9                  | -                      | -   | 162.3   | 170.9    | 171.8                  | -                      | -   |
| Full-service restaurants <sup>3</sup> .....  | 722511          | 121.7  | 123.1    | 124.1                  | -                      | -   | 161.9   | 169.5    | 171.5                  | -                      | -   |
| Limited-service restaurants <sup>3</sup> .....                                     | 722513          | 128.8  | 130.9    | 131.6                  | -                      | -   | 164.4   | 173.6    | 175.0                  | -                      | -   |
| Cafeterias, grill buffets, and buffets <sup>3</sup> .....                          | 722514          | 86.5   | 84.2     | 85.5                   | -                      | -   | 102.0   | 101.3    | 102.7                  | -                      | -   |
| Snack and nonalcoholic beverage bars <sup>3</sup> .....                            | 722515          | 133.2  | 135.5    | 135.5                  | -                      | -   | 168.0   | 176.8    | 177.9                  | -                      | -   |
| Other services.....  | 81              | 105.7  | 107.1    | 107.4                  | 107.3                  | -0.1  | 138.2   | 143.0    | 143.4                  | 143.5                  | 0.1   |
| Repair and maintenance <sup>3</sup> .....  | 811             | 107.2  | 107.6    | 107.9                  | -                      | -   | 135.6   | 142.6    | 142.8                  | -                      | -   |
| Automotive repair and maintenance <sup>3</sup> .....                               | 8111            | 107.6  | 106.5    | 106.9                  | -                      | -   | 134.8   | 138.3    | 138.8                  | -                      | -   |
| Automotive mechanical and electrical repair <sup>3</sup> .....                     | 81111           | 101.5  | 101.3    | 101.7                  | -                      | -   | 131.5   | 132.0    | 134.0                  | -                      | -   |
| General automotive repair <sup>3</sup> .....                                       | 811111          | 108.7  | 109.6    | 109.9                  | -                      | -   | 140.9   | 143.2    | 145.1                  | -                      | -   |
| Other automotive mechanical and elec. repair <sup>3</sup> ...                      | 811118          | 77.2   | 73.1     | 74.4                   | -                      | -   | 94.5  | 88.9     | 89.2                   | -                      | -   |
| Automotive body, interior, and glass repair <sup>3</sup> .....                     | 81112           | 109.1  | 106.5    | 105.2                  | -                      | -   | 132.3   | 136.7    | 134.8                  | -                      | -   |
| Other automotive repair and maintenance <sup>3</sup> .....                         | 81119           | 118.1  | 119.0    | 121.1                  | -                      | -   | 154.1   | 164.0    | 166.5                  | -                      | -   |
| Car washes <sup>3</sup> .....  | 811192          | 127.0  | 132.9    | 134.6                  | -                      | -   | 165.7   | 184.2    | 186.2                  | -                      | -   |
| Auto oil change shops and all other auto repair and maintenance <sup>3</sup> ..... | 811191,8        | 106.4  | 98.5     | 102.8                  | -                      | -   | 140.7   | 138.7    | 144.0                  | -                      | -   |
| Electronic equipment repair and maintenance <sup>3</sup> .....                     | 8112            | 99.3   | 98.3     | 100.1                  | -                      | -   | 132.5   | 144.1    | 148.5                  | -                      | -   |
| Computer and office machine repair <sup>3</sup> .....                              | 811212          | 94.5   | 96.3     | 101.0                  | -                      | -   | 127.6   | 129.3    | 130.0                  | -                      | -   |
