TABLE R8. Incidence rates ${ }^{1}$ for nonfatal occupational injuries and illnesses involving days away from work ${ }^{2}$ per 10,000 full-time workers by industry and selected events or exposures leading to injury or iilness, private industry, $2012^{3}$

| Industry ${ }^{4}$ | NAICS code5 | Total cases | Event or exposure leading to injury or illness ${ }^{6}$ |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  | Contact with objects |  |  |  | Falls, slips, trips |  |  |  |
|  |  |  | Total | Struck by object | Struck against object | Caught in or compressed or crushed | Total | Fall to lower level | Fall on same level | Slips or trips without fall |
| Private industry [ 918,720 cases] ${ }^{8}$..................... |  | 101.9 | 25.6 | 14.5 | 6.0 | 3.9 | 24.8 | 5.2 | 14.8 | 4.1 |
| Goods producing ${ }^{8}$............................................ |  | 120.4 | 43.1 | 22.4 | 8.7 | 9.2 | 25.2 | 8.6 | 11.6 | 4.3 |
| Natural resources and mining ${ }^{8,9}$........................... |  | 143.5 | 48.3 | 25.3 | 9.3 | 11.7 | 34.1 | 9.7 | 17.5 | 6.1 |
| Agriculture, forestry, fishing and hunting ${ }^{8}$................ | 11 | 195.9 | 61.9 | 32.0 | 12.7 | 14.0 | 51.0 | 14.7 | 26.2 | 9.0 |
| Crop production8,10 | 111 | 170.4 | 57.3 | 34.6 | 10.0 | 8.4 | 47.6 | 15.8 | 20.3 | 10.6 |
| Vegetable and melon farming ${ }^{8}$ | 1112 | 188.1 | 68.9 | 38.6 | 8.0 | 17.6 | 27.3 | 5.6 | 14.3 | 6.3 |
| Fruit and tree nut farming ${ }^{8}$ | 1113 | 203.5 | 55.8 | 30.6 | 14.9 | 3.6 | 79.1 | 34.5 | 20.7 | 22.4 |
| Greenhouse, nursery, and floriculture production ${ }^{8}$ | 1114 | 132.3 | 38.3 | 21.8 | 7.4 | 8.1 | 34.7 | 6.3 | 23.9 | 4.0 |
| Other crop farming8,10 ................................................ | 1119 | 159.7 | 78.3 | 52.9 | 9.3 | 10.5 | 34.8 | 5.6 | 26.8 | - |
| Animal production8,10 | 112 | 243.6 | 70.1 | 29.7 | 15.0 | 20.8 | 48.1 | 9.2 | 30.3 | 6.3 |
| Cattle ranching and farming ${ }^{8}$ | 1121 | 242.5 | 69.9 | 28.6 | 12.2 | 22.8 | 43.8 | 8.5 | 27.6 | 6.6 |
| Beef cattle ranching and farming, including feedlots ${ }^{8}$.. | 11211 | 243.7 | 91.7 | 53.9 | 32.6 | - | 33.2 | 14.3 | 14.9 | - |
| Dairy cattle and milk production ${ }^{8}$.............................. | 11212 | 242.2 | 62.8 | 20.4 | 5.6 | 28.5 | 47.2 | 6.7 | 31.7 | 7.5 |
| Hog and pig farming ${ }^{8}$................................................ | 1122 | 345.7 | 90.5 | 55.8 | 19.9 | 13.1 | 42.8 | 8.5 | 25.3 | 7.2 |
| Poultry and egg production ${ }^{8}$....................................... | 1123 | 182.4 | 50.8 | 21.2 | 20.0 | 7.5 | 73.1 | 12.8 | 47.3 | 7.4 |
| Other animal production ${ }^{8}$........................................... | 1129 | 217.8 | 86.5 | - | - | 63.5 | 30.2 | - | - | - |
| Forestry and logging .................................................... | 113 | 211.5 | 80.9 | 51.3 | 15.5 | 12.9 | 31.4 | 11.7 | 16.0 | - |
| Logging ............................................................... | 1133 | 233.6 | 90.9 | 58.5 | 16.2 | 14.7 | 31.2 | 13.1 | 15.2 | - |
| Support activities for agriculture and forestry ..................... | 115 | 194.8 | 56.3 | 26.7 | 10.9 | 17.5 | 62.3 | 17.9 | 34.2 | 9.4 |
| Support activities for crop production ........................... | 1151 | 182.4 | 58.5 | 26.5 | 11.5 | 19.1 | 54.2 | 18.3 | 25.2 | 9.8 |
| Support activities for crop production ........................ | 11511 | 182.4 | 58.5 | 26.5 | 11.5 | 19.1 | 54.2 | 18.3 | 25.2 | 9.8 |
| Cotton ginning .................................................. | 115111 | 273.2 | 142.8 | - | - | 136.2 | - | - | - | - |
| Soil preparation, planting, and cultivating ............... | 115112 | 44.3 | 15.3 | - | - | - | 19.2 | - | - | - |
| Crop harvesting, primarily by machine ................... | 115113 | 72.6 | 26.2 | - | - | - | - | - | - | - |
| Postharvest crop activities (except cotton ginning) .. | 115114 | 198.6 | 74.8 | 25.0 | 12.9 | 35.0 | 56.1 | 16.0 | 26.3 | 13.7 |
| Farm labor contractors and crew leaders ................ | 115115 | 180.4 | 53.5 | 32.0 | 14.0 | 6.3 | 46.0 | 24.4 | 14.0 | 5.9 |
| Farm management services ................................. | 115116 | 284.5 | - | - | - | - | 175.6 | - | 126.5 | - |
| Support activities for animal production | 1152 | 170.1 | 19.5 | 12.1 | 7.4 | - | 20.1 | - | 16.6 | - |
| Support activities for forestry ...................................... | 1153 | 540.2 | 91.3 | 65.3 | - | - | 349.1 | 48.7 | 283.4 | - |
| Mining ${ }^{9}$.................................................................. | 21 | 87.3 | 33.7 | 18.1 | 5.7 | 9.2 | 16.0 | 4.3 | 8.3 | 3.1 |
| Oil and gas extraction .................................................. | 211 | 68.1 | 19.4 | 10.5 | - | 7.4 | 18.8 | 3.8 | 8.1 | 6.9 |
| Oil and gas extraction | 2111 | 68.1 | 19.4 | 10.5 | - | 7.4 | 18.8 | 3.8 | 8.1 | 6.9 |
| Oil and gas extraction ............................................ | 21111 | 68.1 | 19.4 | 10.5 | - | 7.4 | 18.8 | 3.8 | 8.1 | 6.9 |
| Crude petroleum and natural gas extraction ........... | 211111 | 62.9 | 19.7 | 10.6 | - | 7.7 | 19.4 | 3.9 | 8.3 | 7.2 |


| Industry ${ }^{4}$ | Event or exposure leading to injury or illness ${ }^{6}$ |  |  |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Overexertion and bodily reaction |  |  | Expo- <br> sure to harmful substance or environment | Transportation incidents |  | Fires and explosions | Violence and other injuries by persons or animals |  |  |  | All other events ${ }^{7}$ |
|  | Total | In lifting | Repetitive motion |  | Total | Roadway incidents |  | Total | Intentional injury by other person | Injury by person--unintentional or intent unknown | Animal and insect related |  |
| Private industry [918,720 cases] ${ }^{8}$..................... | 37.0 | 11.8 | 2.8 | 4.4 | 4.7 | 3.2 | 0.2 | 4.1 | 1.4 | 1.4 | 1.2 | 1.1 |
| Goods producing ${ }^{8}$............................................ | 40.2 | 12.2 | 4.7 | 5.6 | 3.5 | 1.7 | . 3 | 1.4 | . 1 | . 1 | 1.2 | 1.2 |
| Natural resources and mining ${ }^{8,9}$........................... | 34.0 | 9.7 | 1.4 | 8.1 | 8.1 | 3.0 | . 3 | 9.3 | . 3 | . 4 | 8.6 | 1.5 |
| Agriculture, forestry, fishing and hunting ${ }^{8}$................ | 38.6 | 10.5 | 2.7 | 11.6 | 12.9 | 4.3 | - | 17.6 | . 5 | . 6 | 16.5 | 2.2 |
| Crop production8,10 | 41.3 | 12.1 | 3.2 | 5.7 | 10.9 | 5.0 | - | 4.6 | . 4 | - | 4.1 | 3.0 |
| Vegetable and melon farming ${ }^{8}$ | 51.8 | 19.8 | 6.0 | 14.3 | 21.4 | 13.2 | - | 4.3 | 2.1 | - | 2.2 | - |
| Fruit and tree nut farming ${ }^{8}$ | 37.5 | 7.0 | 2.4 | 4.7 | 9.6 | 3.6 | - | 10.2 | - | - | 10.0 | 6.6 |
| Greenhouse, nursery, and floriculture production ${ }^{8}$......... | 46.4 | 17.3 | 3.5 | 2.9 | 7.6 | 2.3 | - | - | - | - | - | 2.0 |
| Other crop farming 8,10 ................................................. | 35.9 | - | - | - | 5.7 | - | - | - | - | - | - | - |
| Animal production8,10 ................................................. | 44.0 | 10.6 | 3.2 | 11.8 | 9.4 | 3.2 | - | 59.1 | - | 1.4 | 56.2 | 1.0 |
| Cattle ranching and farming ${ }^{8}$..................................... | 34.5 | 7.1 | - | 10.0 | 11.0 | 3.2 | - | 72.1 | - | 2.1 | 67.6 | - |
| Beef cattle ranching and farming, including feedlots ${ }^{8}$.. | 28.9 | 5.9 | - | - | 27.0 | - | - | 56.0 | - | - | 56.0 | - |
| Dairy cattle and milk production ${ }^{8}$.............................. | 36.3 | 7.4 | - | 11.5 | 5.8 | - | - | 77.3 | - | - | 71.4 | - |
| Hog and pig farming ${ }^{8}$................................................. | 86.1 | 12.3 | 12.5 | 33.0 | - | - | - | 89.5 | - | - | 88.9 | - |
| Poultry and egg production ${ }^{8}$....................................... | 44.1 | 22.0 | - | 4.8 | 6.3 | 4.5 | - | - | - | - | - | - |
| Other animal production ${ }^{8}$........................................... | 34.9 | - | - | - | - | - | - | 41.9 | - | - | 41.9 | - |
| Forestry and logging .................................................... | 9.1 | - | - | 34.1 | 55.4 | 10.9 | - | - | - | - | - | - |
| Logging | 8.7 | - | - | 38.9 | 63.2 | 12.5 | - | _ | - | - | _ | _ |
| Support activities for agriculture and forestry ..................... | 37.7 | 10.1 | 2.3 | 15.6 | 9.9 | 2.9 | - | 10.0 | - | . 9 | 9.1 | 2.6 |
| Support activities for crop production ............................ | 37.4 | 10.6 | 2.5 | 16.6 | 8.1 | 3.3 | - | 4.7 | - | - | 4.5 | 2.8 |
| Support activities for crop production ........................ | 37.4 | 10.6 | 2.5 | 16.6 | 8.1 | 3.3 | - | 4.7 | - | - | 4.5 | 2.8 |
| Cotton ginning ................................................... | - | - | - | - | - | - | - | - | - | - | - | - |
| Soil preparation, planting, and cultivating ............... | - | - | - | - | - | - | - | - | - | - | - | - |
| Crop harvesting, primarily by machine ................... | 24.9 | - | - | - | - | - | - | - | - | - | - | - |
| Postharvest crop activities (except cotton ginning) .. | 38.7 | 10.3 | 3.8 | 12.0 | 13.1 | 2.5 | - | 2.8 | - | - | 2.2 | - |
| Farm labor contractors and crew leaders ................ | 40.0 | 9.4 | 2.6 | 23.8 | 5.9 | 3.9 | - | 6.2 | - | - | 6.2 | 5.0 |
| Farm management services ................................. | - | - | - | - | - | - | - | - | - | - | - | - |
| Support activities for animal production ........................ | 23.3 | 8.7 | - | 9.3 | 27.1 | - | - | 68.2 | - | 8.4 | 59.8 | - |
| Support activities for forestry ..................................... | 77.6 | - | - | - | - | - | - | - | - | - | - | - |
| Mining ${ }^{9}$................................................................. | 29.1 | 8.8 | - | 4.2 | 2.9 | 1.5 | . 4 | . 3 | - | - | - | . 7 |
| Oil and gas extraction .................................................. | 20.1 | 3.4 | - | 5.0 | 3.7 | 2.1 | - | - | - | - | - | - |
| Oil and gas extraction ................................................ | 20.1 | 3.4 | - | 5.0 | 3.7 | 2.1 | - | - | - | - | - | - |
| Oil and gas extraction ............................................ | 20.1 | 3.4 | - | 5.0 | 3.7 | 2.1 | - | - | - | - | - | - |
| Crude petroleum and natural gas extraction ........... | 13.7 | 3.6 | - | 5.1 | 3.8 | 2.2 | - | - | - | - | - | - |

See footnotes at end of table.

| Industry ${ }^{4}$ | NAICS code ${ }^{5}$ | Total cases | Event or exposure leading to injury or illness ${ }^{6}$ |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  | Contact with objects |  |  |  | Falls, slips, trips |  |  |  |
|  |  |  | Total | Struck by object | Struck against object | Caught in or compressed or crushed | Total | Fall to lower level | Fall on same level | Slips or trips without fall |
| Mining (except oil and gas) ${ }^{11}$ | 212 | 141.8 | 64.3 | 31.8 | 17.3 | 14.3 | 21.4 | 7.4 | 13.8 | - |
| Coal mining ${ }^{11}$.... | 2121 | 216.2 | 105.2 | 53.2 | 27.5 | 22.6 | 30.2 | 8.8 | 21.1 | - |
| Coal mining ${ }^{11}$...................................................... | 21211 | 216.2 | 105.2 | 53.2 | 27.5 | 22.6 | 30.2 | 8.8 | 21.1 | - |
| Bituminous coal and lignite surface mining ${ }^{11}$.......... | 212111 | 100.1 | 38.3 | 10.2 | 20.7 | 7.1 | 25.0 | 12.4 | 11.9 | - |
| Bituminous coal underground mining ${ }^{11}$.................. | 212112 | 299.2 | 154.3 | 85.5 | 32.2 | 33.4 | 33.3 | 5.7 | 27.6 | - |
| Anthracite mining ${ }^{11}$...................................... | 212113 | 353.3 | 135.3 |  | - | - |  | - | - | _ |
| Metal ore mining ${ }^{11}$......... | 2122 | 83.3 | 33.3 | 12.2 | 13.1 | 8.0 | 11.0 | 3.4 | 7.6 | - |
| Iron ore mining ${ }^{11}$ | 21221 | 85.3 | 23.3 | - | - |  | - | - | - | - |
| Gold ore and silver ore mining ${ }^{11}$.............................. | 21222 | 83.6 | 37.6 | 15.8 | 13.3 | - | 9.1 | - | - | - |
| Gold ore mining ${ }^{11}$............................................... | 212221 | 80.3 | 35.9 | 15.3 | 13.9 | - | - | - | - | - |
| Silver ore mining ${ }^{11}$......................... | 212222 | 117.5 | - | - | - | - | - | - | - | - |
| Copper, nickel, lead, and zinc mining ${ }^{11}$..................... | 21223 | 67.4 | 26.6 | - | 13.0 | - | 12.4 | - | 9.3 | - |
| Lead ore and zinc ore mining ${ }^{11}$ | 212231 | 67.1 | - | - | - | - | - | - | - | - |
| Copper ore and nickel ore mining ${ }^{11}$ | 212234 | 67.5 | 27.3 | - | 13.6 | - | 12.2 | - | - | - |
| Other metal ore mining ${ }^{11}$................... | 21229 | 137.3 | 56.3 | - | - | - | - | - | - | - |
| All other metal ore mining ${ }^{11}$ | 212299 | 147.7 | 61.5 | - | - | - | - | -7 | - | - |
| Nonmetallic mineral mining and quarrying ${ }^{11}$.................. | 2123 | 91.4 | 36.0 | 18.7 | 8.7 | 8.5 | 17.0 | 7.7 | 9.1 | - |
| Stone mining and quarrying ${ }^{11}$.................................. | 21231 | 99.8 | 40.8 | 21.1 | 9.9 | 9.9 | 16.6 | 8.8 | 7.6 | - |
| Dimension stone mining and quarrying ${ }^{11}$............... | 212311 | 166.3 | 81.6 | 51.2 | - | 27.2 | - | - | - | - |
| Crushed and broken limestone mining and quarrying ${ }^{11}$ | 212312 | 86.4 | 35.2 | 17.0 | 11.2 | 7.0 | 18.2 | 7.7 | 10.1 | - |
| Crushed and broken granite mining and quarrying ${ }^{11}$ Other crushed and broken stone mining and | 212313 | 46.0 | - | - | - | - | - | - | - | - |
| quarrying ${ }^{11}$ | 212319 | 120.6 | 46.1 | 20.6 | 15.7 | - | 21.6 | 15.7 | - | - |
| Sand, gravel, clay, and ceramic and refractory minerals mining and quarrying ${ }^{11}$ | 21232 | 83.9 | 32.5 | 16.1 | 8.2 | 7.6 | 15.8 | 6.8 | 9.0 | - |
| Construction sand and gravel mining ${ }^{11}$.................. | 212321 | 87.1 | 33.6 | 18.2 | 7.5 | 7.5 | 17.9 | 7.1 | 10.7 | - |
| Kaolin and ball clay mining ${ }^{11}$................................ | 212324 | 47.0 | - | - | - | - | - | - | - | - |
| Clay and ceramic and refractory minerals mining ${ }^{11}$ | 212325 | 97.8 | 28 | 17.1 | - | - | 21. | - | 14 | - |
| Other nonmetallic mineral mining and quarrying ${ }^{11}$....... | 21239 | 82.0 | 28.5 | 17.1 | - | - | 21.4 | - | 14.3 | - |
| Potash, soda, and borate mineral mining ${ }^{11}$............. | 212391 | 60.8 | - | - | - | - | - | - | - | - |
| Other chemical and fertilizer mineral mining ${ }^{11}$ | 212393 | 104.3 | - | - | - | - | - | - | - | - |
| All other nonmetallic mineral mining ${ }^{11}$ | 212399 | 142.5 | 65.5 | - | - | - | - | - | - | - |
| Support activities for mining ........................................... | 213 | 64.9 | 22.5 | 13.5 | 1.5 | 7.2 | 11.8 | 2.7 | 5.3 | 3.1 |
| Support activities for mining ....................................... | 2131 | 64.9 | 22.5 | 13.5 | 1.5 | 7.2 | 11.8 | 2.7 | 5.3 | 3.1 |
| Support activities for mining .................................... | 21311 | 64.9 | 22.5 | 13.5 | 1.5 | 7.2 | 11.8 | 2.7 | 5.3 | 3.1 |
| Drilling oil and gas wells ...................................... | 213111 | 90.7 | 42.3 | 21.9 | - | 17.8 | 14.4 | 4.7 | 4.7 | 3.8 |
| Support activities for oil and gas operations ........... | 213112 | 57.6 | 16.9 | 11.1 | 1.5 | 4.2 | 11.1 | 2.2 | 5.4 | 2.9 |
| Construction ...................................................... |  | 147.1 | 50.0 | 29.0 | 11.4 | 5.9 | 37.5 | 18.0 | 12.6 | 5.9 |
| Construction ......................................................... | 23 | 147.1 | 50.0 | 29.0 | 11.4 | 5.9 | 37.5 | 18.0 | 12.6 | 5.9 |

[^0]| Industry ${ }^{4}$ | Event or exposure leading to injury or illness ${ }^{6}$ |  |  |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Overexertion and bodily reaction |  |  | Expo- <br> sure to harmful substance or environment | Transportation incidents |  | Fires and explosions | Violence and other injuries by persons or animals |  |  |  | All other events ${ }^{7}$ |
|  | Total | In lifting | $\begin{aligned} & \text { Repeti- } \\ & \text { tive } \\ & \text { motion } \end{aligned}$ |  | Total | Roadway incidents |  | Total | Inten- <br> tional injury by other person | Injury by person--unintentional or intent unknown | Animal and insect related |  |
| Mining (except oil and gas) ${ }^{11}$ | 49.0 | 16.9 | - | 4.0 | 1.0 | - | - | - | - | - | - | 1.8 |
| Coal mining ${ }^{11}$................. | 70.8 | 24.9 | - | 4.9 | 1.7 | - | _ | - | - | - | - | 2.9 |
| Coal mining ${ }^{11}$ | 70.8 | 24.9 | - | 4.9 | 1.7 | _ | - | - | _ | - | - | 2.9 |
| Bituminous coal and lignite surface mining ${ }^{11}$.......... | 30.2 | 6.9 | - | 4.3 | - | - | - | - | - | - | - | - |
| Bituminous coal underground mining ${ }^{11}$.................. | 99.8 | 37.9 | - | 5.0 | 2.7 | - | - | - | - | - | - | 4.1 |
| Anthracite mining ${ }^{11}$............................................ | 120.3 | - | - | - | - | - | - | - | - | - | - | - |
| Metal ore mining ${ }^{11}$..................................................... | 33.3 | 9.2 | - | 4.1 | - | - | - | - | - | - | - | - |
| Iron ore mining11 ................................................... | 51.2 | - | - | - | - | - | - | - | - | - | - | - |
| Gold ore and silver ore mining ${ }^{11}$.............................. | 30.3 | 9.7 | - | - | - | _ | _ | - | - | - | _ | - |
| Gold ore mining ${ }^{11}$.............................................. | 30.5 | - | - | - | - | - | - | - | - | - | - | - |
| Silver ore mining ${ }^{11}$............................................. |  | - | _ | - | - | - | - | - | - | - | - | - |
| Copper, nickel, lead, and zinc mining ${ }^{11}$ | 25.4 | - | - | - | - | - | - | - | - | - | - | - |
| Lead ore and zinc ore mining ${ }^{11}$ | , | - | _ | - | - | - | - | - | - | - | - | - |
| Copper ore and nickel ore mining ${ }^{11}$....................... | 24.4 | - | - | - | - | - | - | - | - | - | - | - |
| Other metal ore mining ${ }^{11}$......................................... | 47.3 | - | - | - | - | - | - | - | - | - | - | - |
| All other metal ore mining ${ }^{11}$................................. | 51.7 | - | - | - | - | - | - | - | - | - | - | - |
| Nonmetallic mineral mining and quarrying ${ }^{11}$.................. | 33.5 | 12.1 | - | 3.0 | - | - | - | - | - | - | - | - |
| Stone mining and quarrying ${ }^{11}$.................................. | 37.5 | 13.9 | - | - | - | - | - | - | - | - | - | - |
| Dimension stone mining and quarrying ${ }^{11}$ | 70.3 | 28.8 | - | - | - | - | - | - | - | - | - | - |
| Crushed and broken limestone mining and quarrying ${ }^{11}$ | 29.4 | 11.3 | - | - | - | - | - | - | - | - | - | - |
| Crushed and broken granite mining and quarrying ${ }^{11}$ | - | - | - | - | - | - | - | - | - | - | - | - |
| Other crushed and broken stone mining and quarrying ${ }^{11}$ | 45.1 | - | - | - | - | - | - | - | - | - | - | - |
| Sand, gravel, clay, and ceramic and refractory minerals mining and quarrying ${ }^{11}$ | 30.5 | 11.3 | - | - | - | - | - | - | - | - | - | - |
| Construction sand and gravel mining ${ }^{11}$.................. | 30.3 | 11.1 | - | - | - | - | - | - | - | - | - | - |
| Kaolin and ball clay mining ${ }^{11}$................................ | 4 | - | - | - | - | - | - | - | - | - | - | - |
| Clay and ceramic and refractory minerals mining ${ }^{11}$ | 44.7 | - | - | - | - | - | - | - | - | - | - | - |
| Other nonmetallic mineral mining and quarrying ${ }^{11}$....... | 27.8 | - | - | - | - | - | - | - | - | - | - | - |
| Potash, soda, and borate mineral mining ${ }^{11}$............ | - | - | - | - | - | - | - | - | - | - | - | - |
| Other chemical and fertilizer mineral mining ${ }^{11}$........ | - | - | - | - | - | - | - | - | - | _ | - | - |
| All other nonmetallic mineral mining ${ }^{11}$................... | - | - | - | - | - | - | - | - | - | - | - | - |
| Support activities for mining ........................................... | 21.7 | 6.4 | - | 4.0 | 3.7 | 2.1 | 0.6 | 0.4 | - | - | - | - |
| Support activities for mining ....................................... | 21.7 | 6.4 | - | 4.0 | 3.7 | 2.1 | . 6 | . 4 | - | - | - | - |
| Support activities for mining ................................... | 21.7 | 6.4 | - | 4.0 | 3.7 | 2.1 | . 6 | . 4 | - | - | - | - |
| Drilling oil and gas wells ..................................... | 26.7 | 8.9 | - | 4.8 | - | - | $-$ | - | - | - | - | - |
| Support activities for oil and gas operations ........... | 20.3 | 5.8 | - | 3.8 | 4.4 | 2.7 | . 7 | - | - | - | - | - |
| Construction ....................................................... | 46.0 | 15.5 | 1.2 | 5.2 | 5.5 | 3.6 | . 5 | 1.0 | 0.1 | 0.1 | 0.8 | 1.5 |
| Construction .......................................................... | 46.0 | 15.5 | 1.2 | 5.2 | 5.5 | 3.6 | . 5 | 1.0 | . 1 | . 1 | . 8 | 1.5 |

[^1]| Industry ${ }^{4}$ | NAICS code5 | Total cases | Event or exposure leading to injury or illness ${ }^{6}$ |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  | Contact with objects |  |  |  | Falls, slips, trips |  |  |  |
|  |  |  | Total | Struck by object | Struck against object | Caught in or compressed or crushed | Total | Fall to lower level | Fall on same level | Slips or trips without fall |
| Construction of buildings | 236 | 142.0 | 52.2 | 29.5 | 13.1 | 8.3 | 40.4 | 25.9 | 11.2 | 2.8 |
| Residential building construction | 2361 | 177.1 | 73.6 | 38.8 | 23.0 | 11.1 | 46.9 | 31.9 | 11.4 | 3.6 |
| Nonresidential building construction ............................ | 2362 | 113.1 | 34.6 | 21.9 | 4.9 | 6.0 | 35.0 | 21.1 | 11.1 | 2.2 |
| Heavy and civil engineering construction | 237 | 111.3 | 43.2 | 29.5 | 5.4 | 5.9 | 24.5 | 9.1 | 9.9 | 4.0 |
| Utility system construction .......................................... | 2371 | 98.8 | 37.0 | 20.1 | 6.0 | 7.7 | 20.2 | 8.2 | 9.5 | 2.1 |
| Water and sewer line and related structures construction $\qquad$ | 23711 | 136.9 | 59.9 | 36.3 | 4.3 | 11.1 | 21.7 | 7.1 | 12.6 | 2.0 |
| Oil and gas pipeline and related structures construction | 23712 | 47.9 | 20.7 | 6.2 | 10.3 | 3.5 | 9.4 | 4.0 | 4.5 | - |
| Power and communication line and related structures construction $\qquad$ | 23713 | 105.2 | 27.7 | 15.7 | 3.9 | 8.0 | 28.5 | 13.3 | 10.8 | 3.3 |
| Land subdivision ...................................................... | 2372 | 143.0 | 77.1 | 73.1 | - | - | 31.0 | 30.0 |  | - |
| Highway, street, and bridge construction ...................... | 2373 | 134.3 | 46.6 | 33.4 | 5.9 | 4.8 | 32.6 | 9.1 | 12.9 | 6.4 |
| Other heavy and civil engineering construction .............. | 2379 | 87.6 | 47.5 | 42.7 | - | - | 17.6 | 3.5 | 6.5 | 7.6 |
| Specialty trade contractors ............................................ | 238 | 158.3 | 50.9 | 28.6 | 12.3 | 5.0 | 39.9 | 17.5 | 13.8 | 7.5 |
| Foundation, structure, and building exterior contractors .. | 2381 | 191.9 | 66.9 | 47.0 | 8.0 | 6.3 | 57.2 | 25.6 | 16.7 | 13.0 |
| Structural steel and precast concrete contractors ........ | 23812 | 259.9 | 82.3 | 42.1 | - | 11.5 | 75.6 | 32.1 | 39.8 | - |
| Framing contractors ............................................... | 23813 | 185.7 | 74.5 | 40.5 | 21.9 | 10.0 | 37.1 | 18.1 | 5.5 | 9.7 |
| Masonry contractors .............................................. | 23814 | 153.3 | 61.8 | 43.7 | 9.2 | 8.1 | 27.9 | 14.9 | 7.1 | - |
| Glass and glazing contractors .................................. | 23815 | 147.0 | 26.8 | 17.0 | 7.6 | - | 65.7 | 32.3 | 33.4 | - |
| Roofing contractors ................................................ | 23816 | 182.1 | 43.3 | 32.3 | 2.9 | 5.3 | 73.4 | 50.7 | 11.2 | 10.6 |
| Siding contractors ................................................. | 23817 | 169.0 | 81.9 | 39.3 | - | 26.5 | 60.7 | - | 22.1 | 29.5 |
| Other foundation, structure, and building exterior contractors | 23819 | 226.7 | 111.9 | 93.1 | - | - | 72.7 | - | 52.1 | - |
| Building equipment contractors ................................... | 2382 | 156.0 | 49.4 | 23.2 | 15.5 | 3.9 | 32.6 | 14.5 | 12.2 | 4.9 |
| Electrical contractors ............................................. | 23821 | 129.2 | 36.0 | 18.4 | 11.2 | 3.7 | 35.9 | 15.5 | 13.9 | 5.6 |
| Plumbing, heating, and air-conditioning contractors .... | 23822 | 191.6 | 65.2 | 28.8 | 20.3 | 4.6 | 32.7 | 15.4 | 11.8 | 4.5 |
| Other building equipment contractors ....................... | 23829 | 81.4 | 24.9 | 14.8 | 8.9 | - | 11.5 | 2.9 | 4.2 | 3.6 |
| Building finishing contractors ...................................... | 2383 | 148.3 | 46.1 | 28.3 | 13.6 | 2.5 | 40.2 | 20.4 | 12.9 | 5.5 |
| Drywall and insulation contractors | 23831 | 163.6 | 38.9 | 20.4 | 11.6 | 3.4 | 65.9 | 35.2 | 18.3 | 10.6 |
| Painting and wall covering contractors | 23832 | 72.5 | 23.7 | 16.8 | 5.7 | - | 27.4 | 21.1 | 3.3 | - |
| Flooring contractors | 23833 | 227.9 | 27.5 | 18.2 | 9.2 | - | 15.2 | - | - | - |
| Tile and terrazzo contractors | 23834 | 110.0 | 23.2 | 14.2 | - | - | 44.5 | - | 44.5 | - |
| Other building finishing contractors ........................... | 23839 | 179.7 | 51.9 | 45.5 | - | 5.9 | 42.5 | 25.3 | 8.0 | 9.1 |
| Other specialty trade contractors ................................. | 2389 | 137.8 | 42.4 | 25.1 | 5.8 | 9.5 | 43.2 | 14.6 | 16.9 | 11.5 |
| Site preparation contractors .................................... | 23891 | 133.1 | 39.4 | 19.7 | 7.4 | 10.3 | 41.7 | 9.8 | 19.4 | 12.3 |
| All other specialty trade contractors .......................... | 23899 | 142.9 | 45.6 | 30.9 | 4.1 | 8.7 | 44.9 | 19.6 | 14.3 | 10.6 |
| Manufacturing ..................................................... |  | 105.5 | 39.4 | 19.1 | 7.5 | 10.2 | 18.6 | 4.4 | 10.3 | 3.4 |
| Manufacturing ....................................................... | 31-33 | 105.5 | 39.4 | 19.1 | 7.5 | 10.2 | 18.6 | 4.4 | 10.3 | 3.4 |

[^2]| Industry ${ }^{4}$ | Event or exposure leading to injury or illness ${ }^{6}$ |  |  |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Overexertion and bodily reaction |  |  | Expo- <br> sure to harmful substance or environment | Transportation incidents |  | Fires and explosions | Violence and other injuries by persons or animals |  |  |  | All other events ${ }^{7}$ |
|  | Total | In lifting | Repetitive motion |  | Total | Roadway incidents |  | Total | Intentional injury by other person | Injury by person--unintentional or intent unknown | Animal and insect related |  |
| Construction of buildings | 43.3 | 15.0 | 2.0 | 3.7 | 1.6 | 1.3 | - | - | - | - | - | 0.4 |
| Residential building construction | 50.9 | 14.4 | 2.3 | 3.1 | 2.3 | 2.1 | - | - | - | - | - | - |
| Nonresidential building construction ............................ | 37.0 | 15.5 | 1.8 | 4.2 | 1.1 | . 6 | - | - | - | - | - | . 6 |
| Heavy and civil engineering construction .......................... | 24.4 | 7.8 | 1.0 | 5.0 | 9.5 | 5.6 | 0.8 | 1.3 | - | - | 1.0 | 2.7 |
| Utility system construction .......................................... | 24.0 | 8.0 | . 7 | 5.4 | 5.9 | 4.4 | 1.0 | 1.5 | - | - | 1.2 | 3.9 |
| Water and sewer line and related structures construction | 30.6 | 13.9 | - | 6.3 | 6.2 | 4.8 | - | 1.8 | - | - | 1.8 | 10.2 |
| Oil and gas pipeline and related structures construction | 14.7 | 4.0 | - | - | 1.2 | - | - | - | - | - | - | - |
| Power and communication line and related structures construction | 25.5 | 5.4 | - | 8.2 | 9.9 | 7.8 | 2.5 | 2.1 | - | - | 1.3 | - |
| Land subdivision ....................................................... | 16.1 | 13.8 | - | - | 17.3 | - | - | - | - | - | - | - |
| Highway, street, and bridge construction ...................... | 30.8 | 8.1 | 1.9 | 5.3 | 16.2 | 9.9 | - | 1.0 | - | - | . 7 | 1.4 |
| Other heavy and civil engineering construction .............. | 10.9 | 3.2 | - | 3.7 | 3.2 | - | - | - | - | - | - | - |
| Specialty trade contractors ............................................ | 52.6 | 17.6 | 1.0 | 5.9 | 5.8 | 3.8 | . 5 | 1.1 | 0.1 | - | 1.0 | 1.5 |
| Foundation, structure, and building exterior contractors .. | 50.5 | 17.9 | . 9 | 5.3 | 5.2 | 2.6 | - | 4.5 | - | - | 4.0 | 2.3 |
| Structural steel and precast concrete contractors ........ | 78.5 | 12.8 | - | 8.3 | - | - | - | - | - | - | - | 11.0 |
| Framing contractors ............................................... | 70.2 | 52.4 | - | - | - | - | - | - | - | - | - | , |
| Masonry contractors .............................................. | 38.4 | 15.2 | - | - | - | - | - | - | - | - | - | 5.0 |
| Glass and glazing contractors ................................. | 43.9 | 23.0 | - | - | 10.5 | 10.5 | - | - | - | - | - | - |
| Roofing contractors ............................................... | 51.4 | 10.9 | - | 10.7 | 2.3 | 2.3 | - | - | - | - | - | - |
| Siding contractors ................................................. | 23.0 | - | - | - | - | - | - | - | - | - | - | - |
| Other foundation, structure, and building exterior contractors | 33.2 | 30.0 | - | - | - | - | - | - | - | - | - | - |
| Building equipment contractors ................................... | 59.7 | 18.1 | . 9 | 5.7 | 6.1 | 4.5 | . 5 | . 5 | - | - | . 4 | 1.6 |
| Electrical contractors .............................................. | 41.4 | 10.3 | 1.2 | 4.5 | 8.5 | 5.4 | - | . 6 | - | - | . 5 | 2.2 |
| Plumbing, heating, and air-conditioning contractors .... | 79.4 | 26.3 | . 7 | 7.4 | 4.2 | 4.1 | 1.0 | . 4 | - | _ | - | 1.2 |
| Other building equipment contractors ........................ | 39.3 | 11.0 | - | - | 4.2 | 2.5 | - | - | - | - | - | - |
| Building finishing contractors ...................................... | 48.9 | 19.0 | 1.1 | 8.0 | 4.1 | 2.8 | - | - | - | - | - | - |
| Drywall and insulation contractors ........................... | 47.1 | 20.2 | 3.1 | 5.4 | 4.8 | 1.5 | - | - | - | - | - | - |
| Painting and wall covering contractors ....................... | 17.3 | 9.2 |  | 3.8 |  |  | - | - | - | - | - | - |
| Flooring contractors ............................................... | 129.9 | 50.1 | - | 53.9 | , | - | - | - | - | - | - | - |
| Tile and terrazzo contractors ................................... | 21.2 | 14.8 | - | - | 17.6 | 17.6 | - | - | - | - | - | - |
| Other building finishing contractors ........................... | 73.3 | 22.3 | - | - | 8.8 | 8.1 |  | - | - | - | - | - |
| Other specialty trade contractors ................................. | 36.2 | 14.2 | 1.1 | 4.7 | 7.7 | 4.3 | 1.5 | - | - | - | - | 1.8 |
| Site preparation contractors .................................... | 36.5 | 13.0 | 1.8 | 2.5 | 8.9 | 3.6 | - | - | - | - | - | 3.5 |
| All other specialty trade contractors ......................... | 35.8 | 15.5 | - | 7.0 | 6.5 | 5.0 | - | - | - | - | - | - |
| Manufacturing .................................................... | 38.6 | 11.1 | 6.7 | 5.4 | 1.9 | . 6 | . 2 | . 4 | . 1 | 0.1 | . 2 | 1.0 |
| Manufacturing ....................................................... | 38.6 | 11.1 | 6.7 | 5.4 | 1.9 | . 6 | . 2 | . 4 | . 1 | . 1 | . 2 | 1.0 |

[^3]| Industry ${ }^{4}$ | NAICS code5 | Total cases | Event or exposure leading to injury or illness ${ }^{6}$ |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  | Contact with objects |  |  |  | Falls, slips, trips |  |  |  |
|  |  |  | Total | Struck by object | Struck against object | Caught in or compressed or crushed | Total | Fall to lower level | Fall on same level | Slips or trips without fall |
| Food manufacturing | 311 | 127.5 | 41.0 | 18.2 | 8.1 | 13.4 | 29.3 | 5.0 | 18.6 | 5.3 |
| Animal food manufacturing | 3111 | 70.1 | 18.9 | 3.5 | - | 14.1 | 23.1 | 7.2 | 12.9 | - |
| Animal food manufacturing | 31111 | 70.1 | 18.9 | 3.5 | - | 14.1 | 23.1 | 7.2 | 12.9 | - |
| Dog and cat food manufacturing ........................... | 311111 | 59.1 | 21.6 | - | - | 17.2 | 19.4 | - | 12.7 | - |
| Other animal food manufacturing .......................... | 311119 | 77.2 | 17.1 | - | - | 12.1 | 25.4 | 9.8 | 13.1 | - |
| Grain and oilseed milling ............................................ | 3112 | 129.8 | 34.1 | 10.6 | 12.0 | 10.5 | 43.6 | 11.3 | 22.4 | 9.7 |
| Flour milling and malt manufacturing ........................ | 31121 | 236.7 | 50.4 | 7.8 | 26.3 | 15.8 | 91.3 | 30.6 | 35.9 | 23.9 |
| Flour milling ............................... | 311211 | 267.5 | 56.4 | - | 32.3 | 16.5 | 100.3 | 25.5 | 44.1 | 29.4 |
| Rice milling | 311212 | 138.1 | 41.3 | - | - | - | 33.5 | 33.5 | - | - |
| Starch and vegetable fats and oils manufacturing ....... | 31122 | 85.6 | 28.2 | 13.3 | - | 9.9 | 23.5 | - | 17.6 | - |
| Wet corn milling | 311221 | 89.2 | 27.4 | 19.9 | - | - | 21.1 | - | 20.1 | - |
| Soybean processing ........................................... | 311222 | 39.3 | - | - | - | - | - | - | - | - |
| Fats and oils refining and blending ....................... | 311225 | 98.8 | - | - | - | - | - | - | - | - |
| Breakfast cereal manufacturing ............................... | 31123 | 70.8 | 23.7 | 9.5 | - | - | 18.0 | - | 13.8 | $\overline{7}$ |
| Sugar and confectionery product manufacturing ............ | 3113 | 134.1 | 43.7 | 16.5 | 8.9 | 16.4 | 34.0 | 4.8 | 21.6 | 7.6 |
| Sugar manufacturing ............................................. | 31131 | 192.7 | 65.8 | 28.5 | 17.1 | 20.1 | 37.9 | - | 16.9 | - |
| Sugarcane mills ................................................. | 311311 | 235.6 | 106.6 | 52.4 | - | - | - | - | - | - |
| Cane sugar refining ............................................ | 311312 | 107.9 | - | - | - | - | - | - | - | - |
| Beet sugar manufacturing .................................. | 311313 | 205.2 | 52.6 | 25.1 | - | - | 51.2 | - | 24.3 | - |
| Chocolate and confectionery manufacturing from cacao beans $\qquad$ | 31132 | 83.2 | 26.9 | - | - | - | - | - | - | - |
| Confectionery manufacturing from purchased chocolate | 31133 | 139.5 | 49.2 | 17.1 | 9.8 | 20.8 | 42.6 | - | 36.5 | - |
| Nonchocolate confectionery manufacturing ............... | 31134 | 98.1 | 23.3 | - | - | - | 28.1 | - | - | - |
| Fruit and vegetable preserving and specialty food manufacturing | 3114 | 134.6 | 36.6 | 13.6 | 6.6 | 14.2 | 42.4 | 7.5 | 25.3 | 7.7 |
| Frozen food manufacturing ..................................... | 31141 | 140.8 | 39.7 | 12.4 | 7.7 | 17.0 | 49.2 | 8.6 | 28.9 | 10.3 |
| Frozen fruit, juice, and vegetable manufacturing ..... | 311411 | 185.6 | 47.9 | 18.4 | 12.1 | 15.9 | 66.4 | 13.4 | 34.5 | 16.0 |
| Frozen specialty food manufacturing .................... | 311412 | 115.6 | 35.1 | 9.1 | 5.2 | 17.7 | 39.6 | 5.9 | 25.8 | 7.1 |
| Fruit and vegetable canning, pickling, and drying ........ | 31142 | 128.2 | 33.4 | 14.9 | 5.5 | 11.3 | 35.4 | 6.4 | 21.6 | 4.9 |
| Fruit and vegetable canning ................................. | 311421 | 129.5 | 36.4 | 14.6 | 6.0 | 13.7 | 36.6 | 6.9 | 22.6 | 5.7 |
| Specialty canning .............................................. | 311422 | 102.3 | 25.9 | 16.7 | - | - | 24.5 | - | 13.5 | - |
| Dried and dehydrated food manufacturing .................. | 311423 | 148.5 | 23.2 | 14.6 | - | - | 39.3 | - | 24.6 | - |
| Dairy product manufacturing ....................................... | 3115 | 190.4 | 47.3 | 19.4 | 11.0 | 16.0 | 50.4 | 8.7 | 30.9 | 10.6 |
| Dairy product (except frozen) manufacturing .................. | 31151 | 196.0 | 50.2 | 20.7 | 12.4 | 16.4 | 51.7 | 9.1 | 30.8 | 11.5 |
| Fluid milk manufacturing ..................................... | 311511 | 209.1 | 53.3 | 19.5 | 18.3 | 14.2 | 66.3 | 14.3 | 37.6 | 13.8 |
| Creamery butter manufacturing ........................... | 311512 | 213.6 | 68.3 |  | - | 1 | - | - | - | - |
| Cheese manufacturing ........................................ | 311513 | 202.4 | 53.9 | 24.9 | 7.4 | 21.2 | 41.4 | 3.6 | 26.8 | 11.0 |
| Dry, condensed, and evaporated dairy product manufacturing $\qquad$ | 311514 | 122.7 | 24.4 | 15.2 | - | - | 23.3 | - | 14.9 | - |
| Ice cream and frozen dessert manufacturing .............. | 31152 | 157.6 | 30.2 | 11.8 | - | 13.9 | 42.8 | - | 31.5 | - |
| Animal slaughtering and processing ............................ | 3116 | 100.0 | 37.1 | 20.6 | 6.5 | 9.2 | 17.4 | 4.0 | 10.8 | 2.5 |
| Animal slaughtering and processing ......................... | 31161 | 100.0 | 37.1 | 20.6 | 6.5 | 9.2 | 17.4 | 4.0 | 10.8 | 2.5 |

