TABLE B3. Percent distribution of nonfatal occupational injuries and illnesses involving days away from work ${ }^{1}$ by industry and selected sources of injury or iliness ${ }^{2}, 2006$

| Industry ${ }^{3}$ | NAICS code ${ }^{4}$ | Total cases | Percent of industry case total involving - |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  | Chemicals and chemical products | Containers | Furniture and fixtures | Machinery |
| Private industry ${ }^{6}$........................ |  | 1,183,500 | 1.6 | 12.4 | 3.8 | 6.5 |
| Goods producing ${ }^{6}$......................... |  | 380,440 | 1.8 | 8.5 | 2.2 | 10.3 |
| Natural resources and mining ${ }^{6,7} \ldots \ldots . .$. |  | 26,290 | 2.7 | 5.6 | . 9 | 8.6 |
| Agriculture, forestry, fishing and hunting ${ }^{6}$ | 11 | 16,890 | 1.4 | 6.5 | 1.1 | 6.9 |
| Crop production ${ }^{6}$....................................... | 111 | 6,760 | 1.2 | 6.8 | 1.6 | 7.1 |
| Oilseed and grain farming ${ }^{6}$....................... | 1111 | 70 | - | - | - | - |
| Vegetable and melon farming ${ }^{6}$.................. | 1112 | 1,470 | 1.4 | 9.5 | - | 10.9 |
| Fruit and tree nut farming ${ }^{6}$....................... | 1113 | 2,370 | . 8 | 5.9 | - | 4.6 |
| Greenhouse, nursery, and floriculture production ${ }^{6}$ | 1114 | 2,120 | 1.4 | 7.1 | 4.2 | 5.7 |
| Other crop farming 6 ................................ | 1119 | 730 | - | - | - | 12.3 |
| Animal production ${ }^{6}$ | 112 | 3,900 | 1.8 | 7.9 | 1.0 | 5.4 |
| Cattle ranching and farming ${ }^{6}$ | 1121 | 2,380 | 1.7 | 4.6 | - | 5.0 |
| Beef cattle ranching and farming, including feedlots ${ }^{6}$ | 11211 | 740 | - | 2.7 | - | 9.5 |
| Dairy cattle and milk production ${ }^{6}$........... | 11212 | 1,640 | 1.8 | 6.1 | - | 3.0 |
| Hog and pig farming 6 .............................. | 1122 | 560 | 3.6 | 12.5 | - | 5.4 |
| Poultry and egg production ${ }^{6}$..................... | 1123 | 590 | 3.4 | 10.2 | 6.8 | 8.5 |
| Animal aquaculture ${ }^{6}$............................... | 1125 | 120 | - | 33.3 | - | - |
| Other animal production ${ }^{6}$......................... | 1129 | 250 | - | 12.0 | - | - |
| Forestry and logging .................................. | 113 | 1,370 | 1.5 | - | - | 6.6 |
| Timber tract operations ........................... | 1131 | 20 | - | - | - | - |
| Forest nurseries and gathering of forest products $\qquad$ | 1132 | 30 | - | - | - | - |
| Logging ................................................ | 1133 | 1,320 | 1.5 | - | - | 6.1 |
| Fishing, hunting and trapping | 114 | 170 | - | - | - | - |
| Fishing | 1141 | 60 | - | - | - | - |
| Support activities for agriculture and forestry | 115 | 4,680 | 1.5 | 6.4 | . 6 | 8.1 |
| Support activities for crop production ......... | 1151 | 3,770 | 1.6 | 7.4 | . 8 | 10.1 |
| Support activities for crop production ..... | 11511 | 3,770 | 1.6 | 7.4 | . 8 | 10.1 |
| Cotton ginning ............................... | 115111 | 260 | - | 11.5 | - | 23.1 |
| Soil preparation, planting, and cultivating $\qquad$ | 115112 | 320 | - | - | - | - |
| Postharvest crop activities (except cotton ginning) | 115114 | 1,300 | 3.1 | 13.1 | - | 10.8 |
| Farm labor contractors and crew leaders $\qquad$ | 115115 | 1,420 | - | 4.9 | 1.4 | 7.7 |
| Farm management services ............. | 115116 | 330 | - | 3 | - | 18.2 |
| Support activities for animal production ..... | 1152 | 670 | - | 3.0 | - | - |
| Support activities for forestry .................... | 1153 | 240 | - | - | - | - |
| Mining ${ }^{\text { }}$............................................... | 21 | 9,410 | 5.0 | 3.9 | . 6 | 11.5 |

See footnotes at end of table.

TABLE B3. Percent distribution of nonfatal occupational injuries and illnesses involving days away from work ${ }^{1}$ by industry and selected sources of injury or iliness², 2006 - Continued

| Industry ${ }^{3}$ | Percent of industry case total involving - |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Parts and materials | Worker motion or position | Floors, walkways, or ground surfaces | Handtools | Vehicles | Health care patient | All other sources ${ }^{5}$ |
| Private industry ${ }^{6}$........................ | 10.5 | 13.8 | 18.1 | 4.8 | 8.6 | 4.4 | 15.2 |
| Goods producing ${ }^{6}$......................... | 19.5 | 14.7 | 14.9 | 7.0 | 5.6 | - | 15.4 |
| Natural resources and mining ${ }^{6,7}$........ | 10.6 | 9.2 | 19.1 | 5.8 | 9.5 | - | 28.1 |
| Agriculture, forestry, fishing and hunting ${ }^{6}$ | 7.2 | 12.4 | 18.8 | 5.0 | 10.4 | - | 30.4 |
| Crop production ${ }^{6}$ | 7.7 | 15.2 | 21.0 | 5.6 | 10.9 | - | 22.8 |
| Oilseed and grain farming ${ }^{6}$ | 28.6 | - | - | - | - | - | - |
| Vegetable and melon farming ${ }^{6}$................. | 12.2 | 17.0 | 17.7 | 6.8 | 11.6 | - | 12.2 |
| Fruit and tree nut farming ${ }^{6}$....................... | 4.6 | 14.3 | 25.3 | 5.5 | 11.8 | - | 26.6 |
| Greenhouse, nursery, and floriculture production ${ }^{6}$ | 7.1 | 15.1 | 14.2 | 6.1 | 10.4 | - | 28.3 |
| Other crop farming 6 ................................ | 8.2 | 16.4 | 35.6 | - | 8.2 | - | 16.4 |
| Animal production ${ }^{6}$..................................... | 5.9 | 9.0 | 19.5 | 3.6 | 8.2 | - | 37.7 |
| Cattle ranching and farming ${ }^{6}$................... | 6.7 | 8.4 | 23.5 | 3.8 | 7.6 | - | 39.1 |
| Beef cattle ranching and farming, including feedlots ${ }^{6}$ | 4.1 | 13.5 | 27.0 | 5.4 | 8.1 | - | 28.4 |
| Dairy cattle and milk production ${ }^{6}$........... | 7.3 | 6.1 | 22.0 | 3.0 | 7.3 | - | 43.3 |
| Hog and pig farming 6 .............................. | 3.6 | 7.1 | 5.4 | 3.6 | 5.4 | - | 51.8 |
| Poultry and egg production ${ }^{6}$..................... | 8.5 | 13.6 | 25.4 | - | 10.2 | - | 15.3 |
| Animal aquaculture ${ }^{\text {c ............................... }}$ | - | - | - | 16.7 | 33.3 | - | 16.7 |
| Other animal production ${ }^{6}$......................... | - | 8.0 | 8.0 | - | - | - | 60.0 |
| Forestry and logging .................................. | 10.9 | 9.5 | 13.9 | 10.2 | 14.6 | - | 32.1 |
| Timber tract operations ....................... | - | - | - | - | - | - | - |
| Forest nurseries and gathering of forest products $\qquad$ | 11.4 | 98 | 14.4 | 98 | 13.6 | - | 31.8 |
| Logging ............................................... | 11.4 | 9.8 | 14.4 | 9.8 | 13.6 | - | 31.8 |
| Fishing, hunting and trapping ..................... | - | - | 52.9 | - | - | - | - |
| Fishing ............................................... | - | 33.3 | 33.3 | - | - | - | - |
| Support activities for agriculture and forestry | 6.6 | 11.8 | 15.4 | 3.4 | 10.5 | - | 35.5 |
| Support activities for crop production ......... | 7.7 | 12.5 | 15.1 | 3.2 | 9.3 | - | 32.6 |
| Support activities for crop production ..... | 7.7 | 12.5 | 15.1 | 3.2 | 9.3 | - | 32.6 |
| Cotton ginning ............................... | 11.5 | - | 19.2 | - | - | - | 19.2 |
| Soil preparation, planting, and cultivating $\qquad$ | - | 9.4 | 15.6 | - | 9.4 | - | 46.9 |
| Postharvest crop activities (except cotton ginning) | 10.0 | 13.1 | 13.1 | - | 11.5 | - | 24.6 |
| Farm labor contractors and crew leaders $\qquad$ | 5.6 | 13.4 | 14.8 | 3.5 | 8.5 | - | 40.1 |
| Farm management services .............. | - | 15.2 | 12.1 | - | - | - | 27.3 |
| Support activities for animal production ..... | - | 6.0 | 17.9 | 3.0 | 16.4 | - | 52.2 |
| Support activities for forestry .................... | - | 16.7 | 12.5 | 12.5 | 12.5 | - | 37.5 |
| Mining ${ }^{\text {P }}$............................................... | 16.8 | 3.6 | 19.4 | 7.1 | 7.9 | - | 24.0 |