| Miscellaneous electronic equipment repair and maintenance <sup>3</sup> .....       | 811211,3,9      | 103.6  | 99.6     | 99.1                   | -                      | -   | 136.8   | 152.8    | 158.5                  | -                      | -   |
| Commercial machinery repair and maintenance <sup>3</sup> .....                     | 8113            | 111.7  | 116.4    | 115.6                  | -                      | -   | 141.0   | 153.8    | 152.8                  | -                      | -   |
| Household goods repair and maintenance <sup>3</sup> .....                          | 8114            | 100.9  | 105.4    | 107.5                  | -                      | -   | 126.1   | 140.6    | 141.0                  | -                      | -   |
| Personal and laundry services <sup>3</sup> .....                                   | 812             | 111.3  | 113.6    | 114.7                  | -                      | -   | 142.5   | 146.9    | 147.4                  | -                      | -   |
| Personal care services <sup>3</sup> .....  | 8121            | 119.1  | 118.5    | 120.4                  | -                      | -   | 154.7   | 153.6    | 154.2                  | -                      | -   |
| Hair, nail, and skin care services <sup>3</sup> .....                              | 81211           | 112.5  | 112.7    | 114.3                  | -                      | -   | 143.7   | 141.8    | 142.3                  | -                      | -   |
| Barber shops and beauty salons <sup>3</sup> .....                                  | 812111,2        | 98.5   | 99.6     | 101.1                  | -                      | -   | 130.9   | 130.3    | 130.5                  | -                      | -   |
| Nail salons <sup>3</sup> .....   | 812113          | 281.1  | 274.3    | 281.2                  | -                      | -   | 348.5   | 336.6    | 341.6                  | -                      | -   |
| Other personal care services <sup>3</sup> .....                                    | 81219           | 158.3  | 152.7    | 154.6                  | -                      | -   | 214.2   | 214.7    | 215.9                  | -                      | -   |
| Death care services <sup>3</sup> .....   | 8122            | 102.6  | 104.8    | 106.4                  | -                      | -   | 125.0   | 127.3    | 129.3                  | -                      | -   |
| Funeral homes and funeral services <sup>3</sup> .....                              | 81221           | 103.1  | 105.2    | 105.8                  | -                      | -   | 126.5   | 127.1    | 129.7                  | -                      | -   |
| Cemeteries and crematories <sup>3</sup> .....                                      | 81222           | 99.8   | 104.3    | 106.9                  | -                      | -   | 116.6   | 128.2    | 128.3                  | -                      | -   |
| Drycleaning and laundry services <sup>3</sup> .....                                | 8123            | 89.1   | 89.1     | 89.4                   | -                      | -   | 114.0   | 115.4    | 116.4                  | -                      | -   |
| Coin-operated laundries and drycleaners <sup>3</sup> .....                         | 81231           | 102.8  | 88.2     | 88.3                   | -                      | -   | 105.6   | 96.6     | 99.2                   | -                      | -   |
| Drycleaning and laundry services, except coin-operated <sup>3</sup> .....          | 81232           | 77.1   | 75.5     | 75.6                   | -                      | -   | 96.1  | 98.5     | 99.5                   | -                      | -   |
| Linen and uniform supply <sup>3</sup> .....  | 81233           | 99.9   | 104.3    | 104.1                  | -                      | -   | 131.0   | 133.0    | 132.8                  | -                      | -   |