[^4]| Industry ${ }^{4}$ | Event or exposure leading to injury or illness ${ }^{6}$ |  |  |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Overexertion and bodily reaction |  |  | Expo- <br> sure to harmful substance or environment | Transportation incidents |  | Fires and explosions | Violence and other injuries by persons or animals |  |  |  | All other events ${ }^{7}$ |
|  | Total | In lifting | Repetitive motion |  | Total | Roadway incidents |  | Total | Intentional injury by other person | Injury by person--unintentional or intent unknown | Animal and insect related |  |
| Food manufacturing | 43.5 | 12.1 | 8.9 | 8.5 | 3.1 | 0.8 | - | 0.8 | 0.2 | 0.3 | 0.3 | 1.3 |
| Animal food manufacturing | 20.5 | 9.5 | - | 5.1 | - | - | _ | - | - | - | - | - |
| Animal food manufacturing | 20.5 | 9.5 | - | 5.1 | - | - | - | - | - | - | - | - |
| Dog and cat food manufacturing ........................... | 13.3 | 8.7 | - |  | - | - | - | - | - | - | - | - |
| Other animal food manufacturing .......................... | 25.1 | 10.1 | - | 5.8 | - | - | - | - | - | - | - | - |
| Grain and oilseed milling ............................................ | 40.3 | 9.8 | 6.9 | 8.8 | 2.5 | - | - | - | - | - | - | - |
| Flour milling and malt manufacturing ........................ | 74.2 | 22.0 | 15.2 | 19.3 | - | - | - | - | - | - | - | - |
| Flour milling ....................................................... | 89.0 | 22.0 | 21.1 | 19.9 | - | - | - | - | - | - | - | - |
| Rice milling ....................................................... | 42.7 | - | - | - | - | - | - | - | - | - | - | - |
| Starch and vegetable fats and oils manufacturing ....... | 24.9 | - | - | - | - | - | - | - | - | - | - | - |
| Wet corn milling ................................................. | 35.6 | - | - | - | - | - | - | - | - | - | - | - |
| Soybean processing ........................................... | - | - | - | - | - | - | - | - | - | - | - | - |
| Fats and oils refining and blending ....................... | - | - | - | - | - | - | - | - | - | - | - | - |
| Breakfast cereal manufacturing ............................... | 23.8 | - | - | - | - | - | - | - | - | - | - | - |
| Sugar and confectionery product manufacturing ............ | 42.8 | 8.4 | 6.4 | 9.9 | - | - | - | - | - | - | - | - |
| Sugar manufacturing | 56.4 | - | - | 25.0 | - | - | - | - | - | - | - | - |
| Sugarcane mills ................................................. | 64.2 | - | - | - | - | - | - | - | - | - | - | - |
| Cane sugar refining ............................................ | - | - | - | - | - | - | - | - | - | - | - | - |
| Beet sugar manufacturing ................................... | 61.7 | - | - | 29.9 | - | - | - | - | - | - | - | - |
| Chocolate and confectionery manufacturing from cacao beans | 42.7 | - | - | - | - | - | - | - | - | - | - | - |
| Confectionery manufacturing from purchased chocolate | 39.3 | - | 6.0 | - | - | - | - | - | - | - | - | - |
| Nonchocolate confectionery manufacturing ............... | 37.3 | - | 12.1 | - | - | - | - | - | - | - | - | - |
| Fruit and vegetable preserving and specialty food manufacturing | 37.5 | 8.7 | 4.9 | 9.7 | 4.7 | - | - | - | - | - | - | 3.3 |
| Frozen food manufacturing .................................... | 38.4 | 11.4 | 4.2 | 9.9 | 3.6 | _ | _ | _ | _ | _ | _ | - |
| Frozen fruit, juice, and vegetable manufacturing ..... | 56.9 | 11.4 | - | 8.8 | 5.7 | - | - | - | - | - | - | - |
| Frozen specialty food manufacturing ..................... | 28.0 | 11.4 | 4.8 | 10.5 | - | - | - | - | - | - | - | - |
| Fruit and vegetable canning, pickling, and drying ....... | 36.7 | 5.9 | 5.7 | 9.5 | 5.8 | - | - | - | - | - | - | 6.7 |
| Fruit and vegetable canning ................................. | 38.1 | 6.0 | 6.0 | 9.6 | 5.9 | _ | _ | - | _ | - | - | - |
| Specialty canning .............................................. | 34.9 | - | - | 16.0 | - | - | - | - | - | - | - | - |
| Dried and dehydrated food manufacturing .............. | 30.0 | 9 | - | - | 5 | 1 | - | - | _ | _ | - | 43.5 |
| Dairy product manufacturing ...................................... | 71.1 | 19.4 | 8.0 | 14.0 | 5.5 | 1.9 | - | - | - | - | - | - |
| Dairy product (except frozen) manufacturing .............. | 71.0 | 19.9 | 7.0 | 14.9 | 6.0 | 1.7 | - | - | - | - | - | - |
| Fluid milk manufacturing | 67.2 | 14.6 | 3.5 | 12.8 | 8.2 | 3.0 | - | - | - | - | - | - |
| Creamery butter manufacturing ............................ | - |  | - | - | - | - | - | _ | - | - | - | - |
| Cheese manufacturing | 81.9 | 25.5 | 12.1 | 16.5 | 4.8 | - | - | - | - | - | - | - |
| Dry, condensed, and evaporated dairy product manufacturing | 58.1 | 21.7 | , | 16.9 | - | - | - | - | - | - | - | - |
| Ice cream and frozen dessert manufacturing .............. | 71.8 | 16.3 | 13.9 | 8.9 | - | - | - | - | - | - | - | - |
| Animal slaughtering and processing ............................ | 35.6 | 7.6 | 14.3 | 6.3 | 1.8 | - | - | 1.1 | - | . 4 | . 5 | . 6 |
| Animal slaughtering and processing ......................... | 35.6 | 7.6 | 14.3 | 6.3 | 1.8 | - | - | 1.1 | - | . 4 | . 5 | . 6 |

[^5]| Industry ${ }^{4}$ | NAICS code5 | Total cases | Event or exposure leading to injury or illness ${ }^{6}$ |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  | Contact with objects |  |  |  | Falls, slips, trips |  |  |  |
|  |  |  | Total | Struck by object | Struck against object | Caught in or compressed or crushed | Total | Fall to lower level | Fall on same level | Slips or trips without fall |
| Animal (except poultry) slaughtering | 311611 | 115.6 | 49.3 | 33.3 | 7.8 | 6.9 | 12.4 | 1.5 | 9.9 | - |
| Meat processed from carcasses ..... | 311612 | 133.2 | 46.4 | 22.8 | 10.2 | 12.4 | 24.7 | 6.4 | 13.5 | 4.3 |
| Rendering and meat byproduct processing | 311613 | 178.1 | 45.2 | 33.9 | - | - | 39.5 | 24.8 | - | - |
| Poultry processing .............................................. | 311615 | 69.1 | 23.8 | 10.4 | 3.8 | 9.3 | 16.1 | 3.5 | 9.8 | 2.7 |
| Seafood product preparation and packaging ................. | 3117 | 259.5 | 76.8 | 46.3 | 10.6 | 18.5 | 76.4 | 16.2 | 41.1 | 18.6 |
| Seafood product preparation and packaging .............. | 31171 | 259.5 | 76.8 | 46.3 | 10.6 | 18.5 | 76.4 | 16.2 | 41.1 | 18.6 |
| Seafood canning ............................................... | 311711 | 344.5 | 133.2 | 86.1 | 25.3 | - | 92.8 | - | 41.1 | 42.0 |
| Fresh and frozen seafood processing | 311712 | 240.9 | 64.4 | 37.6 | 7.4 | 17.8 | 72.8 | 17.6 | 41.0 | 13.5 |
| Bakeries and tortilla manufacturing .............. | 3118 | 132.4 | 45.8 | 17.0 | 9.5 | 17.9 | 24.1 | 2.0 | 17.0 | 5.0 |
| Bread and bakery product manufacturing | 31181 | 142.8 | 48.0 | 18.6 | 9.6 | 18.5 | 27.4 | 1.8 | 19.9 | 5.4 |
| Retail bakeries | 311811 | 65.3 | 23.1 | 12.4 | - | 9.4 | 14.9 | - | 13.6 | - |
| Commercial bakeries ....................... | 311812 | 175.8 | 59.0 | 21.0 | 13.8 | 22.7 | 32.9 | 2.5 | 22.9 | 7.1 |
| Frozen cakes, pies, and other pastries manufacturing $\qquad$ | 311813 | 147.3 | 45.6 | 22.4 | - | 16.7 | 26.1 | - | 17.6 | - |
| Cookie, cracker, and pasta manufacturing ................. | 31182 | 113.2 | 38.9 | 12.9 | 7.4 | 18.0 | 19.3 | - | 11.9 | 5.0 |
| Cookie and cracker manufacturing ............ | 311821 | 97.5 | 32.5 | 10.9 | 6.0 | 15.6 | 18.4 | - | 10.5 | - |
| Flour mixes and dough manufacturing from purchased flour $\qquad$ | 311822 | 146.8 | 52.7 | 16.6 | 11.3 | 24.1 | 26.7 | - | 18.4 | - |
| Dry pasta manufacturing ..................................... | 311823 | 101.0 | 33.9 | - | - | - | - | - | - | - |
| Tortilla manufacturing .............................................. | 31183 | 79.8 | 42.6 | 12.7 | 14.6 | 11.0 | - | - | - | - |
| Other food manufacturing .......................................... | 3119 | 129.9 | 45.9 | 19.0 | 9.7 | 14.5 | 27.1 | 2.4 | 21.5 | 2.7 |
| Snack food manufacturing ..................................... | 31191 | 148.3 | 52.7 | 18.2 | 18.5 | 15.9 | 31.8 | - | 26.5 | - |
| Roasted nuts and peanut butter manufacturing ....... | 311911 | 170.0 | 83.3 | 13.5 | 39.3 | 30.6 | 31.4 | - | 24.8 | - |
| Other snack food manufacturing ........................... | 311919 | 140.6 | 41.8 | 19.9 | 11.2 | 10.7 | 31.9 | - | 27.2 | - |
| Coffee and tea manufacturing | 31192 | 122.1 | 28.5 | - | - | - | 42.3 | - | 33.6 | - |
| Flavoring syrup and concentrate manufacturing ......... | 31193 | 64.6 | - | - | - | - | - | - | - | - |
| Seasoning and dressing manufacturing | 31194 | 94.4 | 31.7 | 17.9 | 7.0 | - | 19.0 | - | 13.2 | - |
| Mayonnaise, dressing, and other prepared sauce manufacturing | 311941 | 84.9 | 26.3 | - | 14.3 | - | 25.8 | - | 16.5 | - |
| Spice and extract manufacturing ........................... | 311942 | 100.4 | 35.2 | 24.7 | - | - | 14.6 | - | 11.0 | - |
| All other food manufacturing ................................... | 31199 | 147.7 | 58.9 | 24.0 | 7.6 | 23.8 | 26.6 | - | 22.1 | 3.3 |
| Perishable prepared food manufacturing ................ | 311991 | 150.7 | 38.1 | 20.8 | 6.2 | 6.0 | 33.9 | - | 29.4 | - |
| All other miscellaneous food manufacturing ........... | 311999 | 144.6 | 81.1 | 27.4 | 9.1 | 42.8 | 18.9 | - | 14.4 | - |
| Beverage and tobacco product manufacturing | 312 | 184.6 | 36.4 | 21.8 | 8.2 | 5.8 | 41.2 | 6.8 | 25.6 | 8.1 |
| Beverage manufacturing ............................................ | 3121 | 190.4 | 37.1 | 22.8 | 8.5 | 5.4 | 43.0 | 7.1 | 26.7 | 8.5 |
| Soft drink and ice manufacturing .............................. | 31211 | 241.3 | 46.3 | 26.7 | 10.9 | 8.0 | 44.7 | 10.9 | 22.9 | 10.3 |
| Soft drink manufacturing ..................................... | 312111 | 267.7 | 46.8 | 22.2 | 13.6 | 10.1 | 46.4 | 13.6 | 25.6 | 6.9 |
| Bottled water manufacturing ................................ | 312112 | 111.7 | - | - | - | - | 47.4 | - | 7 | 34.0 |
| Breweries | 31212 | 73.4 | 8.3 | - | - | - | 12.6 | - | 7.8 | - |
| Wineries .............................................................. | 31213 | 162.7 | 37.2 | 28.7 | 6.8 | - | 68.8 | - | 58.9 | 8.2 |
| Tobacco manufacturing .............................................. | 3122 | 116.4 | 28.5 | - | - | 10.8 | 18.9 | - | 12.1 | - |
| Tobacco product manufacturing ............................... | 31222 | 125.3 | 29.4 | - | - | 12.6 | 19.5 | - | - | - |
| Cigarette manufacturing ...................................... | 312221 | 142.1 | 37.1 | - | - | - | 25.0 | - | - | - |

[^6]| Industry ${ }^{4}$ | Event or exposure leading to injury or illness ${ }^{6}$ |  |  |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Overexertion and bodily reaction |  |  | Exposure to harmful substance or environment | Transportation incidents |  | Fires and explosions | Violence and other injuries by persons or animals |  |  |  | All other events ${ }^{7}$ |
|  | Total | In lifting | Repetitive motion |  | Total | Roadway incidents |  | Total | Intentional injury by other person | Injury by person--unintentional or intent unknown | Animal and insect related |  |
| Animal (except poultry) slaughtering | 46.6 | 8.0 | 24.9 | 4.5 | 1.1 | - | - | 1.7 | - | - | - | - |
| Meat processed from carcasses ...... | 49.0 | 11.6 | 9.9 | 7.2 | 3.9 | - | - | - | - | - | - | - |
| Rendering and meat byproduct processing ............ | 48.6 | 22.2 | - | 27.1 | - | - | - | - | - | - | - | - |
| Poultry processing | 20.9 | 4.7 | 10.0 | 6.2 | 1.3 | - | - | - | - | - | - | - |
| Seafood product preparation and packaging ................. | 71.8 | 25.0 | 9.4 | 23.7 | 7.4 | - | - | - | - | - | - | - |
| Seafood product preparation and packaging ............. | 71.8 | 25.0 | 9.4 | 23.7 | 7.4 | - | - | - | - | - | - | - |
| Seafood canning ............................................... | 89.2 | 34.4 | - | 25.9 | - | - | - | - | - | - | - | - |
| Fresh and frozen seafood processing .................... | 68.1 | 22.9 | 9.2 | 23.2 | 8.3 | - | - | - | - | - | - | - |
| Bakeries and tortilla manufacturing .............................. | 51.7 | 16.0 | 8.4 | 5.9 | 3.1 | 2.3 | - | - | - | - | - | 1.1 |
| Bread and bakery product manufacturing .................. | 55.2 | 16.3 | 7.0 | 7.1 | 3.8 | 3.0 | - | - | - | - | - | . 8 |
| Retail bakeries .................................................. | 16.2 | 3.8 | 5.9 | 4.4 | 5.3 | 4.9 | - | - | - | - | - | - |
| Commercial bakeries ......................................... | 70.7 | 21.5 | 6.4 | 8.3 | 3.5 | 2.5 | - | - | - | - | - | - |
| Frozen cakes, pies, and other pastries manufacturing $\qquad$ | 69.4 | 19.1 | 18.0 | - | - | - | - | - | - | - | - | - |
| Cookie, cracker, and pasta manufacturing ................. | 45.2 | 13.7 | 13.1 | 3.7 | - | - | - | - | - | - | - | - |
| Cookie and cracker manufacturing | 40.4 | 17.0 | 13.2 | - | - | - | - | - | - | - | - | - |
| Flour mixes and dough manufacturing from purchased flour $\qquad$ | 57.4 | 10.9 | 17.6 | - | - | - | - | - | - | - | - | - |
| Dry pasta manufacturing ....................................... | 35.6 | 10.9 | . | _ | - | _ | _ | _ | _ | _ | - | - |
| Tortilla manufacturing ............................................. | 34.1 | 19.7 | - | - | - | - | - | - | - | - | - | - |
| Other food manufacturing .......................................... | 40.2 | 17.0 | 2.8 | 10.2 | 3.1 | - | - | - | - | - | - | 2.8 |
| Snack food manufacturing ....................................................................... | 43.1 | 19.2 | 4.6 | 8.6 | 5.4 | - | - | - | - | - | - | 6.7 |
| Roasted nuts and peanut butter manufacturing ....... | 38.7 | - | 14.4 | - | - | - | - | - | - | - | - | - |
| Other snack food manufacturing .......................... | 44.6 | 23.7 | - | 7.8 | 5.8 | - | - | - | - | - | - | - |
| Coffee and tea manufacturing .................................. | 50.3 | 34.6 | - | - | - | - | - | - | - | - | - | - |
| Flavoring syrup and concentrate manufacturing ......... | 34.2 | - | - | - | - | - | - | - | - | - | - | - |
| Seasoning and dressing manufacturing $\qquad$ Mayonnaise dressing and other prepared sauce | 27.6 | 13.7 | - | 16.1 | - | - | - | - | - | - | - | - |
| Mayonnaise, dressing, and other prepared sauce manufacturing | 26.6 | 13.2 | - | - | - | - | - | - | - | - | - | - |
| Spice and extract manufacturing .......................... | 28.2 | 14.0 | - | 22.4 | - | - | - | - | - | - | - | - |
| All other food manufacturing ................................... | 43.7 | 14.9 | 2.7 | 11.7 | 2.9 | - | - | - | - | - | - | - |
| Perishable prepared food manufacturing ............... | 48.4 | 25.3 | - | 21.0 | - | - | - | - | - | - | - | - |
| All other miscellaneous food manufacturing ........... | 38.7 | - | - | - | - | - | - | - | - | - | - | - |
| Beverage and tobacco product manufacturing .................. | 88.0 | 35.5 | 4.5 | 4.4 | 9.8 | 3.5 | - | - | - | - | - | 4.2 |
| Beverage manufacturing ............................................ | 90.2 | 36.7 | 4.6 | 4.5 | 10.2 | 3.7 | - | - | - | - | - | 4.6 |
| Soft drink and ice manufacturing .............................. | 123.6 | 52.4 | 5.5 | 4.2 | 14.7 | 6.0 | - | - | - | - | - | 7.7 |
| Soft drink manufacturing ..................................... | 141.0 | 57.3 | 6.1 | 5.3 | 18.8 | 7.8 | - | - | - | - | - | 9.2 |
| Bottled water manufacturing ................................ | 49.4 | 25.0 | - | - | - | - | - | - | - | - | - | - |
| Breweries ........................................................... | 40.7 | 15.5 | 5 | 9.3 | - | - | - | - | - | - | - | - |
| Wineries | 47.1 | 15.2 | 5.3 | - | - | - | - | - | - | _ | - | - |
| Tobacco manufacturing ............................................. | 61.5 | 21.9 | - | - | - | - | - | - | - | - | - | - |
| Tobacco product manufacturing ............................... | 70.3 | 24.2 | - | _ | - | - | - | - | - | - | - | - |
| Cigarette manufacturing ..................................... | 74.7 | 24.0 | - | - | - | - | - | - | - | - | - | - |

See footnotes at end of table

| Industry ${ }^{4}$ | NAICS code ${ }^{5}$ | Total cases | Event or exposure leading to injury or illness ${ }^{6}$ |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  | Contact with objects |  |  |  | Falls, slips, trips |  |  |  |
|  |  |  | Total | Struck by object | Struck against object | Caught in or compressed or crushed | Total | Fall to lower level | Fall on same level | Slips or trips without fall |
| Other tobacco product manufacturing .................... | 312229 | 107.0 | - | - | - | - | - | - | - | - |
| Textile mills | 313 | 72.2 | 28.8 | 10.2 | 4.6 | 11.5 | 12.8 | - | 5.6 | 5.6 |
| Fiber, yarn, and thread mills | 3131 | 59.5 | 22.7 | 7.3 | - | 12.7 | 12.1 | - | 9.1 | - |
| Fiber, yarn, and thread mills ..................................... | 31311 | 59.5 | 22.7 | 7.3 | - | 12.7 | 12.1 | - | 9.1 | - |
| Yarn spinning mills ............................................. | 313111 | 70.4 | 24.0 | - | - | 16.2 | 14.0 | - | 10.4 | - |
| Yarn texturizing, throwing, and twisting mills .......... | 313112 | 31.9 | - | - | - | - | - | - | - | - |
| Fabric mills ............................................................... | 3132 | 74.2 | 26.0 | 9.0 | 5.7 | 9.6 | 15.3 | - | 4.3 | 8.7 |
| Broadwoven fabric mills | 31321 | 56.4 | 21.1 | 7.9 | 6.5 | 6.7 | 18.7 | - | 5.3 | - |
| Narrow fabric mills and schiffli machine embroidery .... | 31322 | 41.0 | - | - | - | - | - | - | - | - |
| Narrow fabric mills | 313221 | 43.6 | - | - | - | - | - | - | - | - |
| Nonwoven fabric mills | 31323 | 127.2 | 48.7 | 16.9 | - | 16.2 | - | - | - | - |
| Knit fabric mills | 31324 | 88.4 | - | - | - | - | 23.5 | - | - | - |
| Other knit fabric and lace mills ............................. | 313249 | 120.8 | - | - | - | - | - | - | - | - |
| Textile and fabric finishing and fabric coating mills ......... | 3133 | 79.0 | 38.0 | 14.4 | 5.7 | 13.5 | 9.3 | - | 4.9 | - |
| Textile and fabric finishing mills ............................... | 31331 | 56.3 | 26.9 | 11.2 | - | 11.0 | 11.2 | - | 5.7 | - |
| Broadwoven fabric finishing mills | 313311 | 54.6 | 29.0 | 12.6 | - | 16.3 | 16.5 | - | - | - |
| Textile and fabric finishing (except broadwoven fabric) mills $\qquad$ | 313312 | 58.7 | 23.9 | - | - | - | - | - | - | _ |
| Textile product mills ${ }^{10}$ | 314 | 79.3 | 27.8 | 8.9 | 3.7 | 13.7 | 8.5 | - | 6.1 | - |
| Textile furnishings mills ............................................. | 3141 | 49.1 | 17.4 | 6.0 | - | 7.8 | 6.2 | - | 2.9 | - |
| Carpet and rug mills .............................................. | 31411 | 43.3 | 9.1 | - | - | 4.7 | 7.0 | - | - | - |
| Curtain and linen mills ............................................ | 31412 | 58.9 | 31.4 | 13.1 | - | 13.0 | - | - | - | - |
| Curtain and drapery mills .................................... | 314121 | 66.7 | 44.7 | . | - | 20.7 | - | - | - | - |
| Other household textile product mills ..................... | 314129 | 53.2 | 21.7 | - | - | - | - | - | - | - |
| Other textile product mills ${ }^{10}$......................................... | 3149 | 107.4 | 37.5 | 11.7 | 4.8 | 19.1 | 10.7 | - | 9.1 | _ |
| Textile bag and canvas mills | 31491 | 91.2 | 29.9 | 19.1 | 7.2 | - | 13.6 | - | 11.4 | - |
| Textile bag mills ............. | 314911 | 78.4 | 42.4 | 42.4 | - | - |  | _ | - | - |
| Canvas and related product mills .......................... | 314912 | 97.5 | 23.6 | - | 10.8 | - | 18.5 | - | 15.9 | - |
| All other textile product mills ${ }^{10}$................................. | 31499 | 119.3 | 43.1 | 6.2 | - | 30.6 | 8.5 | - | 7.3 | - |
| Tire cord and tire fabric mills ................................ | 314992 | 82.3 | - | - | - | - | - | - | - | - |
| All other miscellaneous textile product mills ${ }^{10}$......... | 314999 | 122.6 | 37.0 | - | - | 29.2 | 9.8 | - | 8.7 | - |
| Apparel manufacturing ${ }^{10}$............................................... | 315 | 63.5 | 18.7 | 7.5 | 4.7 | 4.1 | 9.4 | 2.1 | 5.8 | 1.5 |
| Apparel knitting mills ................................................................................ | 3151 | 79.4 | - | - | - | - | 19.0 | - | 13.1 | - |
| Hosiery and sock mills ........................................... | 31511 | 117.7 | - | - | _ | - | 27.1 | - | 17.6 | - |
| Other hosiery and sock mills ................................ | 315119 | 78.0 | , | - | - | - | - | - | - | - |
| Cut and sew apparel manufacturing 10 .......................... | 3152 | 57.2 | 18.5 | 6.8 | 5.4 | 3.3 | 5.9 | - | 3.5 | 1.7 |
| Cut and sew apparel contractors ${ }^{10}$ | 31521 | 16.8 | 9.4 | - | 5.5 | - | - | - | - | - |
| Men's and boys' cut and sew apparel contractors ${ }^{10}$ | 315211 | 27.8 | - | 10.0 | - | 8.7 | 0.1 | - | 7.1 | - |
| Men's and boys' cut and sew apparel manufacturing Men's and boys' cut and sew work clothing manufacturing $\qquad$ | 31522 315225 | 84.3 105.9 | 31.2 44.2 | 10.0 | - | 8.7 - | 9.1 | - | 7.1 - | - |


| Industry ${ }^{4}$ | Event or exposure leading to injury or illness ${ }^{6}$ |  |  |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Overexertion and bodily reaction |  |  | Exposure to harmful substance or environment | Transportation incidents |  | Fires and explosions | Violence and other injuries by persons or animals |  |  |  | All other events ${ }^{7}$ |
|  | Total | In lifting | Repetitive motion |  | Total | Roadway incidents |  | Total | Inten- <br> tional injury by other person | Injury by person--unintentional or intent unknown | Animal and insect related |  |
| Other tobacco product manufacturing .................... | 65.4 | - | - | - | - | - | - | - | - | - | - | - |
| Textile mills | 24.9 | 6.3 | 1.5 | 2.3 | - | - | - | - | - | - | - | 3.1 |
| Fiber, yarn, and thread mills ....................................... | 12.3 | 5.8 | - | - | - | _ | _ | - | - | - | - | 11.6 |
| Fiber, yarn, and thread mills .................................... | 12.3 | 5.8 | - | - | - | - | - | - | - | - | - | 11.6 |
| Yarn spinning mills ............................................ | 16.0 | 7.6 | - | - | - | - | - | - | - | - | - | - |
| Yarn texturizing, throwing, and twisting mills .......... | - | - | - | - | - | - | - | - | - | - | - | - |
| Fabric mills | 28.6 | 4.1 | - | 3.2 | - | - | - | - | - | - | - | - |
| Broadwoven fabric mills .......................................... | 14.9 | - | - | - | - | - | - | - | - | - | - | - |
| Narrow fabric mills and schiffli machine embroidery Narrow fabric mills | - | - | - | - | - | - | - | - | - | - | - | - |
| Nonwoven fabric mills ................................................................................. | 64.9 | - | - | - | - | - | - | - | - | - | - | - |
| Knit fabric mills .......... | 37.9 | - | - | - | - | - | - | - | - | - | _ | - |
| Other knit fabric and lace mills .............................. | 57.0 | - | - | - | - | - | - | - | - | - | - | - |
| Textile and fabric finishing and fabric coating mills ......... | 28.9 | 10.1 | - | - | - | - | - | - | - | - | - | - |
| Textile and fabric finishing mills ............................... | 16.3 | 6.8 | - | - | - | _ | - | - | - | - | - | - |
| Broadwoven fabric finishing mills $\qquad$ Textile and fabric finishing (except broadwoven | - | - | - | - | - | - | - | - | - | - | - | - |
| Textile and fabric finishing (except broadwoven fabric) mills $\qquad$ | 30.3 | - | - | - | - | - | - | - | - | - | - | - |
| Textile product mills ${ }^{10}$.................................................. | 37.3 | 9.0 | 10.3 | - | - | - | - | 3.3 | - | 1.8 | - | - |
| Textile furnishings mills ............................................. | 20.8 | 5.4 | 4.9 | - | - | - | - | - | - | - | - | - |
| Carpet and rug mills | 20.9 | 5.1 | 6.5 | - | - | - | - | - | - | - | - | - |
| Curtain and linen mills . | 20.6 | - | - | - | - | - | - | - | - | - | - | - |
| Curtain and drapery mills .................................... | 22.0 | - | - | - | - | - | - | - | - | - | - | - |
| Other household textile product mills ..................... | 19.6 | - | - | - | - | - | - | - | - | - | - | - |
| Other textile product mills ${ }^{10}$........................................ | 52.6 | 12.4 | 15.4 | - | - | - | - | 3.8 | - | - | - | - |
| Textile bag and canvas mills ................................... | 42.9 | 11.4 | 11.2 | - | - | - | - | - | - | - | - | - |
| Textile bag mills ............................................... | 32.2 | - | - | - | - | - | - | - | - | - | - | - |
| Canvas and related product mills ......................... | 48.2 | 13.2 | - | - | - | - | - | - | - | - | - | - |
| All other textile product mills ${ }^{10}$................................. | 59.7 | 13.1 | 18.5 | - | - | - | - | 6.6 | - | - | - | - |
| Tire cord and tire fabric mills | - | - | - | - | - | - | - | - | - | - | - | - |
| All other miscellaneous textile product mills ${ }^{10}$......... | 67.7 | 16.2 | 21.5 | - | - | - | - | 8.1 | - | - | - | - |
| Apparel manufacturing ${ }^{10}$................................................ | 29.2 | 5.6 | 11.9 | 1.2 | - | - | - | - | - | - | - | 4.0 |
| Apparel knitting mills ................................................. | 23.8 | - | - | - | - | - | - | - | - | - | - | - |
| Hosiery and sock mills .......................................... | 32.1 | - | - | - | - | - | - | - | - | - | - | - |
| Other hosiery and sock mills ............................... | 34.3 | - | - | - | - | - | - | - | - | - | - | - |
| Cut and sew apparel manufacturing 10 ........................ | 28.9 | 6.2 | 11.4 | 1.4 | - | - | - | - | - | - | - | - |
| Cut and sew apparel contractors ${ }^{10}$ | 6.6 | - | - | - | - | - | - | - | - | - | - | - |
| Men's and boys' cut and sew apparel contractors ${ }^{10}$ | 20.7 | 7.3 | 20.1 | - | - | - | - | - | - | - | - | - |
| Men's and boys' cut and sew apparel manufacturing .. Men's and boys' cut and sew work clothing | 38.4 | 7.3 | 20.1 | - | - | - | - | - | - | - | - | - |
| manufacturing | 61.7 | - | - | - | - | - | - | - | - | - | - | - |

See footnotes at end of table.

| Industry ${ }^{4}$ | NAICS code ${ }^{5}$ | Total cases | Event or exposure leading to injury or illness ${ }^{6}$ |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  | Contact with objects |  |  |  | Falls, slips, trips |  |  |  |
|  |  |  | Total | Struck by object | Struck against object | Caught in or compressed or crushed | Total | Fall to lower level | Fall on same level | Slips or trips without fall |
| Women's and girls' cut and sew other outerwear manufacturing $\qquad$ | 315239 | 44.7 | 22.0 | - | - | - | 14.2 | - | - | - |
| Apparel accessories and other apparel manufacturing .... | 3159 | 95.5 | 30.1 | 16.9 | - | 12.6 | 25.8 | - | 15.6 | - |
| Apparel accessories and other apparel manufacturing | 31599 | 95.5 | 30.1 | 16.9 | - | 12.6 | 25.8 | - | 15.6 | - |
| Hat, cap, and millinery manufacturing .................... | 315991 | 114.5 | - | - | - | - | - | - | - | - |
| Other apparel accessories and other apparel manufacturing $\qquad$ | 315999 | 96.5 | 36.1 | 27.1 | - | - | 44.5 | - | 24.4 | - |
| Leather and allied product manufacturing ......................... | 316 | 115.6 | 53.9 | 23.2 | 8.0 | 20.8 | 7.9 | - | 5.3 | - |
| Footwear manufacturing | 3162 | 101.2 | 32.7 | 13.0 | - | 11.5 | 11.6 | - | - | - |
| Footwear manufacturing | 31621 | 101.2 | 32.7 | 13.0 | - | 11.5 | 11.6 | - | - | - |
| Other leather and allied product manufacturing .............. | 3169 | 78.2 | 41.5 | - | - | 33.0 | - | - | - | - |
| Other leather and allied product manufacturing All other leather good and allied product | 31699 | 78.2 | 41.5 | - | - | 33.0 | - | - | - | - |
| manufacturing ................................................ | 316999 | 170.3 | 86.2 | - | - | 75.6 | - | - | - | - |
| Wood product manufacturing | 321 | 205.5 | 104.0 | 58.9 | 19.4 | 22.9 | 35.3 | 9.9 | 14.5 | 9.4 |
| Sawmills and wood preservation .................................. | 3211 | 207.9 | 91.3 | 48.2 | 11.0 | 29.8 | 48.1 | 17.1 | 24.9 | 2.8 |
| Sawmills and wood preservation ............................... | 32111 | 207.9 | 91.3 | 48.2 | 11.0 | 29.8 | 48.1 | 17.1 | 24.9 | 2.8 |
| Sawmills .......................................................... | 321113 | 210.5 | 94.5 | 49.8 | 9.5 | 32.7 | 49.7 | 18.7 | 25.2 | 2.1 |
| Wood preservation ............................................. | 321114 | 183.1 | 61.1 | 33.3 | 25.2 | - | 33.6 | - | 21.8 | - |
| Veneer, plywood, and engineered wood product manufacturing | 3212 | 170.7 | 92.9 | 49.5 | 17.1 | 23.0 | 13.8 | 4.6 | 6.4 | - |
| Veneer, plywood, and engineered wood product manufacturing | 32121 | 170.7 | 92.9 | 49.5 | 17.1 | 23.0 | 13.8 | 4.6 | 6.4 | - |
| Hardwood veneer and plywood manufacturing ........ | 321211 | 157.7 | 89.4 | 55.4 | - | 26.5 | 11.4 | - | - | - |
| Softwood veneer and plywood manufacturing Engineered wood member (except truss) | 321212 | 101.1 | 41.0 | 18.0 | 11.3 | - | 12.4 | - | - | - |
| manufacturing ................................................. | 321213 | 116.6 | 53.9 | - | - | - | - | - | - | - |
| Truss manufacturing .......................................... | 321214 | 295.0 | 153.7 | 90.4 | 31.4 | 25.7 | 20.0 | - | - | - |
| Reconstituted wood product manufacturing ............ | 321219 | 116.5 | 88.1 | 27.6 | 21.5 | 37.6 | - | - | - | - |
| Other wood product manufacturing | 3219 | 216.3 | 113.9 | 67.3 | 24.2 | 19.5 | 36.6 | 8.2 | 12.3 | 15.4 |
| Millwork | 32191 | 145.9 | 64.7 | 29.3 | 13.9 | 18.6 | 25.2 | 3.6 | 13.7 | 7.2 |
| Wood window and door manufacturing .................. | 321911 | 143.5 | 57.5 | 30.1 | 16.4 | 9.9 | 22.3 | - | 18.5 | - |
| Cut stock, resawing lumber, and planing ................ | 321912 | 226.7 | 139.7 | 47.4 | 24.3 | 65.1 | 18.8 | - |  | - |
| Other millwork (including flooring) ......................... | 321918 | 119.5 | 46.4 | 21.7 | 7.1 | 12.5 | 31.1 | 8.6 | 10.7 | 10.9 |
| Wood container and pallet manufacturing .................. | 32192 | 242.7 | 158.8 | 97.6 | 28.3 | 29.3 | 21.7 | - | 13.1 | 6.0 |
| All other wood product manufacturing ....................... | 32199 | 315.5 | 153.0 | 102.3 | 38.6 | 9.9 | 74.4 | 24.4 | 8.8 | 41.1 |
| Manufactured home (mobile home) manufacturing | 321991 | 422.2 | 165.1 | 153.0 | - | - | 159.8 | 46.5 | - | 103.8 |
| Prefabricated wood building manufacturing ............ | 321992 | 216.9 | 57.5 | 37.8 | - | - | 48.1 | 28.9 | 15.0 | - |
| All other miscellaneous wood product manufacturing $\qquad$ | 321999 | 270.5 | 198.8 | 91.7 | 91.4 | - | - | - | - | - |
| Paper manufacturing .................................................... | 322 | 82.1 | 33.7 | 10.6 | 5.6 | 16.8 | 13.7 | 4.0 | 6.8 | 2.6 |