See footnotes at end of table.

|  |
| :---: | ---: | ---: | ---: | ---: | :--- | :--- |

See footnotes at end of table.

| Industry ${ }^{3}$ | Percent of industry case total involving - |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Parts and materials | Worker motion or position | Floors, walkways, or ground surfaces | Handtools | Vehicles | Health care patient | All other sources ${ }^{5}$ |
| Oil and gas extraction | 25.4 | 13.4 | 16.4 | 9.0 | 9.0 | - | 7.5 |
| Oil and gas extraction | 25.4 | 13.4 | 16.4 | 9.0 | 9.0 | - | 7.5 |
| Oil and gas extraction | 25.4 | 13.4 | 16.4 | 9.0 | 9.0 | - | 7.5 |
| Crude petroleum and natural gas extraction | 25.8 | 9.7 | 17.7 | 9.7 | 9.7 | - | 8.1 |
| Mining (except oil and gas) ${ }^{8}$....................... | 10.9 | 1.0 | 18.8 | 6.5 | 8.8 | _ | 27.6 |
| Coal mining ${ }^{8}$......................................... | 14.3 | 1.1 | 18.3 | 5.0 | 10.0 | - | 21.5 |
| Coal mining ${ }^{8}$...................................... | 14.3 | 1.1 | 18.3 | 5.0 | 10.0 | - | 21.5 |
| Bituminous coal and lignite surface mining ${ }^{8}$ | 5.1 | - | 27.1 | 6.8 | 11.9 | - | 22.0 |
| Bituminous coal underground mining ${ }^{8}$ | 16.7 | . 9 | 15.7 | 4.6 | 9.7 | - | 20.8 |
| Anthracite mining ${ }^{8}$........................... | - | - | - | - | - | - | 50.0 |
| Metal ore mining ${ }^{8}$ | 5.9 | - | 20.6 | 5.9 | 14.7 | - | 32.4 |
| Iron ore mining ${ }^{8}$ | - | - | - | - | - | - | 40.0 |
| Gold ore and silver ore mining ${ }^{8}$............. | - | - | 28.6 | - | - | - | 42.9 |
| Gold ore mining ${ }^{8}$ | - | - | - | - | - | _ | 33.3 |
| Silver ore mining 8 ............................ | - | - | - | - | - | - | - |
| Copper, nickel, lead, and zinc mining ${ }^{8}$... | - | - | 26.7 | - | 20.0 | - | 26.7 |
| Lead ore and zinc ore mining ${ }^{8}$........... | - | - | - | - | - | - | - |
| Copper ore and nickel ore mining ${ }^{8} \ldots .$. | - | - | 30.8 | - | 23.1 | - | 23.1 |
| Other metal ore mining ${ }^{8}$ | - | - | - | - | - | - | 28.6 |
| All other metal ore mining ${ }^{8}$............... | - 7 | - | $\overline{-}$ | $\bar{\square}$ | - | - | 28.6 |
| Nonmetallic mineral mining and quarrying ${ }^{8}$ | 6.7 | 1.2 | 19.4 | 9.1 | 6.1 | - | 37.0 |
| Stone mining and quarrying ${ }^{8}$ | 5.6 | - | 18.0 | 9.0 | 5.6 | - | 41.6 |
| Dimension stone mining and quarrying ${ }^{8}$ | - | - | 13.6 | 9.1 | - | - | 54.5 |
| Crushed and broken limestone mining and quarrying ${ }^{8}$ | 4.8 | - | 19.0 | 7.1 | 7.1 | - | 35.7 |
| Crushed and broken granite mining and quarrying8 | - | - | 28.6 | - | - | - | 28.6 |
| Other crushed and broken stone mining and quarrying ${ }^{8}$ | - | - | 16.7 | 11.1 | - | - | 38.9 |
| Sand, gravel, clay, and ceramic and refractory minerals mining and quarrying ${ }^{8}$ | 6.6 | - | 19.7 | 9.8 | 4.9 | - | 34.4 |
| Construction sand and gravel mining ${ }^{8}$ | 5.8 | - | 21.2 | 9.6 | 3.8 | - | 34.6 |
| Kaolin and ball clay mining ${ }^{8}$.............. | - | - | - | - | - | - | - |
| Clay and ceramic and refractory minerals mining ${ }^{8}$ | - | - | - | - | - | - | 40.0 |
| Other nonmetallic mineral mining and quarrying ${ }^{8}$ | 13.3 | - | 26.7 | - | 13.3 | - | 26.7 |
| Potash, soda, and borate mineral mining ${ }^{8}$ | 28.6 | - | 28.6 | - | - | - | - |
| Other chemical and fertilizer mineral mining ${ }^{8}$ | - | - | - | - | - | - | _ |
| All other nonmetallic mineral mining ${ }^{8}$ | - | - | - | - | - | - | - |
| Support activities for mining ....................... | 22.3 | 5.1 | 21.0 | 7.6 | 6.6 | - | 22.5 |

See footnotes at end of table.