See footnotes at end of table.

**ESTABLISHMENT DATA**

**Table B-4a. Indexes of aggregate weekly hours and payrolls for all employees on private nonfarm payrolls by industry sector, seasonally adjusted — Continued**

[2007=100]

| Industry  | 2017 NAICS code | Index of aggregate weekly hours <sup>1</sup> |          |                        |                        |   | Index of aggregate weekly payrolls <sup>2</sup> |          |                        |                        |   |
|---|-----------------|--|----------|------------------------|------------------------|---|---|----------|------------------------|------------------------|---|
|   |                 | July 2017                                    | May 2018 | June 2018 <sup>p</sup> | July 2018 <sup>p</sup> | Percent change from: June 2018 - July 2018 <sup>p</sup> | July 2017                                       | May 2018 | June 2018 <sup>p</sup> | July 2018 <sup>p</sup> | Percent change from: June 2018 - July 2018 <sup>p</sup> |
| Other personal services <sup>3</sup> .....  | 8129            | 132.7  | 147.3    | 148.3                  | -                      | -   | 169.6   | 195.6    | 193.8                  | -                      | -   |
| Pet care services, except veterinary <sup>3</sup> .....                               | 81291           | 255.3  | 272.0    | 271.0                  | -                      | -   | 318.9   | 362.4    | 357.9                  | -                      | -   |
| Parking lots and garages <sup>3</sup> .....   | 81293           | 118.0  | 126.3    | 127.2                  | -                      | -   | 163.8   | 171.5    | 174.6                  | -                      | -   |
| Membership associations and organizations <sup>3</sup> .....                          | 813             | 102.8  | 103.8    | 104.1                  | -                      | -   | 138.2   | 141.5    | 142.3                  | -                      | -   |
| Grantmaking and giving services <sup>3</sup> .....                                    | 8132            | 132.1  | 130.8    | 131.1                  | -                      | -   | 181.5   | 191.5    | 196.5                  | -                      | -   |
| Grantmaking foundations <sup>3</sup> .....  | 813211          | 170.7  | 166.8    | 167.1                  | -                      | -   | 248.9   | 263.9    | 271.8                  | -                      | -   |
| Voluntary health organizations <sup>3</sup> .....                                     | 813212          | 104.3  | 106.1    | 103.2                  | -                      | -   | 120.6   | 130.7    | 129.6                  | -                      | -   |
| Other grantmaking and giving services <sup>3</sup> .....                              | 813219          | 90.4   | 95.0     | 98.4                   | -                      | -   | 109.8   | 117.1    | 121.3                  | -                      | -   |
| Social advocacy organizations <sup>3</sup> .....                                      | 8133            | 122.2  | 124.9    | 125.6                  | -                      | -   | 179.5   | 195.5    | 195.7                  | -                      | -   |
| Human rights organizations <sup>3</sup> .....   | 813311          | 103.8  | 106.3    | 106.1                  | -                      | -   | 158.6   | 186.3    | 191.3                  | -                      | -   |
| Environment, conservation, and other social advocacy organizations <sup>3</sup> ..... | 813312,9        | 128.4  | 129.8    | 131.9                  | -                      | -   | 187.1   | 196.8    | 198.1                  | -                      | -   |
| Civic and social organizations <sup>3</sup> .....                                     | 8134            | 93.6   | 93.3     | 95.2                   | -                      | -   | 123.0   | 125.5    | 125.7                  | -                      | -   |
| Professional and similar organizations <sup>3</sup> .....                             | 8139            | 96.7   | 102.4    | 103.1                  | -                      | -   | 134.9   | 142.7    | 143.8                  | -                      | -   |
| Business associations <sup>3</sup> .....  | 81391           | 97.6   | 98.1     | 97.6                   | -                      | -   | 132.4   | 134.9    | 133.6                  | -                      | -   |
| Professional organizations <sup>3</sup> .....   | 81392           | 119.4  | 132.5    | 133.6                  | -                      | -   | 166.6   | 175.5    | 177.7                  | -                      | -   |
| Labor unions and similar labor organizations <sup>3</sup> .....                       | 81393           | 96.5   | 102.7    | 102.0                  | -                      | -   | 127.4   | 137.5    | 137.4                  | -                      | -   |
| Miscellaneous professional and similar organizations <sup>3</sup> .....               | 81394,9         | 85.9   | 92.4     | 94.2                   | -                      | -   | 119.5   | 133.1    | 136.3                  | -                      | -   |

<sup>1</sup> The indexes of aggregate weekly hours are calculated by dividing the current month's estimates of aggregate hours by the corresponding 2007 annual average aggregate hours. Aggregate hours estimates are the product of estimates of average weekly hours and employment.

<sup>2</sup> The indexes of aggregate weekly payrolls are calculated by dividing the current month's estimates of aggregate weekly payrolls by the corresponding 2007 annual average aggregate weekly payrolls. Aggregate payrolls estimates are the product of estimates of average hourly earnings, average weekly hours, and employment.

<sup>3</sup> Seasonally Adjusted Independently. See [https://www.bls.gov/web/empsit/cestn.htm#SA\\_ind](https://www.bls.gov/web/empsit/cestn.htm#SA_ind) for details.

<sup>4</sup> Includes motor vehicles, motor vehicle bodies and trailers, and motor vehicle parts.

<sup>5</sup> Includes ambulatory health care services, hospitals, and nursing and residential care facilities.

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