[^7]

| Industry ${ }^{4}$ | NAICS code ${ }^{5}$ | Total cases | Event or exposure leading to injury or illness ${ }^{6}$ |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  | Contact with objects |  |  |  | Falls, slips, trips |  |  |  |
|  |  |  | Total | Struck by object | Struck against object | Caught in or compressed or crushed | Total | Fall to lower level | Fall on same level | Slips or trips without fall |
| Pulp, paper, and paperboard mills ............................... | 3221 | 69.2 | 24.1 | 10.0 | 4.1 | 9.6 | 15.0 | 3.5 | 7.7 | 3.1 |
| Pulp mills .............................................................. | 32211 | 75.6 | - | - | - | - | - | - | - | - |
| Paper mills | 32212 | 70.0 | 24.9 | 10.8 | 3.5 | 10.0 | 14.9 | 3.1 | 9.0 | 2.5 |
| Paper (except newsprint) mills ............................. | 322121 | 67.7 | 25.2 | 11.0 | 3.5 | 10.3 | 15.0 | 2.5 | 9.3 | 2.8 |
| Newsprint mills .................... | 322122 | 90.7 | 22.1 | - | - | - | - | - | - | - |
| Paperboard mills .................................................. | 32213 | 65.9 | 22.7 | 8.2 | 4.9 | 9.3 | 17.1 | - | 6.3 | 5.1 |
| Converted paper product manufacturing ....................... | 3222 | 87.4 | 37.6 | 10.9 | 6.2 | 19.6 | 13.1 | 4.3 | 6.5 | 2.4 |
| Paperboard container manufacturing ........................ | 32221 | 84.4 | 34.1 | 8.6 | 6.6 | 18.0 | 13.3 | 6.6 | 4.6 | 2.0 |
| Corrugated and solid fiber box manufacturing ......... | 322211 | 87.0 | 35.6 | 6.7 | 7.1 | 20.8 | 13.8 | 9.1 | 3.7 | - |
| Folding paperboard box manufacturing Fiber can, tube, drum, and similar products | 322212 | 108.3 | 33.6 | 19.6 | 5.4 | 8.6 | 16.0 | - | 10.9 | - |
| manufacturing ................................................. | 322214 | 59.0 | 41.2 | - | - | 30.3 | - | - | - | - |
| Nonfolding sanitary food container manufacturing ... | 322215 | 63.5 | 37.2 | - | - | 20.4 | - | - | - | - |
| Paper bag and coated and treated paper manufacturing | 32222 | 92.5 | 49.3 | 16.2 | 4.2 | 28.5 | 6.6 | - | 4.0 | - |
| Coated and laminated packaging paper manufacturing $\qquad$ | 322221 | 51.7 | 21.3 | - | - | 11.7 | 10.0 | - | - | - |
| Coated and laminated paper manufacturing ........... | 322222 | 87.8 | 37.5 | - | - | 28.4 | 7.0 | - | - | - |
| Coated paper bag and pouch manufacturing .......... | 322223 | 189.9 | 130.7 | - | - | 42.0 | - | - | - | - |
| Uncoated paper and multiwall bag manufacturing ... | 322224 | 109.3 | 78.2 | - | - | 49.8 | - | - | - | - |
| Laminated aluminum foil manufacturing for flexible packaging uses | 322225 | 210.7 | - | - | - | - | - | - | - | - |
| Stationery product manufacturing | 32223 | 83.1 | 25.6 | - | - | 16.6 | 19.5 | - | 17.2 | - |
| Envelope manufacturing | 322232 | 117.1 | 35.6 | - | - | 27.0 | 23.5 | - | 21.5 | - |
| Other converted paper product manufacturing ........... | 32229 | 92.2 | 39.2 | 14.1 | 8.7 | 15.0 | 17.7 | - | 10.3 | 4.6 |
| Sanitary paper product manufacturing ................... | 322291 | 73.2 | 26.6 | 8.1 | 7.3 | 11.0 | 18.1 | - | 12.6 | - |
| All other converted paper product manufacturing .... | 322299 | 127.4 | 62.5 | 25.3 | 11.3 | 22.4 | 16.8 | - | - | _ |
| Printing and related support activities .............................. | 323 | 77.0 | 26.6 | 7.6 | 4.7 | 13.3 | 11.5 | 1.3 | 8.7 | 1.4 |
| Printing and related support activities ........................... | 3231 | 77.0 | 26.6 | 7.6 | 4.7 | 13.3 | 11.5 | 1.3 | 8.7 | 1.4 |
| Printing ................................................................ | 32311 | 76.8 | 25.9 | 7.8 | 5.1 | 12.4 | 11.9 | 1.4 | 8.9 | 1.4 |
| Commercial lithographic printing ........................... | 323110 | 91.1 | 30.9 | 9.8 | 6.6 | 14.3 | 14.3 | 2.0 | 10.7 | 1.5 |
| Commercial flexographic printing .......................... | 323112 | 69.9 | 24.7 | - | - | 19.7 | 6.8 | - | - | - |
| Commercial screen printing ................................. | 323113 | 79.3 | 24.3 | 4.9 | 9.7 | 8.9 | 11.0 | - | 8.1 | - |
| Quick printing ................................................... | 323114 | 46.5 | 1 | - | - | 1 | 9.0 | - | 6.7 | - |
| Digital printing .. | 323115 | 42.0 | 21.5 | - | - | 13.8 | - | - | - | - |
| Manifold business forms printing ........................... | 323116 | 81.4 | 33.0 | - | - | 23.3 | 10.1 | - | 10.1 | - |
| Books printing .................................................. | 323117 | 78.0 | 22.6 | 11.0 | - | 9.8 | 14.2 | - | - | - |
| Blankbook, looseleaf binders, and devices manufacturing | 323118 | 123.9 | - | - | - | - | - | - | - | - |
| Other commercial printing ................................... | 323119 | 83.5 | 25.3 | 9.6 | 7.7 | 7.9 | 20.9 | - | 19.4 | - |
| Support activities for printing .................................. | 32312 | 80.5 | 36.1 | 5.9 | - | 26.3 | 6.4 | - | - | - |
| Tradebinding and related work ............................. | 323121 | 103.4 | 52.3 | 10.2 | - | 42.1 | 10.6 | - | - | - |
| Prepress services .............................................. | 323122 | 54.3 | 17.6 | - | - | - | - | - | - | - |


| Industry ${ }^{4}$ | Event or exposure leading to injury or illness ${ }^{6}$ |  |  |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Overexertion and bodily reaction |  |  | Exposure to harmful substance or environment | Transportation incidents |  | Fires and explosions | Violence and other injuries by persons or animals |  |  |  | All other events ${ }^{7}$ |
|  | Total | In lifting | Repetitive motion |  | Total | Roadway incidents |  | Total | Intentional injury by other person | Injury by person--unintentional or intent unknown | Animal and insect related |  |
| Pulp, paper, and paperboard | 20.3 | 2.1 | - | 6.5 | 22 | - | - | - | - | - | - | - |
| Pulp mills .................... | 20.3 | - | - | - | - | - | - | - | - | - | - | - |
| Paper mills .......................................................... | 23.0 | 2.7 | - | 4.9 | - | - | - | - | - | - | - | - |
| Paper (except newsprint) mills ............................. | 20.3 | 3.0 | - | 4.8 | - | - | - | - | - | - | - | - |
| Newsprint mills .................................................. | 47.8 | - | - | - | - | - | - | - | - | - | - | - |
| Paperboard mills ................................................... | 13.8 | - | - | 7.6 | - | - | - | - | - | - | - | - |
| Converted paper product manufacturing ....................... | 32.5 | 9.0 | 4.7 | 2.3 | 1.1 | - | - | 0.7 | - | - | - | - |
| Paperboard container manufacturing ........................ | 34.5 | 8.6 | 5.2 | 1.4 | - | - | - | - | - | - | - | - |
| Corrugated and solid fiber box manufacturing ......... | 35.7 | 8.6 | 5.4 | 1.8 | - | - | - | - | - | - | - | - |
| Folding paperboard box manufacturing Fiber can, tube, drum, and similar products | 54.5 | 15.0 | 9.0 | - | - | - | - | - | - | - | - | - |
| manufacturing .................................................. | - | - | - | - | - | - | - | - | - | - | - | - |
| Nonfolding sanitary food container manufacturing ... | - | - | - | - | - | - | - | - | - | - | - | - |
| Paper bag and coated and treated paper manufacturing | 30.3 | 12.0 | 3.7 | 2.6 | 2.6 | - | - | - | - | - | - | - |
| Coated and laminated packaging paper manufacturing $\qquad$ | 19.0 | - | - | , | - | - | _ | - | - | - | - | - |
| Coated and laminated paper manufacturing ........... | 31.8 | 8.7 | - | 6.2 | - | - | - | - | - | - | - | - |
| Coated paper bag and pouch manufacturing .......... | 54.1 | 54.1 | - | - | - | - | - | - | - | - | - | - |
| Uncoated paper and multiwall bag manufacturing ... | 28.8 | - | - | - | - | - | - | - | - | - | - | - |
| Laminated aluminum foil manufacturing for flexible packaging uses $\qquad$ | - | - | - | - | - | - | - | - | - | - | - | - |
| Stationery product manufacturing | 33.9 | 6.7 | - | - | - | - | - | - | - | - | - | - |
| Envelope manufacturing | 56.5 | - | - | - | - | - | - | - | - | - | - | - |
| Other converted paper product manufacturing ........... | 28.5 | 7.2 | 3.9 | 4.8 | - | - | - | - | - | - | - | - |
| Sanitary paper product manufacturing ................... | 20.9 | - | - | - | - | - | - | - | - | - | - | - |
| All other converted paper product manufacturing .... | 42.4 | 13.2 | - | - | - | - | - | - | - | - | - | - |
| Printing and related support activities .............................. | 32.1 | 10.8 | 5.1 | 2.6 | 2.5 | 2.0 | - | - | - | - | - | 1.5 |
| Printing and related support activities ........................... | 32.1 | 10.8 | 5.1 | 2.6 | 2.5 | 2.0 | - | - | - | - | - | 1.5 |
| Printing ................................................................ | 32.2 | 10.1 | 5.2 | 2.4 | 2.6 | 2.0 | - | _ | - | _ | - | 1.6 |
| Commercial lithographic printing ........................... | 38.5 | 8.7 | 5.8 | 2.4 | - | - | - | - | - | - | - | 4.0 |
| Commercial flexographic printing ......................... | 32.9 | 9.7 | 11.3 | - | - | - | - | - | - | - | - | - |
| Commercial screen printing ................................. | 35.8 | 7.0 | 8.1 | 5.9 | - | - | - | - | - | - | - | - |
| Quick printing ................................................... | 18.6 | 17.4 | - | - | 17.5 | 17.5 | - | - | - | - | - | - |
| Digital printing ................................................... | 14.4 | 11.0 | - | - | - | - | - | - | - | - | - | - |
| Manifold business forms printing ........................... | 38.3 | 14.1 | - | - | - | - | - | - | - | - | - | - |
| Books printing ................................................... | 33.9 | 7.4 | - | - | - | - | - | - | - | - | - | - |
| Blankbook, looseleaf binders, and devices manufacturing | 80.4 | - | - | - | - | - | - | - | - | - | - | - |
| Other commercial printing ................................... | 34.2 | 15.4 | - | - | - | - | - | - | - | - | - | - |
| Support activities for printing .................................. | 31.3 | 19.8 | - | 5.9 | - | - | - | - | - | - | - | - |
| Tradebinding and related work ............................. | 28.0 | 9.3 | - | 11.0 | - | - | - | - | - | - | - | - |
| Prepress services .............................................. | 35.1 | 31.8 | - | - | - | - | - | - | - | - | - | - |


| Industry ${ }^{4}$ | NAICS code ${ }^{5}$ | Total cases | Event or exposure leading to injury or illness ${ }^{6}$ |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  | Contact with objects |  |  |  | Falls, slips, trips |  |  |  |
|  |  |  | Total | Struck by object | Struck against object | Caught in or compressed or crushed | Total | Fall to lower level | Fall on same level | Slips or trips without fall |
| Petroleum and coal products manufacturing | 324 | 47.5 | 16.3 | 9.5 | 2.1 | 4.4 | 9.3 | 3.8 | 3.6 | 1.4 |
| Petroleum and coal products manufacturing .................. | 3241 | 47.5 | 16.3 | 9.5 | 2.1 | 4.4 | 9.3 | 3.8 | 3.6 | 1.4 |
| Petroleum refineries ............................................... | 32411 | 20.3 | 5.1 | 2.7 | - | - | 5.2 | 2.4 | - | - |
| Asphalt paving, roofing, and saturated materials manufacturing | 32412 | 107.6 | 47.8 | 26.1 | - | 17.1 | 10.4 | - | - | - |
| Asphalt paving mixture and block manufacturing ..... | 324121 | 137.7 | 60.2 | 35.1 | - | 25.2 | 12.8 | - | - | - |
| Other petroleum and coal products manufacturing ...... All other petroleum and coal products | 32419 | 80.2 | 19.2 | 15.4 | - | - | 27.1 | - | 12.4 | - |
| manufacturing .................................................. | 324199 | 109.4 | - | - | - | - | 49.3 | - | - | - |
| Chemical manufacturing ............................................... | 325 | 65.3 | 13.3 | 6.1 | 2.7 | 3.8 | 14.1 | 3.3 | 8.2 | 1.7 |
| Basic chemical manufacturing .................................... | 3251 | 49.0 | 7.6 | 3.8 | 1.7 | 1.3 | 13.7 | 1.5 | 9.5 | 2.6 |
| Petrochemical manufacturing ................................... | 32511 | 12.0 | - | - | - | - | - | - | - | - |
| Industrial gas manufacturing ................................... | 32512 | 42.8 | - | - | - | - | 37.1 | - | 22.0 | - |
| Other basic inorganic chemical manufacturing ........... | 32518 | 49.3 | 10.2 | 5.6 | 3.6 | - | 14.8 | - | 11.6 | - |
| All other basic inorganic chemical manufacturing .... | 325188 | 53.3 | 10.1 | - | - | - | 17.6 | - | 15.4 | - |
| Other basic organic chemical manufacturing .............. | 32519 | 71.0 | 11.7 | 4.9 | - | - | 10.3 | - | 7.1 | - |
| Ethyl alcohol manufacturing ................................. | 325193 | 30.1 | - | - | - | - | - | - | - | - |
| All other basic organic chemical manufacturing ....... | 325199 | 81.3 | 10.9 | 4.5 | - | - | 10.2 | - | 6.4 | - |
| Resin, synthetic rubber, and artificial and synthetic fibers and filaments manufacturing | 3252 | 89.5 | 19.6 | 7.2 | 5.0 | 6.5 | 11.8 | 3.6 | 5.4 | - |
| Resin and synthetic rubber manufacturing ................. | 32521 | 100.6 | 18.5 | 8.6 | 3.1 | 6.6 | 11.9 | 4.3 | 4.1 | - |
| Plastics material and resin manufacturing .............. | 325211 | 110.3 | 20.5 | 9.0 | - | 8.0 | 12.7 | 5.2 | - | _ |
| Synthetic rubber manufacturing ........................... | 325212 | 53.2 | - | - | - | - | - | - | - | - |
| Artificial and synthetic fibers and filaments manufacturing | 32522 | 60.4 | 22.4 | _ | 10.0 | 6.1 | 11.4 | - | 8.8 | - |
| Pesticide, fertilizer, and other agricultural chemical manufacturing | 3253 | 64.6 | 10.0 | 4.6 | - | - | 18.3 | 11.0 | 6.2 | - |
| Fertilizer manufacturing .......................................... | 32531 | 72.5 | - | - | - | - | 23.2 | 17.7 | - | - |
| Phosphatic fertilizer manufacturing | 325312 | 83.0 | - | - | - | - | - | - | - | - |
| Fertilizer (mixing only) manufacturing | 325314 | 126.7 | - | - | - | - | 50.5 | - | - | - |
| Pesticide and other agricultural chemical manufacturing | 32532 | 52.7 | 19.5 | - | - | - | 11.0 | - | - | - |
| Pharmaceutical and medicine manufacturing ................ | 3254 | 50.9 | 9.8 | 4.1 | 2.8 | 2.4 | 12.3 | 2.3 | 8.3 | 1.7 |
| Pharmaceutical and medicine manufacturing ............. | 32541 | 50.9 | 9.8 | 4.1 | 2.8 | 2.4 | 12.3 | 2.3 | 8.3 | 1.7 |
| Medicinal and botanical manufacturing .................. | 325411 | 58.9 | 11.3 | - | - |  | 13.8 | - | 11.6 | - |
| Pharmaceutical preparation manufacturing ............ | 325412 | 47.1 | 10.5 | 4.5 | 2.8 | 2.6 | 11.9 | 2.5 | 7.6 | 1.8 |
| In-vitro diagnostic substance manufacturing Biological product (except diagnostic) | 325413 | 80.5 | 7.0 | - | - | - | 11.7 | - | 9.5 | - |
| manufacturing | 325414 | 52.5 | - | - | - | - | 15.4 | - | 11.2 | - |
| Paint, coating, and adhesive manufacturing .................. | 3255 | 103.9 | 14.7 | 5.8 | - | 6.7 | 14.9 | 4.4 | 7.6 | - |
| Paint and coating manufacturing .............................. | 32551 | 83.4 | 16.8 | 8.5 | - | 5.5 | 6.4 | - | - | - |
| Adhesive manufacturing ......................................... | 32552 | 141.9 | 11.0 | - | - | - | 30.6 | 9.9 | 18.5 | - |

[^8]| Industry ${ }^{4}$ | Event or exposure leading to injury or illness ${ }^{6}$ |  |  |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Overexertion and bodily reaction |  |  | Expo- <br> sure to harmful substance or environment | Transportation incidents |  | Fires and explosions | Violence and other injuries by persons or animals |  |  |  | All other events ${ }^{7}$ |
|  | Total | In lifting | Repeti- tive motion |  | Total | Roadway incidents |  | Total | Intentional injury by other person | Injury by person--unintentional or intent unknown | Animal and insect related |  |
| Petroleum and coal products manufacturing | 13.7 | 3.7 | - | 5.6 | 1.7 | - | - | - | - | - | - | - |
| Petroleum and coal products manufacturing .................. | 13.7 | 3.7 | - | 5.6 | 1.7 | - | - | - | - | - | - | - |
| Petroleum refineries .............................................. | 6.3 | - | - | 2.5 | - | - | - | - | - | - | - | - |
| Asphalt paving, roofing, and saturated materials manufacturing | 28.3 | 7.0 | - | 13.5 | 7.5 | - | - | - | - | - | - | - |
| Asphalt paving mixture and block manufacturing ..... | 37.6 | 12.7 | - | 22.4 | - | - | - | - | - | - | _ | - |
| Other petroleum and coal products manufacturing ...... All other petroleum and coal products | 25.5 | - | - | - | - | - | - | - | - | - | - | - |
| manufacturing | 29.2 | - | - | - | - | - | - | - | - | - | - | - |
| Chemical manufacturing ............................................... | 25.0 | 8.1 | 4.2 | 10.7 | 1.4 | 0.8 | - | - | - | - | - | 0.5 |
| Basic chemical manufacturing .................................... | 18.2 | 6.7 | 1.3 | 8.1 | - | - | - | - | - | - | - | - |
| Petrochemical manufacturing .................................. | - | - | - | - | - | - | - | - | - | - | - | - |
| Industrial gas manufacturing ................................... | - | - | - | - | - | - | - | - | - | - | - | - |
| Other basic inorganic chemical manufacturing ........... | 15.7 | 8.1 | - | 4.7 | - | - | - | - | - | - | - | - |
| All other basic inorganic chemical manufacturing .... | 16.9 | 7.8 | - | - | - | - | - | - | - | - | - | - |
| Other basic organic chemical manufacturing .............. | 30.3 | 11.0 | - | 17.6 | - | - | - | - | - | - | - | - |
| Ethyl alcohol manufacturing ................................. | - | $-$ | - | - | - | - | - | - | - | - | - | - |
| All other basic organic chemical manufacturing ....... | 34.9 | 11.4 | - | 23.8 | - | - | - | - | - | - | - | - |
| Resin, synthetic rubber, and artificial and synthetic fibers and filaments manufacturing | 36.3 | 9.2 | 4.4 | 20.6 | - | - | - | - | - | - | - | - |
| Resin and synthetic rubber manufacturing ................. | 42.3 | 11.3 | 4.4 | 26.5 | - | - | - | - | - | - | - | - |
| Plastics material and resin manufacturing .............. | 44.9 | 11.7 | 4.4 | 30.7 | - | - | - | - | - | - | - | - |
| Synthetic rubber manufacturing ........................... | 29.3 | - | - | - | - | - | - | - | - | - | - | - |
| Artificial and synthetic fibers and filaments manufacturing $\qquad$ | 20.4 | - | - | - | - | - | - | - | - | - | - | - |
| Pesticide, fertilizer, and other agricultural chemical manufacturing | 18.6 | 7.4 | - | 13.4 | - | - | - | - | - | - | - | - |
| Fertilizer manufacturing .......................................... | 21.6 | 12.2 | - | 16.9 | - | - | - | - | - | - | - | - |
| Phosphatic fertilizer manufacturing ....................... | - | - | - | 46.1 | - | - | - | - | - | - | - | - |
| Fertilizer (mixing only) manufacturing | 50.4 | - | - | - | - | - | - | - | - | - | - | - |
| Pesticide and other agricultural chemical manufacturing | 14.0 | - | - | - | - | - | - | - | - | - | - | - |
| Pharmaceutical and medicine manufacturing ................ | 21.2 | 7.0 | 4.3 | 6.1 | 1.1 | . 5 | - | - | - | - | - | - |
| Pharmaceutical and medicine manufacturing ............. | 21.2 | 7.0 | 4.3 | 6.1 | 1.1 | . 5 | - | - | - | - | - | - |
| Medicinal and botanical manufacturing .................. | 16.9 | - | - | 16.1 | - | - | - | - | - | - | - | - |
| Pharmaceutical preparation manufacturing ............ | 19.1 | 5.7 | 3.2 | 4.3 | . 9 | - | - | - | - | - | - | - |
| In-vitro diagnostic substance manufacturing Biological product (except diagnostic) | 49.3 | 16.1 | 20.4 | 10.9 | - | - | - | - | - | - | - | - |
| manufacturing ................................................. | 19.5 | 10.4 | - | 9.6 | - | - | - | - | - | - | - | - |
| Paint, coating, and adhesive manufacturing .................. | 46.7 | 16.5 | 3.2 | 25.2 | - | - | - | - | _ | _ | - | _ |
| Paint and coating manufacturing .............................. | 22.3 | 9.4 | - | 36.8 | - | - | - | - | - | - | - | - |
| Adhesive manufacturing ........................................ | 91.7 | 29.8 | - | - | - | - | - | - | - | - | - | - |


| Industry ${ }^{4}$ | NAICS code5 | Total cases | Event or exposure leading to injury or illness ${ }^{6}$ |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  | Contact with objects |  |  |  | Falls, slips, trips |  |  |  |
|  |  |  | Total | Struck by object | Struck against object | Caught in or compressed or crushed | Total | Fall to lower level | Fall on same level | Slips or trips without fall |
| Soap, cleaning compound, and toilet preparation manufacturing | 3256 | 64.2 | 17.6 | 10.2 | 2.3 | 4.2 | 15.9 | 3.1 | 8.7 | - |
| Soap and cleaning compound manufacturing .. | 32561 | 65.9 | 16.8 | 12.9 | 2.3 | 2.9 | 16.6 | 5.5 | 3.6 | _ |
| Soap and other detergent manufacturing .. | 325611 | 50.4 | 11.8 | 10.5 | - | - | 8.5 | - | - | - |
| Polish and other sanitation good manufacturing ...... | 325612 | 71.6 | 17.2 | 10.4 | - | - | 23.5 | - | - | - |
| Surface active agent manufacturing ....................... | 325613 | 128.2 | 44.2 | 37.8 | - | - | - | - | - | - |
| Toilet preparation manufacturing ............................. | 32562 | 62.2 | 18.4 | 7.0 | 4.0 | 5.7 | 15.2 | - | 14.7 | - |
| Other chemical product and preparation manufacturing .. | 3259 | 94.0 | 24.7 | 12.2 | 3.7 | 8.1 | 19.0 | 6.3 | 9.0 | 2.6 |
| Printing ink manufacturing ....................................... | 32591 | 108.5 | 67.1 | - | - | 49.4 | - | - | - | - |
| All other chemical product and preparation manufacturing | 32599 | 88.2 | 17.4 | 11.1 | 2.4 | 3.1 | 22.2 | 7.4 | 10.3 | 3.2 |
| Custom compounding of purchased resins ............. | 325991 | 119.5 | 51.5 | 37.7 | - | - | 12.5 | - | - | - |
| Photographic film, paper, plate, and chemical manufacturing <br> All other miscellaneous chemical product and preparation manufacturing | 325992 325998 | 110.0 64.4 | 11.2 4.4 | - | - | - | 32.1 | 12.6 | 15.1 | - |
| Plastics and rubber products manufacturing ${ }^{10} . . . . . . . . . . . . . . . . .$. | 326 | 127.6 | 54.9 | 26.8 | 10.8 | 15.6 | 19.3 | 2.3 | 13.0 | 3.3 |
| Plastics product manufacturing ${ }^{10}$................................. | 3261 | 121.7 | 52.2 | 25.6 | 10.0 | 14.6 | 20.7 | 2.6 | 14.2 | 3.2 |
| Plastics packaging materials and unlaminated film and sheet manufacturing | 32611 | 97.5 | 51.2 | 23.7 | 2.6 | 23.8 | 14.4 | 2.3 | 9.8 | 1.9 |
| Plastics bag and pouch manufacturing .................. | 326111 | 74.2 | 43.7 | 17.0 | - | 24.7 | 8.9 | - | 6.6 | - |
| Plastics packaging film and sheet (including laminated) manufacturing | 326112 | 117.3 | 46.4 | 24.3 | - | 19.1 | 19.7 | - | 13.0 | - |
| Unlaminated plastics film and sheet (except packaging) manufacturing | 326113 | 109.9 | 58.9 | 29.0 | 4.7 | 24.6 | 17.1 | 4.0 | 11.3 | - |
| Plastics pipe, pipe fitting, and unlaminated profile shape manufacturing | 32612 | 167.1 | 75.9 | 30.5 | 14.3 | 27.0 | 26.4 | - | 17.5 | 5.6 |
| Unlaminated plastics profile shape manufacturing ... | 326121 | 150.3 | 57.9 | 23.4 | 18.2 | 11.9 | 17.0 | - | 11.0 | - |
| Plastics pipe and pipe fitting manufacturing ............ | 326122 | 180.8 | 90.4 | 36.2 | 11.2 | 39.3 | 33.9 | - | 22.8 | 6.4 |
| Laminated plastics plate, sheet (except packaging), and shape manufacturing | 32613 | 82.6 | 37.1 | 15.2 | - | 13.9 | 15.0 | - | 13.1 | - |
| Polystyrene foam product manufacturing ................... | 32614 | 116.8 | 43.8 | 25.6 | 9.4 | 8.8 | 25.0 | - | 19.8 | - |
| Urethane and other foam product (except polystyrene) manufacturing $\qquad$ | 32615 | 145.7 | 50.1 | 24.9 | 11.0 | 9.6 | 16.9 | _ | 11.6 | - |
| Plastics bottle manufacturing .............. | 32616 | 84.3 | 31.9 | 11.9 | 4.7 | 14.2 | 13.2 | - | 9.8 | - |
| Other plastics product manufacturing ${ }^{10}$ | 32619 | 125.2 | 52.4 | 27.7 | 12.3 | 10.6 | 22.9 | 3.1 | 15.3 | 3.8 |
| All other plastics product manufacturing ${ }^{10}$.............. | 326199 | 128.8 | 53.3 | 29.0 | 11.4 | 11.1 | 23.5 | 3.3 | 15.3 | 4.1 |
| Rubber product manufacturing ${ }^{10}$..................... | 3262 | 150.7 | 65.7 | 31.4 | 14.0 | 19.4 | 13.7 | 1.3 | 8.5 | 3.9 |
| Tire manufacturing ................................................ | 32621 | 148.1 | 57.7 | 34.6 | 6.9 | 16.1 | 17.8 | - | 9.6 | 6.1 |
| Tire manufacturing (except retreading) .................. | 326211 | 150.0 | 51.3 | 26.8 | 7.1 | 17.4 | 20.2 | - | 10.7 | 7.1 |
| Tire retreading .................................. | 326212 | 135.8 | 98.5 | 84.9 | - | - | - | - | - | - |
| Rubber and plastics hoses and belting manufacturing | 32622 | 168.0 | 64.6 | 15.6 | 19.8 | 28.5 | - | - | - | - |
| Other rubber product manufacturing ${ }^{10}$....................... | 32629 | 145.8 | 74.4 | 35.2 | 18.6 | 18.7 | 13.3 | - | 8.9 | 3.3 |


| Industry ${ }^{4}$ | Event or exposure leading to injury or illness ${ }^{6}$ |  |  |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Overexertion and bodily reaction |  |  | Expo- <br> sure to harmful substance or environment | Transportation incidents |  | Fires and explosions | Violence and other injuries by persons or animals |  |  |  | All other events ${ }^{7}$ |
|  | Total | In lifting | Repetitive motion |  | Total | Roadway incidents |  | Total | Intentional injury by other person | Injury by person--unintentional or intent unknown | Animal and insect related |  |
| Soap, cleaning compound, and toilet preparation manufacturing | 18.9 | 7.1 | 2.9 | 8.5 | - | - | - | - | - | - | - | - |
| Soap and cleaning compound manufacturing ............. | 20.1 | 7.2 | - | 7.3 | - | - | - | _ | _ | - | _ | _ |
| Soap and other detergent manufacturing ............... | 15.0 | 11.1 | - | 6.6 | - | - | - | - | - | - | - | - |
| Polish and other sanitation good manufacturing ...... | 21.1 | - | - | 8.0 | - | - | - | - | - | - | - | - |
| Surface active agent manufacturing | 44.1 | - | - | - | - | - | - | - | - | - | - | - |
| Toilet preparation manufacturing ............................. | 17.6 | 6.9 | 3.5 | 10.0 | - | - | - | - | - | - | - | - |
| Other chemical product and preparation manufacturing .. | 34.1 | 9.2 | 12.1 | 11.9 | 3.6 | - | - | - | - | - | - | - |
| Printing ink manufacturing | 29.4 | - | - | - | - | - | - | - | - | - | - | - |
| All other chemical product and preparation manufacturing | 36.3 | 9.2 | 12.1 | 6.9 | 4.5 | - | - | - | - | - | - | - |
| Custom compounding of purchased resins ............. | 39.3 | 12.7 | - | 12.7 | - | - | - | - | - | - | - | - |
| Photographic film, paper, plate, and chemical manufacturing $\qquad$ | 73.5 | - | 37.7 | - | - | - | - | - | - | - | - | - |
| All other miscellaneous chemical product and preparation manufacturing | 18.9 | 8.8 | - | 6.4 | - | - | - | - | - | - | - | - |
| Plastics and rubber products manufacturing ${ }^{10}$................... | 43.8 | 11.5 | 7.9 | 6.4 | 1.3 | - | 0.5 | 0.3 | - | - | - | 1.1 |
| Plastics product manufacturing ${ }^{10}$ | 38.5 | 10.4 | 7.0 | 6.9 | 1.4 | - | . 6 | - | - | - | - | 1.2 |
| Plastics packaging materials and unlaminated film and sheet manufacturing | 25.8 | 5.7 | 2.7 | 3.9 | - | - | - | - | - | - | - | - |
| Plastics bag and pouch manufacturing | 17.4 | - | - | - | - | - | - | - | - | - | - | - |
| Plastics packaging film and sheet (including laminated) manufacturing $\qquad$ | 44.3 | 14.3 | - | - | - | - | - | - | - | - | - | - |
| Unlaminated plastics film and sheet (except packaging) manufacturing | 26.6 | 4.5 | - | 4.6 | - | - | - | - | - | - | - | - |
| Plastics pipe, pipe fitting, and unlaminated profile shape manufacturing | 54.8 | 11.6 | - | 6.4 | - | - | - | - | - | - | - | - |
| Unlaminated plastics profile shape manufacturing ... | 60.0 | 13.7 | - | 8.8 | - | _ | - | - | - | - | - | - |
|  | 50.6 | 9.8 | - | - | - | - | - | - | - | - | - | - |
| Laminated plastics plate, sheet (except packaging), and shape manufacturing | 22.8 | - | - | - | - | - | _ | _ | _ | _ | _ | - |
| Polystyrene foam product manufacturing ................... | 30.0 | 12.8 | - | 6.3 | - | - | - | - | - | - | - | 10.3 |
| Urethane and other foam product (except polystyrene) manufacturing | 65.2 | 24.6 | 14.9 | 10.4 | - | - | - | - | - | - | - | - |
| Plastics bottle manufacturing .................................. | 31.9 | 14.2 | - | - | - | - | - | - | - | - | - | - |
| Other plastics product manufacturing ${ }^{10}$..................... | 38.9 | 9.6 | 9.5 | 8.1 | . 9 | - | - | - | - | - | - | . 7 |
| All other plastics product manufacturing ${ }^{10}$.............. | 39.8 | 9.6 | 10.1 | 9.0 | . 9 | - | - | - | - | - | - | . 8 |
| Rubber product manufacturing ${ }^{10}$.................................. | 64.4 | 16.0 | 11.6 | 4.5 | 1.3 | - | - | - | - | - | - | - |
| Tire manufacturing ................................................ | 66.8 | 17.0 | 9.5 | - | 3.0 | - | - | - | - | - | - | - |
| Tire manufacturing (except retreading) .................. | 73.6 | 17.7 | 11.0 | - | - | - | - | - | - | - | - | - |
| Tire retreading ................................................... | 22.9 |  | 5 | - | - | - | - | - | - | - | - | - |
| Rubber and plastics hoses and belting manufacturing | 95.9 | 33.3 | 25.5 | 8 | - | - | - | - | - | - | - | - |
| Other rubber product manufacturing ${ }^{10}$....................... | 47.9 | 7.3 | 7.5 | 8.6 | - | - | - | - | - | - | - | - |


| Industry ${ }^{4}$ | NAICS code ${ }^{5}$ | Total cases | Event or exposure leading to injury or illness ${ }^{6}$ |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  | Contact with objects |  |  |  | Falls, slips, trips |  |  |  |
|  |  |  | Total | Struck by object | Struck against object | Caught in or compressed or crushed | Total | Fall to lower level | Fall on same level | Slips or trips without fall |
| Rubber product manufacturing for mechanical use | 326291 | 177.2 | 80.8 | 46.8 | - | 28.9 | 19.1 | - | 13.2 | - |
| All other rubber product manufacturing ${ }^{10}$................ | 326299 | 108.7 | 66.8 | 21.5 | 37.9 | 6.6 | 6.5 | - | - | - |
| Nonmetallic mineral product manufacturing ...................... | 327 | 147.7 | 47.4 | 24.6 | 8.7 | 9.5 | 42.6 | 18.4 | 14.5 | 5.3 |
| Clay product and refractory manufacturing .................... | 3271 | 135.2 | 44.3 | 16.8 | 6.6 | 17.1 | 15.7 | 3.9 | 7.7 | 4.1 |
| Pottery, ceramics, and plumbing fixture manufacturing | 32711 | 178.3 | 43.8 | 21.3 | - | 13.1 | 25.5 | 9.8 | 7.7 | - |
| Vitreous china plumbing fixture and china and earthenware bathroom accessories manufacturing | 327111 | 87.0 | - | - | - | - | - | - | - | - |
| product manufacturing | 327112 | 235.4 | 65.9 | 46.3 | - | - | 24.8 | - | - | - |
| Porcelain electrical supply manufacturing ............... | 327113 | 180.8 | 45.5 | - | - | 35.7 | 41.2 | - | - | - |
| Clay building material and refractories manufacturing | 32712 | 106.1 | 44.7 | 13.8 | 6.5 | 19.8 | 9.1 | - | 7.9 | - |
| Brick and structural clay tile manufacturing ............. | 327121 | 98.4 | 40.6 | 24.5 | - | - | - | - | - | - |
| Ceramic wall and floor tile manufacturing ............... | 327122 | 188.9 | 54.4 | - | - | - | - | - | - | - |
| Clay refractory manufacturing .............................. | 327124 | 82.6 | 52.9 | - | - | - | - | - | - | - |
| Nonclay refractory manufacturing | 327125 | 83.2 | 43.7 | - | - | - | - | - | - | - |
| Glass and glass product manufacturing ........................ | 3272 | 118.9 | 47.9 | 18.4 | 14.2 | 7.3 | 19.9 | 2.5 | 13.9 | 3.3 |
| Glass and glass product manufacturing .................... | 32721 | 118.9 | 47.9 | 18.4 | 14.2 | 7.3 | 19.9 | 2.5 | 13.9 | 3.3 |
| Other pressed and blown glass and glassware manufacturing $\qquad$ | 327212 | 95.8 | 34.2 | 11.5 | 11.9 | - | 14.0 | - | 11.0 | - |
| Glass container manufacturing ............................. | 327213 | 73.7 | 23.7 | - | - | - | 17.5 | - | - | - |
| Glass product manufacturing made of purchased glass | 327215 | 157.9 | 70.7 | 27.4 | 20.5 | 7.7 | 25.8 | - | 20.1 | - |
| Cement and concrete product manufacturing ................ | 3273 | 174.4 | 51.6 | 31.0 | 9.8 | 7.5 | 68.2 | 32.5 | 18.7 | 8.7 |
| Ready-mix concrete manufacturing .......................... | 32732 | 208.9 | 48.3 | 29.6 | 9.0 | 3.5 | 95.9 | 44.2 | 20.3 | 16.5 |
| Concrete pipe, brick, and block manufacturing ........... | 32733 | 137.8 | 60.5 | 46.2 | - | 8.2 | 26.6 | 8.2 | 10.7 | - |
| Concrete block and brick manufacturing ................. | 327331 | 174.0 | 83.5 | 64.1 | - | 12.2 | 36.0 | 11.1 | 15.9 | - |
| Concrete pipe manufacturing ............................... | 327332 | 63.2 | - | - | - | - | - | - | - | - |
| Other concrete product manufacturing ...................... | 32739 | 185.1 | 68.1 | 35.1 | 16.0 | 16.5 | 61.7 | 34.4 | 25.7 | - |
| Lime and gypsum product manufacturing ...................... | 3274 | 97.3 | 66.9 | 59.3 | - | - | 18.5 | 14.5 | - | - |
| Gypsum product manufacturing ............................... | 32742 | 116.9 | 84.8 | 75.2 | - | - | 21.6 | 18.4 | 11 | - |
| Other nonmetallic mineral product manufacturing .......... | 3279 | 133.6 | 34.4 | 13.9 | - | 14.3 | 27.4 | 12.0 | 11.1 | - |
| Abrasive product manufacturing .............................. | 32791 | 234.7 | 40.3 | 1 | - | 15 | 9 | 11 | - | - |
| All other nonmetallic mineral product manufacturing ... | 32799 | 115.8 | 33.4 | 14.3 | - | 15.3 | 29.4 | 11.8 | 12.8 | - |
| Cut stone and stone product manufacturing ........... | 327991 | 95.5 | 35.4 | - | - | 32.8 | 13.8 | - | - | - |
| Ground or treated mineral and earth manufacturing | 327992 | 95.8 | - | - | - | - | - | - | - | - |
| Mineral wool manufacturing ................................. | 327993 | 132.2 | 39.0 | 24.0 | - | - | 37.2 | - | 36.2 | - |
| Primary metal manufacturing ......................................... | 331 | 154.5 | 63.0 | 33.8 | 7.0 | 17.2 | 20.9 | 5.3 | 9.8 | 4.6 |
| Iron and steel mills and ferroalloy manufacturing ............ | 3311 | 76.8 | 29.0 | 13.5 | 4.2 | 7.1 | 16.2 | 4.8 | 9.3 | 1.6 |
| Iron and steel mills and ferroalloy manufacturing | 33111 | 76.8 | 29.0 | 13.5 | 4.2 | 7.1 | 16.2 | 4.8 | 9.3 | 1.6 |
| Iron and steel mills | 331111 | 73.8 | 27.1 | 12.4 | 3.8 | 6.7 | 16.7 | 4.9 | 9.6 | 1.6 |
| Electrometallurgical ferroalloy product manufacturing | 331112 | 186.8 | 97.8 | - | - | - | - | - | - | - |

[^9]| Industry ${ }^{4}$ | Event or exposure leading to injury or illness ${ }^{6}$ |  |  |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Overexertion and bodily reaction |  |  | Expo- <br> sure to harmful substance or environment | Transportation incidents |  | Fires and explosions | Violence and other injuries by persons or animals |  |  |  | All other events ${ }^{7}$ |
|  | Total | In lifting | Repetitive motion |  | Total | Roadway incidents |  | Total | Intentional injury by other person | Injury by person--unintentional or intent unknown | Animal and insect related |  |
| Rubber product manufacturing for mechanical use All other rubber product manufacturing ${ }^{10}$................. | $\begin{aligned} & 66.7 \\ & 25.7 \end{aligned}$ | 8.4 | 11.7 - | 10.6 | - | - | - | - | - | - | - | - |
| Nonmetallic mineral product manufacturing | 42.4 | 13.0 | 3.4 | 5.2 | 8.2 | 3.0 | - | 0.5 | - | 0.5 | - | 1.0 |
| Clay product and refractory manufacturing .................... | 63.6 | 17.3 | 9.2 | 10.1 | - | - | - | - | - | - | - | - |
| Pottery, ceramics, and plumbing fixture manufacturing | 107.0 | 29.3 | 19.9 | - | - | - | - | - | - | - | - | - |
| Vitreous china plumbing fixture and china and earthenware bathroom accessories manufacturing | 76.3 | - | - | - | - | - | - | - | - | - | - | - |
| Vitreous china, fine earthenware, and other pottery product manufacturing $\qquad$ | 144.7 | 32.5 | - | - | - | - | - | - | - | - | - | - |
| Porcelain electrical supply manufacturing ............... | 88.5 | 26.5 | - | - | - | - | - | - | - | - | - | - |
| Clay building material and refractories manufacturing | 34.3 | 9.3 | - | 17.0 | - | - | - | - | - | - | - | - |
| Brick and structural clay tile manufacturing ............. | 40.1 | - | - | - | - | - | - | - | - | - | - | - |
| Ceramic wall and floor tile manufacturing ............... | 34.3 | - | - | 82.4 | - | - | - | - | - | - | - | - |
| Clay refractory manufacturing .............................. | - | - | - | - | - | - | - | - | - | - | - | - |
| Nonclay refractory manufacturing ......................... | - | - | - | - | - | - | - | - | - | - | - | - |
| Glass and glass product manufacturing ........................ | 42.8 | 10.6 | 5.3 | 4.2 | - | - | - | - | - | - | - | 1.9 |
| Glass and glass product manufacturing .................... | 42.8 | 10.6 | 5.3 | 4.2 | - | - | - | - | - | - | - | 1.9 |
| Other pressed and blown glass and glassware manufacturing | 36.9 | - | - | - | - | - | - | - | - | - | - | - |
| Glass container manufacturing ............................ | 23.4 | 9.3 | - | - | - | - | - | - | - | - | - | - |
| Glass product manufacturing made of purchased glass | 53.2 | 14.0 | 5.7 | - | - | - | - | - | - | - | - | - |
| Cement and concrete product manufacturing ................ | 36.0 | 12.1 | - | 3.1 | 14.9 | 4.4 | - | - | - | - | - | - |
| Ready-mix concrete manufacturing ......................... | 33.8 | 8.5 | - | 2.7 | 28.2 | 6.8 | - | - | - | - | - | - |
| Concrete pipe, brick, and block manufacturing ........... | 42.7 | 6.4 | - | - | - | - | - | - | - | - | - | - |
| Concrete block and brick manufacturing ................ | 46.9 | - | - | - | - | - | - | - | - | - | - | - |
| Concrete pipe manufacturing ............................... | - | - | - | - | - | - | - | - | - | - | - | - |
| Other concrete product manufacturing ....................... | 46.8 | 25.1 | - | 3.9 | 3.7 | 3.7 | - | - | - | - | - | - |
| Lime and gypsum product manufacturing | - | - | - | - | - | - | - | - | - | - | - | - |
| Gypsum product manufacturing | 52. | 17.5 | 5 | 8 | 6. | 5. | - | - | - | - | - | 2 |
| Other nonmetallic mineral product manufacturing .......... | 52.4 | 17.5 | 5.3 | 8.9 | 6.6 | 5.6 | - | - | - | - | - | 2.4 |
| Abrasive product manufacturing ............................... | 171.6 | 19.0 | 18.9 | - | - | - | - | - | - | - | - | - |
| All other nonmetallic mineral product manufacturing ... | 31.5 | 17.2 | 2.9 | 9.4 | 7.8 | 6.6 | - | - | - | - | - | - |
| Cut stone and stone product manufacturing ........... | 38.1 | 28.2 |  | - | - |  | - | _ | _ | _ | - | - |
| Ground or treated mineral and earth manufacturing | - | - | - | 63.4 | - | - | - | - | - | - | - | - |
| Mineral wool manufacturing | 44.8 | 13.6 | - | - | - | - | - | - | - | - | - | - |
| Primary metal manufacturing ......................................... | 52.9 | 14.8 | 5.7 | 14.4 | 1.3 | - | 1.4 | - | - | - | - | - |
| Iron and steel mills and ferroalloy manufacturing | 23.9 | 5.2 | 1.7 | 4.9 | - | - | - | - | - | - | - | - |
| Iron and steel mills and ferroalloy manufacturing ........ | 23.9 | 5.2 | 1.7 | 4.9 | - | - | - | - | - | - | - | - |
| Iron and steel mills $\qquad$ Electrometallurgical ferroalloy product | 23.9 | 5.3 | 1.7 | 4.5 | - | - | - | - | - | - | - | - |
| manufacturing | - | - | - | - | - | - | - | - | - | - | - | - |


| Industry ${ }^{4}$ | NAICS code ${ }^{5}$ | Total cases | Event or exposure leading to injury or illness ${ }^{6}$ |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  | Contact with objects |  |  |  | Falls, slips, trips |  |  |  |
|  |  |  | Total | Struck by object | Struck against object | Caught in or compressed or crushed | Total | Fall to lower level | Fall on same level | Slips or trips without fall |
| Steel product manufacturing from purchased steel | 3312 | 163.0 | 83.5 | 52.8 | 9.2 | 17.2 | 28.0 | 10.8 | 11.5 | 5.1 |
| Iron and steel pipe and tube manufacturing from purchased steel | 33121 | 153.1 | 74.6 | 39.3 | 9.0 | 17.1 | 33.1 | 16.2 | 12.8 | - |
| Rolling and drawing of purchased steel ..................... | 33122 | 170.7 | 90.5 | 63.4 | 9.3 | 17.2 | 23.9 | 6.6 | 10.5 | 5.9 |
| Rolled steel shape manufacturing. | 331221 | 205.3 | 114.7 | 83.8 | 12.9 | 17.3 | 33.8 | 9.4 | 15.0 | 8.4 |
| Steel wire drawing ............................................. | 331222 | 91.4 | 35.0 | 16.8 | - | 17.0 | - | - | - | - |
| Alumina and aluminum production and processing ........ | 3313 | 127.0 | 48.1 | 30.8 | 5.6 | 11.8 | 21.5 | 5.9 | 9.1 | 2.4 |
| Alumina and aluminum production and processing .... | 33131 | 127.0 | 48.1 | 30.8 | 5.6 | 11.8 | 21.5 | 5.9 | 9.1 | 2.4 |
| Primary aluminum production .............................. | 331312 | 166.5 | 33.8 | 23.5 | - | - | 55.3 | 24.5 | - | - |
| Secondary smelting and alloying of aluminum ........ | 331314 | 304.3 | 123.9 | 123.9 | - | - | - | - | - | - |
| Aluminum sheet, plate, and foil manufacturing ........ | 331315 | 61.8 | 16.7 | 11.6 | - | - | - | - | - | - |
| Aluminum extruded product manufacturing ............ | 331316 | 116.8 | 62.2 | 32.7 | 10.5 | 19.1 | 18.9 | - | 10.7 | - |
| Other aluminum rolling and drawing ...................... | 331319 | 130.9 | 45.1 | - | - | - | - | - | - | - |
| Nonferrous metal (except aluminum) production and processing | 3314 | 142.3 | 52.5 | 24.5 | 6.4 | 18.5 | 17.4 | 2.9 | 9.9 | 4.6 |
| Nonferrous metal (except aluminum) smelting and refining $\qquad$ | 33141 | 45.0 | - | - | - | - | - | - | - | - |
| Primary smelting and refining of nonferrous metal (except copper and aluminum) | 331419 | 39.1 | - | - | - | - | $-$ | - | - | - |
| Copper rolling, drawing, extruding, and alloying .......... | 33142 | 159.2 | 50.3 | 20.9 | - | 24.3 | 25.9 | - | 12.7 | 8.2 |
| Copper rolling, drawing, and extruding .................. | 331421 | 223.0 | 70.4 | 23.8 | - | 37.5 | 43.5 | - | 19.3 | 14.5 |
| Nonferrous metal (except copper and aluminum) rolling, drawing, extruding, and alloying | 33149 | 162.7 | 70.5 | 36.3 | 10.2 | 17.4 | 11.0 | - | 8.1 | - |
| Nonferrous metal (except copper and aluminum) rolling, drawing, and extruding | 331491 | 169.4 | 64.9 | 36.5 | 11.2 | 16.3 | 15.5 | - | 10.5 | - |
| Foundries ................................................................ | 3315 | 225.4 | 90.0 | 45.3 | 9.1 | 26.5 | 22.3 | 4.0 | 9.7 | 7.7 |
| Ferrous metal foundries | 33151 | 251.7 | 102.5 | 48.9 | 9.4 | 33.6 | 24.1 | 3.0 | 10.1 | 10.0 |
| Iron foundries ....... | 331511 | 220.5 | 98.1 | 46.3 | 8.2 | 28.7 | 17.6 | 4.2 | 10.1 | - |
| Steel investment foundries | 331512 | 167.3 | 44.7 | 21.7 | - | , | 21.3 | - | 18.6 | - |
| Nonferrous metal foundries | 33152 | 185.9 | 71.3 | 39.9 | 8.8 | 16.0 | 19.5 | 5.6 | 9.0 | 4.2 |
| Aluminum die-casting foundries ............................ | 331521 | 174.7 | 72.6 | 47.2 | - | 15.3 | 23.9 | - | 11.1 | - |
| Nonferrous (except aluminum) die-casting foundries | 331522 | 72.1 | - | - | - | - | - | - | - | - |
| Aluminum foundries (except die-casting) ................ | 331524 | 235.8 | 94.5 | 42.4 | 12.9 | 29.9 | 11.8 | - | - | - |
| Other nonferrous foundries (except die-casting) ...... | 331528 | 127.1 | 35.7 | 24.1 | - | - | - | - | - | - |
| Fabricated metal product manufacturing ........................... | 332 | 151.3 | 74.1 | 37.5 | 13.6 | 14.7 | 20.3 | 6.7 | 9.9 | 3.4 |
| Forging and stamping ............................................... | 3321 | 178.6 | 75.1 | 40.3 | 10.5 | 20.6 | 19.4 | 3.6 | 11.0 | 4.7 |
| Forging and stamping ............................................ | 33211 | 178.6 | 75.1 | 40.3 | 10.5 | 20.6 | 19.4 | 3.6 | 11.0 | 4.7 |
| Iron and steel forging ......................................... | 332111 | 250.3 | 89.8 | 51.1 | 13.5 | 24.4 | 29.7 | - | 16.6 | 9.7 |
| Nonferrous forging | 332112 | 153.9 | 46.9 | - | - | - | 38.3 | - | - | - |
| Metal stamping .................................................. | 332116 | 185.4 | 93.2 | 51.4 | 13.1 | 23.8 | 9.3 | - | 6.1 | - |
| Powder metallurgy part manufacturing .................. | 332117 | 87.5 | 28.3 | - | - | - | 23.8 | - | 23.8 | - |
| Cutlery and handtool manufacturing ............................ | 3322 | 124.9 | 45.9 | 9.2 | 11.9 | 21.7 | 14.4 | - | 10.3 | - |
| Cutlery and handtool manufacturing ........................ | 33221 | 124.9 | 45.9 | 9.2 | 11.9 | 21.7 | 14.4 | - | 10.3 | - |