| Industry ${ }^{3}$ | NAICS code ${ }^{4}$ | Total cases | Percent of industry case total involving - |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  | Chemicals and chemical products | Containers | Furniture and fixtures | Machinery |
| Support activities for mining ..................... | 2131 | 3,950 | 1.3 | 2.8 | 1.0 | 10.1 |
| Support activities for mining ................. | 21311 | 3,950 | 1.3 | 2.8 | 1.0 | 10.1 |
| Drilling oil and gas wells ................... | 213111 | 1,360 | 1.5 | 5.9 | - | 12.5 |
| Support activities for oil and gas operations | 213112 | 2,590 | 1.2 | 1.5 | 1.5 | 8.9 |
| Construction ..................................... |  | 153,180 | 1.1 | 4.9 | 1.6 | 7.1 |
| Construction ....................................... | 23 | 153,180 | 1.1 | 4.9 | 1.6 | 7.1 |
| Construction of buildings ............................ | 236 | 29,320 | . 5 | 4.8 | 1.7 | 7.0 |
| Residential building construction ............... | 2361 | 16,640 | . 4 | 4.9 | 1.5 | 8.0 |
| Nonresidential building construction .......... | 2362 | 12,680 | . 7 | 4.7 | 1.8 | 5.6 |
| Heavy and civil engineering construction ....... | 237 | 19,400 | . 9 | 2.7 | . 5 | 10.7 |
| Utility system construction | 2371 | 9,010 | . 6 | 3.9 | . 4 | 10.8 |
| Water and sewer line and related structures construction | 23711 | 5,210 | . 8 | 4.2 | - | 12.9 |
| Oil and gas pipeline and related structures construction | 23712 | 920 | - | 3.3 | - | 13.0 |
| Power and communication line and related structures construction | 23713 | 2,880 | - | 3.5 | 1.0 | 5.9 |
| Land subdivision .................................... | 2372 | 450 | 4.4 | 4.4 | 4.4 | - |
| Highway, street, and bridge construction ... Other heavy and civil engineering | 2373 | 7,660 | 1.3 | 1.8 | - | 12.3 |
| construction ........................................ | 2379 | 2,270 | - | . 9 | 1.8 | 7.0 |
| Specialty trade contractors .......................... | 238 | 104,460 | 1.3 | 5.3 | 1.7 | 6.5 |
| Foundation, structure, and building exterior contractors | 2381 | 28,820 | . 5 | 4.3 | . 4 | 5.7 |
| Poured concrete foundation and structure contractors $\qquad$ | 23811 | 5,240 | 1.0 | 5.2 | . 4 | 2.3 |
| Structural steel and precast concrete contractors | 23812 | 2,850 | - | 4.2 | - | 6.3 |
| Framing contractors ........................... | 23813 | 5,410 | - | . 4 | . 4 | 5.4 |
| Masonry contractors ............................ | 23814 | 5,900 | . 7 | 5.9 | - | 7.5 |
| Glass and glazing contractors .............. | 23815 | 1,500 | - | 2.7 | - | 8.0 |
| Roofing contractors | 23816 | 5,620 | . 5 | 6.9 | . 4 | 4.3 |
| Siding contractors ............................... | 23817 | 1,570 | - | 1.9 | - | 7.6 |
| Other foundation, structure, and building exterior contractors $\qquad$ | 23819 | 730 | - | - | - | 17.8 |
| Building equipment contractors | 2382 | 40,930 | 1.1 | 6.7 | 2.8 | 8.2 |
| Electrical contractors | 23821 | 16,130 | 1.0 | 4.5 | 3.0 | 6.6 |
| Plumbing, heating, and air-conditioning contractors | 23822 | 23,010 | 1.1 | 8.6 | 2.7 | 9.5 |
| Other building equipment contractors .... | 23829 | 1,790 | - | 2.8 | 1.7 | 6.1 |
| Building finishing contractors .................... | 2383 | 20,930 | 3.2 | 5.6 | 2.3 | 3.2 |
| Drywall and insulation contractors ......... | 23831 | 8,200 | 1.2 | 4.8 | . 9 | 2.7 |
| Painting and wall covering contractors ... | 23832 | 3,850 | 3.6 | 11.2 | 1.0 | 1.0 |
| Flooring contractors ............................ | 23833 | 1,720 | - | 8.1 | 2.9 | 7.0 |

See footnotes at end of table.

| Industry ${ }^{3}$ | Percent of industry case total involving - |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Parts and materials | Worker motion or position | Floors, walkways, or ground surfaces | Handtools | Vehicles | Health care patient | All other sources ${ }^{5}$ |
| Support activities for mining | 22.3 | 5.1 | 21.0 | 7.6 | 6.6 | - | 22.5 |
| Support activities for mining ................. | 22.3 | 5.1 | 21.0 | 7.6 | 6.6 | - | 22.5 |
| Drilling oil and gas wells ................... | 28.7 | 7.4 | 11.8 | 6.6 | 2.9 | - | 22.8 |
| Support activities for oil and gas operations | 18.9 | 3.9 | 25.9 | 8.1 | 8.5 | - | 22.0 |
| Construction | 22.8 | 12.9 | 18.3 | 9.0 | 5.5 | - | 16.9 |
| Construction | 22.8 | 12.9 | 18.3 | 9.0 | 5.5 | - | 16.9 |
| Construction of buildings ............................ | 23.0 | 13.5 | 18.6 | 9.9 | 2.0 | - | 19.1 |
| Residential building construction ............... | 22.7 | 10.1 | 20.0 | 10.9 | 1.3 | - | 20.3 |
| Nonresidential building construction .......... | 23.5 | 18.1 | 16.8 | 8.5 | 3.0 | - | 17.4 |
| Heavy and civil engineering construction ....... | 21.9 | 11.0 | 16.6 | 9.1 | 9.5 | - | 17.0 |
| Utility system construction ....................... | 24.0 | 11.8 | 15.2 | 11.7 | 5.7 | - | 16.2 |
| Water and sewer line and related structures construction | 24.0 | 10.7 | 14.2 | 12.7 | 3.5 | - | 16.9 |
| Oil and gas pipeline and related structures construction | 22.8 | 10.9 | 17.4 | 12.0 | 6.5 | - | 13.0 |
| Power and communication line and related structures construction $\qquad$ | 24.0 | 13.9 | 16.3 | 9.7 | 9.4 | - | 16.0 |
| Land subdivision .................................... | 17.8 | 6.7 | 26.7 | 4.4 | - | - | 28.9 |
| Highway, street, and bridge construction ... Other heavy and civil engineering | 18.7 | 10.8 | 16.7 | 7.8 | 13.4 | - | 17.0 |
| construction ......................................... | 26.0 | 9.3 | 19.8 | 4.8 | 12.3 | - | 17.6 |
| Specialty trade contractors .......................... | 22.8 | 13.1 | 18.5 | 8.7 | 5.7 | - | 16.3 |
| Foundation, structure, and building exterior contractors | 27.0 | 9.4 | 20.6 | 8.7 | 5.0 | - | 18.5 |
| Poured concrete foundation and structure contractors | 26.5 | 11.3 | 18.9 | 12.0 | 6.3 | - | 16.2 |
| Structural steel and precast concrete contractors | 38.9 | 7.0 | 18.9 | 4.9 | 1.4 | - | 17.5 |
| Framing contractors ........................... | 35.1 | 5.0 | 22.7 | 9.2 | 1.8 | - | 20.0 |
| Masonry contractors | 19.7 | 7.6 | 26.8 | 4.9 | 10.0 | - | 16.8 |
| Glass and glazing contractors ............... | 22.7 | 16.7 | 12.0 | 7.3 | 1.3 | - | 28.0 |
| Roofing contractors ............................. | 21.9 | 10.9 | 19.8 | 11.9 | 3.9 | - | 19.8 |
| Siding contractors ............................... | 34.4 | 19.7 | 10.8 | 5.7 | - | - | 15.9 |
| Other foundation, structure, and building exterior contractors | 16.4 | - | 20.5 | 11.0 | 13.7 | - | 19.2 |
| Building equipment contractors ................. | 21.1 | 15.6 | 16.0 | 8.1 | 6.2 | - | 14.4 |
| Electrical contractors ........................... | 21.1 | 15.3 | 17.0 | 9.2 | 7.3 | - | 15.1 |
| Plumbing, heating, and air-conditioning contractors | 21.1 | 16.0 | 14.9 | 7.2 | 5.3 | - | 13.6 |
| Other building equipment contractors .... | 21.8 | 12.3 | 19.6 | 9.5 | 7.8 | - | 18.4 |
| Building finishing contractors .................... | 20.5 | 12.5 | 22.4 | 8.3 | 3.4 | - | 18.6 |
| Drywall and insulation contractors ......... | 23.5 | 13.2 | 25.4 | 4.6 | 4.1 | - | 19.6 |
| Painting and wall covering contractors ... | 13.5 | 12.5 | 17.7 | 12.5 | 1.3 | - | 25.7 |
| Flooring contractors ............................ | 10.5 | 26.2 | 26.7 | 13.4 | 2.3 | - | 2.9 |

See footnotes at end of table.

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| :---: | ---: | ---: | ---: | ---: | ---: | :--- |

See footnotes at end of table.

| Industry ${ }^{3}$ | Percent of industry case total involving - |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Parts and materials | Worker motion or position | Floors, walkways, or ground surfaces | Handtools | Vehicles | Health care patient | All other sources ${ }^{5}$ |
| Tile and terrazzo contractors | 18.0 | 4.8 | 38.9 | 4.2 | 1.8 | - | 17.4 |
| Finish carpentry contractors | 27.7 | 7.0 | 14.2 | 11.3 | 5.1 | - | 14.9 |
| Other building finishing contractors ........ | 15.7 | 17.2 | 16.4 | 8.2 | 3.7 | - | 25.4 |
| Other specialty trade contractors .............. | 22.8 | 14.1 | 15.9 | 11.5 | 9.2 | - | 13.5 |
| Site preparation contractors ................. | 18.6 | 15.8 | 16.0 | 12.0 | 10.0 | - | 14.2 |
| All other special trade contractors .......... | 28.0 | 11.9 | 15.8 | 10.8 | 8.2 | - | 12.4 |
| Manufacturing .................................. | 18.2 | 16.8 | 11.8 | 5.6 | 5.2 | - | 12.7 |
| Manufacturing ...................................... | 18.2 | 16.8 | 11.8 | 5.6 | 5.2 | - | 12.7 |
| Food manufacturing .................................. | 5.0 | 15.8 | 16.6 | 5.1 | 6.6 | - | 14.1 |
| Animal food manufacturing ....................... | 5.8 | 14.0 | 18.6 | 5.8 | 10.5 | - | 11.6 |
| Animal food manufacturing ................... | 5.8 | 14.0 | 18.6 | 5.8 | 10.5 | - | 11.6 |
| Dog and cat food manufacturing ........ | - | 14.8 | 11.1 | 14.8 | - | - | - |
| Other animal food manufacturing ....... | 6.9 | 15.5 | 24.1 | - | 13.8 | - | 15.5 |
| Grain and oilseed milling ......................... | 5.2 | 15.6 | 19.5 | 2.6 | 6.5 | - | 14.3 |
| Flour milling and malt manufacturing ..... | - | 17.2 | 13.8 | - | 6.9 | - | 13.8 |
| Flour milling .................................... | - | 16.7 | 11.1 | - | - | - | 22.2 |
| Rice milling .................................... | - | - | - | - | - | - | - |
| Malt manufacturing .......................... | - | - | - | - | - | - | - |
| Starch and vegetable fats and oils manufacturing | 7.1 | 10.7 | 25.0 | - | 7.1 | - | 14.3 |
| Wet corn milling .............................. | - | - | - | - | - | - | - |
| Soybean processing ........................ | - | - | 28.6 | - | - | - | - |
| Other oilseed processing .................. | - | - | - | - | - | - | - |
| Fats and oils refining and blending ..... | - | 15.4 | 23.1 | - | - | - | 15.4 |
| Breakfast cereal manufacturing ............. | - | 19.0 | 14.3 | - | - | - | 14.3 |
| Sugar and confectionery product manufacturing $\qquad$ | 5.6 | 12.7 | 14.3 | 3.2 | 4.0 | - | 24.6 |
| Sugar manufacturing .......................... | 13.3 | 13.3 | 13.3 | 10.0 | 6.7 | - | 16.7 |
| Sugarcane mills .............................. | 22.2 | - | 22.2 | - | - | - | - |
| Cane sugar refining ......................... | - | - | - | - | - | - | - |
| Beet sugar manufacturing | 12.5 | 18.8 | - | 12.5 | - | - | 18.8 |
| Chocolate and confectionery manufacturing from cacao beans | - | 15.4 | 15.4 | - | - | - | - |
| Confectionery manufacturing from purchased chocolate | - | 12.0 | 14.0 | - | 4.0 | - | 20.0 |
| Nonchocolate confectionery manufacturing | - | 9.1 | 15.2 | - | - | - | 42.4 |
| Fruit and vegetable preserving and specialty food manufacturing | 5.4 | 15.8 | 20.5 | 2.7 | 5.4 | - | 13.1 |
| Frozen food manufacturing ...................... | 4.5 | 14.4 | 24.3 | 2.7 | 5.4 | - | 9.9 |
| Frozen fruit, juice, and vegetable manufacturing | 7.7 | 15.4 | 21.2 | - | 7.7 | - | 11.5 |
| Frozen specialty food manufacturing Fruit and vegetable canning, pickling, | 3.3 | 13.3 | 25.0 | - | 5.0 | - | 8.3 |
| and drying | 6.1 | 17.0 | 17.7 | 2.7 | 5.4 | - | 15.0 |

See footnotes at end of table.