[^10]| Industry ${ }^{4}$ | Event or exposure leading to injury or illness ${ }^{6}$ |  |  |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Overexertion and bodily reaction |  |  | Expo- <br> sure to harmful substance or environment | Transportation incidents |  | Fires and explosions | Violence and other injuries by persons or animals |  |  |  | All other events ${ }^{7}$ |
|  | Total | In lifting | Repetitive motion |  | Total | Roadway incidents |  | Total | Intentional injury by other person | Injury by person--unintentional or intent unknown | Animal and insect related |  |
| Steel product manufacturing from purchased steel ......... | 35.4 | 4.7 | - | 15.2 | - | - | - | - | - | - | - | - |
| Iron and steel pipe and tube manufacturing from purchased steel | 32.3 | - | - | 11.0 | - | - | - | - | _ | _ | _ | _ |
| Rolling and drawing of purchased steel ..................... | 37.9 | 5.5 | - | 18.4 | - | - | - | - | - | - | - | - |
| Rolled steel shape manufacturing ......................... | 30.9 | - | - | 25.9 | - | - | - | - | - | - | - | - |
| Steel wire drawing ...................... | 54.0 | - | - | - | - | - | - | - | - | - | - | - |
| Alumina and aluminum production and processing ........ | 41.5 | 12.0 | 3.2 | 12.7 | - | - | - | - | - | - | - | - |
| Alumina and aluminum production and processing ..... | 41.5 | 12.0 | 3.2 | 12.7 | - | - | - | - | - | - | - | - |
| Primary aluminum production .............................. | 75.5 | 31.0 | - | - | - | - | - | - | - | - | - | - |
| Secondary smelting and alloying of aluminum ......... | 79.1 | 33.5 | - | 64.7 | - | - | - | - | - | - | - | - |
| Aluminum sheet, plate, and foil manufacturing ........ | 26.6 | - | - | - | - | - | - | - | - | - | - | - |
| Aluminum extruded product manufacturing ............ | 21.4 | - | - | 10.8 | - | - | - | - | - | - | - | - |
| Other aluminum rolling and drawing ...................... | 66.6 | - | - | - | - | - | - | - | - | - | - | - |
| Nonferrous metal (except aluminum) production and processing | 56.6 | 14.6 | 3.7 | 11.7 | - | - | - | - | - | - | - | - |
| Nonferrous metal (except aluminum) smelting and refining | - | - | - | - | - | - | - | - | - | - | - | - |
| Primary smelting and refining of nonferrous metal (except copper and aluminum) | - | - | - | - | - | - | - | - | - | - | - | - |
|  | 76.8 | 23.4 | - | - | - | - | - | - | - | - | - | - |
| Copper rolling, drawing, and extruding | 103.9 | 35.6 | - | - | - | - | - | - | - | - | - | - |
| Nonferrous metal (except copper and aluminum) rolling, drawing, extruding, and alloying | 52.4 | 10.9 | - | 23.9 | - | - | - | - | - | - | - | - |
| Nonferrous metal (except copper and aluminum) rolling, drawing, and extruding | 57.2 | 16.3 | - | 29.4 | - | - | - | - | - | - | - | - |
| Foundries ............................................................... | 85.6 | 27.8 | 12.3 | 22.9 | 1.5 | - | 2.7 | - | - | - | - | - |
| Ferrous metal foundries ......................................... | 98.6 | 33.1 | 12.1 | 23.5 | 1.9 | - | - | - | - | - | - | - |
| Iron foundries ................................................... | 80.0 | 18.2 | 13.4 | 21.4 | - | - | - | - | - | - | - | - |
| Steel investment foundries .................................. | 91.8 | 25.8 | 22.9 | - | - | - | - | - | - | - | - | - |
| Nonferrous metal foundries ..................................... | 66.1 | 19.9 | 12.7 | 22.0 | - | - | 5.8 | - | - | - | - | - |
| Aluminum die-casting foundries ........................... | 58.2 | 20.7 | 15.8 | 16.2 | - | - | - | - | - | - | - | - |
| Nonferrous (except aluminum) die-casting foundries | - | - | 17 |  | - | - | - | - | - | - | - | - |
| Aluminum foundries (except die-casting) ................ | 93.8 | 23.5 | 17.5 | 22.1 | - | - | 11.3 | - | - | - | - | - |
| Other nonferrous foundries (except die-casting) ...... | 55.4 | - | - | - | - | - | , | - | - | - | - | _ |
| Fabricated metal product manufacturing ........................... | 45.7 | 14.6 | 5.8 | 7.9 | 1.3 | 0.5 | - | 0.4 | - | 0.1 | 0.3 | 1.5 |
| Forging and stamping ............................................... | 65.9 | 28.4 | 4.2 | 12.1 | 2.3 | - | - | - | - | - | - | 3.2 |
| Forging and stamping .......................................... | 65.9 | 28.4 | 4.2 | 12.1 | 2.3 | - | - | - | - | - | - | 3.2 |
| Iron and steel forging ........................................ | 97.0 | 48.3 | - | 18.7 | - | - | - | - | - | - | - | 9.6 |
| Nonferrous forging ........................................... | 52.3 | - | $\overline{7}$ | - | - | - | - | - | - | - | - | - |
| Metal stamping ................................................. | 66.7 | 27.2 | 7.1 | 13.5 | - | - | - | - | - | - | - | - |
| Powder metallurgy part manufacturing .................. | 27.7 | 13 | 15. | - | - | - | - | - | - | - | - | - |
| Cutlery and handtool manufacturing ............................ | 59.9 | 13.9 | 15.0 | - | - | - | - | - | - | - | - | - |
| Cutlery and handtool manufacturing ......................... | 59.9 | 13.9 | 15.0 | - | - | - | - | - | - | - | - | - |


| Industry ${ }^{4}$ | NAICS code5 | Total cases | Event or exposure leading to injury or illness ${ }^{6}$ |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  | Contact with objects |  |  |  | Falls, slips, trips |  |  |  |
|  |  |  | Total | Struck by object | Struck against object | Caught in or compressed or crushed | Total | Fall to lower level | Fall on same level | Slips or trips without fall |
| Cutlery and flatware (except precious) manufacturing $\qquad$ | 332211 | 138.7 | 51.1 | - | 33.3 | - | - | - | - | - |
| Hand and edge tool manufacturing ..... | 332212 | 112.8 | 43.7 | 6.9 | - | 31.6 | 9.2 | _ | 7.6 | _ |
| Kitchen utensil, pot, and pan manufacturing ........... | 332214 | 114.0 | - | - | - | - | - | - | - | - |
| Architectural and structural metals manufacturing .......... | 3323 | 205.3 | 123.9 | 74.1 | 23.0 | 15.8 | 22.9 | 6.6 | 10.1 | 5.6 |
| Plate work and fabricated structural product manufacturing $\qquad$ | 33231 | 193.5 | 114.5 | 74.3 | 13.1 | 19.9 | 19.1 | 6.4 | 5.9 | 6.4 |
| Prefabricated metal building and component manufacturing $\qquad$ | 332311 | 154.8 | 106.5 | 62.1 | 13.5 | 22.3 | 21.2 | 11.1 | 6.4 | - |
| Fabricated structural metal manufacturing .............. | 332312 | 208.4 | 127.6 | 93.8 | 6.5 | 20.2 | 18.9 | 6.2 | 5.0 | 6.8 |
| Plate work manufacturing ..................................... | 332313 | 190.0 | 96.4 | 47.5 | 24.3 | 18.1 | 18.3 | 4.0 | 7.1 | 7.2 |
| Ornamental and architectural metal products manufacturing | 33232 | 216.0 | 132.5 | 73.8 | 32.0 | 12.1 | 26.4 | 6.8 | 14.0 | 5.0 |
| Metal window and door manufacturing .................. | 332321 | 149.1 | 80.4 | 53.4 | 13.2 | 11.2 | 19.9 | - | 12.4 | 5.7 |
| Sheet metal work manufacturing ........................... | 332322 | 234.8 | 146.2 | 69.6 | 46.5 | 11.2 | 24.5 | 11.7 | 6.6 | 6.2 |
| Ornamental and architectural metal work manufacturing | 332323 | 267.2 | 174.9 | 118.6 | 19.5 | 16.3 | 42.1 | - | 37.9 | - |
| Boiler, tank, and shipping container manufacturing ........ | 3324 | 146.4 | 59.6 | 34.8 | 8.2 | 9.2 | 29.4 | 11.0 | 12.6 | 5.7 |
| Power boiler and heat exchanger manufacturing ......... | 33241 | 115.7 | 51.4 | 32.3 | - | - | 24.6 | 8.2 | 11.4 | - |
| Metal tank (heavy gauge) manufacturing ................... | 33242 | 196.1 | 104.8 | 61.9 | 18.4 | 12.2 | 40.0 | 15.6 | 22.0 | - |
| Metal can, box, and other metal container (light gauge) manufacturing | 33243 | 126.3 | 26.8 | 13.3 | - | 9.5 | 23.9 | 9.2 | 5.4 | 9.3 |
| Metal can manufacturing ..................................... | 332431 | 36.9 | 14.6 | 8.6 | - | - | 10.7 | - | - | - |
| Other metal container manufacturing ..................... | 332439 | 249.8 | 43.7 | 19.8 | - | 18.0 | 42.1 | 18.7 | - | 17.6 |
| Hardware manufacturing ............................................ | 3325 | 82.2 | 31.0 | 8.6 | - | 12.8 | 10.6 | - | 7.0 | - |
| Spring and wire product manufacturing ........................ | 3326 | 135.4 | 61.8 | 15.6 | 22.0 | 18.1 | 8.6 | - | 5.2 | - |
| Spring and wire product manufacturing .................... | 33261 | 135.4 | 61.8 | 15.6 | 22.0 | 18.1 | 8.6 | - | 5.2 | - |
| Spring (heavy gauge) manufacturing .................... | 332611 | 269.3 | 105.7 | - | 98.3 | - | - | - | - | - |
| Spring (light gauge) manufacturing ....................... | 332612 | 88.6 | 70.3 | 15.6 | - | 35.2 | - | - | - | - |
| Other fabricated wire product manufacturing .......... | 332618 | 127.7 | 50.5 | 18.1 | 14.0 | 14.3 | 7.9 | - | - | - |
| Machine shops; turned product; and screw, nut, and bolt manufacturing $\qquad$ | 3327 | 139.0 | 66.3 | 26.3 | 13.1 | 15.9 | 20.5 | 12.2 | 6.0 | 2.0 |
| Machine shops ................................... | 33271 | 146.0 | 74.7 | 28.6 | 15.2 | 17.5 | 21.6 | 15.5 | 4.4 | 1.3 |
| Turned product and screw, nut, and bolt manufacturing $\qquad$ | 33272 | 114.4 | 36.9 | 18.1 | 6.1 | 10.1 | 16.8 | - | 11.7 | 4.3 |
| Precision turned product manufacturing ................ | 332721 | 115.1 | 36.3 | 19.1 | 6.4 | 6.4 | 18.2 | - | 9.9 | 8.3 |
| Bolt, nut, screw, rivet, and washer manufacturing ... | 332722 | 113.6 | 37.5 | 17.1 | 5.7 | 13.9 | 15.4 | - | 13.6 | - |
| Coating, engraving, heat treating, and allied activities ..... | 3328 | 156.4 | 70.1 | 32.0 | 11.3 | 17.5 | 23.2 | 5.3 | 14.5 | 3.2 |
| Coating, engraving, heat treating, and allied activities | 33281 | 156.4 | 70.1 | 32.0 | 11.3 | 17.5 | 23.2 | 5.3 | 14.5 | 3.2 |
| Metal heat treating .......................................... | 332811 | 185.4 | 90.7 | 23.7 | 34.1 | 27.6 | 16.5 | - | - | - |
| Metal coating, engraving (except jewelry and silverware), and allied services to manufacturers Electroplating, plating, polishing, anodizing, and coloring | 332812 332813 | 154.3 149.0 | 85.1 50.1 | 55.1 13.9 | 12.2 | 18.3 13.5 | 18.9 29.1 | 7.8 3.0 | 11.0 18.7 | 6.9 |

[^11]

| Industry ${ }^{4}$ | NAICS code5 | Total cases | Event or exposure leading to injury or illness ${ }^{6}$ |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  | Contact with objects |  |  |  | Falls, slips, trips |  |  |  |
|  |  |  | Total | Struck by object | Struck against object | Caught in or compressed or crushed | Total | Fall to lower level | Fall on same level | Slips or trips without fall |
| Other fabricated metal product manufacturing | 3329 | 100.5 | 38.1 | 18.7 | 6.5 | 8.8 | 16.1 | 2.3 | 11.8 | 1.8 |
| Metal valve manufacturing .......................... | 33291 | 77.8 | 28.4 | 14.3 | 7.3 | 5.8 | 11.2 | - | 8.5 | - |
| Industrial valve manufacturing | 332911 | 87.7 | 39.6 | 22.3 | 11.6 | 5.7 | 7.4 | - | - | - |
| Fluid power valve and hose fitting manufacturing .... | 332912 | 64.6 | 18.5 | 7.5 | 6.7 | - | 12.8 | - | 11.9 | - |
| Plumbing fixture fitting and trim manufacturing ........ | 332913 | 59.7 | 18.4 | - | - | - | 16.3 | - | - | - |
| Other metal valve and pipe fitting manufacturing ..... | 332919 | 98.9 | 36.0 | 22.0 | - | 11.5 | 11.5 | - | 11.5 | - |
| All other fabricated metal product manufacturing ......... | 33299 | 111.5 | 42.8 | 20.8 | 6.1 | 10.2 | 18.5 | 2.7 | 13.4 | 2.0 |
| Ball and roller bearing manufacturing .................... | 332991 | 86.8 | 25.5 | 15.2 | 5.7 | - | 22.3 | - | 17.8 | - |
| Small arms ammunition manufacturing | 332992 | 138.0 | 43.6 | 15.1 | 16.5 | - | 15.4 | - | - | - |
| Ammunition (except small arms) manufacturing | 332993 | 25.7 | - | - | - | - | - | - | - | - |
| Small arms manufacturing .................................. | 332994 | 181.5 | 72.6 | 33.8 | 16.5 | 17.2 | 27.6 | - | 16.7 | - |
| Other ordnance and accessories manufacturing | 332995 | 73.9 | - | - | - | - | - | - | - | - |
| Fabricated pipe and pipe fitting manufacturing ........ | 332996 | 93.8 | 46.7 | 26.0 | - | 14.5 | 14.5 | - | 9.8 | - |
| Enameled iron and metal sanitary ware manufacturing | 332998 | 76.1 | 19.4 | - | - | - | 23.4 | - | 23.4 | - |
| All other miscellaneous fabricated metal product manufacturing $\qquad$ | 332999 | 154.9 | 64.5 | 29.4 | 7.2 | 15.9 | 20.0 | 4.7 | 14.3 | - |
| Machinery manufacturing ${ }^{10}$............................................ | 333 | 91.5 | 39.0 | 20.7 | 7.1 | 8.9 | 12.2 | 2.8 | 6.6 | 2.6 |
| Agriculture, construction, and mining machinery manufacturing | 3331 | 101.3 | 45.8 | 28.5 | 6.4 | 8.8 | 14.0 | 2.5 | 7.6 | 3.2 |
| Agricultural implement manufacturing ....................... | 33311 | 138.1 | 66.1 | 40.4 | 11.0 | 13.1 | 18.3 | - | 11.2 | 3.3 |
| Farm machinery and equipment manufacturing | 333111 | 156.0 | 75.4 | 46.9 | 10.9 | 15.5 | 20.1 | - | 12.0 | 3.5 |
| Lawn and garden tractor and home lawn and garden equipment manufacturing | 333112 | 63.2 | 27.2 | 13.0 | 11.3 | - | 10.9 | - | - | - |
| Construction machinery manufacturing ...................... | 33312 | 105.6 | 34.6 | 19.0 | 6.3 | 7.0 | 17.5 | 4.1 | 8.5 | 4.8 |
| Mining and oil and gas field machinery manufacturing | 33313 | 66.1 | 37.0 | 25.6 | 2.5 | 6.4 | 7.4 | 1.7 | 3.8 | 1.8 |
| Mining machinery and equipment manufacturing .... Oil and gas field machinery and equipment | 333131 | 113.7 | 51.6 | 31.7 | - | - | 13.0 | - | - | - |
| manufacturing ................................................ | 333132 | 58.9 | 34.8 | 24.7 | - | 6.0 | 6.5 | - | 2.9 | 1.9 |
| Industrial machinery manufacturing ${ }^{10}$........................... | 3332 | 92.4 | 42.9 | 21.9 | 9.9 | 10.4 | 10.7 | 3.1 | 7.1 | - |
| Sawmill and woodworking machinery manufacturing .. | 33321 | 293.5 | - | - | - | - | - | - | - | - |
| Other industrial machinery manufacturing ${ }^{10}$............... | 33329 | 90.1 | 40.9 | 20.2 | 9.2 | 11.0 | 10.5 | 3.4 | 6.4 | - |
| Paper industry machinery manufacturing ................ | 333291 | 115.7 | 43.7 | 21.9 | - | - | 19.6 | - | - | - |
| Printing machinery and equipment manufacturing ... | 333293 | 78.4 | 44.2 | 42.5 | - | - 7 | - | - | - | - |
| Food product machinery manufacturing ................. | 333294 | 120.9 | 61.5 | 28.2 | - | 32.7 | - | - | - | - |
| Semiconductor machinery manufacturing ............... | 333295 | 14.1 | - | - | - | - | - | - | - | - |
| All other industrial machinery manufacturing ${ }^{10}$........ | 333298 | 108.8 | 50.4 | 17.6 | 23.7 | 9.1 | 8.9 | - | - | - |
| Commercial and service industry machinery manufacturing | 3333 | 74.8 | 36.7 | 9.4 | 3.3 | 20.2 | 8.3 | - | 5.5 | - |
| Commercial and service industry machinery manufacturing | 33331 | 74.8 | 36.7 | 9.4 | 3.3 | 20.2 | 8.3 | - | 5.5 | - |
| Optical instrument and lens manufacturing ............. | 333314 | 41.3 | 13.4 | - | - | - | 11.6 | - | 11.0 | - |


| Industry ${ }^{4}$ | Event or exposure leading to injury or illness ${ }^{6}$ |  |  |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Overexertion and bodily reaction |  |  | Expo- <br> sure to harmful substance or environment | Transportation incidents |  | Fires and explosions | Violence and other injuries by persons or animals |  |  |  | All other events ${ }^{7}$ |
|  | Total | In lifting | Repetitive motion |  | Total | Roadway incidents |  | Total | Intentional injury by other person | Injury by person--unintentional or intent unknown | Animal and insect related |  |
| Other fabricated metal product manufacturing | 37.8 | 13.0 | 5.4 | 5.3 | 1.0 | - | - | 0.9 | - | - | - | 1.0 |
| Metal valve manufacturing ....................................... | 32.7 | 9.8 | 6.4 | 2.0 | - | - | - | - | - | - | - | - |
| Industrial valve manufacturing ............................. | 32.8 | - | 5.5 | - | - | - | - | - | - | - | - | - |
| Fluid power valve and hose fitting manufacturing .... | 31.7 | 9.7 | 7.7 | - | - | - | - | - | - | - | - | - |
| Plumbing fixture fitting and trim manufacturing ........ | 22.5 | - | - | - | - | - | - | - | - | - | - | - |
| Other metal valve and pipe fitting manufacturing ..... | 40.1 | 19.0 | - | - | - | - | - | - | - | - | - | - |
| All other fabricated metal product manufacturing ........ | 40.2 | 14.6 | 4.9 | 6.8 | 1.1 | - | - | - | - | - | - | 1.0 |
| Ball and roller bearing manufacturing .................... | 34.5 | 7.0 | 7.9 | - | - | - | - | - | - | - | - | - |
| Small arms ammunition manufacturing .................. | 74.2 | 14.4 | - | - | - | - | - | - | - | - | - | - |
| Ammunition (except small arms) manufacturing ...... | 12.2 | - | - | - | - | - | - | - | - | - | - | - |
| Small arms manufacturing .................................. | 69.8 | 22.7 | 20.0 | - | - | - | - | - | - | - | - | - |
| Other ordnance and accessories manufacturing ..... | 41.4 | - | - | - | - | - | - | - | - | - | - | - |
| Fabricated pipe and pipe fitting manufacturing ........ | 24.8 | - | - | 5.4 | - | - | - | - | - | - | - | - |
| Enameled iron and metal sanitary ware manufacturing $\qquad$ | 27.4 | - | - | - | - | - | - | - | - | - | - | - |
| All other miscellaneous fabricated metal product manufacturing $\qquad$ | 55.0 | 29.5 | - | 11.5 | - | - | - | - | - | - | - | - |
| Machinery manufacturing ${ }^{10}$ | 34.3 | 10.3 | 6.0 | 3.6 | 1.1 | 0.2 | 0.3 | . 4 | - | 0.2 | 0.1 | . 5 |
| Agriculture, construction, and mining machinery manufacturing | 36.2 | 10.1 | 5.8 | 3.2 | . 8 | - | - | - | - | - | - | . 7 |
| Agricultural implement manufacturing ....................... | 46.5 | 16.4 | 7.3 | 3.7 | - | - | - | - | - | - | - | - |
| Farm machinery and equipment manufacturing Lawn and garden tractor and home lawn and | 52.4 | 18.6 | 7.7 | 4.5 | - | - | - | - | - | - | - | - |
| garden equipment manufacturing ....................... | 21.6 | - | - | - | - | - | - | - | - | - | - | - |
| Construction machinery manufacturing ...................... | 48.3 | 10.5 | 9.1 | 4.7 | - | - | - | - | - | - | - | - |
| Mining and oil and gas field machinery manufacturing | 18.0 | 4.3 | 2.0 | 1.7 | - | - | - | - | - | - | - | - |
| Mining machinery and equipment manufacturing .... Oil and gas field machinery and equipment | 39.6 | - | - | - | - | - | - | - | - | - | - | - |
| manufacturing | 14.7 | 3.8 | - | - | - | - | - | - | - | - | - | - |
| Industrial machinery manufacturing ${ }^{10}$............................ | 36.1 | 12.1 | 6.5 | 2.1 | - | _ | - | _ | - | - | - | - |
| Sawmill and woodworking machinery manufacturing .. | - | - | - | - | - | - | - | - | - | - | _ | - |
| Other industrial machinery manufacturing ${ }^{10}$............... | 37.2 | 12.6 | 7.0 | - | _ | _ | _ | _ | - | _ | _ | _ |
| Paper industry machinery manufacturing ............... | 51.5 | - | - | - | - | - | - | - | - | - | - | - |
| Printing machinery and equipment manufacturing ... | 23.5 |  | - | - | - | - | - | - | - | - | _ | - |
| Food product machinery manufacturing .................. | 54.4 | 24.4 | 14.8 | - | - | - | - | - | - | - | - | - |
| Semiconductor machinery manufacturing ............... | 9.9 | - | - | - | - | - | _ | _ | - | - | _ | - |
| All other industrial machinery manufacturing ${ }^{10}$ | 47.2 | 16.8 | 5.6 | - | - | - | - | - | - | - | - | - |
| Commercial and service industry machinery manufacturing | 24.1 | 5.5 | 6.6 | 3.0 | - | - | - | - | - | - | - | - |
| Commercial and service industry machinery manufacturing | 24.1 | 5.5 | $6.6$ | 3.0 | - | - | - | - | - | - | - | - |
| Optical instrument and lens manufacturing ............. | 16.3 | - | 8.4 | - | - | - | - | - | - | - | - | - |

See footnotes at end of table.

| Industry ${ }^{4}$ | NAICS code5 | Total cases | Event or exposure leading to injury or illness ${ }^{6}$ |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  | Contact with objects |  |  |  | Falls, slips, trips |  |  |  |
|  |  |  | Total | Struck by object | Struck against object | Caught in or compressed or crushed | Total | Fall to lower level | Fall on same level | Slips or trips without fall |
| Photographic and photocopying equipment manufacturing $\qquad$ | 333315 | 58.6 | - | - | - | - | - | - | - | - |
| Other commercial and service industry machinery manufacturing | 333319 | 92.6 | 55.2 | 13.2 | - | 37.2 | 9.2 | - | 5.1 | - |
| Ventilation, heating, air-conditioning, and commercial refrigeration equipment manufacturing 10 | 3334 | 88.2 | 28.7 | 12.8 | 6.2 | 7.3 | 11.0 | 1.7 | 7.0 | 2.3 |
| Ventilation, heating, air-conditioning, and commercial refrigeration equipment manufacturing ${ }^{10}$ | 33341 | 88.2 | 28.7 | 12.8 | 6.2 | 7.3 | 11.0 | 1.7 | 7.0 | 2.3 |
| Air purification equipment manufacturing ................ | 333411 | 120.5 | 54.9 | 21.0 | 10.5 | 14.9 | 10.6 | - | - | - |
| Industrial and commercial fan and blower manufacturing $\qquad$ | 333412 | 104.2 | 47.9 | 27.8 | - | 14.4 | - | - | - | - |
| Heating equipment (except warm air furnaces) manufacturing | 333414 | 134.8 | 37.7 | 17.0 | 13.2 | - | 18.8 | - | 16.8 | - |
| Air-conditioning and warm air heating equipment and commercial and industrial refrigeration equipment manufacturing ${ }^{10}$ | 333415 | 70.4 | 19.2 | 8.4 | 4.5 | 5.7 | 9.8 | 2.1 | 5.1 | 2.7 |
| Metalworking machinery manufacturing ........................ | 3335 | 91.4 | 43.7 | 23.5 | 10.1 | 6.6 | 9.5 | 1.5 | 5.9 | 1.9 |
| Metalworking machinery manufacturing ..................... | 33351 | 91.4 | 43.7 | 23.5 | 10.1 | 6.6 | 9.5 | 1.5 | 5.9 | 1.9 |
| Industrial mold manufacturing .............................. | 333511 | 107.7 | 47.8 | 27.7 | 13.6 | 4.5 | 7.0 | - | - | - |
| Machine tool (metal cutting types) manufacturing .... | 333512 | 89.7 | 46.9 | 29.9 | 9.4 | 7.6 | 12.6 | - | - | - |
| Machine tool (metal forming types) manufacturing .. | 333513 | 100.5 | 54.3 | 24.8 | - | 14.3 | - | - | - | - |
| Special die and tool, die set, jig, and fixture manufacturing $\qquad$ | 333514 | 94.6 | 48.6 | 22.4 | 12.1 | 7.2 | 11.4 | - | 10.3 | - |
| Cutting tool and machine tool accessory manufacturing $\qquad$ | 333515 | 50.2 | 24.3 | 18.8 | - | - | - | - | - | - |
| Other metalworking machinery manufacturing | 333518 | 113.7 | - | - | - | - | - | - | - | - |
| Engine, turbine, and power transmission equipment manufacturing | 3336 | 77.7 | 27.7 | 17.7 | 4.2 | 3.8 | 14.0 | 3.5 | 5.7 | 4.8 |
| Engine, turbine, and power transmission equipment manufacturing | 33361 | 77.7 | 27.7 | 17.7 | 4.2 | 3.8 | 14.0 | 3.5 | 5.7 | 4.8 |
| Turbine and turbine generator set units manufacturing $\qquad$ | 333611 | 67.6 | 20.5 | 11.4 | - | - | 14.6 | - | 8.1 | - |
| Speed changer, industrial high-speed drive, and gear manufacturing | 333612 | 146.4 | 42.3 | 20.4 | 12.8 | - | 30.8 | - | - | 20.4 |
| Mechanical power transmission equipment manufacturing | 333613 | 118.5 | 70.7 | 53.1 | - | _ | - | - | - | - |
| Other engine equipment manufacturing ................. | 333618 | 51.6 | 15.2 | 10.5 | - | - | 10.2 | - | 4.4 | - |
| Other general purpose machinery manufacturing ${ }^{10}$........ | 3339 | 94.8 | 38.2 | 20.0 | 7.4 | 8.9 | 14.3 | 4.6 | 6.6 | 3.0 |
| Pump and compressor manufacturing ...................... | 33391 | 60.9 | 23.7 | 16.0 | 4.0 | 3.3 | 5.4 | - | - | - |
| Pump and pumping equipment manufacturing ....... | 333911 | 61.1 | 18.2 | 8.5 | - | - | - | - | - | - |
| Air and gas compressor manufacturing ................. | 333912 | 65.3 | 33.8 | 28.3 | - | - | - | - | - 7 | - |
| Material handling equipment manufacturing ............... | 33392 | 138.3 | 58.2 | 30.8 | 13.4 | 12.3 | 22.6 | 11.1 | 7.7 | 3.6 |
| Elevator and moving stairway manufacturing ......... | 333921 | 135.0 | - | 7 | - | - | - | - | - | - |
| Conveyor and conveying equipment manufacturing | 333922 | 118.9 | 55.6 | 27.2 | 15.5 | 10.5 | 15.9 | 6.8 | 7.3 | - |

[^12]

| Industry ${ }^{4}$ | NAICS code5 | Total cases | Event or exposure leading to injury or illness ${ }^{6}$ |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  | Contact with objects |  |  |  | Falls, slips, trips |  |  |  |
|  |  |  | Total | Struck by object | Struck against object | Caught in or compressed or crushed | Total | Fall to lower level | Fall on same level | Slips or trips without fall |
| Overhead traveling crane, hoist, and monorail system manufacturing Industrial truck, tractor, trailer, and stacker machinery manufacturing | 333923 333924 | 192.9 132.1 | 100.1 48.9 | 57.3 25.8 | 19.4 11.5 | 20.7 11.5 | 15.5 37.4 | 23.2 | 8.6 | - - |
| All other general purpose machinery manufacturing 10 | 33399 | 85.0 | 33.4 | 15.8 | 5.6 | 9.3 | 13.3 | 2.4 | 7.5 | 3.3 |
| Power-driven handtool manufacturing ..... | 333991 | 74.7 | - | - | - | - | 21.9 | - | - | - |
| Welding and soldering equipment manufacturing .... | 333992 | 85.1 | 29.6 | - | - | - | - | - | - | - |
| Packaging machinery manufacturing .................... | 333993 | 62.7 | 19.9 | - | - | - | 19.6 | - | 9.2 | 10.4 |
| Industrial process furnace and oven manufacturing ${ }^{10}$ $\qquad$ | 333994 | 76.1 | 25.8 | - | - | 16.6 | 15.5 | - | - | - |
| Fluid power cylinder and actuator manufacturing .... | 333995 | 139.2 | 57.4 | 30.9 | - | 12.0 | 16.7 | - | - | - |
| Fluid power pump and motor manufacturing ........... | 333996 | 74.7 | 35.9 | 21.2 | - | - | - | - | - | - |
| All other miscellaneous general purpose machinery manufacturing ${ }^{10}$ | 333999 | 88.7 | 37.3 | 18.4 | 8.0 | 10.1 | 13.6 | 4.3 | 8.8 | - |
| Computer and electronic product manufacturing ............... | 334 | 33.7 | 8.5 | 3.8 | 2.1 | 2.4 | 7.7 | . 9 | 5.5 | 1.1 |
| Computer and peripheral equipment manufacturing ........ | 3341 | 18.1 | 3.5 | 1.9 | 1.1 | - | 4.3 | - | 3.0 | - |
| Computer and peripheral equipment manufacturing .... | 33411 | 18.1 | 3.5 | 1.9 | 1.1 | - | 4.3 | - | 3.0 | - |
| Electronic computer manufacturing ........................ | 334111 | 13.2 | 2.0 | - | - | - | 3.0 | - | 2.3 | - |
| Computer storage device manufacturing ................ | 334112 | 24.1 | - | - | - | - | 8.6 | - | - | - |
| Other computer peripheral equipment manufacturing $\qquad$ | 334119 | 30.5 | 8.6 | - | - | - | 5.3 | - | - | - |
| Communications equipment manufacturing ${ }^{10}$................ | 3342 | 39.3 | 12.9 | 2.7 | - | 9.2 | 9.3 | 2.7 | 4.3 | 1.4 |
| Telephone apparatus manufacturing ....................... | 33421 | 12.6 | - | - | - | - | 10.0 | - | - | - |
| Radio and television broadcasting and wireless communications equipment manufacturing ${ }^{10}$ | 33422 | 42.9 | 8.4 | 2.8 | - | 4.2 | 10.8 | 3.7 | 5.4 | - |
| Other communications equipment manufacturing ....... | 33429 | 56.4 | 38.7 | - | - | 32.7 | - | - | - | - |
| Audio and video equipment manufacturing .................... | 3343 | 56.3 | 10.5 | 8.7 | - | - | 20.4 | 9.0 | 9.6 | - |
| Semiconductor and other electronic component manufacturing $\qquad$ | 3344 | 38.8 | 9.6 | 3.5 | 3.5 | 2.4 | 8.1 | . 6 | 6.4 | 1.0 |
| Semiconductor and other electronic component manufacturing $\qquad$ | 33441 | 38.8 | 9.6 | 3.5 | 3.5 | 2.4 | 8.1 | . 6 | 6.4 | 1.0 |
| Bare printed circuit board manufacturing | 334412 | 43.4 | 9.3 | 5.1 | - | - | 14.1 | - | 13.2 | - |
| Semiconductor and related device manufacturing .. Electronic coil, transformer, and other inductor | 334413 | 29.5 | 5.2 | 2.4 | 1.8 | - | 3.8 | - | 2.7 | - |
| manufacturing ................................................. | 334416 | 116.8 | 42.6 | - | 18.7 | - | 39.3 | - | 32.3 | - |
| Electronic connector manufacturing ....................... | 334417 | 69.8 | 15.0 | - | 9.6 | - | 13.7 | - | 12.0 | - |
| Printed circuit assembly (electronic assembly) manufacturing | 334418 | 30.8 | 11.8 | 5.6 | 2.9 | - | 10.6 | - | 7.9 | - |
| Other electronic component manufacturing ............ | 334419 | 41.5 | 10.9 | 3.8 | 2.9 | 4.2 | 9.1 | - | 6.8 | - |
| Navigational, measuring, electromedical, and control instruments manufacturing ${ }^{10}$ | 3345 | 32.4 | 7.9 | 4.7 | 1.6 | 1.4 | 7.7 | . 6 | 5.7 | 1.3 |
| Navigational, measuring, electromedical, and control instruments manufacturing ${ }^{10}$ $\qquad$ | 33451 | 32.4 | 7.9 | 4.7 | 1.6 | 1.4 | 7.7 | . 6 | 5.7 | 1.3 |

[^13]

| Industry ${ }^{4}$ | NAICS code5 | Total cases | Event or exposure leading to injury or illness ${ }^{6}$ |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  | Contact with objects |  |  |  | Falls, slips, trips |  |  |  |
|  |  |  | Total | Struck by object | Struck against object | Caught in or compressed or crushed | Total | Fall to lower level | Fall on same level | Slips or trips without fall |
| Electromedical and electrotherapeutic apparatus manufacturing | 334510334511 | 18.0 | 2.9 | - | - | - | 4.3 | - | 3.6 | - |
| Search, detection, navigation, guidance, aeronautical, and nautical system and instrument manufacturing $\qquad$ |  | 25.9 | 5.6 | 4.3 |  |  |  | - |  | 2.3 |
| Automatic environmental control manufacturing for residential, commercial, and appliance use | 334511 | 46.9 | 20.0 | 9.2 | - | - | 6.6 |  | 4.0 | - |
| Instruments and related products manufacturing for measuring, displaying, and controlling industrial process variables | 334513 |  |  |  | - | 8.7 | - | - | $-$ |  |
| Totalizing fluid meter and counting device manufacturing $\qquad$ | 334514 | 68.4 | 16.2 | - | 3.8 | - | - | - | - | - |
| Instrument manufacturing for measuring and testing electricity and electrical signals ${ }^{10}$ |  | 25.8 | 5.2 | - | _ | - | 9.2 | _ | 8.5 | - |
| Analytical laboratory instrument manufacturing ....... | 334516 | 55.1 | 7.9 | - | - | - | 9.1 | - | 5.0 | - |
| Irradiation apparatus manufacturing ..................... | 334517 | 37.6 | - | - | - | - | - | - | - | - |
| Other measuring and controlling device manufacturing | 334519 | 22.0 | 6.2 | - | - | - | 7.0 | - | 6.7 | - |
| Manufacturing and reproducing magnetic and optical media | 3346 | 32.4 | 11.2 | - | - | - | 8.2 | - | - |  |
| Manufacturing and reproducing magnetic and optical media $\qquad$ | 33461 | 32.4 | 11.2 | - | - | - | 8.2- | - | - | - |
| Prerecorded compact disc (except software), tape, and record reproducing $\qquad$ | 334612 |  | 22.3 |  |  |  |  |  |  | - |
| Electrical equipment, appliance, and component manufacturing $\qquad$ |  | 65.2 | 18.9 | 8.7 | 3.3 | 5.0 | 10.5 | 1.5 | 6.8 | 2.2 |
| Electric lighting equipment manufacturing ..................... | 3351 | 88.1 | 24.3 | 10.4 | 7.7 | 4.8 | 13.1 | - | 10.1 | - |
| Electric lamp bulb and part manufacturing .................. | 33511 | 85.2 | - | - | - | - | 18.9 | - | - | - |
| Lighting fixture manufacturing .................................. | 33512 | 88.8 | 26.5 | 10.9 | 8.3 | 5.5 | 11.7 | - | 8.9 | - |
| Residential electric lighting fixture manufacturing .... Commercial, industrial, and institutional electric | 335121 | 109.3 | 27.9 | 22.7 | - | - | - | - | - | - |
| Commercial, industrial, and institutional electric lighting fixture manufacturing | 335122 | 63.4 | 19.3 | - | $\overline{-}$ | - | 12.4 | - | 10.4 | - |
| Other lighting equipment manufacturing ................ | 335129 | $\begin{array}{r} 128.0 \\ 58.5 \end{array}$ | $\begin{aligned} & 41.5 \\ & 17.1 \end{aligned}$ |  | 19.0- | - | - 12.3 | - | - 6.4 | 4.2 |
| Household appliance manufacturing ............................. | 3352 |  |  | - 9.9 |  | - |  | - |  |  |
| Small electrical appliance manufacturing | 33521 | $82.1$ | - | - | - | - | 17.5 | - | 13.5 | - |
| Electric housewares and household fan manufacturing | 335211 | 62.3 | - | - | - | - | - | - | - | - |
| Household vacuum cleaner manufacturing ............. | 335212 | 141.1 | $\overline{18.5}$ | $\overline{11.1}$ | - | - | $\overline{-}$ | _ | - | - 4.7 |
| Major appliance manufacturing ................................ | 33522 | 52.1 |  |  |  |  |  | - | 4.5 |  |
| Household cooking appliance manufacturing ......... | $\begin{array}{r} 335221 \\ 335228 \\ 3353 \\ 33531 \end{array}$ | $\begin{aligned} & 87.8 \\ & 47.3 \\ & 75.2 \\ & 75.2 \end{aligned}$ | 42.8 | 26.3 | - | - | - | - | - | - |
| Other major household appliance manufacturing .... |  |  | - | - | - | - | - | - | - | - |
| Electrical equipment manufacturing ............................. |  |  | 22.9 | 11.4 | 2.8 | 7.6 | 9.4 | 1.7 | 6.5 | 1.2 |
| Electrical equipment manufacturing .......................... |  |  | 22.9 | 11.4 | 2.8 | 7.6 | 9.4 | 1.7 | 6.5 | 1.2 |


| Industry ${ }^{4}$ | Event or exposure leading to injury or illness ${ }^{6}$ |  |  |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Overexertion and bodily reaction |  |  | Expo- <br> sure to harmful substance or environment | Transportation incidents |  | Fires and explosions | Violence and other injuries by persons or animals |  |  |  | All other events ${ }^{7}$ |
|  | Total | In lifting | Repetitive motion |  | Total | Roadway incidents |  | Total | Intentional injury by other person | Injury by person--unintentional or intent unknown | Animal and insect related |  |
| Electromedical and electrotherapeutic apparatus manufacturing $\qquad$ | 9.0 | - | 3.6 | - | - | - | - | - | - | - | - | - |
| Search, detection, navigation, guidance, aeronautical, and nautical system and instrument manufacturing $\qquad$ | 11.7 | 3.6 | 3.5 | - | - | - | - | - | - | - | - | - |
| Automatic environmental control manufacturing for residential, commercial, and appliance use | 18.8 | - | 13.0 | - | - | - | - | - | - | - | - | - |
| Instruments and related products manufacturing for measuring, displaying, and controlling industrial process variables | 15.7 | 5.2 | 4.7 | - | - | - | - | - | - | - | - | - |
| Totalizing fluid meter and counting device manufacturing $\qquad$ | 38.1 | 14.0 | - | - | - | - | - | - | - | - | - | - |
| Instrument manufacturing for measuring and testing electricity and electrical signals ${ }^{10}$ | 8.4 | - | - | - | - | - | - | - | - | - | - | - |
| Analytical laboratory instrument manufacturing ....... | 36.6 | - | 6.4 | - | - | - | - | - | - | - | - | - |
| Irradiation apparatus manufacturing ..................... | 23.2 | - | - | - | - | - | - | - | - | - | - | - |
| Other measuring and controlling device manufacturing | 8.1 | - | - | - | - | - | - | - | - | - | - | - |
| Manufacturing and reproducing magnetic and optical media $\qquad$ | 9.9 | - | - | - | - | - | - | - | - | - | - | - |
| Manufacturing and reproducing magnetic and optical media $\qquad$ | 9.9 | - | - | - | - | - | - | _ | - | _ | - | - |
| Prerecorded compact disc (except software), tape, and record reproducing $\qquad$ | 22.0 | - | - | - | - | - | - | - | - | - | - | - |
| Electrical equipment, appliance, and component manufacturing | 30.9 | 9.9 | 5.9 | 3.1 | 1.2 | - | - | - | - | - | - | - |
| Electric lighting equipment manufacturing ..................... | 43.8 | 12.6 | 13.6 | 5.9 | - | - | - | _ | - | - | - | _ |
| Electric lamp bulb and part manufacturing ................. | 30.9 | - | - | 20.0 | - | - | - | - | - | - | - | - |
| Lighting fixture manufacturing ................................. | 47.1 | 14.1 | 14.7 | - | - | - | - | - | - | - | - | - |
| Residential electric lighting fixture manufacturing .... Commercial, industrial, and institutional electric | 66.1 | 39.4 | - | - | - | - | - | - | - | - | - | - |
| Commercial, industrial, and institutional electric lighting fixture manufacturing $\qquad$ | 31.1 | - | 9.0 | - | - | - | - | - | - | - | - | - |
| Other lighting equipment manufacturing ................ | 66.4 | - | 34.7 | - | - | - | - | - | - | - | - | - |
| Household appliance manufacturing ............................ | 26.9 | 6.9 | 5.7 | - | - | - | - | - | - | - | - | - |
| Small electrical appliance manufacturing ................... | 47.6 | 13.6 | 17.0 | - | - | - | - | - | - | - | - | - |
| Electric housewares and household fan manufacturing | 36.3 | - | - | - | - | - | - | - | - | - | - | - |
| Household vacuum cleaner manufacturing ............. | 81.1 | 5 | - | - | - | - | - | - | - | - | - | - |
| Major appliance manufacturing ................................ | 21.3 | 5.0 | - | - | - | - | - | - | - | - | - | - |
| Household cooking appliance manufacturing ......... | 29.9 | - | - | - | - | - | - | - | - | - | - | - |
| Other major household appliance manufacturing .... | 22.1 | - | - | - | - | - | - | - | - | - | - | - |
| Electrical equipment manufacturing ............................. | 36.3 | 14.9 | 5.6 | 3.8 | 2.1 | - | - | - | - | - | - | - |
| Electrical equipment manufacturing ......................... | 36.3 | 14.9 | 5.6 | 3.8 | 2.1 | - | - | - | - | - | - | - |


| Industry ${ }^{4}$ | NAICS code ${ }^{5}$ | Total cases | Event or exposure leading to injury or illness ${ }^{6}$ |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  | Contact with objects |  |  |  | Falls, slips, trips |  |  |  |
|  |  |  | Total | Struck by object | Struck against object | Caught in or compressed or crushed | Total | Fall to lower level | Fall on same level | Slips or trips without fall |
| Power, distribution, and specialty transformer manufacturing | 335311 | 134.3 | 64.6 | 30.8 | 10.0 | 23.8 | 13.6 | - | 11.5 | - |
| Motor and generator manufacturing ....................... | 335312 | 80.7 | 15.6 | 8.1 | - | 4.4 | 9.0 | - | 6.2 | - |
| Switchgear and switchboard apparatus manufacturing $\qquad$ | 335313 | 73.8 | 13.6 | 5.1 | - | 4.8 | 14.6 | 5.8 | 7.9 | - |
| Relay and industrial control manufacturing Other electrical equipment and component | 335314 | 39.3 | 12.5 | 7.9 | - | 3.3 | 3.8 | - | - | - |
| manufacturing | 3359 | 48.6 | 13.1 | 4.3 | 2.6 | 3.8 | 10.2 | - | 6.1 | 2.9 |
| Battery manufacturing | 33591 | 76.4 | 19.4 | 6.9 | 7.2 | - | 7.9 | - | - | - |
| Communication and energy wire and cable manufacturing $\qquad$ | 33592 | 55.1 | 24.1 | - | - | - | 18.3 | - | - | 10.3 |
| Fiber optic cable manufacturing ........................... | 335921 | 32.6 | - | - | - | - | - | - | - | - |
| Other communication and energy wire manufacturing | 335929 | 70.9 | 38.2 | - | - | - | 24.3 | - | - | - |
| Wiring device manufacturing ................................... | 33593 | 35.0 | 8.2 | 4.4 | - | - | 12.6 | - | 11.0 | - |
| Current-carrying wiring device manufacturing ......... | 335931 | 35.5 | 8.6 | - | - | - | 15.2 | - | 14.0 | - |
| Noncurrent-carrying wiring device manufacturing .... | 335932 | 33.6 | - | - | - | - | - | - | - | - |
| All other electrical equipment and component manufacturing | 33599 | 42.7 | 8.4 | - | - | - | - | - | - | - |
| Transportation equipment manufacturing ${ }^{10}$...................... | 336 | 111.5 | 34.1 | 16.2 | 7.7 | 7.8 | 20.0 | 5.4 | 10.4 | 3.8 |
| Motor vehicle manufacturing ....................................... | 3361 | 147.6 | 25.2 | 10.8 | 9.1 | 4.2 | 29.9 | 4.6 | 17.1 | 7.1 |
| Automobile and light duty motor vehicle manufacturing | 33611 | 152.1 | 24.3 | 10.6 | 8.8 | 3.8 | 31.5 | 3.8 | 18.8 | 7.8 |
| Automobile manufacturing ................................... | 336111 | 165.7 | 25.9 | 11.4 | 8.5 | 4.5 | 33.3 | 3.6 | 20.3 | 8.3 |
| Light truck and utility vehicle manufacturing ............ | 336112 | 117.5 | 20.1 | 8.6 | 9.3 | - | 26.8 | 4.2 | 14.8 | 6.3 |
| Heavy duty truck manufacturing ............................... | 33612 | 125.1 | 29.8 | 11.9 | 11.0 | 6.0 | 21.9 | 9.0 | 8.9 | - |
| Motor vehicle body and trailer manufacturing ................ | 3362 | 191.1 | 73.6 | 37.0 | 14.9 | 14.5 | 34.9 | 13.5 | 13.6 | 6.7 |
| Motor vehicle body and trailer manufacturing ............. | 33621 | 191.1 | 73.6 | 37.0 | 14.9 | 14.5 | 34.9 | 13.5 | 13.6 | 6.7 |
| Motor vehicle body manufacturing ........................ | 336211 | 158.8 | 65.9 | 34.6 | 13.3 | 15.7 | 26.5 | 6.6 | 14.8 | 3.6 |
| Truck trailer manufacturing .................................. | 336212 | 239.3 | 83.5 | 40.5 | 18.4 | 15.3 | 54.0 | 26.4 | 12.9 | 12.7 |
| Travel trailer and camper manufacturing ................ | 336214 | 187.4 | 84.5 | 43.2 | 19.1 | 17.1 | 27.5 | 12.0 | 13.5 | - |
| Motor vehicle parts manufacturing ............................... | 3363 | 98.9 | 36.5 | 16.5 | 6.8 | 9.9 | 12.9 | 1.9 | 8.5 | 1.9 |
| Motor vehicle gasoline engine and engine parts manufacturing $\qquad$ | 33631 | 103.4 | 31.0 | 13.0 | 6.8 | 9.9 | 15.5 | - | 10.7 | 3.4 |
| Gasoline engine and engine parts manufacturing .... | 336312 | 91.2 | 26.5 | 11.5 | 6.9 | 7.4 | 11.7 | - | 9.3 | - |
| Motor vehicle electrical and electronic equipment manufacturing | 33632 | 74.7 | 16.5 | 8.5 | _ | 4.0 | 11.0 | - | 8.2 | - |
| Vehicular lighting equipment manufacturing ........... | 336321 | 64.5 | 15.3 | 9.7 | - | - | - | - | - | - |
| Other motor vehicle electrical and electronic equipment manufacturing | 336322 | 78.7 | 16.9 | 8.0 | - | 5.3 | 12.7 | - | 9.3 | - |
| Motor vehicle steering and suspension components (except spring) manufacturing | 33633 | 109.9 | 48.7 | 8.5 | 6.8 | 31.8 | 8.2 | - | - | - |
| Motor vehicle brake system manufacturing ................ | 33634 | 95.0 | 56.1 | 39.9 | - | - | 7.9 | - | - | - |


| Industry ${ }^{4}$ | Event or exposure leading to injury or illness ${ }^{6}$ |  |  |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Overexertion and bodily reaction |  |  | Expo- <br> sure to harmful substance or environment | Transportation incidents |  | Fires and explosions | Violence and other injuries by persons or animals |  |  |  | All other events ${ }^{7}$ |
|  | Total | In lifting | Repeti- tive motion |  | Total | Roadway incidents |  | Total | Intentional injury by other person | Injury by person--unintentional or intent unknown | Animal and insect related |  |
| Power, distribution, and specialty transformer manufacturing | 37.6 | 18.7 | - | 8.5 | 8.6 | - | - | - | - | - | - | - |
| Motor and generator manufacturing ...................... | 50.4 | 19.0 | 12.0 | 4.8 | - | - | - | - | - | - | - | - |
| Switchgear and switchboard apparatus manufacturing $\qquad$ | 41.6 | 17.3 | - | - | - | - | - | - | - | - | - | - |
| Relay and industrial control manufacturing | 20.3 | 7.9 | - | - | - | - | - | - | - | - | - | - |
| Other electrical equipment and component manufacturing $\qquad$ | 21.8 | 4.3 | 3.7 | 2.4 | - | - | - | - | - | - | - | - |
| Battery manufacturing ............................................ | 38.9 | 10.7 | 8.9 | 6.6 | - | - | - | - | - | - | - | - |
| Communication and energy wire and cable manufacturing $\qquad$ | 8.8 | - | - | - | - | - | - | - | - | - | - | - |
| Fiber optic cable manufacturing $\qquad$ Other communication and energy wire | - | - | - | - | - | - | - | - | - | - | - | - |
| manufacturing | - | - | - | - | - | - | - | - | - | - | - | - |
| Wiring device manufacturing ................................... | 13.2 | - | - | - | - | - | - | - | - | - | - | - |
| Current-carrying wiring device manufacturing ......... | 10.2 | - | - | - | - | - | - | _ | - | - | - | - |
| Noncurrent-carrying wiring device manufacturing .... | 22.8 | - | - | - | - | - | - | - | - | - | - | - |
| All other electrical equipment and component manufacturing | 28.6 | - | - | - | - | - | - | - | - | - | - | - |
| Transportation equipment manufacturing ${ }^{10}$...................... | 50.5 | 10.5 | 11.5 | 4.0 | 1.8 | 0.3 | - | 0.3 | - | 0.1 | - | 0.8 |
| Motor vehicle manufacturing ....................................... | 84.8 | 11.8 | 22.3 | 1.3 | 3.8 | - | - | - | - | - | - | 1.9 |
| Automobile and light duty motor vehicle manufacturing | 88.2 | 12.0 | 24.9 | - | 4.0 | - | - | - | - | - | - | 2.3 |
| Automobile manufacturing | 98.7 | 12.8 | 28.9 | - | 4.4 | - | - | - | - | - | - | - |
| Light truck and utility vehicle manufacturing ........... | 61.3 | 10.1 | 14.7 | - | - | - | - | - | - | - | - | 4.8 |
| Heavy duty truck manufacturing ............................... | 67.8 | 10.8 | 9.5 | - | - | - | - | - | - | - | - | - |
| Motor vehicle body and trailer manufacturing ................ | 68.3 | 20.4 | 11.2 | 12.1 | - | - | - | - | - | - | - | - |
| Motor vehicle body and trailer manufacturing ............. | 68.3 | 20.4 | 11.2 | 12.1 | - | - | - | - | - | - | - | - |
| Motor vehicle body manufacturing ........................ | 53.1 | 22.1 | 6.9 | 10.8 | - | - | - | - | - | - | - | - |
| Truck trailer manufacturing .................................. | 71.6 | 17.8 | 7.0 | 27.2 | - | - | - | - | - | - | - | - |
| Travel trailer and camper manufacturing ............... | 72.9 | 23.4 | 17.3 | 3 | - 7 | - | - | - | - | - | - | - |
| Motor vehicle parts manufacturing .............................. | 42.2 | 12.0 | 10.6 | 3.4 | 2.7 | . 5 | - | - | - | - | - | . 9 |
| Motor vehicle gasoline engine and engine parts manufacturing | 50.9 | 10.9 | 12.6 | 4.0 | - | - | - | - | - | - | - | - |
| Gasoline engine and engine parts manufacturing .... Motor vehicle electrical and electronic equipment | 48.2 | 11.5 | 11.5 | - | - | - | - | - | - | - | - | - |
| manufacturing ..................................................... | 43.1 | 8.8 | 11.6 | - | - | - | - | - | - | - | - | - |
| Vehicular lighting equipment manufacturing ........... | 41.9 | - | 20.3 | - | - | - | - | - | - | - | - | - |
| Other motor vehicle electrical and electronic equipment manufacturing | 43.6 | 9.2 | 8.2 | - | - | - | - | - | - | - | - | - |
| Motor vehicle steering and suspension components (except spring) manufacturing $\qquad$ | 44.4 | $16.8$ | 10.7 | - | - | - | - | - | - | - | - | - |
| Motor vehicle brake system manufacturing ................ | 24.8 | 10.4 | - | - | - | - | - | - | - | - | - | - |

See footnotes at end of table.

| Industry ${ }^{4}$ | NAICS code ${ }^{5}$ | Total cases | Event or exposure leading to injury or illness ${ }^{6}$ |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  | Contact with objects |  |  |  | Falls, slips, trips |  |  |  |
|  |  |  | Total | Struck by object | Struck against object | Caught in or compressed or crushed | Total | Fall to lower level | Fall on same level | Slips or trips without fall |
| Motor vehicle transmission and power train parts manufacturing $\qquad$ | 33635 | 90.7 | 26.7 | 7.2 | 7.4 | 10.3 | 13.1 | - | 7.2 | 3.6 |
| Motor vehicle seating and interior trim manufacturing | 33636 | 99.9 | 31.9 | 18.0 | 5.7 | 6.2 | 16.5 | - | 11.4 | - |
| Motor vehicle metal stamping .................................. | 33637 | 123.5 | 52.1 | 25.8 | 8.1 | 12.9 | 16.7 | - | 13.4 | - |
| Other motor vehicle parts manufacturing ................... | 33639 | 96.5 | 39.3 | 18.2 | 8.6 | 8.3 | 11.2 | 2.6 | 6.8 | 1.5 |
| All other motor vehicle parts manufacturing ............ | 336399 | 99.1 | 41.5 | 20.2 | 8.8 | 7.8 | 10.6 | 2.8 | 5.7 | 1.7 |
| Aerospace product and parts manufacturing ................. | 3364 | 64.9 | 15.1 | 5.8 | 4.9 | 3.5 | 13.5 | 3.8 | 7.9 | 1.7 |
| Aerospace product and parts manufacturing .............. | 33641 | 64.9 | 15.1 | 5.8 | 4.9 | 3.5 | 13.5 | 3.8 | 7.9 | 1.7 |
| Aircraft manufacturing ........................................ | 336411 | 75.6 | 13.8 | 5.3 | 5.9 | 2.3 | 18.0 | 6.2 | 9.4 | 2.3 |
| Aircraft engine and engine parts manufacturing ...... Other aircraft parts and auxiliary equipment | 336412 | 51.2 | 14.6 | 5.5 | 4.5 | 3.1 | 5.9 | - | 3.6 | - |
| manufacturing ..................................... | 336413 | 80.0 | 26.3 | 9.6 | 5.7 | 8.9 | 14.0 | 1.7 | 10.3 | 1.6 |
| Guided missile and space vehicle manufacturing .... | 336414 | 18.5 | 3.1 | - | - | - | 6.0 | - | 3.9 | - |
| Guided missile and space vehicle propulsion unit and propulsion unit parts manufacturing $\qquad$ Other guided missile and space vehicle parts and auxiliary equipment manufacturing $\qquad$ | 336415 336419 | 34.1 47.6 | - | - | - | - <br> - <br> -5 | - - 10.8 | - | - | - |
| Railroad rolling stock manufacturing ............................ | 3365 | 89.1 | 40.3 | 19.3 | - | 15.5 | 10.8 | - | - | - |
| Ship and boat building ${ }^{10}$............................................. | 3366 | 223.7 | 73.0 | 43.0 | 12.6 | 14.3 | 48.9 | 20.0 | 17.2 | 11.7 |
| Ship and boat building ${ }^{10}$......................................... | 33661 | 223.7 | 73.0 | 43.0 | 12.6 | 14.3 | 48.9 | 20.0 | 17.2 | 11.7 |
| Ship building and repairing .................................. | 336611 | 239.4 | 74.9 | 44.5 | 12.9 | 15.4 | 49.7 | 19.7 | 17.4 | 12.6 |
| Boat building ${ }^{10}$.................................................. | 336612 | 170.9 | 66.5 | 38.0 | 11.6 | 10.9 | 46.3 | 20.8 | 16.7 | 8.8 |
| Other transportation equipment manufacturing .............. | 3369 | 103.4 | 27.4 | 11.0 | 11.8 | - | 11.5 | - | 6.4 | - |
| Other transportation equipment manufacturing ........... | 33699 | 103.4 | 27.4 | 11.0 | 11.8 | - | 11.5 | - | 6.4 | - |
| Motorcycle, bicycle, and parts manufacturing .......... | 336991 | 161.8 | 32.6 | - | 24.7 | - | 12.6 | - | - | - |
| Military armored vehicle, tank, and tank component manufacturing | 336992 | 43.3 | - | - | - | - | - | - | - | - |
| All other transportation equipment manufacturing ... | 336999 | 82.0 | 32.9 | 16.3 | - | - | - | - | - | - |
| Furniture and related product manufacturing ${ }^{10}$.................. | 337 | 112.2 | 45.0 | 20.8 | 13.2 | 9.2 | 14.2 | 1.8 | 10.6 | 1.5 |
| Household and institutional furniture and kitchen cabinet manufacturing ${ }^{10}$ $\qquad$ | 3371 | 113.2 | 40.3 | 18.5 | 13.7 | 7.1 | 16.3 | 1.4 | 13.6 | 1.0 |
| Wood kitchen cabinet and countertop manufacturing .. | 33711 | 105.4 | 38.6 | 12.5 | 14.7 | 10.5 | 12.6 | - | 10.9 | - |
| Household and institutional furniture manufacturing ${ }^{10}$ | 33712 | 119.3 | 41.6 | 23.3 | 13.0 | 4.4 | 19.2 | 2.0 | 15.7 | - |
| Upholstered household furniture manufacturing ...... Nonupholstered wood household furniture | 337121 | 125.1 | 38.5 | 25.7 | 8.6 | 3.2 | 26.0 | - | 22.9 | - |
| manufacturing $\qquad$ | 337122 | 110.8 | 62.5 | 27.0 | 26.9 | 7.4 | 14.5 | - | 11.2 | - |
| Household furniture (except wood and metal) manufacturing | 337125 | 155.2 | - | - | - | - | - | - | - | - |
| Institutional furniture manufacturing ${ }^{10} . . . . . . . . . . . . . . . . . . ~$ | 337127 | 127.1 | 31.3 | 18.2 | - | - | 17.4 | - | 13.1 | - |
| Office furniture (including fixtures) manufacturing ........... | 3372 | 113.3 | 58.6 | 23.3 | 15.5 | 15.9 | 10.3 | 2.9 | 4.8 | 2.3 |
| Office furniture (including fixtures) manufacturing ........ | 33721 | 113.3 | 58.6 | 23.3 | 15.5 | 15.9 | 10.3 | 2.9 | 4.8 | 2.3 |
| Wood office furniture manufacturing ...................... | 337211 | 71.1 | 38.6 | 30.8 | - | - | - | - | - | - |


| Industry ${ }^{4}$ | Event or exposure leading to injury or illness ${ }^{6}$ |  |  |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Overexertion and bodily reaction |  |  | Exposure to harmful substance or environment | Transportation incidents |  | Fires and explosions | Violence and other injuries by persons or animals |  |  |  | All other events ${ }^{7}$ |
|  | Total | In lifting | Repetitive motion |  | Total | Roadway incidents |  | Total | Intentional injury by other person | Injury by person--unintentional or intent unknown | Animal and insect related |  |
| Motor vehicle transmission and power train parts manufacturing | 44.7 | 15.4 | 8.3 | - | 2.5 | - | - | - | - | - | - | - |
| Motor vehicle seating and interior trim manufacturing | 43.5 | 13.6 | 18.4 | 4.4 | - | - | - | - | - | - | - | - |
| Motor vehicle metal stamping ................................. | 44.6 | 14.0 | 10.4 | 5.7 | 4.0 | - | - | - | - | - | - | - |
| Other motor vehicle parts manufacturing ................... | 37.8 | 9.8 | 8.4 | 3.0 | 3.5 | - | - | - | - | - | - | - |
| All other motor vehicle parts manufacturing ............ | 40.8 | 10.9 | 8.6 | 3.1 | - | - | - | - | - | - | - | - |
| Aerospace product and parts manufacturing ................. | 33.4 | 4.5 | 10.5 | 1.9 | . 3 | - | - | - | - | - | - | 0.4 |
| Aerospace product and parts manufacturing .............. | 33.4 | 4.5 | 10.5 | 1.9 | . 3 | - | - | - | - | - | - | . 4 |
| Aircraft manufacturing | 42.4 | 2.6 | 14.4 | . 8 | - | - | - | - | - | - | - | - |
| Aircraft engine and engine parts manufacturing ...... Other aircraft parts and auxiliary equipment | 28.2 | 6.2 | 10.5 | - | - | - | - | - | - | - | - | - |
| manufacturing ................................................. | 33.4 | 8.9 | 7.3 | 5.3 | - | - | - | - | - | - | - | - |
| Guided missile and space vehicle manufacturing .... | 8.3 | - | - | - | - | - | - | - | - | - | - | - |
| Guided missile and space vehicle propulsion unit and propulsion unit parts manufacturing | 15.3 | - | - | - | - | - | - | - | - | - | - | - |
| Other guided missile and space vehicle parts and auxiliary equipment manufacturing | 34.0 | 10.7 | - | - | - | - | - | - | - | - | - | - |
| Railroad rolling stock manufacturing Ship and boat building ${ }^{10}$ | 34.0 87.4 | 10.7 11.1 | $\overline{7.1}$ | - 11.0 | - 2.8 | - | - | - | - | - | - | - |
| Ship and boat building 10 ......................................................................... | 87.4 | 11.1 | 7.1 | 11.0 | 2.8 | - | - | - | - | - | - | - |
| Ship building and repairing ................................... | 97.3 | 11.3 | 6.3 | 13.5 | 3.6 | - | - | - | - | - | - | - |
| Boat building ${ }^{10}$.................................................. | 54.0 | 10.3 | 9.8 | - | - | - | - | - | - | - | - | - |
| Other transportation equipment manufacturing ............... | 60.9 | 33.1 | 13.7 | - | - | - | - | - | - | - | - | - |
| Other transportation equipment manufacturing ........... | 60.9 | 33.1 | 13.7 | - | - | - | - | - | - | - | - | - |
| Motorcycle, bicycle, and parts manufacturing ......... | 111.0 | 70.8 | 25.3 | - | - | - | - | - | - | - | - | - |
| Military armored vehicle, tank, and tank component manufacturing | 21.5 | - | - | - | - | - | - | - | - | - | - | - |
| All other transportation equipment manufacturing ... | 33.6 | 15.1 | - | - | - | - | - | - | - | - | - | - |
| Furniture and related product manufacturing 10 .................. | 46.4 | 21.5 | 5.4 | 2.0 | 2.4 | 0.6 | - | - | - | - | - | 2.1 |
| Household and institutional furniture and kitchen cabinet manufacturing ${ }^{10}$ | 48.9 | 23.1 | 6.6 | 1.9 | 3.0 | - | - | - | - | - | - | 2.8 |
| Wood kitchen cabinet and countertop manufacturing .. | 51.1 | 32.9 | 5.0 |  | 2.3 | - | - | - | - | - | - | - |
| Household and institutional furniture manufacturing ${ }^{10}$ | 47.1 | 15.4 | 7.8 | 2.7 | 3.5 | - | - | - | - | - | - | 5.1 |
| Upholstered household furniture manufacturing ...... Nonupholstered wood household furniture | 57.5 | 21.2 | 11.1 | - | - | - | - | - | - | - | - | - |
| manufacturing | 30.7 | 6.2 | 4.6 | - | - | - | - | - | - | - | - | - |
| Household furniture (except wood and metal) manufacturing $\qquad$ | 88.8 | - | - | - | - | - | - | - | - | - | - | - |
| Institutional furniture manufacturing ${ }^{10}$.................... | 41.7 | 12.3 | - | - | - | - | - | - | - | - | - | - |
| Office furniture (including fixtures) manufacturing ........... | 37.8 | 19.3 | 2.3 | 2.7 | 1.9 | - | - | - | - | - | - | - |
| Office furniture (including fixtures) manufacturing ........ | 37.8 | 19.3 | 2.3 | 2.7 | 1.9 | - | - | - | - | - | - | - |
| Wood office furniture manufacturing ...................... | 24.8 | 9.5 | - | - | - | - | - | - | - | - | - | - |

See footnotes at end of table.

| Industry ${ }^{4}$ | NAICS code5 | Total cases | Event or exposure leading to injury or illness ${ }^{6}$ |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  | Contact with objects |  |  |  | Falls, slips, trips |  |  |  |
|  |  |  | Total | Struck by object | Struck against object | Caught in or compressed or crushed | Total | Fall to lower level | Fall on same level | Slips or trips without fall |
| Custom architectural woodwork and millwork manufacturing | 337212 | 116.0 | 79.4 | 37.9 | 10.1 | 31.4 | 11.2 | - | - | - |
| Office furniture (except wood) manufacturing ......... | 337214 | 82.6 | 37.6 | 12.3 | 8.4 | 12.9 | - | - | - | - |
| Showcase, partition, shelving, and locker manufacturing | 337215 | 143.5 | 69.3 | 20.7 | 25.8 | 16.5 | 12.8 | 4.8 | 4.3 | - |
| Other furniture related product manufacturing ................ | 3379 | 103.5 | 34.4 | 27.4 | - | - | 12.2 | - | 8.9 | - |
| Mattress manufacturing .......................................... | 33791 | 121.6 | 26.6 | 17.3 | - | - | 15.2 | - | 12.0 | - |
| Blind and shade manufacturing ............................... | 33792 | 65.7 | 50.7 | 48.3 | - | - | - | - | - | - |
| Miscellaneous manufacturing ......................................... | 339 | 67.2 | 22.0 | 10.9 | 3.8 | 5.8 | 12.0 | 2.1 | 6.8 | 3.0 |
| Medical equipment and supplies manufacturing ............. | 3391 | 53.5 | 13.0 | 4.1 | 4.6 | 3.2 | 11.3 | 1.2 | 8.3 | 1.8 |
| Medical equipment and supplies manufacturing ......... | 33911 | 53.5 | 13.0 | 4.1 | 4.6 | 3.2 | 11.3 | 1.2 | 8.3 | 1.8 |
| Surgical and medical instrument manufacturing ...... | 339112 | 46.0 | 9.3 | 3.1 | 3.3 | 2.7 | 16.1 | 1.4 | 12.2 | 2.3 |
| Surgical appliance and supplies manufacturing ${ }^{10} \ldots$. | 339113 | 53.1 | 16.0 | 4.9 | 4.9 | 4.0 | 9.3 | - | 5.5 | 2.5 |
| Dental equipment and supplies manufacturing ........ | 339114 | 75.1 | 20.2 | - | 11.2 | - | - | - | - | - |
| Ophthalmic goods manufacturing ........................ | 339115 | 123.0 | 29.8 | 10.1 | 12.3 | 7.4 | 12.2 | - | 11.9 | - |
| Dental laboratories ............................................ | 339116 | 18.4 | - | - | - | - | - | - | - | - |
| Other miscellaneous manufacturing ............................. | 3399 | 83.0 | 32.5 | 18.8 | 2.9 | 8.7 | 12.8 | 3.1 | 5.2 | 4.5 |
| Jewelry and silverware manufacturing ...................... | 33991 | 28.3 | 15.3 | 7.1 | - | 5.8 | - | - | - | - |
| Jewelry (except costume) manufacturing ................ | 339911 | 37.7 | 20.8 | 9.6 | - | 7.9 | - | - | - | - |
| Sporting and athletic goods manufacturing ................. | 33992 | 81.3 | 30.5 | 22.0 | - | - | 12.0 | - | 10.0 | - |
| Doll, toy, and game manufacturing .......................... | 33993 | 75.2 | 19.7 | - | - | - | 28.8 | - | 24.3 | - |
| Game, toy, and children's vehicle manufacturing .... | 339932 | 61.4 | 24.6 | - | - | - | - | - | - | - |
| Office supplies (except paper) manufacturing ............. | 33994 | 93.2 | 18.1 | - | - | - | - | - | - | - |
| Sign manufacturing ............................................... | 33995 | 79.0 | 21.8 | 15.0 | - | 5.0 | 24.0 | 4.8 | 3.9 | 15.2 |
| All other miscellaneous manufacturing ................. | 33999 | 99.3 | 46.7 | 26.2 | 4.7 | 13.9 | 8.9 | 3.6 | 3.5 | 1.7 |
| Gasket, packing, and sealing device manufacturing | 339991 | 59.8 | 22.3 | 8.8 | 7.7 | 5.2 | 6.9 | - | - | - |
| Musical instrument manufacturing ........................ | 339992 | 203.2 | 43.0 | - | - | 22.5 | 18.5 | - | - | - |
| Broom, brush, and mop manufacturing .................. | 339994 | 153.8 | 72.5 | 19.1 | - | 42.9 | - | - | - | - |
| Burial casket manufacturing | 339995 | 91.7 | - | - | - | - | - | - | - | - |
| All other miscellaneous manufacturing .................. | 339999 | 97.9 | 60.9 | 41.7 | 4.1 | 13.2 | 9.0 | 6.3 | - | - |
| Service providing ............................................ |  | 97.1 | 21.0 | 12.4 | 5.2 | 2.5 | 24.7 | 4.4 | 15.7 | 4.0 |
| Trade, transportation, and utilities ${ }^{12}$..................... |  | 130.7 | 32.7 | 19.2 | 7.6 | 4.3 | 29.8 | 7.2 | 16.2 | 5.2 |
| Wholesale trade | 42 | 105.2 | 26.5 | 14.8 | 5.4 | 5.2 | 21.2 | 6.1 | 9.9 | 3.9 |
| Merchant wholesalers, durable goods ............................ Motor vehicle and motor vehicle parts and supplies | 423 | 88.9 | 28.8 | 16.8 | 5.7 | 5.1 | 15.3 | 5.2 | 6.1 | 3.1 |
| merchant wholesalers | 4231 | 142.8 | 42.7 | 31.4 | 7.5 | 1.6 | 33.9 | 15.9 | 10.8 | 6.8 |
| Furniture and home furnishing merchant wholesalers ..... Lumber and other construction materials merchant | 4232 | 57.3 | 25.1 | 7.5 | 14.3 | - | 8.5 | - | 6.4 | - |
| wholesalers | 4233 | 151.9 | 41.5 | 23.8 | 11.8 | 4.7 | 28.7 | 10.9 | 6.1 | 11.8 |



| Industry ${ }^{4}$ | NAICS code ${ }^{5}$ | Total cases | Event or exposure leading to injury or illness ${ }^{6}$ |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  | Contact with objects |  |  |  | Falls, slips, trips |  |  |  |
|  |  |  | Total | Struck by object | Struck against object | Caught in or compressed or crushed | Total | Fall to lower level | Fall on same level | Slips or trips without fall |
| Professional and commercial equipment and supplies merchant wholesalers $\qquad$ | 4234 | 46.0 | 13.2 | 5.6 | 1.5 | 5.6 | 7.1 | 2.3 | 3.1 | 0.6 |
| Metal and mineral (except petroleum) merchant wholesalers | 4235 | 168.1 | 79.1 | 44.8 | 8.9 | 24.7 | 21.2 | 9.5 | 10.6 | - |
| Electrical goods merchant wholesalers | 4236 | 35.4 | 8.3 | 4.6 | 1.7 | 1.6 | 7.4 | 4.6 | 1.8 | . 7 |
| Hardware, and plumbing and heating equipment and supplies merchant wholesalers $\qquad$ | 4237 | 79.3 | 27.3 | 14.4 | 9.5 | 2.5 | 4.5 | - | 1.8 | 1.4 |
| Machinery, equipment, and supplies merchant wholesalers | 4238 | 97.2 | 31.0 | 16.8 | 5.2 | 6.4 | 17.8 | 2.7 | 9.4 | 4.7 |
| Miscellaneous durable goods merchant wholesalers ....... | 4239 | 108.8 | 37.8 | 27.2 | 7.2 | 2.7 | 16.1 | 6.4 | 6.1 | 1.7 |
| Sporting and recreational goods and supplies merchant wholesalers | 42391 | 42.6 | 13.0 | - | 10.1 | - | 11.5 | - | 8.9 | - |
| Toy and hobby goods and supplies merchant wholesalers | 42392 | 14.8 | - | - | - | - | - | - | - | - |
| Recyclable material merchant wholesalers ............. | 42393 | 191.1 | 75.2 | 60.1 | 11.4 | 3.1 | 31.7 | 14.1 | 9.6 | 3.7 |
| Jewelry, watch, precious stone, and precious metal merchant wholesalers | 42394 | 8.4 | - | - | - | - | - | - | - | - |
| Other miscellaneous durable goods merchant wholesalers $\qquad$ | 42399 | 83.4 | 16.1 | 5.6 | - | 6.0 | - | - | - | - |
| Merchant wholesalers, nondurable goods ........................ | 424 | 158.5 | 31.6 | 16.7 | 6.8 | 6.5 | 36.8 | 9.9 | 18.8 | 5.9 |
| Paper and paper product merchant wholesalers ............ | 4241 | 124.3 | 23.1 | 14.2 | 3.1 | 5.7 | 20.7 | 8.3 | 5.0 | 6.6 |
| Drugs and druggists' sundries merchant wholesalers ...... | 4242 | 59.7 | 8.8 | 5.9 | 1.6 | - | 25.0 | 1.4 | 22.3 | 1.3 |
| Apparel, piece goods, and notions merchant wholesalers | 4243 | 71.5 | 7.0 | 5.0 | - | - | 11.1 | - | 7.8 | 1.8 |
| Grocery and related product merchant wholesalers ........ | 4244 | 215.8 | 48.2 | 21.2 | 12.5 | 13.1 | 48.4 | 14.3 | 25.2 | 7.2 |
| Farm product raw material merchant wholesalers .......... | 4245 | 133.4 | 30.1 | 12.5 | 14.8 | - | 46.8 | 9.6 | 17.6 | 11.8 |
| Petroleum and petroleum products merchant wholesalers | 4247 | 156.5 | 22.8 | 7.4 | - | 4.4 | 31.0 | 10.9 | 15.3 | 4.7 |
| Beer, wine, and distilled alcoholic beverage merchant wholesalers | 4248 | 277.7 | 55.7 | 41.4 | 8.5 | 5.5 | 54.1 | 8.6 | 31.1 | 12.6 |
| Miscellaneous nondurable goods merchant wholesalers | 4249 | 112.1 | 19.3 | 12.8 | 2.6 | 1.5 | 33.6 | 9.3 | 13.1 | 4.7 |
| Wholesale electronic markets and agents and brokers ....... | 425 | 40.1 | 7.8 | 3.8 | 1.0 | 2.9 | 5.8 | . 6 | 2.5 | 1.9 |
| Retail trade | 44-45 | 112.6 | 31.7 | 19.7 | 7.6 | 3.0 | 27.4 | 5.6 | 17.3 | 4.1 |
| Motor vehicle and parts dealers | 441 | 108.2 | 33.0 | 18.3 | 6.8 | 5.0 | 23.9 | 3.4 | 13.5 | 6.3 |
| Automobile dealers | 4411 | 95.8 | 29.5 | 15.1 | 7.6 | 3.5 | 23.0 | 2.6 | 15.0 | 4.4 |
| New car dealers | 44111 | 103.4 | 30.9 | 15.8 | 8.6 | 3.1 | 25.0 | 2.7 | 16.1 | 5.0 |
| Used car dealers | 44112 | 36.5 | 18.8 | 8.9 | - | 6.6 | 7.6 | - | 6.3 | - |
| Other motor vehicle dealers ........................................ | 4412 | 120.7 | 36.0 | 17.6 | 4.1 | 12.5 | 35.2 | 15.3 | 19.6 | - |
| Recreational vehicle dealers .................................... | 44121 | 183.7 | 40.3 | 30.1 | - | - | 103.8 | 52.4 | 51.3 | - |
| Motorcycle, boat, and other motor vehicle dealers ...... | 44122 | 98.8 | 34.5 | 13.3 | - | 16.9 | 11.4 | - | 8.6 | - |
| Automotive parts, accessories, and tire stores ............... | 4413 | 134.1 | 40.3 | 26.1 | 5.7 | 6.6 | 23.0 | 2.3 | 8.5 | 12.2 |

[^14]| Industry ${ }^{4}$ | Event or exposure leading to injury or illness ${ }^{6}$ |  |  |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Overexertion and bodily reaction |  |  | Exposure to harmful substance or environment | Transportation incidents |  | Fires and explosions | Violence and other injuries by persons or animals |  |  |  | All other events ${ }^{7}$ |
|  | Total | In lifting | Repetitive motion |  | Total | Roadway incidents |  | Total | Intentional injury by other person | Injury by person--unintentional or intent unknown | Animal and insect related |  |
| Professional and commercial equipment and supplies merchant wholesalers $\qquad$ | 20.6 | 6.6 | 4.1 | 1.5 | 3.3 | 2.8 | - | - | - | - | - | 0.2 |
| Metal and mineral (except petroleum) merchant wholesalers $\qquad$ | 46.8 | 21.9 | 3.6 | 4.3 | 16.0 | 2.8 | - | - | - | - | - | - |
| Electrical goods merchant wholesalers ......................... | 14.2 | 6.6 | - | . 9 | 2.4 | 2.4 | - | 1.0 | - | - | - | 1.2 |
| Hardware, and plumbing and heating equipment and supplies merchant wholesalers | 41.0 | 19.9 | 1.7 | - | 3.1 | 2.4 | - | - | - | - | - | 3.2 |
| Machinery, equipment, and supplies merchant wholesalers | 40.6 | 10.3 | 2.4 | 4.8 | 1.4 | 1.2 | - | . 9 | - | - | - | . 5 |
| Miscellaneous durable goods merchant wholesalers ...... | 36.3 | 7.6 | - | 7.9 | 9.2 | 3.6 | - | 1.0 | - | - | - | - |
| Sporting and recreational goods and supplies merchant wholesalers | 16.1 | - | - | - | - | - | - | - | - | - | - | - |
| Toy and hobby goods and supplies merchant wholesalers $\qquad$ | 12.8 | 9.0 | - | - | - | - | - | - | - | - | - | - |
| Recyclable material merchant wholesalers ............. | 57.9 | 9.3 | - | 16.1 | 7.9 | 3.1 | - | - | - | - | - | - |
| Jewelry, watch, precious stone, and precious metal merchant wholesalers | 4.3 | - | - | - | - | - | - | - | - | - | - | - |
| Other miscellaneous durable goods merchant wholesalers $\qquad$ | 34.6 | 11.4 | - | - | 25.6 | 10.0 | _ | - | - | - | - | - |
| Merchant wholesalers, nondurable goods | 69.3 | 30.4 | 3.4 | 2.3 | 13.5 | 5.8 | 0.1 | 1.4 | 0.2 | 0.1 | 1.1 | 3.5 |
| Paper and paper product merchant wholesalers ............ | 57.1 | 24.6 | 12.8 | 7.5 | 5.1 | - | - | - | - | - | - | 10.4 |
| Drugs and druggists' sundries merchant wholesalers ...... | 17.1 | 6.5 | 1.3 | - | 7.2 | 4.0 | - | - | - | - | - | - |
| Apparel, piece goods, and notions merchant wholesalers | 21.3 | 12.1 | 3.0 | 2.7 | 4.3 | - | - | - | - | - | - | - |
| Grocery and related product merchant wholesalers ........ | 98.0 | 48.9 | 4.4 | 1.4 | 16.7 | 6.4 | - | . 5 | - | - | . 3 | 2.6 |
| Farm product raw material merchant wholesalers .......... | 37.4 | 12.2 | - | - | 4.3 | 3.6 | - | 9.9 | - | - | 9.9 | - |
| Petroleum and petroleum products merchant wholesalers $\qquad$ | 72.4 | 12.5 | - | 5.6 | 14.1 | 14.0 | - | 9.3 | - | - | - | - |
| Beer, wine, and distilled alcoholic beverage merchant wholesalers | 138.5 | 65.5 | 4.6 | 1.8 | 25.3 | 8.7 | - | 1.0 | - | - | - | 1.2 |
| Miscellaneous nondurable goods merchant wholesalers | 40.5 | 15.3 | 1.2 | 1.5 | 15.8 | 5.2 | - | . 9 | - | - | . 8 | . 6 |
| Wholesale electronic markets and agents and brokers ....... | 15.8 | 6.7 | 1.9 | 7.2 | 2.5 | 1.2 | . 5 | . 4 | - | - | . 3 | - |
| Retail trade | 43.1 | 19.3 | 3.3 | 3.5 | 3.4 | 2.1 | . 3 | 2.0 | . 6 | . 5 | . 9 | 1.2 |
| Motor vehicle and parts dealers ...................................... | 37.9 | 16.7 | 3.1 | 4.4 | 7.8 | 5.8 | . 4 | . 4 | . 3 | - | . 1 | . 3 |
| Automobile dealers | 31.8 | 11.6 | 1.9 | 4.3 | 6.1 | 4.3 | . 3 | . 2 | - | - | - | . 5 |
| New car dealers | 35.3 | 12.8 | 2.1 | 4.6 | 6.5 | 4.8 | . 3 | . 3 | - | - | - | . 5 |
| Used car dealers .................................................. | 4.4 | - | - | 2.7 | 2.6 | - | - | - | - | - | - | - |
| Other motor vehicle dealers ........................................ | 28.5 | 14.0 | - | 7.2 | 12.5 | 9.0 | - | - | - | - | - | - |
| Recreational vehicle dealers ................................... | 34.5 | - | - | - | - | - | - | - | - | - | - | - |
| Motorcycle, boat, and other motor vehicle dealers ...... | 26.4 | 13.2 | - | 9.7 | 16.8 | 12.1 | - | - | - | - | - | - |
| Automotive parts, accessories, and tire stores ............... | 54.6 | 29.5 | 6.7 | 4.0 | 10.6 | 8.6 | . 9 | - | - | - | - | - |