| Industry ${ }^{3}$ | NAICS code ${ }^{4}$ | Total cases | Percent of industry case total involving - |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  | Chemicals and chemical products | Containers | $\begin{aligned} & \text { Furniture } \\ & \text { and } \\ & \text { fixtures } \end{aligned}$ | Machinery |
| Fruit and vegetable canning | 311421 | 1,080 | 3.7 | 18.5 | - | 11.1 |
| Dried and dehydrated food manufacturing | 311423 | 270 | - | 22.2 | - | 7.4 |
| Dairy product manufacturing .................... | 3115 | 3,190 | 4.7 | 22.3 | 0.9 | 8.8 |
| Dairy product (except frozen) |  |  |  |  |  |  |
| manufacturing .................................. | 31151 | 2,880 | 4.5 | 22.6 | 1.0 | 9.0 |
| Fluid milk manufacturing .................. | 311511 | 1,870 | 2.1 | 25.1 | 1.1 | 7.0 |
| Cheese manufacturing ..................... | 311513 | 750 | 8.0 | 17.3 | - | 13.3 |
| Dry, condensed, and evaporated dairy product manufacturing ............. Ice cream and frozen dessert | 311514 | 230 | 8.7 | 17.4 | - | 13.0 |
| manufacturing | 31152 | 300 | - | 20.0 | - | 6.7 |
| Animal slaughtering and processing ......... | 3116 | 6,950 | 3.2 | 13.4 | 1.9 | 14.4 |
| Animal slaughtering and processing ...... | 31161 | 6,950 | 3.2 | 13.4 | 1.9 | 14.4 |
| Animal (except poultry) slaughtering .. | 311611 | 2,190 | 2.3 | 8.7 | . 9 | 11.9 |
| Meat processed from carcasses ........ | 311612 | 2,470 | 2.4 | 17.0 | 3.6 | 18.6 |
| Rendering and meat byproduct processing $\qquad$ | 311613 | 340 | - | 17.6 | - | 5.9 |
| Poultry processing .......................... | 311615 | 1,950 | 5.1 | 13.3 | 1.5 | 13.8 |
| Seafood product preparation and packaging | 3117 | 1,180 | 2.5 | 20.3 | 1.7 | 11.0 |
| Seafood product preparation and packaging | 31171 | 1,180 | 2.5 | 20.3 | 1.7 | 11.0 |
| Seafood canning ............................ | 311711 | 160 | - | 25.0 | - | - |
| Fresh and frozen seafood processing | 311712 | 1,020 | 2.0 | 20.6 | 2.0 | 10.8 |
| Bakeries and tortilla manufacturing ........... | 3118 | 4,580 | 1.1 | 18.3 | 3.9 | 15.3 |
| Bread and bakery product manufacturing $\qquad$ | 31181 | 3,360 | . 6 | 19.3 | 5.1 | 14.0 |
| Retail bakeries ................................ | 311811 | 360 | - | 22.2 | - | - |
| Commercial bakeries | 311812 | 2,880 | - | 18.8 | 5.6 | 15.3 |
| Cookie, cracker, and pasta manufacturing $\qquad$ | 31182 | 910 | 3.3 | 19.8 | - | 22.0 |
| Cookie and cracker manufacturing ..... | 311821 | 480 | - | 16.7 | - | 18.8 |
| Flour mixes and dough manufacturing from purchased flour $\qquad$ | 311822 | 300 | 10.0 | 26.7 | - | 23.3 |
| Dry pasta manufacturing .................. | 311823 | 130 | - | - | - | 23.1 |
| Tortilla manufacturing .......................... | 31183 | 320 | - | 6.2 | - | 12.5 |
| Other food manufacturing ........................ | 3119 | 2,590 | 3.9 | 22.8 | 4.2 | 15.4 |
| Snack food manufacturing | 31191 | 640 | - | 20.3 | 14.1 | 14.1 |
| Roasted nuts and peanut butter manufacturing | 311911 | 130 | - | 30.8 | - | 30.8 |
| Other snack food manufacturing ....... | 311919 | 520 | - | 17.3 | 17.3 | 11.5 |
| Coffee and tea manufacturing ............... | 31192 | 220 | - | 31.8 | - | 13.6 |
| Flavoring syrup and concentrate manufacturing $\qquad$ | 31193 | 150 | - | 20.0 | - | 26.7 |
| Seasoning and dressing manufacturing | 31194 | 450 | 4.4 | 20.0 | - | 13.3 |
| Mayonnaise, dressing, and other prepared sauce manufacturing | 311941 | 260 | 7.7 | 19.2 | - | 19.2 |

See footnotes at end of table

| Industry ${ }^{3}$ | Percent of industry case total involving - |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Parts and materials | Worker motion or position | Floors, walkways, or ground surfaces | Handtools | Vehicles | Health care patient | All other sources ${ }^{5}$ |
| Fruit and vegetable canning | 6.5 | 17.6 | 17.6 | 2.8 | 5.6 | - | 15.7 |
| Dried and dehydrated food manufacturing $\qquad$ | - | 14.8 | 22.2 | - | - | - | 18.5 |
| Dairy product manufacturing | 4.7 | 16.0 | 20.1 | 2.2 | 7.8 | - | 12.5 |
| Dairy product (except frozen) manufacturing | 4.9 | 15.6 | 20.1 | 2.4 | 8.0 | - | 12.2 |
| Fluid milk manufacturing .................. | 3.7 | 13.4 | 23.5 | 1.6 | 10.7 | - | 11.8 |
| Cheese manufacturing .................... | 9.3 | 18.7 | 13.3 | 4.0 | 2.7 | - | 13.3 |
| Dry, condensed, and evaporated dairy product manufacturing ............. Ice cream and frozen dessert | - | 21.7 | 17.4 | - | - | - | 8.7 |
| manufacturing | - | 20.0 | 16.7 | - | 6.7 | - | 16.7 |
| Animal slaughtering and processing ......... | 5.6 | 16.7 | 14.0 | 9.8 | 5.5 | - | 15.7 |
| Animal slaughtering and processing ...... | 5.6 | 16.7 | 14.0 | 9.8 | 5.5 | - | 15.7 |
| Animal (except poultry) slaughtering .. | 6.4 | 21.0 | 11.4 | 11.9 | 4.1 | - | 21.9 |
| Meat processed from carcasses ....... | 4.5 | 13.4 | 12.1 | 11.7 | 5.3 | - | 11.3 |
| Rendering and meat byproduct processing | 14.7 | 8.8 | 14.7 | - | 11.8 | - | 23.5 |
| Poultry processing .......................... | 5.1 | 16.9 | 18.5 | 6.2 | 6.7 | - | 12.8 |
| Seafood product preparation and packaging | 4.2 | 13.6 | 16.9 | 5.9 | 6.8 | - | 17.8 |
| Seafood product preparation and packaging $\qquad$ | 4.2 | 13.6 | 16.9 | 5.9 | 6.8 | - | 17.8 |
| Seafood canning ............................. | - | - | 18.8 | - | - | - | 18.8 |
| Fresh and frozen seafood processing | 3.9 | 14.7 | 16.7 | 5.9 | 6.9 | - | 17.6 |
| Bakeries and tortilla manufacturing ........... | 4.6 | 18.6 | 15.7 | 3.3 | 8.7 | - | 10.3 |
| Bread and bakery product manufacturing $\qquad$ | 4.5 | 19.6 | 15.2 | 3.6 | 7.7 | - | 10.7 |
| Retail bakeries ................................ | - | 19.4 | 13.9 | 19.4 | - | - | 13.9 |
| Commercial bakeries ....................... | 4.5 | 20.1 | 14.9 | 1.7 | 8.3 | - | 10.4 |
| Cookie, cracker, and pasta manufacturing $\qquad$ | 5.5 | 15.4 | 18.7 | 2.2 | 3.3 | - | 9.9 |
| Cookie and cracker manufacturing ..... | 6.2 | 16.7 | 22.9 | - | - | - | 10.4 |
| Flour mixes and dough manufacturing from purchased flour $\qquad$ | - | 13.3 | 13.3 | - | 6.7 | - | 10.0 |
| Dry pasta manufacturing .................. | - | 15.4 | 15.4 | - | - | - | - |
| Tortilla manufacturing | - | 15.6 | 12.5 | - | 37.5 | - | 9.4 |
| Other food manufacturing ........................ | 3.9 | 12.0 | 16.6 | 2.3 | 5.8 | - | 13.5 |
| Snack food manufacturing ................... | 3.1 | 10.9 | 23.4 | 3.1 | 3.1 | - | 6.2 |
| Roasted nuts and peanut butter manufacturing | - | 15.4 | 15.4 | - | - | - | - |
| Other snack food manufacturing ........ | 3.8 | 9.6 | 25.0 | 3.8 | 3.8 | - | 7.7 |
| Coffee and tea manufacturing .............. | - | 13.6 | 18.2 | - | 13.6 | - | 9.1 |
| Flavoring syrup and concentrate manufacturing | - | 13.3 | - | _ | - | - | 20.0 |
| Seasoning and dressing manufacturing | 6.7 | 11.1 | 13.3 | - | 4.4 | - | 22.2 |
| prepared sauce manufacturing | 7.7 | 11.5 | 7.7 | - | - | - | 23.1 |

See footnotes at end of table.