[^15]| Industry ${ }^{4}$ | NAICS code5 | Total cases | Event or exposure leading to injury or illness ${ }^{6}$ |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  | Contact with objects |  |  |  | Falls, slips, trips |  |  |  |
|  |  |  | Total | Struck by object | Struck against object | Caught in or compressed or crushed | Total | Fall to lower level | Fall on same level | Slips or trips without fall |
| Automotive parts and accessories stores | 44131 | 100.2 | 32.4 | 21.3 | 4.6 | 6.1 | 14.7 | 2.7 | 10.1 | 1.9 |
| Tire dealers | 44132 | 189.1 | 53.2 | 33.8 | 7.5 | 7.4 | 36.3 | - | 6.0 | 28.8 |
| Furniture and home furnishings stores .............................. | 442 | 141.3 | 33.1 | 26.1 | 6.0 | . 8 | 34.8 | 20.8 | 9.1 | 4.7 |
| Furniture stores | 4421 | 130.1 | 22.7 | 19.2 | 3.3 | - | 26.3 | 15.5 | 7.9 | 2.8 |
| Home furnishings stores | 4422 | 154.9 | 45.7 | 34.7 | 9.3 | 1.7 | 45.3 | 27.3 | 10.5 | 7.1 |
| Floor covering stores .............................................. | 44221 | 70.6 | - | - | - | - | 47.9 | 32.3 | - | - |
| Other home furnishings stores ................................. | 44229 | 202.7 | 68.6 | 53.8 | 12.1 | 2.6 | 43.8 | 24.4 | 11.1 | 8.2 |
| Appliance, television, and other electronics stores |  | - | 29.6 | 17.8 | 4.3 | - | 18.8 | 4.3 | 13.1 | - |
| Computer and software stores | 44312 | 37.8 | 11.4 | 6.8 | 1.4 | 3.0 | 10.1 | - | 7.9 | - |
| Building material and garden equipment and supplies dealers $\qquad$ | 444 | 171.1 | 54.8 | 37.4 | 10.4 | 4.8 | 26.6 | 6.7 | 13.0 | 6.1 |
| Building material and supplies dealers .......................... | 4441 | 172.9 | 56.1 | 38.0 | 10.8 | 5.0 | 24.0 | 5.7 | 13.3 | 4.1 |
| Home centers ........................................................ | 44411 | 199.6 | 63.3 | 44.0 | 12.4 | 4.1 | 27.4 | 6.0 | 17.5 | 3.3 |
| Paint and wallpaper stores | 44412 | 51.5 | 15.7 | - | 9.6 | - | - | - | - | - |
| Hardware stores .................................................... | 44413 | 87.0 | 37.2 | 32.1 | 2.9 | 1.6 | 10.2 | 3.5 | 5.5 | - |
| Other building material dealers ................................ | 44419 | 160.4 | 51.3 | 28.4 | 10.7 | 10.0 | 24.9 | 6.7 | 7.5 | 8.9 |
| Lawn and garden equipment and supplies stores ........... | 4442 | 156.8 | 44.4 | 32.6 | 6.8 | 2.9 | 48.4 | 15.5 | 10.6 | 21.8 |
| Outdoor power equipment stores ............................. | 44421 | 96.5 | 38.2 | 23.6 | - | - | 14.0 | - | - | - |
| Nursery, garden center, and farm supply stores ........ | 44422 | 177.0 | 46.5 | 35.6 | 6.9 | - | 59.9 | 19.0 | 12.3 | 28.5 |
| Food and beverage stores ............................................. | 445 | 142.7 | 45.1 | 25.7 | 13.0 | 5.4 | 30.2 | 4.0 | 21.6 | 4.2 |
| Grocery stores ......................................................... | 4451 | 146.9 | 45.0 | 25.4 | 12.9 | 5.6 | 31.5 | 3.5 | 23.1 | 4.5 |
| Supermarkets and other grocery (except convenience) stores | 44511 | 155.3 | 47.8 | 27.1 | 13.8 | 5.9 | 33.3 | 3.8 | 24.6 | 4.7 |
| Meat markets ....................................................... | 44521 | 189.1 | 161.1 | 68.7 | 69.4 | - | - | - | - | - |
| Fruit and vegetable markets .................................... | 44523 | 89.7 | 32.7 | 11.6 | 18.5 | - | 18.0 | - | 7.2 | - |
| Other specialty food stores ..................................... | 44529 | 120.8 | 13.5 | 9.1 | - | - | 35.2 | 3.7 | 27.8 | 3.7 |
| Beer, wine, and liquor stores ...................................... | 4453 | 89.2 | 33.3 | 31.5 | - | - | 17.8 | 14.8 | - | - |
| Health and personal care stores | 446 | 63.7 | 8.4 | 5.5 | 2.3 | - | 21.4 | 4.3 | 16.4 | - |
| Health and personal care stores .................................. | 4461 | 63.7 | 8.4 | 5.5 | 2.3 | _ | 21.4 | 4.3 | 16.4 | - |
| Pharmacies and drug stores ................................... | 44611 | 67.8 | 7.2 | 4.3 | 3.0 | - | 19.4 | 5.7 | 12.8 | . 9 |
| Cosmetics, beauty supplies, and perfume stores ........ | 44612 | 75.3 | 22.3 | 22.0 | - | _ | 38.2 | - | 35.2 | . |
| Other health and personal care stores ....................... | 44619 | 44.8 | 9.5 | - | - | - | 9.4 | - | 9.4 | - |
| Gasoline stations .......................................................... | 447 | 69.0 | 18.0 | 10.6 | 6.9 | - | 21.2 | 2.3 | 15.1 | 3.8 |
| Gasoline stations ....................................................... | 4471 | 69.0 | 18.0 | 10.6 | 6.9 | - | 21.2 | 2.3 | 15.1 | 3.8 |
| Gasoline stations with convenience stores ................ | 44711 | 69.9 | 18.5 | 10.8 | 7.7 | - | 21.3 | 2.5 | 14.8 | 4.0 |
| Other gasoline stations .......................................... | 44719 | 62.7 | 14.5 | 9.3 | - | - | 20.1 | - | 17.5 | - |
| Clothing and clothing accessories stores .......................... | 448 | 65.6 | 17.1 | 10.0 | 5.3 | 1.4 | 32.9 | 9.3 | 22.3 | 1.2 |
| Clothing stores ........................................................ | 4481 | 80.3 | 22.0 | 12.2 | 7.3 | 1.9 | 40.0 | 10.1 | 28.7 | 1.2 |

[^16]

| Industry ${ }^{4}$ | NAICS code ${ }^{5}$ | Total cases | Event or exposure leading to injury or illness ${ }^{6}$ |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  | Contact with objects |  |  |  | Falls, slips, trips |  |  |  |
|  |  |  | Total | Struck by object | Struck against object | Caught in or compressed or crushed | Total | Fall to lower level | Fall on same level | Slips or trips without fall |
| Men's clothing stores | 44811 | 62.1 | 39.8 | 37.2 | - | - | - | - | - | - |
| Women's clothing stores | 44812 | 89.5 | 25.8 | 19.8 | - | 3.6 | 49.8 | - | 48.2 | - |
| Family clothing stores | 44814 | 93.2 | 27.0 | 8.7 | 14.7 | 2.3 | 39.1 | 11.6 | 24.8 | 2.6 |
| Clothing accessories stores ..................................... | 44815 | 20.7 | - | - | - | - | - | - | - | - |
| Shoe stores | 4482 | 48.7 | 8.6 | 8.4 | - | - | 25.7 | 14.4 | - | - |
| Jewelry, luggage, and leather goods stores ................... | 4483 | 5.7 | - | - | - | - | - | - | - | - |
| Jewelry stores | 44831 | 6.5 | - | - | - | - | - | - | - | - |
| Sporting goods, hobby, book, and music stores ................ | 451 | 72.5 | 19.1 | 10.8 | 6.6 | . 8 | 18.2 | 3.9 | 9.5 | 4.7 |
| Sporting goods, hobby, and musical instrument stores ... | 4511 | 79.1 | 22.9 | 12.5 | 8.1 | 1.1 | 16.6 | 4.3 | 8.8 | 3.3 |
| Sporting goods stores ........................................... | 45111 | 98.0 | 29.8 | 12.7 | 13.3 | 1.9 | 18.4 | 5.8 | 11.1 | 1.3 |
| Hobby, toy, and game stores | 45112 | 54.3 | 13.4 | 11.7 | - | - | 11.1 | 3.1 | - | 6.3 |
| Sewing, needlework, and piece goods stores ............. | 45113 | 60.7 | 17.4 | 14.2 | - | - | 31.1 | - | 24.4 | - |
| Musical instrument and supplies stores ..................... | 45114 | 47.4 | - | - | - | - | - | - | - | - |
| Book, periodical, and music stores | 4512 | 47.3 | 4.7 | 4.1 | - | - | 24.5 | - | 12.5 | - |
| Book stores and news dealers ................................ | 45121 | 53.8 | 5.4 | 4.8 | - | - | 28.7 | - | 14.7 | - |
| General merchandise stores | 452 | 121.7 | 34.1 | 23.2 | 7.2 | 2.5 | 31.0 | 5.0 | 21.7 | 4.0 |
| Department stores | 4521 | 117.0 | 31.1 | 20.1 | 7.8 | 2.4 | 33.1 | 5.6 | 23.3 | 3.9 |
| Other general merchandise stores ............................... | 4529 | 125.7 | 36.7 | 25.9 | 6.7 | 2.6 | 29.3 | 4.4 | 20.3 | 4.1 |
| Warehouse clubs and superstores ............................ | 45291 | 121.8 | 35.4 | 23.5 | 7.4 | 3.0 | 25.6 | 3.7 | 18.1 | 3.5 |
| All other general merchandise stores ........................ | 45299 | 140.0 | 41.5 | 34.7 | 4.3 | - | 42.6 | 7.0 | 28.4 | 6.3 |
| Miscellaneous store retailers ........................................... | 453 | 87.2 | 16.2 | 13.2 | 1.6 | 1.2 | 30.0 | 12.5 | 15.3 | 1.7 |
| Office supplies, stationery, and gift stores | 4532 | 91.9 | 15.8 | 12.1 | 1.8 | 1.9 | 37.9 | 29.8 | 6.6 | - |
| Office supplies and stationery stores ........................ | 45321 | 83.1 | 16.0 | 9.4 | 3.6 | - | 11.5 | 2.8 | 8.4 | - |
| Gift, novelty, and souvenir stores | 45322 | 101.2 | 15.7 | 15.0 | - | - | 65.9 | 58.4 | - | - |
| Used merchandise stores | 4533 | 89.0 | 30.9 | 24.0 | - | - | 22.5 | - | 20.4 | - |
| Other miscellaneous store retailers | 4539 | 95.8 | 11.5 | 10.6 | - | - | 30.6 | 4.2 | 23.0 | - |
| Pet and pet supplies stores ..................................... | 45391 | 123.9 | - | - | - | - | 8.4 | - | - | 5.4 |
| All other miscellaneous store retailers ....................... | 45399 | 73.3 | 15.2 | 13.8 | - | - | 42.6 | - | 37.2 | - |
| Nonstore retailers | 454 | 103.9 | 18.5 | 7.5 | 8.5 | 1.7 | 29.3 | 5.4 | 13.9 | 8.5 |
| Electronic shopping and mail-order houses ................... | 4541 | 54.9 | 18.6 | 4.7 | 11.4 | 1.7 | 9.6 | 1.6 | 6.6 | - |
| Electronic shopping and mail-order houses | 45411 | 54.9 | 18.6 | 4.7 | 11.4 | 1.7 | 9.6 | 1.6 | 6.6 | - |
| Electronic shopping ............................................ | 454111 | 36.9 | 8.4 | 4.8 | 2.2 | - | 7.8 | - | 4.0 | - |
| Mail-order houses | 454113 | 74.5 | 29.1 | 4.8 | 20.7 | 2.5 | 11.8 | 1.9 | 9.4 | - |
| Vending machine operators ....................................... | 4542 | 156.6 | 19.3 | 17.6 | - | - | 38.3 | 11.3 | 19.3 | - |
| Direct selling establishments ....................................... |  | - | 18.2 | 10.3 | 5.1 | - | 64.2 | 11.1 | 26.3 | 24.1 |
| Other direct selling establishments ........................... | 45439 | 137.8 | 7.9 | - | - | - | 80.1 | - | 22.7 | 55.9 |
| Transportation and warehousing ${ }^{12}$.......................... | 48-49 | 223.3 | 46.2 | 25.3 | 11.4 | 7.0 | 49.8 | 13.6 | 22.9 | 10.0 |
| Air transportation ......................................................... | 481 | 429.7 | 89.5 | 45.6 | 26.2 | 12.6 | 61.8 | 8.9 | 35.1 | 14.3 |

[^17]| Industry ${ }^{4}$ | Event or exposure leading to injury or illness ${ }^{6}$ |  |  |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Overexertion and bodily reaction |  |  | Exposure to harmful substance or environment | Transportation incidents |  | Fires and explosions | Violence and other injuries by persons or animals |  |  |  | All other events ${ }^{7}$ |
|  | Total | In lifting | Repetitive motion |  | Total | Roadway incidents |  | Total | Intentional injury by other person | Injury by person--unintentional or intent unknown | Animal and insect related |  |
| Men's clothing stores | 15.4 | - | - | - | - | - | - | - | - | - | - | - |
| Women's clothing stores | 7.8 | - | - | - | - | - | - | - | - | - | - | - |
| Family clothing stores ............................................ | 22.9 | 8.6 | - | - | - | - | - | 3.2 | - | 2.6 | - | - |
| Clothing accessories stores .................................... | 11.0 | - | - | - | - | - | - | - | - | - | - | - |
| Shoe stores .............................................................. | 14.3 | - | - | - | - | - | - | - | - | - | - | - |
| Jewelry, luggage, and leather goods stores ................... | - | - | - | - | - | - | - | - | - | - | - | - |
| Jewelry stores ........................................................... | - | - | - | - | - | - | - | - | - | - | - | - |
| Sporting goods, hobby, book, and music stores ................ | 30.4 | 20.1 | 0.5 | - | 2.4 | 2.2 | - | . 7 | - | - | - | 1.5 |
| Sporting goods, hobby, and musical instrument stores ... | 34.3 | 22.8 | - | - | 2.8 | 2.8 | - | - | - | - | - | 1.8 |
| Sporting goods stores ........................................... | 41.1 | 28.7 | - | - | - | - | - | - | - | - | - | 3.2 |
| Hobby, toy, and game stores .................................. | 29.3 | 16.0 | - | - | - | - | - | - | - | - | - | - |
| Sewing, needlework, and piece goods stores ............. | 11.7 | - | - | - | - | - | - | - | - | - | - | - |
| Musical instrument and supplies stores ..................... | 25.5 | 25.5 | - | - | - | - | - | - | - | - | - | - |
| Book, periodical, and music stores .............................. | 15.5 | 10.1 | - | - | - | - | - | - | - | - | - | - |
| Book stores and news dealers ................................. | 17.4 | 11.8 | - | - | - | - | - | - | - | - | - | - |
| General merchandise stores | 49.0 | 20.2 | 2.6 | 2.9 | 1.1 | . 1 | - | 2.6 | 1.1 | . 6 | 0.9 | 1.0 |
| Department stores ..................................................... | 45.7 | 17.5 | 2.5 | 3.0 | . 8 | . 2 | - | 2.4 | 1.0 | . 9 | . 5 | 1.0 |
| Other general merchandise stores ............................... | 51.8 | 22.4 | 2.7 | 2.8 | 1.4 | - | - | 2.8 | 1.2 | . 4 | 1.2 | . 9 |
| Warehouse clubs and superstores ............................ | 52.4 | 22.1 | 3.2 | 3.4 | 1.6 | - | - | 2.2 | . 6 | . 5 | 1.1 | 1.1 |
| All other general merchandise stores ........................ | 49.5 | 23.7 | - | - | - | - | - | 4.9 | 3.3 | - | 1.5 | - |
| Miscellaneous store retailers .......................................... | 23.2 | 7.8 | 1.7 | 1.4 | 5.7 | 5.5 | - | 10.1 | - | - | 9.6 | - |
| Office supplies, stationery, and gift stores ..................... | 23.4 | 9.0 | - | - | 13.1 | 12.5 | - | - | - | - | - | - |
| Office supplies and stationery stores ........................ | 27.7 | 8.5 | - | - | 25.2 | 24.3 | - | - | - | _ | - | - |
| Gift, novelty, and souvenir stores ............................. | 18.9 | 9.7 | - | - | - | - | - | - | - | - | - | - |
| Used merchandise stores .......................................... | 32.7 | 19.9 | 4.4 | - | - | - | - | - | - | - | - | - |
| Other miscellaneous store retailers .............................. | 23.2 | 2.8 | - | 2.8 | - | - | - | 24.6 | - | - | 24.6 | - |
| Pet and pet supplies stores ..................................... | 43.4 | 6.0 | - | - | - | - | - | 66.7 | - | - | 66.7 | - |
| All other miscellaneous store retailers ....................... | - | - | - | - | - | - | - | - | - | - | - | - |
| Nonstore retailers ......................................................... | 37.3 | 11.0 | 12.1 | 4.4 | 4.6 | 4.1 | - | . 4 | - | - | - | 2.3 |
| Electronic shopping and mail-order houses ................... | 23.1 | 6.2 | 6.9 | 2.4 | - | - | - | - | - | - | - | . 7 |
| Electronic shopping and mail-order houses | 23.1 | 6.2 | 6.9 | 2.4 | - | - | - | - | - | - | - | . 7 |
| Electronic shopping | 17.1 | 5.6 | 6.0 | 3.0 | - | - | - | - | - | _ | - | - |
| Mail-order houses .............................................. | 29.6 | 7.1 | 8.2 | 1.9 | - | , | - | - | - | - | - | 1.4 |
| Vending machine operators ....................................... | 55.3 | 20.0 | - | 16.6 | 13.3 | 13.3 | - | - | - | - | - | - |
| Direct selling establishments ....................................... | 59.3 | 17.5 | 25.2 | 5.0 | 10.4 | 9.4 | - | - | - | - | - | - |
| Other direct selling establishments ........................... | 27.3 | 11.5 |  | - | 16.9 | 14.6 | - | - | - | - | - | - |
| Transportation and warehousing ${ }^{12}$........................... | 90.4 | 29.0 | 3.1 | 5.5 | 25.6 | 17.2 | 0.2 | 2.8 | . 8 | . 6 | 1.4 | 2.9 |
| Air transportation ......................................................... | 226.7 | 84.5 | 6.5 | 15.6 | 28.8 | 2.4 | - | 5.5 | - | 1.9 | 3.2 | 1.9 |

[^18]| Industry ${ }^{4}$ | NAICS code5 | Total cases | Event or exposure leading to injury or illness ${ }^{6}$ |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  | Contact with objects |  |  |  | Falls, slips, trips |  |  |  |
|  |  |  | Total | Struck by object | Struck against object | Caught in or compressed or crushed | Total | Fall to lower level | Fall <br> on same level | Slips or trips without fall |
| Scheduled air transportation | 4811 | 466.2 | 97.6 | 49.4 | 28.7 | 13.9 | 65.6 | 8.7 | 37.7 | 15.5 |
| Scheduled air transportation | 48111 | 466.2 | 97.6 | 49.4 | 28.7 | 13.9 | 65.6 | 8.7 | 37.7 | 15.5 |
| Scheduled passenger air transportation | 481111 | 475.0 | 99.9 | 50.2 | 29.5 | 14.4 | 65.4 | 8.7 | 37.1 | 15.7 |
| Scheduled freight air transportation ...................... | 481112 | 219.0 | 30.0 | 25.3 | - | - | 70.9 | - | 53.9 | - |
| Nonscheduled air transportation ................................. | 4812 | 86.5 | 13.6 | 9.9 | - | - | 26.3 | 11.5 | 10.6 | - |
| Rail transportation ${ }^{12}$. | 482 | 114.1 | 28.0 | 11.7 | 6.9 | 5.9 | 31.9 | 1.0 | - | 3.4 |
| Water transportation | 483 | 144.0 | 18.5 | 10.0 | 6.2 | - | 27.4 | 6.3 | 13.4 | 7.3 |
| Deep sea freight transportation ............................ | 483111 | 58.1 | - | - | - | - | 17.7 | - | 13.6 | - |
| Coastal and great lakes freight transportation ........ | 483113 | 117.9 | 34.0 | 21.1 | - | - | 34.0 | - | - | - |
| Inland water transportation | 4832 | 114.8 | 31.3 | 16.2 | 13.5 | - | 31.6 | 9.2 | 9.3 | 13.1 |
| Inland water transportation ...................................... | 48321 | 114.8 | 31.3 | 16.2 | 13.5 | - | 31.6 | 9.2 | 9.3 | 13.1 |
| Inland water freight transportation ......................... | 483211 | 102.7 | 20.1 | 10.7 | 7.5 | - | 29.1 | 6.7 | 11.1 | 11.3 |
| Truck transportation | 484 | 213.1 | 42.2 | 24.6 | 9.2 | 5.6 | 56.5 | 19.7 | 22.6 | 12.0 |
| General freight trucking | 4841 | 211.7 | 42.3 | 24.2 | 9.2 | 5.8 | 56.1 | 19.1 | 24.4 | 10.7 |
| General freight trucking, local ................................. | 48411 | 208.2 | 37.9 | 18.7 | 12.3 | 6.0 | 52.2 | 12.8 | 28.2 | 8.9 |
| General freight trucking, long-distance ...................... | 48412 | 212.7 | 43.6 | 25.9 | 8.3 | 5.7 | 57.2 | 21.0 | 23.3 | 11.2 |
| Specialized freight trucking ........................................ | 4842 | 216.5 | 41.9 | 25.3 | 9.4 | 5.1 | 57.6 | 21.1 | 18.1 | 15.3 |
| Used household and office goods moving ................. | 48421 | 363.7 | 86.2 | 65.7 | 13.4 | 6.1 | 87.2 | 62.7 | 12.0 | 8.7 |
| Specialized freight (except used goods) trucking, local | 48422 | 192.7 | 33.9 | 16.8 | 10.7 | 4.5 | 46.0 | 11.3 | 9.2 | 21.1 |
| Specialized freight (except used goods) trucking, long-distance | 48423 | 174.1 | 30.6 | 16.9 | 5.2 | 5.6 | 59.8 | 14.1 | 35.4 | 9.6 |
| Transit and ground passenger transportation .................... | 485 | 259.1 | 25.7 | 13.4 | 8.3 | 2.4 | 55.7 | 6.4 | 38.9 | 9.4 |
| Urban transit systems ............................................... | 4851 | 433.2 | 69.3 | 30.3 | 27.8 | 9.6 | 53.1 | 5.2 | 36.4 | 10.5 |
| Interurban and rural bus transportation ......................... | 4852 | 251.7 | 38.3 | 23.0 | 10.5 | - | 42.8 | 14.4 | 16.5 | 10.2 |
| Taxi and limousine service .......................................... | 4853 | 214.6 | 15.9 | 12.4 | - | - | 19.8 | - | 16.6 | - |
| Taxi service .... | 48531 | 237.8 | 20.0 | 17.9 | - | - | 23.5 | - | 20.5 | - |
| Limousine service | 48532 | 186.0 | 10.9 | - | - | - | 15.3 | - | 11.9 | - |
| School and employee bus transportation | 4854 | 232.6 | 20.7 | 8.2 | 8.9 | - | 69.8 | 9.7 | 46.0 | 13.8 |
| Charter bus industry .................................................. | 4855 | 177.4 | 18.3 | 15.3 | - | - | 49.3 | - | 31.1 | 16.2 |
| Other transit and ground passenger transportation ........ | 4859 | 267.8 | 16.5 | 9.2 | 3.9 | - | 72.6 | 6.7 | 57.0 | 7.4 |
| Pipeline transportation .................................................. | 486 | 55.3 | - | - | - | - | 29.0 | - | 24.0 | - |
| Scenic and sightseeing transportation ............................. | 487 | 157.9 | 42.3 | 10.4 | 29.1 | - | 46.7 | 8.4 | 22.5 | 15.8 |
| Scenic and sightseeing transportation, water ................ | 4872 | 162.6 | 68.2 | - | 55.4 | - | 43.2 | - | 20.9 | - |
| Scenic and sightseeing transportation, other ................. | 4879 | 112.5 | - | - | - | - | - | - | - | - |
| Support activities for transportation .................................. | 488 | 159.4 | 47.0 | 28.4 | 10.1 | 6.6 | 38.1 | 13.7 | 13.9 | 8.2 |
| Support activities for air transportation .......................... | 4881 | 116.6 | 24.4 | 9.2 | 9.9 | 3.6 | 37.4 | 12.0 | 13.5 | 11.3 |
| Support activities for rail transportation ......................... | 4882 | 117.9 | 35.3 | 16.2 | - | - | 38.1 | 29.0 | 9.1 | - |

[^19]| Industry ${ }^{4}$ | Event or exposure leading to injury or illness ${ }^{6}$ |  |  |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Overexertion and bodily reaction |  |  | Exposure to harmful substance or environment | Transportation incidents |  | Fires and explosions | Violence and other injuries by persons or animals |  |  |  | All other events ${ }^{7}$ |
|  | Total | In lifting | Repetitive motion |  | Total | Roadway incidents |  | Total | Intentional injury by other person | Injury by person--unintentional or intent unknown | Animal and insect related |  |
| Scheduled air transportation | 247.3 | 91.8 | 7.1 | 17.0 | 31.0 | 1.9 | - | 6.0 | - | 2.1 | 3.4 | 1.8 |
| Scheduled air transportation | 247.3 | 91.8 | 7.1 | 17.0 | 31.0 | 1.9 | - | 6.0 | - | 2.1 | 3.4 | 1.8 |
| Scheduled passenger air transportation ................ | 252.9 | 94.5 | 7.4 | 17.6 | 31.3 | 1.8 | - | 6.0 | - | 2.1 | 3.4 | 1.9 |
| Scheduled freight air transportation ...................... | 90.4 | 16.2 | - | - | 22.3 | - | - | - | - | - | - | - |
| Nonscheduled air transportation ................................. | 33.3 | 15.2 | - | - | - | - | - | - | - | - | - | - |
| Rail transportation ${ }^{12}$..................................................... | 28.0 | - | 1.1 | 4.6 | 12.2 | 4.2 | - | 3.2 | 1.6 | . 9 | . 7 | 6.2 |
| Water transportation ..... | 30.3 | 6.3 | - | - | 5.3 | - | - | - | - | - | - | 60.3 |
| Deep sea freight transportation ............................ | 23.0 | - | - | - | - | - | - | - | - | - | - | - |
| Coastal and great lakes freight transportation ........ | 33.3 | - | - | - | - | - | - | - | - | - | - | - |
| Inland water transportation .......................................... | 46.8 | 12.6 | - | - | - | - | - | - | - | - | - | - |
| Inland water transportation ...................................... | 46.8 | 12.6 | - | - | - | - | - | - | - | - | - | - |
| Inland water freight transportation ........................ | 47.4 | - | - | - | - | - | - | - | - | - | - | - |
| Truck transportation | 81.5 | 17.4 | 1.8 | 5.0 | 25.4 | 20.7 | 0.3 | 1.6 | . 6 | . 2 | . 8 | . 6 |
| General freight trucking | 81.6 | 16.9 | 2.0 | 4.5 | 24.4 | 20.2 | . 2 | 1.8 | . 6 | . 2 | 1.0 | . 8 |
| General freight trucking, local ................................. | 98.0 | 16.4 | - | 1.7 | 17.6 | 15.4 | - | . | - |  | . | - |
| General freight trucking, long-distance ..................... | 76.7 | 17.0 | 2.4 | 5.3 | 26.4 | 21.6 | . 3 | 2.3 | . 8 | . 3 | 1.3 | . 9 |
| Specialized freight trucking ....................................... | 81.2 | 18.8 | 1.3 | 6.4 | 27.7 | 22.0 | - | 1.1 | . 5 | - | - | - |
| Used household and office goods moving ................. | 182.2 | 46.3 | - | - | 6.3 | - | - | - | - | - | - | - |
| Specialized freight (except used goods) trucking, local Specialized freight (except used goods) trucking, | 61.1 | 13.8 | 1.4 | 11.0 | 38.9 | 31.3 | - | 1.6 | - | - | - | - |
| long-distance | 58.1 | 11.7 | - | 2.5 | 21.8 | 17.4 | - | - | - | - | - | - |
| Transit and ground passenger transportation .................... | 65.7 | 13.0 | 4.3 | 6.6 | 91.3 | 83.8 | - | 10.6 | 5.2 | 2.4 | 2.8 | 3.4 |
| Urban transit systems ............................................... | 148.1 | 9.5 | 21.1 | 25.9 | 115.5 | 98.4 | - | 19.7 | 5.0 | - | 12.2 | - |
| Interurban and rural bus transportation ......................... | 98.2 | 28.3 | - | 11.0 | 43.8 | 42.8 | - | 16.2 | 10.5 | - | - | - |
| Taxi and limousine service ......................................... | 30.6 | 17.7 | - | - | 142.4 | 140.1 | - | 4.9 | 4.4 | - | - | - |
| Taxi service | 39.9 | 23.2 | - | - | 144.7 | 141.9 | - | 8.3 | 7.4 | - | - | - |
| Limousine service | 19.1 | 10.9 | - | - | 139.7 | 137.9 | - | - | - | - | - | - |
| School and employee bus transportation ...................... | 34.9 | 3.5 | - | 2.5 | 87.6 | 76.1 | - | 15.4 | 8.1 | 3.2 | 4.1 | - |
| Charter bus industry ................................................. | 68.4 | 30.8 | 4 | 9.5 | 23.0 | 18.6 | - | 7.8 | - | - | - | - |
| Other transit and ground passenger transportation ........ | 84.2 | 14.2 | 4.4 | 4.1 | 75.2 | 71.8 | - | 3.6 | - | - | - | 11.4 |
| Pipeline transportation .................................................. | 24.7 | - | - | - | - | - | - | - | - | - | - | - |
| Scenic and sightseeing transportation ............................. | 38.6 | - | - | - | 11.1 | - | - | - | - | - | - | 14.2 |
| Scenic and sightseeing transportation, water ................ | - | - | - | - | - | - | - | - | - | - | - | 32.2 |
| Scenic and sightseeing transportation, other ................. | - | - | - | - | - | - | - | - | - | - | - | - |
| Support activities for transportation | 52.4 | 21.0 | 2.2 | 2.7 | 17.0 | 7.1 | . 7 | . 9 | - | - | 4 | . 6 |
| Support activities for air transportation .......................... | 46.3 | 23.7 | - | 1.9 | 3.9 | 2.5 | 1.5 | - | - | - | - | - |
| Support activities for rail transportation ......................... | 34.0 | 8.7 | - | - | 8.1 | - | - | - | - | - | - | - |

[^20]| Industry ${ }^{4}$ | NAICS code ${ }^{5}$ | Total cases | Event or exposure leading to injury or illness ${ }^{6}$ |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  | Contact with objects |  |  |  | Falls, slips, trips |  |  |  |
|  |  |  | Total | Struck by object | Struck against object | Caught in or compressed or crushed | Total | Fall to lower level | Fall on same level | Slips or trips without fall |
| Support activities for water transportation | 4883 | 353.0 | 129.4 | 94.0 | 22.2 | 10.0 | 80.6 | 27.3 | 26.3 | 18.6 |
| Navigational services to shipping ........ | 48833 | 122.1 | 30.3 | 18.8 | - | - | 26.4 | 10.9 | - | 8.3 |
| Other support activities for water transportation .......... | 48839 | 37.1 | - | - | - | - | 15.8 | - | - | - |
| Motor vehicle towing .............................................. | 48841 | 221.9 | 98.4 | 74.9 | - | - | - | - | - | - |
| Freight transportation arrangement | 4885 | 73.9 | 16.8 | 2.2 | 9.3 | 4.4 | 22.7 | 10.8 | 6.5 | 3.3 |
| Other support activities for transportation ...................... | 4889 | 119.8 | 42.9 | 32.5 | - | - | 28.1 | - | 21.2 | - |
| Couriers and messengers | 492 | 290.0 | 46.5 | 24.3 | 11.2 | 9.3 | 72.7 | 23.9 | 35.7 | 12.6 |
| Couriers and express delivery services ........................ | 4921 | 281.1 | 50.7 | 26.1 | 12.4 | 10.3 | 59.2 | 14.5 | 31.0 | 13.3 |
| Warehousing and storage | 493 | 182.8 | 51.4 | 27.3 | 12.6 | 9.9 | 30.2 | 5.4 | 18.1 | 6.0 |
| Warehousing and storage | 4931 | 182.8 | 51.4 | 27.3 | 12.6 | 9.9 | 30.2 | 5.4 | 18.1 | 6.0 |
| General warehousing and storage | 49311 | 180.4 | 49.7 | 25.2 | 11.9 | 10.8 | 28.7 | 5.1 | 17.1 | 5.6 |
| Refrigerated warehousing and storage | 49312 | 227.2 | 62.1 | 34.9 | 18.3 | 6.7 | 35.1 | 6.7 | 21.5 | 6.3 |
| Farm product warehousing and storage | 49313 | 98.5 | - | - | - | - | - | - | - | - |
| Other warehousing and storage ........... | 49319 | 175.8 | 68.1 | 46.2 | 15.4 | 5.9 | 42.7 | 7.3 | 23.8 | 10.7 |
| Utilities | 22 | 80.2 | 14.8 | 9.6 | 2.7 | 2.1 | 20.7 | 5.7 | 7.6 | 7.1 |
| Utilities | 221 | 80.2 | 14.8 | 9.6 | 2.7 | 2.1 | 20.7 | 5.7 | 7.6 | 7.1 |
| Electric power generation, transmission and distribution | 2211 | 68.9 | 11.7 | 7.7 | 1.8 | 1.8 | 17.7 | 5.0 | 5.4 | 6.9 |
| Electric power generation ........................................ | 22111 | 42.0 | 4.3 | 2.1 | - | 1.3 | 12.1 | 2.2 | 4.6 | 5.3 |
| Fossil fuel electric power generation ...................... | 221112 | 47.5 | 6.0 | 2.9 | - | 1.7 | 10.0 | 2.6 | 5.6 | 1.9 |
| Nuclear electric power generation ......................... | 221113 | 7.8 | - | - | - | - | 3.5 | - | - | - |
| Other electric power generation ............................ | 221119 | 129.8 | - | - | - | - | 23.5 | - | - | - |
| Electric power transmission, control, and distribution .. | 22112 | 89.0 | 17.3 | 11.9 | 2.8 | 2.3 | 21.9 | 7.1 | 6.1 | 8.0 |
| Natural gas distribution ............................................. | 2212 | 88.6 | 13.8 | 7.2 | 2.6 | 3.4 | 14.8 | 3.3 | 5.6 | 5.8 |
| Water, sewage and other systems .............................. | 2213 | 164.3 | 45.7 | 32.5 | 11.4 | - | 62.2 | 18.0 | 32.1 | 12.0 |
| Water supply and irrigation systems | 22131 | 174.4 | 49.5 | 35.6 | 13.5 | - | 70.5 | 21.6 | 34.6 | 14.3 |
| Sewage treatment facilities ... | 22132 | 100.2 | 38.7 | 26.1 | - | - | - | - | - | - |
| Steam and air-conditioning supply ............................ | 22133 | 236.0 | - | - | - | - | - | - | - | - |
| Information |  | 61.3 | 10.2 | 5.3 | 3.2 | 1.5 | 18.0 | 3.6 | 10.1 | 4.1 |
| Information | 51 | 61.3 | 10.2 | 5.3 | 3.2 | 1.5 | 18.0 | 3.6 | 10.1 | 4.1 |
| Publishing industries (except Internet) ............................. | 511 | 35.7 | 11.0 | 6.1 | 1.7 | 2.9 | 9.8 | 1.4 | 6.3 | 1.7 |
| Newspaper, periodical, book, and directory publishers .... | 5111 | 56.7 | 18.0 | 10.0 | 2.7 | 4.7 | 15.0 | 2.1 | 9.4 | 2.8 |
| Newspaper publishers ............................................ | 51111 | 92.6 | 32.3 | 17.8 | 4.5 | 9.0 | 25.0 | 4.0 | 14.9 | 4.9 |
| Periodical publishers ............................................. | 51112 | 10.8 | 3.1 | 2.7 | - | - | - | - | - | - |
| Book publishers ..................................................... | 51113 | 30.4 | 3.9 | - | 2.4 | - | 8.0 | - | 5.6 | - |
| Directory and mailing list publishers .......................... | 51114 | 35.8 | - | - | - | - | 7.0 | - | - | - |
| Other publishers ................................................... | 51119 | 39.8 | 15.0 | 10.9 | - | - | 20.0 | - | 19.4 | - |
| Software publishers .................................................. | 5112 | 3.1 | - | - | - | - | 1.8 | - | 1.4 | - |

[^21]| Industry ${ }^{4}$ | Event or exposure leading to injury or illness ${ }^{6}$ |  |  |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Overexertion and bodily reaction |  |  | Exposure to harmful substance or environment | Transportation incidents |  | Fires and explosions | Violence and other injuries by persons or animals |  |  |  | All other events ${ }^{7}$ |
|  | Total | In lifting | Repetitive motion |  | Total | Roadway incidents |  | Total | Intentional injury by other person | Injury by person--unintentional or intent unknown | Animal and insect related |  |
| Support activities for water transportation | 85.2 | 26.8 | 5.2 | 3.6 | 49.9 | 5.4 | - | 2.4 | - | - | 1.8 | - |
| Navigational services to shipping ............................. | 57.0 | 14.7 | - | - | - | - | - | - | - | - | - | _ |
| Other support activities for water transportation | - | - | - | - | - | - | - | - | - | - | - | - |
| Motor vehicle towing | 71.0 | 28.6 | - | - | 37.5 | 27.8 | - | - | - | - | - | - |
| Freight transportation arrangement .............................. | 26.8 | 14.1 | 3.3 | 2.0 | 5.2 | 3.5 | - | - | - | - | - | - |
| Other support activities for transportation ..................... | 39.8 | 17.2 | - | - | 7.5 | 7.5 | - | - | - | - | - | - |
| Couriers and messengers | 138.6 | 52.7 | 4.0 | 3.8 | 19.6 | 15.5 | - | 5.3 | 0.4 | 0.8 | 4.1 | 3.4 |
| Couriers and express delivery services ........................ | 139.1 | 45.9 | 4.4 | 4.3 | 18.5 | 14.1 | - | 5.4 | - | . 9 | 4.1 | 3.7 |
| Warehousing and storage ............................................ | 79.9 | 38.0 | 4.7 | 4.7 | 13.2 | 4.3 | - | . 8 | - | - | . 6 | 2.5 |
| Warehousing and storage .......................................... | 79.9 | 38.0 | 4.7 | 4.7 | 13.2 | 4.3 | - | . 8 | - | - | . 6 | 2.5 |
| General warehousing and storage ............................ | 82.2 | 38.7 | 5.3 | 4.4 | 12.1 | 3.6 | - | . 7 | - | - | . 4 | 2.7 |
| Refrigerated warehousing and storage ...................... | 99.5 | 64.6 | - | 7.7 | 21.0 |  | - | - | - | - | - | - |
| Farm product warehousing and storage | - | - | - | - | - | - | - | - | - | - | - | - |
| Other warehousing and storage | 44.8 | 9.1 | - | 5.1 | 9.6 | 6.0 | - | - | - | - | - | - |
| Utilities | 32.5 | 6.7 | 2.4 | 5.2 | 5.0 | 3.5 | 0.4 | 1.1 | - | - | 1.0 | . 5 |
| Utilities ........................................................................ | 32.5 | 6.7 | 2.4 | 5.2 | 5.0 | 3.5 | . 4 | 1.1 | - | - | 1.0 | . 5 |
| Electric power generation, transmission and distribution | 29.2 | 6.3 | 1.3 | 4.2 | 4.0 | 2.6 | . 5 | 1.1 | - | - | 1.1 | - |
| Electric power generation | 18.7 | 1.7 | 1.6 | 3.1 | 3.1 | - | - | - | - | - | - | - |
| Fossil fuel electric power generation ...................... | 24.3 | 2.2 | 2.4 | 4.5 | 1.6 | - | - | - | - | - | - | - |
| Nuclear electric power generation ......................... | 2.7 | - | - | - | - | - | - | - | - | - | - | - |
| Other electric power generation ............................ | 52.1 | - | - | - | 47.7 | - | - | - | - | - | - | - |
| Electric power transmission, control, and distribution .. | 37.1 | 9.6 | 1.1 | 5.1 | 4.7 | 4.0 | . 8 | 1.5 | - | - | 1.5 | - |
| Natural gas distribution ............................................. | 45.6 | 8.1 | 7.2 | 2.9 | 9.2 | 6.8 | - | - | - | - | - | _ |
| Water, sewage and other systems .............................. | 31.8 | 7.6 | - | 19.2 | 4.3 | 4.3 | - | - | - | - | - | - |
| Water supply and irrigation systems ......................... | 29.1 | 8.7 | - | 20.3 | - | - | - | - | - | - | - | - |
| Sewage treatment facilities | - | - | - | - | - | - | - | - | - | - | - | - |
| Steam and air-conditioning supply ........................... | 152.3 | - | - | - | - | - | - | - | - | - | - | - |
| Information | 25.1 | 7.0 | 2.3 | 2.1 | 4.0 | 3.4 | - | 1.6 | . 2 | . 1 | 1.3 | . 3 |
| Information ............................................................ | 25.1 | 7.0 | 2.3 | 2.1 | 4.0 | 3.4 | - | 1.6 | . 2 | . 1 | 1.3 | . 3 |
| Publishing industries (except Internet) .............................. | 11.0 | 3.0 | 1.5 | . 6 | 2.8 | 2.0 | - | . 2 | - | - | - | - |
| Newspaper, periodical, book, and directory publishers .... | 17.6 | 4.8 | 2.2 | 1.0 | 4.5 | 3.3 | - | - | - | - | - | - |
| Newspaper publishers | 24.2 | 6.5 | 2.8 | 1.2 | 8.8 | 6.3 | - | - | - | - | - | - |
| Periodical publishers ............................................. | 5.4 | 1.9 | - | - | - | - | - | - | - | - | - | - |
| Book publishers ..................................................... | 17.8 | 7.0 |  | - | - | - | - | - | - | - | - | - |
| Directory and mailing list publishers | 20.5 | - | 6.0 | - | - | - | - | - | - | - | - | - |
| Other publishers | - | - | - | - | - | - | - | - | - | - | - | - |
| Software publishers .................................................. | . 9 | - | - | - | - | - | - | - | - | - | - | - |