| Industry ${ }^{3}$ | NAICS code ${ }^{4}$ | Total cases | Percent of industry case total involving - |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  | Chemicals and chemical products | Containers | Furniture and fixtures | Machinery |
| Spice and extract manufacturing ....... | 311942 | 190 | - | 21.1 | - | - |
| All other food manufacturing ................ | 31199 | 1,120 | 5.4 | 24.1 | - | 16.1 |
| Perishable prepared food manufacturing | 311991 | 700 | 4.3 | 24.3 | - | 15.7 |
| All other miscellaneous food manufacturing | 311999 | 430 | 7.0 | 23.3 | - | 16.3 |
| Beverage and tobacco product manufacturing | 312 | 4,350 | 1.4 | 28.0 | 1.8 | 9.9 |
| Beverage manufacturing ......................... | 3121 | 4,070 | 1.5 | 28.5 | 2.0 | 9.3 |
| Soft drink and ice manufacturing ........... | 31211 | 3,240 | . 9 | 32.1 | 1.9 | 8.6 |
| Soft drink manufacturing .................. | 312111 | 2,690 | . 7 | 33.1 | 1.9 | 8.6 |
| Bottled water manufacturing .............. | 312112 | 420 | - | 31.0 | - | 9.5 |
| Ice manufacturing ........................... | 312113 | 130 | - | 15.4 | - | - |
| Breweries ......................................... | 31212 | 270 | - | 18.5 | - | - |
| Wineries | 31213 | 460 | 4.3 | 10.9 | 4.3 | 17.4 |
| Distilleries ......................................... | 31214 | 90 | - | 22.2 | - | - |
| Tobacco manufacturing .......................... | 3122 | 280 | - | 21.4 | - | 17.9 |
| Tobacco product manufacturing ............ | 31222 | 240 | - | 20.8 | - | 16.7 |
| Cigarette manufacturing ................... | 312221 | 170 | - | 23.5 | - | 17.6 |
| Other tobacco product manufacturing | 312229 | 70 | - | - | - | - |
| Textile mills .............................................. | 313 | 1,720 | 1.7 | 19.8 | 1.7 | 19.8 |
| Fiber, yarn, and thread mills ..................... | 3131 | 250 | - | 12.0 | - | 20.0 |
| Fiber, yarn, and thread mills ................. | 31311 | 250 | - | 12.0 | - | 20.0 |
| Yarn spinning mills .......................... | 313111 | 160 | - | 12.5 | - | 18.8 |
| Yarn texturizing, throwing, and twisting mills $\qquad$ | 313112 | 50 | - | - | - | - |
| Thread mills | 313113 | 30 | - | - | - | - |
| Fabric mills ........................................... | 3132 | 780 | - | 17.9 | - | 20.5 |
| Broadwoven fabric mills ...................... | 31321 | 330 | - | 12.1 | - | 18.2 |
| Narrow fabric mills and schiffli machine embroidery $\qquad$ | 31322 | 170 | - | - | - | 29.4 |
| Narrow fabric mills ........................... | 313221 | 160 | - | - | - | 31.2 |
| Nonwoven fabric mills ......................... | 31323 | 160 | - | 25.0 | - | 18.8 |
| Knit fabric mills .................................. | 31324 | 130 | - | 23.1 | - | 15.4 |
| Weft knit fabric mills | 313241 | 60 | - | 50.0 | - | - |
| Other knit fabric and lace mills .......... | 313249 | 70 | - | - | - | 28.6 |
| Textile and fabric finishing and fabric coating mills | 3133 | 690 | 2.9 | 26.1 | 2.9 | 18.8 |
| Textile and fabric finishing mills ........................................... | 31331 | 490 | 2.9 | 24.5 | 2.9 | 18.4 |
| Broadwoven fabric finishing mills ....... | 313311 | 210 | - | 33.3 | - | 14.3 |
| Textile and fabric finishing (except broadwoven fabric) mills | 313312 | 280 | - | 17.9 | - | 21.4 |
| Fabric coating mills ............................. | 31332 | 200 | - | 30.0 | - | 25.0 |
| Textile product mills ................................... | 314 | 1,400 | - | 15.7 | 2.9 | 17.9 |
| Textile furnishings mills ........................... | 3141 | 680 | - | 14.7 | 5.9 | 13.2 |
| Carpet and rug mills ........................... | 31411 | 350 | - | 14.3 | 5.7 | 14.3 |
| Curtain and linen mills ........................ | 31412 | 330 | - | 15.2 | 6.1 | 12.1 |
| Curtain and drapery mills ................. | 314121 | 130 | - | - | - | - |
| Other household textile product mills | 314129 | 210 | - | 14.3 | - | 14.3 |

See footnotes at end of table

| Industry ${ }^{3}$ | Percent of industry case total involving - |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Parts and materials | Worker motion or position | Floors, walkways, or ground surfaces | Handtools | Vehicles | Health care patient | All other sources ${ }^{5}$ |
| Spice and extract manufacturing ....... | 10.5 | 10.5 | 26.3 | - | - | - | 15.8 |
| All other food manufacturing ................ | 2.7 | 12.5 | 16.1 | 2.7 | 5.4 | - | 14.3 |
| Perishable prepared food manufacturing | 4.3 | 12.9 | 12.9 | 2.9 | 7.1 | - | 14.3 |
| All other miscellaneous food manufacturing | - | 11.6 | 18.6 | - | 4.7 | - | 14.0 |
| Beverage and tobacco product manufacturing | 3.7 | 12.9 | 15.9 | . 9 | 15.4 | - | 9.9 |
| Beverage manufacturing ......................... | 3.2 | 12.8 | 15.7 | . 7 | 16.0 | - | 10.1 |
| Soft drink and ice manufacturing ........... | 2.8 | 12.0 | 13.9 | . 6 | 18.5 | - | 8.6 |
| Soft drink manufacturing .................. | 2.2 | 12.3 | 13.8 | . 7 | 18.6 | - | 8.2 |
| Bottled water manufacturing .............. | - | 14.3 | 14.3 | - | 14.3 | - | 11.9 |
| Ice manufacturing ............................ | - | - | 15.4 | - | 30.8 | - | 15.4 |
| Breweries ......................................... | 11.1 | 11.1 | 33.3 | - | - | - | 14.8 |
| Wineries | - | 17.4 | 17.4 | - | 8.7 | - | 15.2 |
| Distilleries | - | 22.2 | 22.2 | - | - | - | - |
| Tobacco manufacturing | 10.7 | 14.3 | 17.9 | - | 7.1 | _ | 7.1 |
| Tobacco product manufacturing ............ | 12.5 | 12.5 | 16.7 | - | 8.3 | - | 8.3 |
| Cigarette manufacturing ................... | 11.8 | 11.8 | 17.6 | - | 11.8 | - | - |
| Other tobacco product manufacturing | - | - | - | - | - | - | - |
| Textile mills ............................................... | 8.7 | 17.4 | 11.0 | 2.9 | 7.0 | - | 8.7 |
| Fiber, yarn, and thread mills .................... | 8.0 | 24.0 | 16.0 | - | 8.0 | - | 8.0 |
| Fiber, yarn, and thread mills ................. | 8.0 | 24.0 | 16.0 | - | 8.0 | - | 8.0 |
| Yarn spinning mills ......................... | - | 25.0 | 18.8 | - | - | - | - |
| Yarn texturizing, throwing, and twisting mills $\qquad$ | - | 40.0 | - | - | - | - | - |
| Thread mills ................................... | - | - | - | - | - | - | - |
| Fabric mills | 11.5 | 16.7 | 10.3 | 3.8 | 7.7 | - | 7.7 |
| Broadwoven fabric mills | 15.2 | 21.2 | 9.1 | 6.1 | 9.1 | - | 6.1 |
| Narrow fabric mills and schiffli machine embroidery $\qquad$ | 11.8 | 17.6 | 17.6 | - | - | - | - |
| Narrow fabric mills | 12.5 | 18.8 | 12.5 | - | - | - | - |
| Nonwoven fabric mills | 12.5 | - | - | - | - | - | 12.5 |
| Knit fabric mills | - | 15.4 | 15.4 | - | - | - | - |
| Weft knit fabric mills ..... | - | - | - | - | - | - | - |
| Other knit fabric and lace mills .. | - | - | - | - | - | - | - |
| Textile and fabric finishing and fabric |  |  |  |  |  |  |  |
| coating mills ........................................ | 5.8 | 15.9 | 10.1 | - | 5.8 | - | 10.1 |
| Textile and fabric finishing mills ............. | 8.2 | 14.3 | 10.2 | - | 8.2 | - | 12.2 |
| Broadwoven fabric finishing mills ....... | 9.5 | 9.5 | 9.5 | - | - | - | 14.3 |
| Textile and fabric finishing (except broadwoven fabric) mills | - | 17.9 | 10.7 | - | 10.7 | - | 10.7 |
| Fabric coating mills ............................. | - | 20.0 | 10.0 | - | - | - | - |
| Textile product mills ................................... | 9.3 | 18.6 | 14.3 | 5.0 | 5.0 | - | 10.7 |
| Textile furnishings mills .......................... | 7.4 | 16.2 | 22.1 | 4.4 | 5.9 | - | 8.8 |
| Carpet and rug mills ........................... | 8.6 | 17.1 | 17.1 | 5.7 | 8.6 | - | 5.7 |
| Curtain and linen mills ......................... | 6.1 | 15.2 | 27.3 | - | 6.1 | - | 12.1 |
| Curtain and drapery mills ................ | - | - | 46.2 | - | - | - | - |
| Other household textile product mills | 9.5 | 14.3 | 14.3 | - | - | - | 14.3 |

See footnotes at end of table.

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| :---: | ---: | ---: | :--- | :--- | :--- | :--- |
| Industry ${ }^{2}$ |  |  |  |  |

See footnotes at end of table.

| Industry ${ }^{3}$ | Percent of industry case total involving - |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Parts and materials | Worker motion or position | Floors, walkways, or ground surfaces | Handtools | Vehicles | Health care patient | All other sources ${ }^{5}$ |
| Other textile product mills | 11.1 | 20.8 | 6.9 | 5.6 | 4.2 | - | 11.1 |
| Textile bag and canvas mills ................ | 7.5 | 27.5 | 5.0 | 7.5 | 5.0 | - | 12.5 |
| Textile bag mills ............................. | - | 18.2 | - | - | - | - | - |
| Canvas and related product mills ....... | 6.9 | 31.0 | - | 10.3 | - | - | 13.8 |
| All other textile product mills ................. | 15.6 | 12.5 | 9.4 | 6.2 | - | - | 9.4 |
| Rope, cordage, and twine mills ......... | - | - | - | - | - | - | - |
| Tire cord and tire fabric mills ............. | - | - | - | - | - | - | - |
| All other miscellaneous textile product mills $\qquad$ | 12.5 | 16.7 | - | - | - | - | 12.5 |
| Apparel manufacturing ............................... | 4.0 | 26.0 | 14.0 | 3.3 | 5.3 | - | 11.3 |
| Apparel knitting mills .............................. | - | 35.3 | 17.6 | - | - | - | - |
| Hosiery and sock mills ......................... | - | 41.7 | 16.7 | - | - | - | - |
| Sheer hosiery mills .......................... | - | - | - | - | - | - | - |
| Other hosiery and sock mills ............. | - | 45.5 | 18.2 | - | - | - | - |
| Outerwear knitting mills .................... | - | - | - | - | - | - | - |
| Cut and sew apparel manufacturing .......... | 4.6 | 25.9 | 15.7 | 3.7 | 6.5 | - | 10.2 |
| Men's and boys' cut and sew apparel contractors $\qquad$ | - | 30.8 | 23.1 | - | - | - | - |
| Men's and boys' cut and sew apparel manufacturing $\qquad$ | - | 23.8 | 19.0 | 4.8 | 7.1 | - | 14.3 |
| Men's and boys' cut and sew suit, coat, and overcoat manufacturing .... | - | 27.3 | 36.4 | - | - | - | - |
| Men's and boys cut and sew shirt (except work shirt) manufacturing .... | - | 20.0 | - | - | - | - | 30.0 |
| Men's and boys' cut and sew trouser, slack, and jean manufacturing | - | - | - | - | - | - | - |
| Men's and boys' cut and sew work clothing manufacturing $\qquad$ | - | 33.3 | - | - | - | - | - |
| Men's and boys' cut and sew other outerwear manufacturing $\qquad$ | - | - | - | - | - | - | - |
| Women's and girls' cut and sew apparel manufacturing $\qquad$ | - | 30.8 | 23.1 | - | - | - | 15.4 |
| Women's and girls' cut and sew dress manufacturing $\qquad$ | - | - | - | - | - | - | - |
| Women's and girls' cut and sew suit, coat, tailored jacket, and skirt manufacturing $\qquad$ | - | - | - | - | - | - | - |
| Women's and girls' cut and sew other outerwear manufacturing | - | 28.6 | 28.6 | - | - | - | - |
| Other cut and sew apparel manufacturing | - | 20.0 | - | - | - | - | 20.0 |
| All other cut and sew apparel manufacturing | - | 22.2 | - | - | - | - | 22.2 |
| Apparel accessories and other apparel manufacturing | - | 20.0 | - | - | - | - | 20.0 |
| Apparel accessories and other apparel manufacturing | - | 20.0 | - | - | _ | - | 20.0 |
| Hat, cap, and millinery manufacturing | - | - | - | - | - | - | - |

See footnotes at end of table.

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See footnotes at end of table