[^22]| Industry ${ }^{4}$ | NAICS code ${ }^{5}$ | Total cases | Event or exposure leading to injury or illness ${ }^{6}$ |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  | Contact with objects |  |  |  | Falls, slips, trips |  |  |  |
|  |  |  | Total | Struck by object | Struck against object | Caught in or compressed or crushed | Total | Fall to lower level | Fall on same level | Slips or trips without fall |
| Motion picture and sound recording industries | 512 | 24.3 | 6.5 | 3.9 | 2.2 | - | 8.9 | - | 4.1 | 4.3 |
| Motion picture and video industries ............................... | 5121 | 24.3 | 5.7 | 3.7 | 1.6 | - | 9.4 | - | 4.3 | 4.5 |
| Motion picture and video exhibition ........................... | 51213 | 53.0 | 9.7 | 8.2 | - | - | 32.7 | - | 13.4 | 17.8 |
| Broadcasting (except Internet) ........................................ | 515 | 57.9 | 8.3 | 4.2 | 3.0 | 1.1 | 16.0 | 5.8 | 7.2 | 2.8 |
| Radio and television broadcasting ............................... | 5151 | 39.9 | 6.4 | 3.1 | 2.0 | 1.3 | 12.6 | 4.5 | 6.5 | 1.5 |
| Radio broadcasting ................................................ | 51511 | 18.0 | - | - | - | - | 9.8 | 7.1 | - | - |
| Television broadcasting ......................................... | 51512 | 55.1 | 9.8 | 4.9 | 2.7 | 2.3 | 14.5 | 2.6 | 9.7 | 2.0 |
| Cable and other subscription programming ................... | 5152 | 104.4 | 13.2 | 7.0 | 5.7 | - | 24.6 | 9.2 | 9.1 | 6.1 |
| Telecommunications ${ }^{10}$ | 517 | 110.0 | 14.9 | 7.3 | 5.6 | 1.4 | 28.6 | 7.0 | 13.2 | 7.9 |
| Wired telecommunications carriers ${ }^{10}$ | 5171 | 139.1 | 18.5 | 9.2 | 6.3 | 2.1 | 37.7 | 9.2 | 16.6 | 11.2 |
| Wireless telecommunications carriers (except satellite) .. | 5172 | 30.9 | 6.2 | 1.0 | 5.2 | - | 9.8 | 3.2 | 5.9 | - |
| Satellite telecommunications ....................................... | 5174 | 59.3 | - | - | - | - | - | - | - | - |
| Other telecommunications ${ }^{10}$....................................... | 5179 | 81.4 | 11.0 | 7.7 | 3.2 | - | 10.0 | 2.3 | 5.0 | 2.7 |
| Data processing, hosting, and related services ${ }^{10} \ldots \ldots . . . . . . . .$. | 518 | 19.6 | 3.1 | 1.7 | 1.1 | - | 7.1 | - | 6.3 | - |
| Data processing, hosting, and related services .............. | 5182 | 19.6 | 3.1 | 1.7 | 1.1 | - | 7.1 | - | 6.3 | - |
|  | 519 | 39.6 | - | - | - | - | 31.9 | - | 30.6 | - |
| Other information services ${ }^{10}$....................................... | 5191 | 39.6 | - | - | - | - | 31.9 | - | 30.6 | - |
| News syndicates ................................................... | 51911 | 13.7 | - | - | - | - | - | - | - | - |
| Libraries and archives ............................................ | 51912 | 121.3 | - | - | - | - | 89.0 | - | 88.3 | - |
| Financial activities |  | 38.2 | 7.8 | 4.5 | 1.8 | 1.0 | 11.1 | 2.3 | 6.5 | 2.2 |
| Finance and insurance | 52 | 17.2 | 3.4 | 1.4 | . 8 | . 7 | 6.5 | . 9 | 4.8 | . 8 |
| Monetary authorities - central bank .................................. | 521 | 32.6 | - | - | - | - | 12.6 | - | 8.2 | - |
| Credit intermediation and related activities ....................... | 522 | 21.8 | 6.5 | 2.5 | 1.4 | 1.5 | 7.0 | . 7 | 5.0 | 1.2 |
| Depository credit intermediation .................................. | 5221 | 22.0 | 6.1 | 2.7 | 1.9 | . 1 | 7.2 | . 8 | 5.5 | . 9 |
| Savings institutions | 52212 | 16.3 | 2.0 | - | - | - | 10.7 | 3.7 | 6.1 | - |
| Credit unions ........................................................ | 52213 | 29.4 | 1.8 | - | - | - | 11.5 | 2.0 | 8.3 | - |
| Nondepository credit intermediation ............................. | 5222 | 16.3 | 2.8 | 2.1 | . 3 | - | 5.0 | . 7 | 3.8 | . 5 |
| Credit card issuing | 52221 | 18.3 | 2.4 | - | - | - | 6.7 | - | 4.8 | - |
| Sales financing ..................................................... | 52222 | 24.3 | 13.1 | 11.3 | - | - | 5.8 | - | 3.2 | - |
| Other nondepository credit intermediation ................. | 52229 | 14.0 | . 6 | . 5 | - | 14 | 4.3 | - | 3.6 | - |
| Activities related to credit intermediation ........................ | 5223 | 33.1 | 17.7 | 1.9 | - | 14.1 | 10.0 | - | 4.4 | - |
| Financial transactions processing, reserve, and clearinghouse activities $\qquad$ | 52232 | 21.8 | 5.4 | 4.1 | - | - | 7.2 | - | 7.0 | - |

See footnotes at end of table.

| Industry ${ }^{4}$ | Event or exposure leading to injury or illness ${ }^{6}$ |  |  |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Overexertion and bodily reaction |  |  | Expo- <br> sure to harmful substance or environment | Transportation incidents |  | Fires and explosions | Violence and other injuries by persons or animals |  |  |  | All other events ${ }^{7}$ |
|  | Total | In lifting | Repetitive motion |  | Total | Roadway incidents |  | Total | Intentional injury by other person | Injury by person--unintentional or intent unknown | Animal and insect related |  |
| Motion picture and sound recording industries Motion picture and video industries Motion picture and video exhibition | 7.4 7.7 7.3 | 2.6 2.8 4.5 | 1.3 1.3 - | 0.7 .7 3.4 | 0.5 -6 | - | - | - | - | - | - | - |
| Broadcasting (except Internet) | 21.3 | 5.3 | . 9 | 4.0 | 6.3 | 5.4 | - | 1.9 | - | - | 1.3 | - |
| Radio and television broadcasting ............................... | 9.2 | 3.0 | - | 3.4 | 7.6 | 6.6 | - | - | - | - | - | - |
| Radio broadcasting ............................................... |  | - | _ | 3.9 | - | - | - | _ | _ | _ | _ | _ |
| Television broadcasting | 14.5 | 5.1 | - | 3.0 | 12.0 | 10.4 | - | - | - | - | - | - |
| Cable and other subscription programming ................... | 52.5 | 11.1 | 2.5 | 5.8 | 3.0 | 2.3 | - | 4.9 | - | - | 4.7 | - |
| Telecommunications ${ }^{10}$ | 51.2 | 13.8 | 4.2 | 4.0 | 6.9 | 6.2 | - | 3.7 | 0.4 | - | 3.4 | 0.5 |
| Wired telecommunications carriers ${ }^{10}$............................ | 65.1 | 18.4 | 3.5 | 4.8 | 8.9 | 8.5 | - | 3.7 | . 4 | - | 3.2 | . 5 |
| Wireless telecommunications carriers (except satellite) .. | 10.8 | - | 2.1 | 1.6 | 1.5 | - | - | - | - | - | - | - |
| Satellite telecommunications ....................................... | - | - | - | - | - | - | - | - | - | - | - | - |
| Other telecommunications ${ }^{10}$..................................... | 44.5 | 10.5 | 11.0 | 3.9 | 5.1 | 3.6 | - | 5.7 | - | - | 5.7 | - |
| Data processing, hosting, and related services ${ }^{10}$.............. | 8.5 | 4.2 | 1.2 | - | - | - | - | - | - | - | - | - |
| Data processing, hosting, and related services .............. | 8.5 | 4.2 | 1.2 | - | - | - | - | - | - | - | - | - |
| Other information services ${ }^{10}$.......................................... | - | - | - | - | - | - | - | - | - | - | - | - |
| Other information services ${ }^{10}$...................................... | - | - | - | - | - | - | - | - | - | - | - | - |
| News syndicates | - | - | - | - | - | - | - | - | - | - | - | - |
| Libraries and archives | - | - | - | - | - | - | - | - | - | - | - | - |
| Financial activities | 13.9 | 5.0 | 1.8 | 1.5 | 1.9 | 1.7 | - | 1.1 | . 4 | 0.5 | . 2 | . 8 |
| Finance and insurance | 5.2 | 1.1 | 2.0 | . 9 | . 7 | . 6 | - | . 4 | . 2 | ( ${ }^{13}$ ) | . 1 | . 1 |
| Monetary authorities - central bank ................................. | 10.2 | - | - | - | - | - | - | - | - | - | - | - |
| Credit intermediation and related activities ....................... | 6.5 | 1.4 | 2.1 | . 9 | . 4 | . 3 | - | . 5 | . 3 | - | . 1 | - |
| Depository credit intermediation .................................. | 7.2 | 1.3 | 2.2 | . 9 | . 4 | . 3 | - | . 1 | - | - | . 1 | - |
| Savings institutions ............................................... | 2.8 | - | - | - | - | - | - | - | - | - | - | - |
| Credit unions ........................................................ | 15.1 | 3.9 | 2.0 | - | - | - | - | - | - | - | - | - |
| Nondepository credit intermediation ............................. | 5.8 | 2.1 | 2.0 | 1.1 | - | - | - | 1.4 | 1.3 | - | - | - |
| Credit card issuing ................................................. | 7.3 | 1.6 | - | - | - | - | - | - | - | - | - | - |
| Sales financing ..................................................... | 4.2 | - | - | - | - | - | - | - | - | - | - | - |
| Other nondepository credit intermediation ................. | 5.7 | 2.8 | 2.2 | 1.3 | - | - | - | 1.9 | 1.9 | - | - | - |
| Activities related to credit intermediation ....................... | 3.4 | - | 2.3 | - | - | - | - | - | - | - | - | - |
| Financial transactions processing, reserve, and clearinghouse activities | 5.9 | - | 4.3 | - | 2.2 | 2.1 | - | - | - | - | - | - |

See footnotes at end of table.

| Industry ${ }^{4}$ | NAICS code ${ }^{5}$ | Total cases | Event or exposure leading to injury or illness ${ }^{6}$ |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  | Contact with objects |  |  |  | Falls, slips, trips |  |  |  |
|  |  |  | Total | Struck by object | Struck against object | Caught in or compressed or crushed | Total | Fall to lower level | Fall <br> on same level | Slips or trips without fall |
| Securities, commodity contracts, and other financial investments and related activities | 523 | 4.7 | - | - | - | - | 2.7 | 0.7 | 1.9 | - |
| Securities and commodity contracts intermediation and brokerage | 5231 | 3.2 | - | - | - | - | 2.2 | 1.0 | 1.1 | - |
| Investment banking and securities dealing ................. | 52311 | 2.9 | - | - | - | - | 1.9 | - | 1.9 | - |
| Securities brokerage ............................................. | 52312 | 3.7 | - | - | - | - | 2.5 | 1.6 | . 8 | - |
| Other financial investment activities ............................. | 5239 | 6.6 | - | - | - | - | 3.5 | - | 3.0 | - |
| Investment advice ................................................ | 52393 | 1.2 | - | - | - | - | - | - | - | - |
| Insurance carriers and related activities | 524 | 15.9 | 1.0 | 0.5 | 0.4 | 0.1 | 7.0 | 1.1 | 5.2 | 0.7 |
| Insurance carriers | 5241 | 19.3 | 1.5 | . 7 | . 6 | . 2 | 8.2 | 1.6 | 5.8 | . 7 |
| Direct life, health, and medical insurance carriers | 52411 | 19.7 | 1.6 | . 7 | . 8 | - | 8.2 | 1.5 | 6.1 | . 5 |
| Direct insurance (except life, health, and medical) carriers | 52412 | 18.5 | 1.5 | . 8 | . 4 | - | 8.2 | 1.3 | 5.7 | 1.1 |
| Reinsurance carriers ............................................. | 52413 | 26.2 | - | - | - | - | 10.2 | - | - | - |
| Agencies, brokerages, and other insurance related activities | 5242 | 11.4 | . 3 | - | - | - | 5.4 | . 4 | 4.4 | . 5 |
| Insurance agencies and brokerages ......................... | 52421 | 8.2 | - | - | - | - | 4.6 | . 3 | 4.1 | - |
| Other insurance related activities ............................. | 52429 | 19.6 | - | - | - | - | 7.4 | - | 5.2 | 1.6 |
| Funds, trusts, and other financial vehicles | 525 | 28.1 | - | - | - | - | 17.7 | - | 14.7 | - |
| Insurance and employee benefit funds | 5251 | 43.3 | - | - | - | - | 27.8 | - | 25.5 | - |
| Other insurance funds | 52519 | 49.4 | - | - | - | - | 33.0 | - | 28.4 | - |
| Other investment pools and funds ............................... | 5259 | 12.2 | - | - | - | - | 7.1 | - | - | - |
| Open-end investment funds ....................................... | 52591 | 11.3 | - | - | - | - | - | - | - | - |
| Real estate and rental and leasing ........................... | 53 | 101.5 | 21.1 | 13.9 | 4.5 | 2.0 | 24.9 | 6.3 | 11.6 | 6.4 |
| Real estate ${ }^{10}$ | 531 | 92.4 | 19.9 | 13.5 | 4.4 | 1.1 | 24.5 | 6.1 | 12.0 | 6.0 |
| Lessors of real estate ${ }^{10}$.................................... | 5311 | 129.1 | 30.3 | 21.6 | 6.6 | 1.3 | 36.6 | 8.1 | 18.0 | 10.3 |
| Lessors of residential buildings and dwellings ${ }^{10}$ | 53111 | 157.2 | 37.8 | 28.8 | 7.5 | - | 30.9 | 11.2 | 11.7 | 7.8 |
| Lessors of nonresidential buildings (except miniwarehouses) ${ }^{10}$ | 53112 | 67.2 | 15.5 | 3.7 | 7.7 | 2.7 | 39.2 | 4.0 | 26.9 | 8.2 |
| Lessors of miniwarehouses and self-storage units ${ }^{10}$... | 53113 | 86.2 | 18.0 | 15.1 | - | - | 53.5 | - | - | 44.3 |
| Offices of real estate agents and brokers ...................... | 5312 | 27.2 | 2.7 | 1.8 | - | - | 1.9 | - 7 | 11 | - |
| Activities related to real estate ..................................... | 5313 | 90.5 | 18.6 | 11.6 | 4.1 | 1.4 | 24.3 | 7.1 | 11.9 | 4.6 |
| Real estate property managers ............................... | 53131 | 104.7 | 21.7 | 13.6 | 4.8 | 1.6 | 28.0 | 8.3 | 13.9 | 5.0 |
| Rental and leasing services .......................................... | 532 | 130.1 | 25.2 | 15.6 | 5.0 | 4.3 | 27.1 | 7.3 | 10.9 | 7.8 |
| Automotive equipment rental and leasing ...................... | 5321 | 142.9 | 29.5 | 14.2 | 8.6 | 6.0 | 30.3 | 6.8 | 19.6 | 3.9 |
| Passenger car rental and leasing ............................. | 53211 | 146.6 | 32.5 | 20.0 | 10.6 | - | 30.9 | - | 27.6 | 1.9 |
| Truck, utility trailer, and rv (recreational vehicle) rental and leasing $\qquad$ | 53212 | 135.6 | 23.4 | - | - | 14.8 | 29.1 | 17.5 | - | - |



[^23]| Industry ${ }^{4}$ | NAICS code ${ }^{5}$ | Total cases | Event or exposure leading to injury or illness ${ }^{6}$ |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  | Contact with objects |  |  |  | Falls, slips, trips |  |  |  |
|  |  |  | Total | Struck by object | Struck against object | Caught in or compressed or crushed | Total | Fall to lower level | Fall on same level | Slips or trips without fall |
| Consumer goods rental |  | - | 12.8 | 9.0 | - | - | 22.9 | - | - | 18.5 |
| Consumer electronics and appliances rental .............. | 53221 | 243.4 | - | - | - | _ | 100.0 | - | - | - |
| Formal wear and costume rental ............................... | 53222 | 96.7 | - | - | - | - | - | - | - | - |
| General rental centers ................................................ | 5323 | 229.6 | 79.9 | 57.0 | - | - | 40.4 | - | 22.7 | - |
| Commercial and industrial machinery and equipment rental and leasing $\qquad$ | 5324 | 77.2 | 17.1 | 12.2 | - | - | 23.5 | 14.3 | 6.0 | - |
| Construction, transportation, mining, and forestry machinery and equipment rental and leasing Other commercial and industrial machinery and equipment rental and leasing $\qquad$ | 53241 53249 | 78.0 66.8 | 14.0 | - | - | - | 31.2 | 21.1 | - | - |
| Lessors of nonfinancial intangible assets (except copyrighted works) | 533 | 9.5 | - | - | - | - | - | - | - | - |
| Professional and business services ..................... |  | 53.1 | 12.0 | 6.7 | 3.2 | 1.6 | 15.1 | 3.3 | 9.1 | 2.1 |
| Professional, scientific, and technical services ......... | 54 | 22.3 | 3.9 | 1.5 | 1.6 | . 6 | 6.3 | . 7 | 4.6 | . 9 |
| Professional, scientific, and technical services ${ }^{10}$............... | 541 | 22.3 | 3.9 | 1.5 | 1.6 | . 6 | 6.3 | . 7 | 4.6 | . 9 |
| Legal services ........................................................ | 5411 | 11.0 | . 6 | . 4 | . 2 | - | 6.6 | . 2 | 5.8 | . 4 |
| Accounting, tax preparation, bookkeeping, and payroll services | 5412 | 11.9 | 1.3 | . 8 | - | . 3 | 6.3 | 1.2 | 4.9 | - |
| Accounting, tax preparation, bookkeeping, and payroll services | 54121 | 11.9 | 1.3 | . 8 | - | . 3 | 6.3 | 1.2 | 4.9 | - |
| Offices of certified public accountants .................... | 541211 | 10.7 | - | . 8 | _ | . | - | - | - | _ |
| Other accounting services .................................... | 541219 | 14.6 | 2.7 | - | - | - | 5.0 | 2.0 | 2.4 | - |
| Architectural, engineering, and related services ............. | 5413 | 25.3 | 6.2 | 2.4 | 3.0 | . 4 | 6.8 | 1.5 | 2.0 | 3.1 |
| Engineering services .............................................. | 54133 | 25.7 | 6.4 | 1.9 | 3.6 | . 5 | 4.5 | 1.3 | 1.7 | 1.4 |
| Surveying and mapping (except geophysical) services | 54137 | 8.2 | 10 | - | - | - | 6.2 | - | - | 15 |
| Testing laboratories ................................................ | 54138 | 45.3 | 10.3 | 3.9 | 4.6 | - | 19.8 | - | 3.5 | 15.4 |
| Specialized design services .......................................................................... | 5414 | 28.3 | - | - | - | - | - | - | - | - |
| Computer systems design and related services ............. | 5415 | 8.5 | . 9 | . 3 | . 5 | - | 3.5 | . 4 | 2.7 | . 3 |
| Computer systems design and related services ......... | 54151 | 8.5 | . 9 | . 3 | . 5 | _ | 3.5 | . 4 | 2.7 | . 3 |
| Custom computer programming services ............... | 541511 | 8.9 | 1.1 | - | . 9 | - | 3.7 | . 5 | 2.5 | . 6 |
| Computer systems design services ...................... | 541512 | 6.8 | . 9 | . 5 | . 3 | _ | 3.1 | - | 2.7 | - |
| Computer facilities management services .............. | 541513 | 22.7 | - | - | - | - | - | - | - | - |
| Other computer related services ........................... | 541519 | 10.5 | - | - | - | - | 6.1 | - | 5.2 | - |
| Management, scientific, and technical consulting services ${ }^{10}$ | 5416 | 14.0 | 1.5 | . 7 | - | . 6 | 8.1 | . 4 | 7.2 | . 4 |
| Environmental consulting services ........................... | 54162 | 8.8 | - | - | _ | - | - | - | - | - |
| Other scientific and technical consulting services ........ | 54169 | 11.1 | 2.3 | 2.3 | - | - | 5.1 | - | 4.3 | - |
| Scientific research and development services ................ | 5417 | 29.8 | 6.6 | 1.8 | 1.4 | 3.2 | 7.2 | . 6 | 5.5 | 1.1 |
| Advertising and related services ................................. | 5418 | 26.1 | 7.9 | 3.7 | 2.5 | 1.5 | 7.7 | 1.4 | 6.2 | - |
| Other professional, scientific, and technical services ...... | 5419 | 105.8 | 16.8 | 5.8 | 9.1 | 1.6 | 7.8 | - | 6.5 | - |

[^24]| Industry ${ }^{4}$ | Event or exposure leading to injury or illness ${ }^{6}$ |  |  |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Overexertion and bodily reaction |  |  | Expo- <br> sure to harmful substance or environment | Transportation incidents |  | Fires and explosions | Violence and other injuries by persons or animals |  |  |  | All other events ${ }^{7}$ |
|  | Total | In lifting | Repetitive motion |  | Total | Roadway incidents |  | Total | Intentional injury by other person | Injury by person--unintentional or intent unknown | Animal and insect related |  |
| Consumer goods rental | 88.6 | 45.0 | - | - | - | - | - | - | - | - | - | - |
| Consumer electronics and appliances rental .............. | 114.0 | - | - | - | - | - | - | - | - | - | - | - |
| Formal wear and costume rental ............................... | 92.9 | - | - | - | - | - | - | - | - | - | - | - |
| General rental centers ............................................... | 96.7 | 42.2 | - | - | - | - | - | - | - | - | - | - |
| Commercial and industrial machinery and equipment rental and leasing $\qquad$ | 28.0 | 12.0 | - | 5.9 | - | - | - | - | - | - | - | - |
| Construction, transportation, mining, and forestry machinery and equipment rental and leasing Other commercial and industrial machinery and equipment rental and leasing | 28.8 | 7.8 | - | - | - | - | - | - | - | - | - | - |
| Lessors of nonfinancial intangible assets (except copyrighted works) | - | - | - | - | - | - | - | - | - | - | - | - |
| Professional and business services ...................... | 16.1 | 4.7 | 1.5 | 2.2 | 3.5 | 2.6 | 0.1 | 3.2 | 0.4 | 0.3 | 2.5 | 0.9 |
| Professional, scientific, and technical services ......... | 5.5 | 1.8 | . 8 | 1.0 | 1.1 | . 8 | - | 3.9 | - | $\left({ }^{13}\right)$ | 3.8 | . 5 |
| Professional, scientific, and technical services ${ }^{10}$............... | 5.5 | 1.8 | . 8 | 1.0 | 1.1 | . 8 | - | 3.9 | - | ( ${ }^{13}$ ) | 3.8 | . 5 |
| Legal services .......................................................... | 3.0 | . 8 | 1.2 | . 2 | . 4 | - | - | - | - | ( | - | - |
| Accounting, tax preparation, bookkeeping, and payroll services | 1.7 | . 4 | . 3 | 1.1 | . 5 | - | - | . 9 | - | - | . 7 | - |
| Accounting, tax preparation, bookkeeping, and payroll services | 1.7 | . 4 | . 3 | 1.1 | . 5 | - | - | . 9 | - | - | . 7 | - |
| Offices of certified public accountants .................... | - | - | - | - | - | - | - | - | - | - | - | - |
| Other accounting services ................................... | 2.9 | - | . 9 | - | - | - | - | 3.0 | - | - | 2.5 | - |
| Architectural, engineering, and related services ............. | 5.3 | 2.0 | . 8 | 2.2 | 2.2 | 1.8 | - | 2.2 | - | - | 2.2 | . 5 |
| Engineering services .............................................. | 4.6 | 1.5 | . 7 | 3.1 | 3.1 | 2.5 | - | 3.4 | - | - | 3.3 | . 7 |
| Surveying and mapping (except geophysical) services | - | - | - | - | - | - | - | - | - | - | - | - |
| Testing laboratories ............................................... | 12.9 | 7.7 | - | - | - | - | - | - | - | - | - | - |
| Specialized design services ....................................... | - | - | - | - | - | - | - | - | - | - | - | - |
| Computer systems design and related services ............. | 3.1 | 1.0 | . 7 | . 3 | . 3 | . 3 | - | . 2 | - | - | . 2 | - |
| Computer systems design and related services ......... | 3.1 | 1.0 | . 7 | . 3 | . 3 | . 3 | - | . 2 | - | - | . 2 | - |
| Custom computer programming services ............... | 3.1 | 1.5 | . 5 | - | . 4 | . 3 | - | . 5 | - | - | . 5 | - |
| Computer systems design services ...................... | 2.2 | . 4 | . 8 | . 2 | . 3 | . 3 | - | - | - | - | - | - |
| Computer facilities management services .............. | 16.9 | 5.2 | - | - | - | - | - | - | - | - | - | - |
| Other computer related services ........................... | 2.8 | - | - | - | - | - | - | - | - | - | - | - |
| Management, scientific, and technical consulting services ${ }^{10}$ | 3.7 | . 8 | . 5 | . 4 | . 3 | - | - | - | - | - | - | - |
| Environmental consulting services ........................... | - | - | _ | _- | . | _ | _ | _ | - | _ | _ | _ |
| Other scientific and technical consulting services ........ | 3.7 | 1.7 | - | - | - | - | - | - | - | - | - | - |
| Scientific research and development services ................ | 11.8 | 2.7 | 1.0 | 2.1 | 1.0 | . 3 | - | . 7 | - | - | . 6 | . 5 |
| Advertising and related services ................................. | 5.7 | 2.6 | - | - | 3.4 | 2.5 | - | 1.6 | - | - | 1.6 | - |
| Other professional, scientific, and technical services ....... | 21.5 | 9.0 | 2.0 | 3.0 | 2.2 | 2.1 | - | 48.8 | - | - | 48.8 | 5.6 |

[^25]| Industry ${ }^{4}$ | NAICS code ${ }^{5}$ | Total cases | Event or exposure leading to injury or illness ${ }^{6}$ |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  | Contact with objects |  |  |  | Falls, slips, trips |  |  |  |
|  |  |  | Total | Struck by object | Struck against object | Caught in or compressed or crushed | Total | Fall to lower level | Fall on same level | Slips or trips without fall |
| Marketing research and public opinion polling ............ | 54191 | 21.8 | 5.9 | - | 5.3 | - | 3.2 | - | 2.7 | - |
| Photographic services ............................................ | 54192 | 13.1 | - | - | - | _ | - | _ | - | - |
| Veterinary services ................................................. | 54194 | 191.0 | 23.5 | 7.8 | 12.2 | - | 13.8 | - | 11.6 | - |
| All other professional, scientific, and technical services | 54199 | 34.5 | 18.9 | 6.9 | 11.4 | - | - | - | - | - |
| Management of companies and enterprises ............. | 55 | 29.6 | 5.0 | 2.5 | 1.1 | 1.2 | 10.2 | 1.8 | 6.3 | 0.8 |
| Administrative and support and waste management and remediation services | 56 | 110.3 | 27.4 | 16.5 | 6.6 | 3.3 | 30.7 | 8.0 | 17.1 | 4.6 |
| Administrative and support services ${ }^{10}$ | 561 | 102.3 | 23.6 | 13.8 | 6.2 | 2.7 | 30.2 | 7.6 | 17.3 | 4.4 |
| Office administrative services ....... | 5611 | 27.8 | 4.0 | . 6 | 3.0 | - | 5.6 | 1.6 | 2.7 | 1.3 |
| Facilities support services | 5612 | 119.3 | 21.4 | 14.5 | 5.6 | - | 25.8 | 4.6 | 17.0 | 3.4 |
| Employment services ${ }^{10}$ | 5613 | 40.7 | 11.7 | 8.4 | 1.1 | 1.7 | 11.8 | 5.7 | 3.5 | 2.4 |
| Employment placement agencies and executive search services ${ }^{10}$ | 56131 | 22.7 | 4.8 | 3.7 | - | - | 4.4 | - | 3.4 | - |
| Temporary help services ........................................ | 56132 | 47.4 | 13.7 | 9.1 | 1.3 | 2.5 | 15.4 | 8.4 | 3.7 | 3.1 |
| Professional employer organizations ........................ | 56133 | 43.9 | 15.0 | 13.0 | 1.8 | - | 10.0 | 4.2 | 3.2 | 2.4 |
| Business support services ......................................... | 5614 | 29.7 | 4.4 | 2.6 | 1.1 | . 5 | 13.0 | . 5 | 11.4 | 1.1 |
| Document preparation services ............................... | 56141 | 10.8 | - | - | - | - | - | - | - | - |
| Telephone call centers ........................................... | 56142 | 29.8 | 4.0 | 2.1 | 1.7 | - | 14.7 | . 5 | 12.4 | 1.7 |
| Business service centers ....................................... | 56143 | 27.2 | 12.0 | 9.1 | - | _ | 3.8 | - | 3.3 | - |
| Collection agencies ............................................... | 56144 | 34.8 | 2.3 | 1.6 | - | - | 22.0 | - | 20.8 | - |
| Other business support services .............................. | 56149 | 37.1 | 4.3 | - | - | 2.3 | 7.1 | - | 6.2 | - |
| Travel arrangement and reservation services ................ | 5615 | 36.4 | 3.8 | 1.2 | 1.9 | - | 18.1 | 6.0 | 8.0 | 3.9 |
| Travel agencies .................................................... | 56151 | 23.2 | - | - | - | - | 9.0 | - | - | - |
| Tour operators ...................................................... | 56152 | 61.3 | - | - | - | - | 47.1 | 42.7 | - | - |
| Other travel arrangement and reservation services ..... | 56159 | 43.0 | 8.1 | 2.6 | 4.1 | - | 19.4 | - | 10.6 | 8.0 |
| Investigation and security services .............................. | 5616 | 71.3 | 11.0 | 5.6 | 2.5 | 2.0 | 24.9 | 2.9 | 17.6 | 4.2 |
| Investigation, guard, and armored car services .......... | 56161 | 78.0 | 11.4 | 5.5 | 2.8 | 2.1 | 28.0 | 2.7 | 20.3 | 4.9 |
| Investigation services ......................................... | 561611 | 21.0 | - | - | - | - | - | - | - | - |
| Security guards and patrol services ...................... | 561612 | 75.5 | 8.9 | 4.2 | 2.2 | 1.3 | 30.6 | 2.7 | 22.5 | 5.3 |
| Armored car services | 561613 | 182.8 | 62.4 | 32.3 | 12.7 | 17.4 | 10.7 | - | - | - |
| Security systems services ...................................... | 56162 | 37.7 | 8.9 | 6.1 | - | - | 9.2 | 4.2 | 4.2 | - |
| Services to buildings and dwellings ............................. | 5617 | 207.0 | 51.7 | 31.1 | 13.3 | 5.4 | 59.2 | 17.0 | 31.9 | 7.9 |
| Exterminating and pest control services .................... |  | - | 36.2 | - | 32.1 | - | 118.6 | 20.2 | 83.7 | 14.8 |
| Janitorial services .................................................. | 56172 | 192.1 | 31.2 | 16.1 | 10.4 | 3.6 | 79.1 | 24.8 | 44.8 | 6.5 |
| Landscaping services ............................................ | 56173 | 217.3 | 87.2 | 59.0 | 15.1 | 9.6 | 28.2 | 6.4 | 9.8 | 9.7 |
| Carpet and upholstery cleaning services ................... | 56174 | 217.3 | 21.6 | 16.4 | - | - | 31.3 | - | 27.7 | - |
| Other support services .............................................. | 5619 | 103.0 | 28.3 | 11.5 | 11.4 | 5.1 | 22.0 | 4.0 | 13.1 | 4.8 |
| Waste management and remediation services .................. | 562 | 203.8 | 71.6 | 49.2 | 11.0 | 10.3 | 36.0 | 13.1 | 14.8 | 6.7 |
| Waste collection ....................................................... | 5621 | 250.3 | 96.3 | 66.3 | 12.9 | 16.1 | 37.5 | 11.4 | 14.7 | 9.3 |

[^26]| Industry ${ }^{4}$ | Event or exposure leading to injury or illness ${ }^{6}$ |  |  |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Overexertion and bodily reaction |  |  | Expo- <br> sure to harmful substance or environment | Transportation incidents |  | Fires and explosions | Violence and other injuries by persons or animals |  |  |  | All other events ${ }^{7}$ |
|  | Total | In lifting | Repetitive motion |  | Total | Roadway incidents |  | Total | Intentional injury by other person | Injury by person--unintentional or intent unknown | Animal and insect related |  |
| Marketing research and public opinion polling | 3.7 | - | - | - | 9.0 | 8.2 | - | - | - | - | - | - |
| Photographic services ............................................ | 10.1 | - | - | - | - | - | - | - | - | - | - | - |
|  | 34.9 | 16.8 | - | 6.3 | - | - | - | 100.9 | - | - | 100.9 | 11.5 |
| All other professional, scientific, and technical services | 14.8 | - | 9.1 | - | - | - | - | - | - | - | - | - |
| Management of companies and enterprises .............. | 10.9 | 3.8 | 1.6 | 1.2 | 1.3 | 1.2 | - | . 7 | 0.3 | 0.3 | . 1 | . 3 |
| Administrative and support and waste management and remediation services | 34.6 | 9.5 | 2.5 | 4.4 | 8.0 | 6.0 | 0.4 | 3.1 | 1.0 | . 8 | 1.3 | 1.8 |
| Administrative and support services ${ }^{10}$ | 32.5 | 8.5 | 2.7 | 3.4 | 7.2 | 5.4 | . 3 | 3.3 | 1.1 | . 8 | 1.4 | 1.8 |
| Office administrative services ...................................... | 11.3 | 2.4 | 1.4 | 1.0 | 2.3 | 1.3 | - | 3.5 | - | . 6 | 2.9 | - |
| Facilities support services ........................................... | 39.4 | 7.5 | 2.0 | 3.9 | 5.2 | 3.7 | - | 23.5 | 10.7 | 11.5 | 1.4 | - |
| Employment services ${ }^{10}$ | 13.3 | 3.1 | 1.2 | 1.2 | 2.0 | 1.7 | - | . 3 | - | - | - | . 4 |
| Employment placement agencies and executive search services ${ }^{10}$ | 10.3 | 1.4 | - | - | - | - | - | - | - | - | - | - |
| Temporary help services ........................................ | 15.2 | 3.7 | 1.5 | 1.0 | 1.3 | . 9 | - | . 4 | - | - | - | - |
| Professional employer organizations ........................ | 11.0 | 3.6 | 1.6 | 2.8 | 4.7 | 4.0 | - | - 7 | - | - | - | - |
| Business support services ......................................... | 9.0 | 2.9 | 2.9 | 1.9 | . 4 | . 3 | - | . 7 | - | - | . 3 | . 3 |
| Document preparation services ............................... | 7.4 | - | - | - | - | - | - | - | - | - | - | - |
| Telephone call centers ........................................... | 6.9 | . 5 | 2.9 | 2.2 | - | - | - | 1.1 | - | - | . 5 | - |
| Business service centers ....................................... | 9.3 | 6.9 | - | - | - | - | - | - | - | - | - | - |
| Collection agencies ............................................... | 7.9 | - | 4.2 | 2.0 | - | - | - | - | - | - | - | - |
| Other business support services .............................. | 21.9 | 15.8 | - | - | - | - | - | - | - | - | - | - |
| Travel arrangement and reservation services ................. | 9.6 | 1.7 | - | 1.1 | 3.5 | 3.3 | - | - | - | - | - | - |
| Travel agencies .................................................... | - | - | - | - | 7.4 | 7.4 | - | - | - | - | - | - |
| Tour operators ...................................................... | - | - | - | - | - | - | - | - | - | - | - | - |
| Other travel arrangement and reservation services ..... | 13.1 | 2.8 | - | - | - | - | - | - | - | - | - | - |
| Investigation and security services .............................. | 14.8 | 3.3 | . 5 | 2.7 | 10.3 | 7.0 | - | 6.7 | 4.2 | 1.8 | . 3 | 1.0 |
| Investigation, guard, and armored car services .......... | 15.0 | 3.7 | . 6 | 3.2 | 11.4 | 7.5 | - | 8.0 | 5.1 | 2.2 | . 3 | 1.0 |
| Investigation services ......................................... | 6.8 | - | - | 4.6 | - | - | - | - | - | - | - | - |
| Security guards and patrol services ...................... | 13.0 | 3.1 | . 3 | 3.3 | 10.0 | 5.7 | - | 8.5 | 5.3 | 2.4 | . 4 | 1.1 |
| Armored car services .......................................... | 58.3 | 14.9 | - | - | 46.0 | 44.3 | - | - | - | - | - | - |
| Security systems services ...................................... | 14.0 | 18 | - | - | 4.4 | 4.4 | 1 |  | - | - |  |  |
| Services to buildings and dwellings ............................. | 68.2 | 18.8 | 4.4 | 6.4 | 13.2 | 10.3 | 1.0 | 3.1 | - | . 3 | 2.8 | 4.1 |
| Exterminating and pest control services .................... | 31.8 | - | - | - | 12.4 | 10.3 | - | - | - | - | - | - |
| Janitorial services .................................................. | 63.9 | 20.5 | 5.0 | 4.8 | 5.9 | 5.5 | 2.0 | 1.8 | - | . 3 | 1.4 | 3.4 |
| Landscaping services ............................................ | 67.2 | 21.5 | 5.0 | 7.8 | 15.8 | 9.6 | - | 4.7 | - | - | 4.2 | 6.4 |
| Carpet and upholstery cleaning services ................... | 123.3 | 17.4 | - | 9.1 | 32.0 | 30.7 | - | - | - | - | - | - |
| Other support services .............................................. | 38.4 | 8.2 | 5.3 | 3.4 | 7.1 | 5.2 | - | 1.4 | - | . 8 | - | 2.5 |
| Waste management and remediation services .................. | 58.8 | 21.4 | 1.0 | 15.3 | 18.1 | 12.8 | . 7 | . 9 | - | - | . 8 | 2.4 |
| Waste collection ...................................................... | 78.8 | 31.3 | - | 10.0 | 22.4 | 19.9 | - | - | - | - | - | 4.4 |


| Industry ${ }^{4}$ | NAICS code ${ }^{5}$ | Total cases | Event or exposure leading to injury or illness ${ }^{6}$ |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  | Contact with objects |  |  |  | Falls, slips, trips |  |  |  |
|  |  |  | Total | Struck by object | Struck against object | Caught in or compressed or crushed | Total | Fall to lower level | Fall on same level | Slips or trips without fall |
| Waste collection | 56211 | 250.3 | 96.3 | 66.3 | 12.9 | 16.1 | 37.5 | 11.4 | 14.7 | 9.3 |
| Hazardous waste collection | 562112 | 105.6 | 18.3 | - | - | - | 43.3 | - | 25.6 | - |
| Other waste collection ......................................... | 562119 | 124.4 | 34.8 | 18.3 | - | - | - | - | - | - |
| Waste treatment and disposal ..................................... | 5622 | 182.6 | 62.8 | 41.8 | 9.7 | 9.2 | 33.0 | 4.9 | 19.5 | 6.3 |
| Waste treatment and disposal .................................. | 56221 | 182.6 | 62.8 | 41.8 | 9.7 | 9.2 | 33.0 | 4.9 | 19.5 | 6.3 |
| Hazardous waste treatment and disposal ............... | 562211 | 86.5 | 16.2 | 6.1 | 6.4 | - | 22.1 | 4.7 | 16.4 | - |
| Solid waste landfill .............................................. | 562212 | 238.7 | 104.4 | 79.3 | 13.4 | 6.2 | 32.6 | - | 17.8 | 8.8 |
| Solid waste combustors and incinerators | 562213 | 60.0 | - | - | - | - | 27.6 | - | - | - |
| Other nonhazardous waste treatment and disposal | 562219 | 309.8 | 86.6 | 44.3 | 10.7 | 31.7 | 60.0 | - | 36.5 | 14.3 |
| Remediation and other waste management services ...... | 5629 | 161.0 | 46.8 | 33.2 | 9.6 | 3.7 | 36.7 | 21.9 | 11.0 | 3.8 |
| Remediation services ............................................. | 56291 | 161.4 | 41.0 | 29.6 | 11.3 | - | 40.6 | 35.5 | 4.9 | - |
| Materials recovery facilities | 56292 | 227.9 | 93.7 | 71.8 | - | - | 29.6 | - | 23.5 | - |
| All other waste management services ....................... | 56299 | 131.3 | 38.3 | 23.7 | - | - | 31.8 | - | 18.2 | 11.2 |
| Education and health services |  | 120.5 | 14.5 | 7.9 | 4.5 | 1.3 | 30.4 | 2.6 | 23.1 | 4.4 |
| Educational services | 61 | 55.8 | 9.6 | 6.1 | 2.4 | . 7 | 19.7 | 2.7 | 13.8 | 2.6 |
| Educational services ..................................................... | 611 | 55.8 | 9.6 | 6.1 | 2.4 | . 7 | 19.7 | 2.7 | 13.8 | 2.6 |
| Elementary and secondary schools ............................. | 6111 | 84.3 | 15.6 | 11.5 | 3.2 | . 5 | 33.8 | 3.4 | 24.9 | 4.4 |
| Junior colleges ....................................................... | 6112 | 25.4 | - | - | - | - | 11.8 | - | 7.7 | - |
| Colleges, universities, and professional schools ............. | 6113 | 50.2 | 9.6 | 5.3 | 2.5 | 1.1 | 17.1 | 3.0 | 11.7 | 2.1 |
| Business schools and computer and management training $\qquad$ | 6114 | 40.2 | - | - | - | - | - | - | - | - |
| Technical and trade schools ...................................... | 6115 | 27.1 | 5.5 | 2.4 | 3.1 | - | 8.7 | - | 6.6 | 1.7 |
| Other schools and instruction | 6116 | 27.7 | 1.9 | - | - | - | 7.3 | 1.4 | 3.3 | 2.5 |
| Fine arts schools | 61161 | 27.7 | - | - | - | - | - | - | - | - |
| Sports and recreation instruction | 61162 | 36.8 | - | - | - | - | 14.0 | - |  | 9.8 |
| All other schools and instruction .............................. | 61169 | 26.8 | 3.5 | - | - | - | 6.9 | - | 3.9 | - |
| Educational support services ..................................... | 6117 | 44.3 | - | - | - | - | 9.3 | 2.9 | 5.6 | - |
| Health care and social assistance ............................ | 62 | 129.4 | 15.2 | 8.1 | 4.7 | 1.4 | 31.9 | 2.6 | 24.3 | 4.7 |
| Ambulatory health care services ..................................... | 621 | 63.6 | 5.0 | 2.3 | 1.5 | . 5 | 17.0 | 1.9 | 12.9 | 2.1 |
| Offices of physicians ................................................. | 6211 | 32.4 | 3.0 | 1.5 | . 9 | . 3 | 9.6 | 1.0 | 7.0 | 1.4 |
| Offices of physicians ............................................ | 62111 | 32.4 | 3.0 | 1.5 | . 9 | . 3 | 9.6 | 1.0 | 7.0 | 1.4 |
| Offices of physicians (except mental health specialists) | 621111 | 31.6 | 2.9 | 1.4 | . 8 | . 3 | 9.4 | 1.1 | 6.8 | 1.4 |
| Offices of physicians, mental health specialists ....... | 621112 | 72.7 | 10.5 | - | - | - | 16.7 | - | 14.5 | - |
| Offices of dentists ...................................................... | 6212 | 12.7 | 5.3 | . 9 | 1.8 | - | 2.2 | . 7 | 1.5 | - |
| Offices of other health practitioners ............................. | 6213 | 25.7 | 1.1 | . 4 | . 5 | - | 5.7 | . 9 | 4.0 | . 8 |
| Outpatient care centers ............................................. | 6214 | 97.7 | 10.9 | 7.1 | 1.9 | . 3 | 31.5 | . 8 | 29.9 | . 7 |
| Medical and diagnostic laboratories ............................. | 6215 | 42.6 | 4.9 | 2.6 | 2.2 | - | 11.9 | - | 10.3 | 1.0 |
| Home health care services ......................................... | 6216 | 138.6 | 4.9 | 2.3 | 2.0 | . 4 | 39.3 | 5.8 | 27.5 | 5.3 |

[^27]| Industry ${ }^{4}$ | Event or exposure leading to injury or illness ${ }^{6}$ |  |  |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Overexertion and bodily reaction |  |  | Expo- <br> sure to harmful substance or environment | Transportation incidents |  | Fires and explosions | Violence and other injuries by persons or animals |  |  |  | All other events ${ }^{7}$ |
|  | Total | In lifting | Repetitive motion |  | Total | Roadway incidents |  | Total | Intentional injury by other person | Injury by person--unintentional or intent unknown | Animal and insect related |  |
| Waste collection | 78.8 | 31.3 | - | 10.0 | 22.4 | 19.9 | - | - | - | - | - | 4.4 |
| Hazardous waste collection | 34.1 | 28.1 | - | - | - | - | - | - | - | - | - | - |
| Other waste collection ......................................... | 55.4 | 18.3 | - | - | - | - | - | - | - | - | - | - |
| Waste treatment and disposal .................................... | 62.8 | 16.7 | - | - | 17.4 | 6.5 | - | 2.9 | - | - | 2.5 | _ |
| Waste treatment and disposal ................................. | 62.8 | 16.7 | - | - | 17.4 | 6.5 | - | 2.9 | - | - | 2.5 | - |
| Hazardous waste treatment and disposal ............... | 33.7 | 6.9 | - | - | 9.4 | 6.2 | - | - | - | - | - | - |
| Solid waste landfill .............................................. | 85.1 | 17.8 | - | - | 10.2 | 9.2 | - | - | - | - | - | - |
| Solid waste combustors and incinerators ................ | - | - | - | - | - | - | - | _ | - | - | - | - |
| Other nonhazardous waste treatment and disposal | 94.8 | 39.0 | - | - | 59.0 | - | - | - | - | - | - | - |
| Remediation and other waste management services ..... | 29.6 | 12.3 | - | 33.7 | 13.1 | 8.8 | - | - | - | - | - | _ |
| Remediation services .............................................. | 32.1 | 11.9 | - | 36.0 | 10.3 | 8.3 | - | - | - | - | - | - |
| Materials recovery facilities ..................................... | 39.3 | 30.7 | - | - | 57.3 | 31.4 | - | - | - | - | - | - |
| All other waste management services ...................... | 20.3 | - | - | 40.9 | - | - | - | - | - | - | - | - |
| Education and health services ............................. | 51.8 | 12.8 | 2.6 | 4.4 | 4.7 | 4.1 | $\left({ }^{13}\right)$ | 14.0 | 6.6 | 6.2 | 1.1 | . 6 |
| Educational services .............................................. | 14.7 | 3.9 | 1.2 | 1.9 | 3.0 | 2.4 | - | 6.6 | 3.5 | 2.7 | . 4 | . 2 |
| Educational services | 14.7 | 3.9 | 1.2 | 1.9 | 3.0 | 2.4 | - | 6.6 | 3.5 | 2.7 | . 4 | . 2 |
| Elementary and secondary schools ............................. | 14.8 | 3.2 | 1.6 | 2.0 | 2.0 | 1.4 | - | 15.9 | 8.7 | 6.9 | . 3 | - |
| Junior colleges ....................................................... | 5.4 | - | - | - | - | - | - | - | - | - | - | , |
| Colleges, universities, and professional schools ............. | 18.0 | 5.4 | 1.3 | 2.1 | 1.8 | 1.1 | - | 1.4 | . 4 | . 4 | . 4 | . 3 |
| Business schools and computer and management training $\qquad$ | - | - | - | - | 27.4 | 25.3 | - | - | - | - | - | - |
| Technical and trade schools ...................................... | 8.6 | - | 1.5 | 3.1 | - | - | - | - |  | - | - | - |
| Other schools and instruction ...................................... | 9.6 | 2.8 | - | - | 3.4 | 3.0 | - | 5.2 | 3.9 | - | 1.1 | - |
| Fine arts schools .................................................. | 16.1 | 8.6 | - | - | - | - | - | - | - | - | - | - |
| Sports and recreation instruction ............................. | 13.2 | - | - | - | 8.5 | 8.5 | - | - | - | - | - | - |
| All other schools and instruction .............................. | 6.7 | - | - | - | - | 5 | - | 8.9 | 6.5 | 10 | - | - |
| Educational support services ..................................... | 12.0 | - | - | - | 5.5 | 5.5 | - | 15.7 | 5.4 | 10.3 | - | - |
| Health care and social assistance ............................ | 56.9 | 14.1 | 2.8 | 4.8 | 4.9 | 4.4 | $\left({ }^{13}\right)$ | 15.1 | 7.0 | 6.7 | 1.2 | . 7 |
| Ambulatory health care services ..................................... | 28.7 | 7.1 | 2.7 | 2.6 | 6.0 | 5.5 | - | 4.0 | 1.4 | 1.8 | . 8 | . 2 |
| Offices of physicians | 14.9 | 2.0 | 3.6 | 3.0 | . 8 | . 7 | _ | 1.1 | . 4 | . 6 | - | . 1 |
| Offices of physicians | 14.9 | 2.0 | 3.6 | 3.0 | . 8 | . 7 | - | 1.1 | . 4 | . 6 | - | . 1 |
| Offices of physicians (except mental health specialists) | 15.1 | 2.0 | 3.7 | 3.1 | . 8 | . 7 | - | . 3 | . 1 | . 2 | - | . 1 |
| Offices of physicians, mental health specialists | - | - | - | - | - | - | - | 39.6 | 17.3 | 21.8 | _ | - |
| Offices of dentists | 5.0 | 1.5 | . 8 | - | - | - | - | - | - | - | - | - |
| Offices of other health practitioners ............................. | 13.0 | 1.6 | 4.9 | 1.8 | 1.2 | 1.2 | - | 2.7 | 1.6 | 1.0 | - | . 3 |
| Outpatient care centers .............................................. | 37.3 | 10.1 | 2.4 | 2.0 | 8.9 | 8.1 | - | 6.7 | 4.7 | 1.2 | . 8 | . 4 |
| Medical and diagnostic laboratories ............................ | 13.1 | 2.2 | 2.6 | 4.1 | 6.9 | 6.7 | - | 1.5 | - | - | . | - |
| Home health care services .......................................... | 57.7 | 12.4 | . 8 | 2.9 | 21.0 | 19.9 | - | 12.1 | 2.8 | 4.9 | 4.3 | . 6 |


| Industry ${ }^{4}$ | NAICS code5 | Total cases | Event or exposure leading to injury or illness ${ }^{6}$ |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  | Contact with objects |  |  |  | Falls, slips, trips |  |  |  |
|  |  |  | Total | Struck by object | Struck against object | Caught in or compressed or crushed | Total | Fall to lower level | Fall on same level | Slips or trips without fall |
| Other ambulatory health care services | 6219 | 250.7 | 17.8 | 7.0 | 5.2 | 5.2 | 44.9 | 4.7 | 30.7 | 8.9 |
| Ambulance services ..................... | 62191 | 355.0 | 21.3 | 7.1 | 7.7 | 6.2 | 45.1 | 5.8 | 25.9 | 12.9 |
| All other ambulatory health care services ................... | 62199 | 103.9 | 13.0 | 6.9 | 1.7 | 3.6 | 44.6 | 3.2 | 37.4 | 3.4 |
| Hospitals | 622 | 152.7 | 20.3 | 10.6 | 6.5 | 2.3 | 35.1 | 2.4 | 27.0 | 5.4 |
| General medical and surgical hospitals | 6221 | 151.3 | 20.3 | 10.5 | 6.6 | 2.3 | 35.0 | 2.4 | 26.9 | 5.5 |
| Psychiatric and substance abuse hospitals ................... | 6222 | 225.1 | 20.4 | 12.6 | 5.1 | 2.1 | 48.1 | 4.3 | 36.9 | 6.7 |
| Specialty (except psychiatric and substance abuse) hospitals | 6223 | 144.8 | 21.4 | 11.7 | 6.3 | 2.7 | 30.8 | 2.3 | 24.1 | 4.0 |
| Nursing and residential care facilities ............................... | 623 | 233.4 | 28.6 | 15.8 | 9.0 | 2.4 | 53.7 | 3.5 | 41.7 | 7.7 |
| Nursing care facilities ................ | 6231 | 251.8 | 30.7 | 16.9 | 9.3 | 2.9 | 63.8 | 1.8 | 51.4 | 9.8 |
| Residential mental retardation, mental health and substance abuse facilities | 6232 | 213.0 | 27.9 | 13.4 | 12.3 | 1.5 | 40.4 | 8.4 | 25.4 | 5.5 |
| Community care facilities for the elderly | 6233 | 217.9 | 27.5 | 17.2 | 6.9 | 2.4 | 46.5 | 3.0 | 38.0 | 4.9 |
| Other residential care facilities .................................... | 6239 | 194.5 | 15.9 | 7.0 | 4.1 | - | 33.1 | 3.9 | 21.6 | 6.4 |
| Social assistance | 624 | 119.1 | 14.1 | 8.4 | 3.9 | . 9 | 36.2 | 3.7 | 26.1 | 6.0 |
| Individual and family services .................................... | 6241 | 118.9 | 8.7 | 4.4 | 2.6 | 1.0 | 29.0 | 4.4 | 19.9 | 4.3 |
| Child and youth services ......................................... | 62411 | 67.8 | 8.4 | 3.5 | 4.1 | - | 19.8 | 1.7 | 14.5 | 3.3 |
| Services for the elderly and persons with disabilities ... | 62412 | 140.1 | 9.8 | 4.6 | 2.6 | 1.3 | 31.2 | 5.3 | 19.9 | 5.5 |
| Other individual and family services .......................... | 62419 | 104.9 | 7.0 | 4.5 | 1.7 | . 5 | 29.2 | 4.0 | 22.3 | 2.5 |
| Community food and housing, and emergency and other relief services | 6242 | 135.2 | 19.7 | 13.2 | 3.4 | 2.3 | 45.1 | 5.5 | 15.3 | 22.4 |
| Community food services | 62421 | 242.9 | 22.9 | 21.4 | - | - | 148.1 | - | 28.1 | 108.3 |
| Community housing services | 62422 | 97.2 | 9.5 | 3.8 | 2.5 | - | 22.4 | 4.5 | 16.0 | - |
| Emergency and other relief services | 62423 | 137.7 | 46.2 | 32.3 | - | - | - | - | - | - |
| Vocational rehabilitation services | 6243 | 177.5 | 25.4 | 11.3 | 9.2 | 1.9 | 43.4 | 3.4 | 30.5 | 9.3 |
| Child day care services ............................................. | 6244 | 92.4 | 16.7 | 12.6 | 4.0 | - | 42.7 | 2.4 | 36.1 | 4.0 |
| Leisure and hospitality ........................................ |  | 102.8 | 29.9 | 19.9 | 6.7 | 2.6 | 30.4 | 3.7 | 21.5 | 4.8 |
| Arts, entertainment, and recreation ......................... | 71 | 125.5 | 29.1 | 17.5 | 7.1 | 3.2 | 36.3 | 9.6 | 20.9 | 5.0 |
| Performing arts, spectator sports, and related industries ..... | 711 | 150.4 | 19.3 | 12.6 | 4.1 | 1.7 | 32.9 | 18.6 | 11.0 | 2.9 |
| Performing arts companies ........................................ | 7111 | 94.3 | 14.8 | 4.3 | 8.4 | - | 36.5 | 16.2 | 18.1 | - |
| Racetracks ....................................................... | 711212 | 121.4 | 25.0 | 17.6 | - | - | 42.9 | 21.3 | 14.2 | - |
| Other spectator sports ........................................ | 711219 | 295.6 | - | - | - | - | - | - | - | - |
| Promoters of performing arts, sports, and similar events Agents and managers for artists, athletes, entertainers, | 7113 | 83.2 | 21.2 | 15.5 | - | 3.8 | 21.8 | - | 13.1 | 6.0 |
| and other public figures | 7114 | 14.6 | - | - | - | - | - | - | - | - |
| Museums, historical sites, and similar institutions ............... | 712 | 131.8 | 30.9 | 21.7 | 5.9 | 2.2 | 25.9 | 2.6 | 19.7 | 2.8 |

See footnotes at end of table.

| Industry ${ }^{4}$ | Event or exposure leading to injury or illness ${ }^{6}$ |  |  |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Overexertion and bodily reaction |  |  | Exposure to harmful substance or environment | Transportation incidents |  | Fires and explosions | Violence and other injuries by persons or animals |  |  |  | All other events ${ }^{7}$ |
|  | Total | In lifting | Repetitive motion |  | Total | Roadway incidents |  | Total | Intentional injury by other person | Injury by person--unintentional or intent unknown | Animal and insect related |  |
| Other ambulatory health care services | 147.9 | 58.8 | 1.6 | 6.3 | 20.9 | 17.3 | - | 12.2 | 1.9 | 9.8 | - | 0.7 |
| Ambulance services ............................................... | 228.9 | 93.2 | - | 8.8 | 30.3 | 25.3 | _ | 19.5 | 3.2 | 15.9 | _ | 0.7 |
| All other ambulatory health care services .................. | 33.8 | 10.2 | 3.6 | 2.6 | 7.7 | 6.0 | - | 1.9 | - | - | - | - |
| Hospitals | 74.2 | 19.3 | 3.6 | 5.9 | 1.4 | . 9 | - | 15.4 | 7.2 | 7.3 | 0.8 | . 4 |
| General medical and surgical hospitals ........................ | 75.1 | 19.6 | 3.8 | 6.0 | 1.3 | . 9 | _ | 13.3 | 5.8 | 6.5 | . 9 | . 4 |
| Psychiatric and substance abuse hospitals ................... | 35.4 | 13.4 | - | 5.4 | 2.9 | 2.8 | - | 111.7 | 69.6 | 41.1 | - | - |
| Specialty (except psychiatric and substance abuse) hospitals $\qquad$ | 73.8 | 15.7 | 2.3 | 4.0 | 1.8 | 1.7 | - | 12.3 | 6.2 | 5.2 | - | - |
| Nursing and residential care facilities ............................... | 100.0 | 23.8 | 1.6 | 8.3 | 3.4 | 2.9 | 0.1 | 37.2 | 18.4 | 16.1 | 2.2 | 2.1 |
| Nursing care facilities ................................................ | 118.2 | 26.9 | 1.5 | 8.3 | 1.2 | 1.1 | - | 26.5 | 12.6 | 11.6 | 2.0 | 3.0 |
| Residential mental retardation, mental health and substance abuse facilities | 57.9 | 15.3 | 1.6 | 5.8 | 7.9 | 7.2 | - | 71.9 | 40.7 | 26.3 | 3.4 | 1.2 |
| Community care facilities for the elderly ....................... | 108.5 | 27.8 | 2.0 | 10.1 | 1.6 | 1.0 | - | 22.6 | 10.2 | 10.7 | 1.5 | 1.2 |
| Other residential care facilities | 35.9 | 6.3 | - | 9.7 | 15.8 | 14.8 | - | 83.5 | 31.8 | 47.1 | 2.6 | - |
| Social assistance | 39.3 | 9.2 | 2.8 | 3.6 | 11.1 | 10.0 | - | 14.4 | 6.4 | 6.3 | 1.5 | . 5 |
| Individual and family services | 45.8 | 7.3 | 3.5 | 3.0 | 11.9 | 10.9 | - | 20.3 | 9.6 | 7.8 | 2.4 | . 3 |
| Child and youth services ... | 15.7 | 5.1 | - | - | 10.0 | 9.5 | - | 12.6 | 6.5 | 5.6 | - | - |
| Services for the elderly and persons with disabilities | 62.5 | 8.7 | 3.4 | 2.7 | 9.3 | 7.9 | - | 24.2 | 11.2 | 9.5 | 2.6 | . 3 |
| Other individual and family services | 30.2 | 5.9 | 5.0 | 4.4 | 17.2 | 16.8 | - | 16.8 | 8.2 | 5.8 | 2.8 | - |
| Community food and housing, and emergency and other relief services | 41.9 | 15.8 | 5.9 | 10.0 | 9.6 | 2.5 | - | 7.1 | 6.1 | - | - | 1.8 |
| Community food services ........................................ | 32.2 | - | 17.0 | 17.5 | 22.3 |  | - | 11 | 10 | - | - | - |
| Community housing services ................................... | 33.2 | 15.7 | - | 9.5 | 8.0 | 2.8 | - | 11.5 | 10.2 | - | - | 3.0 |
| Emergency and other relief services ......................... | 77.2 | 24.8 | - | - | 0 | 9 | - | 1 | - | 11. | 1 | - |
| Vocational rehabilitation services ................................. | 52.0 | 23.0 | 1.8 | 4.3 | 30.7 | 29.3 | - | 21.3 | 9.0 | 11.0 | 1.2 | - |
| Child day care services ............................................. | 23.4 | 5.3 | 1.5 | 3.1 | 2.2 | 2.1 | _ | 3.9 | - | 3.2 | - | . 5 |
| Leisure and hospitality ........................................ | 26.7 | 8.4 | 1.9 | 9.3 | 2.3 | 1.4 | . 2 | 3.0 | . 9 | 1.2 | . 9 | 1.2 |
| Arts, entertainment, and recreation .......................... | 41.6 | 9.5 | 2.6 | 4.8 | 4.4 | . 5 | . 3 | 7.6 | . 6 | 2.5 | 4.5 | 1.4 |
| Performing arts, spectator sports, and related industries ..... | 66.5 | 5.0 | 2.7 | 1.7 | 3.6 | - | - | 23.4 | - | 7.5 | 15.4 | 3.0 |
| Performing arts companies ........................................ | 33.4 | 4.4 | - | - | - | - | - | 6.6 | - | 6.1 | - | - |
| Racetracks | 33.4 | 7.9 | - | 6.9 | - | - | - | 207. | - | - | 207 | - |
| Other spectator sports ....................................... | - | - | - | - | - | - | - | 207.9 | - | - | 207.9 | - |
| Promoters of performing arts, sports, and similar events Agents and managers for artists, athletes, entertainers, | 28.2 | 6.2 | - | - | - | - | - | - | - | - | - | - |
| and other public figures | - | - | - | - | - | - | - | - | - | - | - | - |
| Museums, historical sites, and similar institutions ............... | 61.7 | 18.3 | 2.4 | 5.2 | 1.6 | - | - | 5.5 | - | - | 5.2 | - |

See footnotes at end of table.

| Industry ${ }^{4}$ | NAICS code5 | Total cases | Event or exposure leading to injury or illness ${ }^{6}$ |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  | Contact with objects |  |  |  | Falls, slips, trips |  |  |  |
|  |  |  | Total | Struck by object | Struck against object | Caught in or compressed or crushed | Total | Fall to lower level | Fall on same level | Slips or trips without fall |
| Amusement, gambling, and recreation industries | 713 | 117.5 | 31.8 | 18.5 | 8.2 | 3.7 | 38.3 | 7.7 | 23.9 | 5.8 |
| Amusement parks and arcades ................................... | 7131 | 125.5 | 38.7 | 17.2 | 12.9 | 8.0 | 48.8 | 9.3 | 33.2 | 5.7 |
| Amusement and theme parks .................................. | 71311 | 137.1 | 42.4 | 18.7 | 14.2 | 8.9 | 52.8 | 9.9 | 36.3 | 6.0 |
| Gambling industries | 7132 | 115.7 | 23.5 | 15.6 | 5.1 | 2.0 | 30.4 | 1.6 | 24.4 | 3.9 |
| Other amusement and recreation industries | 7139 | 116.6 | 33.6 | 19.9 | 8.4 | 3.5 | 39.2 | 9.6 | 21.8 | 6.6 |
| Golf courses and country clubs | 71391 | 132.0 | 39.4 | 26.0 | 6.7 | 2.8 | 37.9 | 6.7 | 18.6 | 11.1 |
| Skiing facilities | 71392 | 306.0 | 56.8 | 30.7 | 23.8 | - | 173.2 | 30.9 | 126.1 | 9.1 |
| Marinas | 71393 | 126.9 | 33.7 | - | - | - | 72.8 | 46.7 | 25.3 | - |
| Fitness and recreational sports centers ..................... | 71394 | 95.5 | 30.4 | 19.0 | 7.0 | 3.5 | 28.4 | 5.3 | 17.6 | 5.3 |
| Bowling centers ..................................................... | 71395 | 88.6 | 34.5 | 16.7 | - | 9.7 | 38.9 | 10.3 | 26.2 | - |
| All other amusement and recreation industries ........... | 71399 | 99.9 | 20.6 | 4.4 | 13.4 | 2.8 | 31.4 | 13.5 | 14.2 | - |
| Accommodation and food services .......................... | 72 | 99.1 | 30.0 | 20.3 | 6.7 | 2.5 | 29.4 | 2.7 | 21.6 | 4.7 |
| Accommodation | 721 | 149.6 | 32.8 | 20.4 | 9.0 | 3.0 | 47.8 | 7.1 | 34.3 | 5.9 |
| Traveler accommodation | 7211 | 151.7 | 33.4 | 20.8 | 9.2 | 2.9 | 48.8 | 7.2 | 35.2 | 5.8 |
| Hotels (except casino hotels) and motels | 72111 | 160.1 | 35.8 | 22.0 | 9.9 | 3.3 | 52.2 | 7.8 | 37.6 | 6.5 |
| Casino hotels ....................................................... | 72112 | 105.8 | 23.9 | 15.5 | 6.4 | 1.3 | 35.6 | 4.2 | 26.9 | 3.1 |
| Other traveler accommodation | 72119 | 297.3 | - | - | - | - | - | - | - | - |
| Rv (recreational vehicle) parks and recreational camps .. Rv (recreational vehicle) parks and recreational | 7212 | 73.9 | 13.2 | 7.0 | - | 5.9 | 11.9 | - | - | 10.9 |
| camps ................................................................ | 72121 | 73.9 | 13.2 | 7.0 | - | 5.9 | 11.9 | - | - | 10.9 |
| Rv (recreational vehicle) parks and campgrounds ... Recreational and vacation camps (except | 721211 | 81.3 | - | - | - | - | 20.1 | - | - | 19.5 |
| campgrounds) | 721214 | 68.0 | 18.8 | - | - | - | - | - | - | - |
| Rooming and boarding houses .................................. | 7213 | 89.9 | - | - | - | - | - | - | - | - |
| Food services and drinking places | 722 | 87.6 | 29.4 | 20.3 | 6.1 | 2.4 | 25.2 | 1.7 | 18.7 | 4.5 |
| Full-service restaurants | 7221 | 82.3 | 30.0 | 21.9 | 5.4 | 2.4 | 23.8 | 1.4 | 17.8 | 4.2 |
| Limited-service eating places ..................................... | 7222 | 87.0 | 28.0 | 17.9 | 7.3 | 2.2 | 25.5 | 1.3 | 20.4 | 3.8 |
| Limited-service eating places ................................... | 72221 | 87.0 | 28.0 | 17.9 | 7.3 | 2.2 | 25.5 | 1.3 | 20.4 | 3.8 |
| Limited-service restaurants .................................. | 722211 | 84.2 | 27.1 | 18.0 | 7.3 | 1.0 | 24.0 | 1.1 | 18.7 | 4.2 |
| Cafeterias, grill buffets, and buffets ....................... | 722212 | 92.5 | 29.7 | 13.5 | 15.9 | - | 33.3 | - | 31.4 | - |
| Snack and nonalcoholic beverage bars ................. |  | - | 34.1 | 18.1 | 4.9 | 11.1 | 34.7 | 2.9 | 30.2 | - |
| Special food services | 7223 | 154.1 | 37.1 | 25.0 | 5.5 | 5.6 | 45.6 | 8.5 | 22.6 | 12.3 |
| Drinking places (alcoholic beverages) ......................... | 7224 | 53.3 | 24.3 | 20.6 | - | - | 6.3 | - | - | - |
| Other services .......... |  | 93.0 | 25.4 | 14.1 | 6.5 | 3.3 | 24.6 | 4.5 | 14.3 | 4.5 |
| Other services, except public administration ............ | 81 | 93.0 | 25.4 | 14.1 | 6.5 | 3.3 | 24.6 | 4.5 | 14.3 | 4.5 |
| Repair and maintenance ............................................... | 811 | 130.5 | 43.1 | 26.7 | 7.2 | 5.4 | 31.1 | 6.2 | 18.1 | 4.1 |
| Automotive repair and maintenance ............................ | 8111 | 135.4 | 49.2 | 33.3 | 7.2 | 5.3 | 39.9 | 6.8 | 24.0 | 5.3 |

[^28]| Industry ${ }^{4}$ | Event or exposure leading to injury or illness ${ }^{6}$ |  |  |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Overexertion and bodily reaction |  |  | Expo- <br> sure to harmful substance or environment | Transportation incidents |  | Fires and explosions | Violence and other injuries by persons or animals |  |  |  | All other events ${ }^{7}$ |
|  | Total | In lifting | Repetitive motion |  | Total | Roadway incidents |  | Total | Intentional injury by other person | Injury by person--unintentional or intent unknown | Animal and insect related |  |
| Amusement, gambling, and recreation industries | 32.2 | 9.9 | 2.5 | 5.7 | 4.9 | 0.6 | 0.4 | 3.2 | 0.7 | 1.3 | 1.2 | 1.0 |
| Amusement parks and arcades ................................... | 27.1 | 11.2 | 3.4 | 5.8 | - | - | - | 3.0 | - | - | 2.2 | - |
| Amusement and theme parks ................................. | 29.8 | 12.2 | 3.8 | 6.4 | - | - | - | 3.4 | - | - | 2.5 | - |
| Gambling industries .................................................. | 50.9 | 14.8 | 7.1 | 6.2 | 1.1 | - | - | 2.6 | . 9 | 1.4 | - | . 8 |
| Other amusement and recreation industries .................. | 26.1 | 7.7 | . 6 | 5.5 | 7.1 | . 8 | . 5 | 3.5 | . 8 | 1.4 | 1.3 | 1.0 |
| Golf courses and country clubs ................................ | 26.9 | 8.8 | . 8 | 8.2 | 12.9 | . 8 | - | 4.8 | - | 1.3 | 2.9 | - |
| Skiing facilities ...................................................... | 31.6 | - | - | - | - | - | - | 20.9 | - | 18.6 | - | 13.9 |
| Marinas ............................................................... | - | - | - | - | - | - | - | - | - | - | - | - |
| Fitness and recreational sports centers ..................... | 24.3 | 7.2 | - | 6.4 | 3.8 | 1.1 | - | 2.2 | . 9 | - | - | - |
| Bowling centers .................................................... | 12.2 | , | - | - | - | - | - | - | - | - | - | - |
| All other amusement and recreation industries ........... | 39.6 | 13.1 | - | - | 6.7 | - | - | - | - | - | - | - |
| Accommodation and food services .......................... | 24.2 | 8.2 | 1.8 | 10.0 | 1.9 | 1.5 | . 2 | 2.2 | . 9 | 1.0 | . 3 | 1.2 |
| Accommodation | 53.5 | 15.0 | 2.5 | 8.5 | 1.7 | . 6 | . 1 | 2.2 | . 6 | . 8 | . 8 | 2.9 |
| Traveler accommodation ............................................ | 54.3 | 15.2 | 2.6 | 8.3 | 1.7 | . 6 | . 1 | 2.1 | . 6 | . 7 | . 8 | 3.0 |
| Hotels (except casino hotels) and motels .................. | 56.5 | 14.4 | 2.8 | 8.8 | 1.8 | . 6 | - | 1.6 | . 5 | . 4 | . 7 | 3.3 |
| Casino hotels ........................................................ | 33.4 | 12.4 | 1.9 | 5.3 | 1.1 | - | - | 4.6 | 1.4 | 1.9 | 1.3 | 1.8 |
| Other traveler accommodation ................................. | 234.2 | 109.6 | - | - | - | - | - | - | - | - | - | - |
| Rv (recreational vehicle) parks and recreational camps .. Rv (recreational vehicle) parks and recreational | 19.0 | - | - | 19.2 | - | - | - | - | - | - | - | - |
| camps ............................................................... | 19.0 | - | - | 19.2 | - | - | - | - | - | - | - | - |
| Rv (recreational vehicle) parks and campgrounds ... Recreational and vacation camps (except | 37.6 | - | - | - | - | - | - | - | - | - | - | - |
| campgrounds) | - | - | - | 23.3 | - | - | - | - | - | - | - | - |
| Rooming and boarding houses .................................... | 41.5 | - | - | - | - | - | - | - | - | - | - | - |
| Food services and drinking places .................................. | 17.6 | 6.7 | 1.6 | 10.3 | 1.9 | 1.7 | . 2 | 2.2 | 1.0 | 1.0 | . 2 | . 8 |
| Full-service restaurants | 15.0 | 7.1 | . 4 | 9.7 | . 6 | . 6 | - | 2.3 | . 5 | 1.7 | . 1 | . 9 |
| Limited-service eating places .. | 16.1 | 5.2 | 2.4 | 10.9 | 3.5 | 3.2 | . 3 | 2.1 | 1.4 | . 4 | . 4 | . 7 |
| Limited-service eating places | 16.1 | 5.2 | 2.4 | 10.9 | 3.5 | 3.2 | . 3 | 2.1 | 1.4 | . 4 | . 4 | . 7 |
| Limited-service restaurants | 14.8 | 5.7 | . 8 | 11.1 | 3.6 | 3.2 | . 3 | 2.4 | 1.6 | . 4 | . 4 | . 7 |
| Cafeterias, grill buffets, and buffets ....................... | 15.2 | 4.3 | - | 10.7 | - | - | - | - | - | - | - | - |
| Snack and nonalcoholic beverage bars .................. | 25.6 | - | 14.0 | 9.2 | 2.8 | 2.6 | - | - | - | - | - | - |
| Special food services ................................................ | 50.1 | 17.1 | 6.5 | 16.6 | 2.1 | 1.3 | - | . 9 | - | . 5 | - | 1.6 |
| Drinking places (alcoholic beverages) ......................... | 16.5 | - | - | - | - | - | - | 5.0 | - | - | - | - |
| Other services .................................................... | 28.7 | 7.3 | 2.3 | 5.2 | 3.8 | 2.3 | 1.3 | 3.3 | . 3 | . 9 | 2.1 | . 7 |
| Other services, except public administration ............ | 28.7 | 7.3 | 2.3 | 5.2 | 3.8 | 2.3 | 1.3 | 3.3 | . 3 | . 9 | 2.1 | . 7 |
| Repair and maintenance ............................................... | 37.5 | 11.4 | 2.2 | 8.7 | 5.9 | 3.1 | 3.6 | - | - | - | - | - |
| Automotive repair and maintenance ............................ | 30.3 | 10.5 | - | 9.7 | 3.8 | - | 2.1 | - | - | - | - | - |

[^29]TABLE R8. Incidence rates ${ }^{1}$ for nonfatal occupational injuries and illnesses involving days away from work ${ }^{2}$ per 10,000 full-time workers by industry and selected events or exposures leading to injury or illness, private industry, $2012^{3}$ — Continued

| Industry ${ }^{4}$ | NAICS code ${ }^{5}$ | Total cases | Event or exposure leading to injury or illness ${ }^{6}$ |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  | Contact with objects |  |  |  | Falls, slips, trips |  |  |  |
|  |  |  | Total | Struck by object | Struck against object | Caught in or compressed or crushed | Total | Fall to lower level | Fall on same level | Slips or trips without fall |
| Electronic and precision equipment repair and maintenance $\qquad$ | 8112 | 82.8 | - | - | - | - | - | - | - | - |
| Commercial and industrial machinery and equipment (except automotive and electronic) repair and maintenance $\qquad$ |  | - | 35.4 | 17.2 | 4.2 | 8.5 | 17.4 | 6.8 | 7.6 | 2.9 |
| Personal and household goods repair and maintenance | 8114 | 119.6 | 47.5 | - | 23.6 | - | - | - | - | - |
| Personal and laundry services ........................................ | 812 | 78.0 | 17.9 | 8.7 | 5.7 | 3.5 | 19.2 | 2.5 | 9.4 | 6.4 |
| Personal care services ............................................... | 8121 | 31.8 | 7.4 | 6.1 | 1.1 | - | 12.1 | . 9 | 10.0 | 1.2 |
| Death care services .................................................. | 8122 | 152.3 | 24.6 | 17.5 | - | - | 24.8 | - | - | 18.9 |
| Drycleaning and laundry services | 8123 | 103.0 | 25.9 | 12.2 | 6.4 | 7.1 | 15.7 | 4.5 | 5.8 | 4.3 |
| Drycleaning and laundry services (except coin-operated) | 81232 | 29.8 | 13.0 | 3.9 | 6.8 | 2.2 | 4.5 | - | 3.5 | - |
| Linen and uniform supply ...................................... | 81233 | 189.9 | 44.2 | 22.9 | 7.5 | 13.4 | 27.1 | 9.4 | 8.7 | 6.8 |

See footnotes at end of table.

| Industry ${ }^{4}$ | Event or exposure leading to injury or illness ${ }^{6}$ |  |  |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Overexertion and bodily reaction |  |  | Expo- <br> sure to harmful substance or environment | Transportation incidents |  | Fires and explosions | Violence and other injuries by persons or animals |  |  |  | All other events ${ }^{7}$ |
|  | Total | In lifting | Repetitive motion |  | Total | Roadway incidents |  | Total | Intentional injury by other person | Injury by person--unintentional or intent unknown | Animal and insect related |  |
| Electronic and precision equipment repair and maintenance | 69.5 | - | - | - | - | - | - | - | - | - | - | - |
| Commercial and industrial machinery and equipment (except automotive and electronic) repair and maintenance $\qquad$ | 46.1 | 14.6 | 7.1 | 8.9 | 17.5 | 14.4 | - | - | - | - | - | - |
| Personal and household goods repair and maintenance | 49.1 | - | - | - | - | - | - | - | - | - | - | - |
| Personal and laundry services ...................................... | 31.0 | 5.5 | 3.5 | 2.2 | 3.3 | 2.2 | - | 3.5 | 0.7 | - | 2.7 | 0.9 |
| Personal care services .............................................. | 8.7 | - | 4.9 | 1.7 | - | - | - | 1.3 | - | - | - | - |
| Death care services .................................................. | 94.6 | - | - | - | - | - | - | - | - | - | - | - |
| Drycleaning and laundry services ................................ | 52.1 | 13.3 | 4.6 | 4.2 | 3.2 | 2.6 | - | . 9 | - | - | - | 1.0 |
| Drycleaning and laundry services (except coin-operated) | 6.3 | - | 1.9 | 5.7 | - | - | - | - | - | - | - | - |
| Linen and uniform supply ....................................... | 104.7 | 27.7 | 7.5 | 3.8 | 5.9 | 4.8 | - | 2.0 | - | - | - | 2.2 |

See footnotes at end of table.

TABLE R8. Incidence rates ${ }^{1}$ for nonfatal occupational injuries and illnesses involving days away from work ${ }^{2}$ per 10,000 full-time workers by industry and selected events or exposures leading to injury or iliness, private industry, $2012^{3}$ — Continued

| Industry ${ }^{4}$ | NAICS code ${ }^{5}$ | Total cases | Event or exposure leading to injury or illness ${ }^{6}$ |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  | Contact with objects |  |  |  | Falls, slips, trips |  |  |  |
|  |  |  | Total | Struck by object | Struck against object | Caught in or compressed or crushed | Total | Fall to lower level | Fall on same level | Slips or trips without fall |
| Linen supply | 812331 | 198.8 | 51.3 | 27.8 | 7.4 | 16.0 | 27.8 | 11.6 | 7.6 | 5.6 |
| Industrial launderers | 812332 | 178.5 | 35.1 | 16.6 | 7.7 | 10.1 | 26.3 | 6.5 | 10.2 | 8.3 |
| Other personal services | 8129 | 106.8 | 26.7 | 4.6 | 17.5 | 4.3 | 37.6 | 4.5 | 17.7 | 14.8 |
| Photofinishing | 81292 | 63.4 | 19.8 | - | - | 17.9 | 18.8 | - | - | - |
| Parking lots and garages | 81293 | 90.7 | 15.9 | 6.9 | - | 6.7 | 24.6 | 8.8 | 13.1 | 2.8 |
| All other personal services | 81299 | 11.6 | - | - | - | - | - | - | - | - |
| Religious, grantmaking, civic, professional, and similar organizations | 813 | 63.7 | 12.0 | 4.8 | 6.4 | . 6 | 22.5 | 4.5 | 14.8 | 3.1 |

See footnotes at end of table.

| Industry ${ }^{4}$ | Event or exposure leading to injury or illness ${ }^{6}$ |  |  |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Overexertion and bodily reaction |  |  | Expo- <br> sure to harmful substance or environment | Transportation incidents |  | Fires and explosions | Violence and other injuries by persons or animals |  |  |  | All other events ${ }^{7}$ |
|  | Total | In lifting | Repetitive motion |  | Total | Roadway incidents |  | Total | Intentional injury by other person | Injury by person--unintentional or intent unknown | Animal and insect related |  |
| Linen supply | 106.8 | 25.4 | 4.3 | 3.8 | 5.0 | 4.2 | - | - | - | - | - | 3.0 |
| Industrial launderers | 102.0 | 30.7 | 11.6 | 3.7 | 7.0 | 5.5 | - | 3.3 | - | - | - | - |
| Other personal services | 17.0 | 4.5 | - | - | 9.6 | 5.4 | - | 14.3 | 3.7 | - | 10.5 | - |
| Photofinishing .......... | 14.7 | 14.7 | - | - | - | - | - | - | - | - | - | - |
| Parking lots and garages | 19.4 | 6.7 | - | - | 21.7 | 11.9 | - | 8.3 | 8.0 | - | - | - |
| All other personal services ..... | - | - | - | - | - | - | - | - | - | - | - | - |
| Religious, grantmaking, civic, professional, and similar organizations | 15.6 | 4.3 | 1.1 | 4.3 | 1.8 | 1.3 | - | 6.8 | . 2 | 2.8 | 3.9 | . 6 |

1 The incidence rates represent the number of injuries and illnesses per 10,000 full-time workers and were calculated as: (N/EH) $\times 20,000,000$, where $N=$ number of injuries and illnesses
$\mathrm{N}=$ total hours worked by all employees during the calendar year
$20,000,000=$ base for 10,000 equivalent full-time workers
(working 40 hours per week, 50 weeks per year
${ }_{3}$ Days-away-from-work cases include those that resulted in days away from work, some of which also included job transfer or restriction
3 Incorrect national-level estimates of nonfatal occupational injuries and illnesses were published for the Survey of Occupational Injuries and Illnesses (SOII) for reference year 2012. This table includes corrected estimates. For additional information see: https://www.bls.gov/bis/errata/iif_errata_1014.htm

4 Totals include data for industries not shown separately.
5 North American Industry Classification System - United States, 2007
6 Data shown in columns correspond to the following Event codes: Contact with objects, Total = 6; Struck by object = 62; Struck against object = 63; Caught in or compressed or crushed = 64; Falls, slips, trips Total $=4$; Fall to lower level $=43$; Fall on same level $=42$; Slips or trips without fall $=41$; Overexertion and bodily reaction, Total $=7$; In lifting $=711$; Repetitive motion $=72$; Exposure to harmful substance o environment = 5 ; Transportation accidents, Total = 2; Roadway accident $=26$; Fires and explosions $=3$; Violence and other injuries by persons or animals, Total $=1$; Intentional injury by other person $=111$; Injury by person-unintentional or intent unknown = 12; An hal and ohay insect related ness Classification System 2.01 developed by the Bureau of Labor Statistics.

Includes nonclassifiable responses.
11 employees
(hend Mine Safety and Health Administration rules and reporting,列 lata
10 Industry scope changed in 2009.
11 Data for mining operators in this industry are provided to BLS by the Mine Safety and Health Administration, U.S. Department of Labor. Independent mining contractors are excluded. These data do not reflect the changes the Occupational Safety and Health Administration made to its recordkeeping requirements effective January 1, 2002; therefore, estimates for these industries are not comparable to estimates in other industries
(he Federal Railroad Administration, U.S. Department of Transportation.
13 Data too small to be displayed.
Note: Dash indicates data do not meet publication guidelines. Because of rounding and data exclusion of nonclassifiable responses, data may not sum to the totals
Source: Bureau of Labor Statistics, U.S. Department of Labor, Survey of Occupational Injuries and Illnesses in cooperation with participating State agencies.


[^0]:    See footnotes at end of table.

[^1]:    See footnotes at end of table.

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