| Industry ${ }^{3}$ | Percent of industry case total involving - |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Parts and materials | Worker motion or position | Floors, walkways, or ground surfaces | Handtools | Vehicles | Health care patient | All other sources ${ }^{5}$ |
| Glove and mitten manufacturing | - | - | - | - | - | - | 33.3 |
| Other apparel accessories and other apparel manufacturing | - | - | - | - | - | - | - |
| Leather and allied product manufacturing ...... | 7.3 | 22.0 | 7.3 | 17.1 | - | - | 12.2 |
| Leather and hide tanning and finishing ...... | - | - | - | 30.0 | - | - | 30.0 |
| Footwear manufacturing .......................... | - | 29.4 | - | - | - | - | - |
| Footwear manufacturing | - | 29.4 | - | - | - | - | - |
| Men's footwear (except athletic) manufacturing | - | 33.3 | - | - | - | - | - |
| Women's footwear (except athletic) manufacturing $\qquad$ | - | - | - | - | - | - | - |
| Other footwear manufacturing ........... | - | - | - | - | - | - | - |
| Other leather and allied product manufacturing | - | 21.4 | 14.3 | 21.4 | - | - | - |
| Other leather and allied product manufacturing $\qquad$ | _ | 21.4 | 14.3 | 21.4 | _ | _ | _ |
| Luggage manufacturing ...................... | - | , | - | - | - | - | - |
| All other leather good manufacturing | - 7 | 22.2 | - | 22.2 | - | - | - |
| Wood product manufacturing ...................... | 29.7 | 10.5 | 10.2 | 6.1 | 5.5 | - | 17.1 |
| Sawmills and wood preservation ............... | 36.1 | 10.7 | 10.4 | 4.3 | 4.3 | - | 15.7 |
| Sawmills and wood preservation ........... | 36.1 | 10.7 | 10.4 | 4.3 | 4.3 | - | 15.7 |
| Sawmills | 36.8 | 11.2 | 10.1 | 4.0 | 4.3 | - | 15.5 |
| Wood preservation .......................... | 27.3 | - | 9.1 | - | - | - | 13.6 |
| Veneer, plywood, and engineered wood product manufacturing | 28.4 | 9.6 | 12.7 | 6.1 | 4.4 | - | 20.5 |
| Veneer, plywood, and engineered wood product manufacturing $\qquad$ | 28.4 | 9.6 | 12.7 | 6.1 | 4.4 | - | 20.5 |
| Hardwood veneer and plywood manufacturing | 29.0 | 19.4 | 12.9 | - | - | - | 9.7 |
| Softwood veneer and plywood manufacturing $\qquad$ | 38.1 | 9.5 | - | - | - | - | 19.0 |
| Engineered wood member (except truss) manufacturing $\qquad$ | 50.0 | - | - | - | - | - | - |
| Truss manufacturing ........................ | 30.4 | 7.4 | 13.3 | 8.1 | 5.2 | - | 23.0 |
| Reconstituted wood product manufacturing | 11.8 | 8.8 | 14.7 | - | 5.9 | - | 23.5 |
| Other wood product manufacturing ........... | 27.6 | 10.6 | 9.4 | 7.0 | 6.2 | - | 16.8 |
| Millwork ............................................ | 27.1 | 13.2 | 7.3 | 6.0 | 5.7 | - | 17.4 |
| Wood window and door manufacturing $\qquad$ | 26.5 | 14.2 | 6.5 | 7.1 | 3.9 | - | 23.9 |
| Cut stock, resawing lumber, and planing | 25.6 | 15.4 | 10.3 | - | 5.1 | - | 7.7 |
| Other millwork (including flooring) ...... | 28.5 | 11.4 | 7.3 | 5.7 | 8.1 | - | 12.2 |
| Wood container and pallet manufacturing $\qquad$ | 27.4 | 9.1 | 7.3 | 4.9 | 6.7 | - | 8.5 |
| All other wood product manufacturing .... Manufactured home (mobile home) | 28.1 | 8.6 | 13.0 | 9.2 | 6.5 | - | 20.9 |
| manufacturing | 26.9 | 10.6 | 17.3 | 9.6 | 3.8 | - | 21.2 |

See footnotes at end of table.

| Industry ${ }^{3}$ | NAICS code ${ }^{4}$ | Total cases | Percent of industry case total involving - |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  | Chemicals and chemical products | Containers | Furniture and fixtures | Machinery |
| Prefabricated wood building manufacturing | 321992 | 1,240 | - | 3.2 | - | 5.6 |
| All other miscellaneous wood product manufacturing $\qquad$ | 321999 | 650 | - | 7.7 | - | 18.5 |
| Paper manufacturing ................................. | 322 | 6,100 | 1.8 | 17.7 | 1.3 | 20.7 |
| Pulp, paper, and paperboard mills ............ | 3221 | 1,780 | 2.2 | 12.9 | 1.1 | 15.7 |
| Pulp mills ........................................... | 32211 | 60 | - | 33.3 | - | - |
| Paper mills ........................................ | 32212 | 1,260 | 2.4 | 14.3 | - | 15.9 |
| Paper (except newsprint) mills .......... | 322121 | 1,140 | 1.8 | 14.9 | - | 15.8 |
| Newsprint mills | 322122 | 120 | - | - | - | - |
| Paperboard mills ................................ | 32213 | 460 | - | 8.7 | - | 15.2 |
| Converted paper product manufacturing .... | 3222 | 4,320 | 1.6 | 19.4 | 1.4 | 22.7 |
| Paperboard container manufacturing ..... | 32221 | 2,010 | - | 18.9 | 2.0 | 23.9 |
| Corrugated and solid fiber box manufacturing $\qquad$ | 322211 | 1,190 | - | 13.4 | - | 29.4 |
| Folding paperboard box manufacturing | 322212 | 490 | - | 28.6 | 6.1 | 12.2 |
| Setup paperboard box manufacturing Fiber can, tube, drum, and similar | 322213 | 80 | - | 37.5 | - | - |
| products manufacturing | 322214 | 140 | - | 21.4 | - | - |
| Nonfolding sanitary food container manufacturing | 322215 | 110 | - | 18.2 | - | 27.3 |
| Paper bag and coated and treated paper manufacturing | 32222 | 1,210 | 4.1 | 22.3 | 1.7 | 20.7 |
| Coated and laminated packaging paper and plastics film manufacturing $\qquad$ | 322221 | 220 | - | 27.3 | - | 13.6 |
| Coated and laminated paper manufacturing | 322222 | 550 | 5.5 | 23.6 | - | 18.2 |
| Uncoated paper and multiwall bag manufacturing $\qquad$ | 322224 | 260 | - | 15.4 | - | 26.9 |
| Laminated aluminum foil manufacturing for flexible packaging uses $\qquad$ | 322225 | 20 | - | - | - | - |
| Surface-coated paperboard manufacturing $\qquad$ | 322226 | 40 | - | - | - | - |
| Stationery product manufacturing ......... | 32223 | 440 | - | 18.2 | - | 20.5 |
| Die-cut paper and paperboard office supplies manufacturing | 322231 | 160 | - | 25.0 | - | 25.0 |
| Envelope manufacturing ................... | 322232 | 230 | - | 17.4 | - | 21.7 |
| Stationery, tablet, and related product manufacturing $\qquad$ | 322233 | 50 | - | - | - | - |
| Other converted paper product manufacturing $\qquad$ | 32229 | 660 | - | 16.7 | - | 25.8 |
| Sanitary paper product manufacturing | 322291 | 350 | - | 17.1 | - | 22.9 |
| All other converted paper product manufacturing $\qquad$ | 322299 | 300 | - | 16.7 | - | 30.0 |
| Printing and related support activities ........... | 323 | 7,400 | 1.9 | 19.7 | . 8 | 26.2 |

See footnotes at end of table.

| Industry ${ }^{3}$ | Percent of industry case total involving - |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Parts and materials | Worker motion or position | Floors, walkways, or ground surfaces | Handtools | Vehicles | Health care patient | All other sources ${ }^{5}$ |
| Prefabricated wood building manufacturing | 27.4 | 8.1 | 10.5 | 11.3 | 7.3 | - | 25.8 |
| All other miscellaneous wood product manufacturing $\qquad$ | 32.3 | 7.7 | 10.8 | 4.6 | 9.2 | - | 10.8 |
| Paper manufacturing ................................. | 10.2 | 18.4 | 11.5 | 4.3 | 4.8 | - | 9.7 |
| Pulp, paper, and paperboard mills ............ | 11.2 | 17.4 | 16.3 | 4.5 | 6.2 | - | 11.8 |
| Pulp mills ........................................... | - | - | - | - | - | - | - |
|  | 11.1 | 17.5 | 15.9 | 4.8 | 5.6 | - | 11.9 |
| Paper (except newsprint) mills .......... | 11.4 | 16.7 | 15.8 | 4.4 | 6.1 | - | 12.3 |
| Newsprint mills | 16.7 | 25.0 | 16.7 | - | - | - | - |
| Paperboard mills ................................ | 8.7 | 19.6 | 19.6 | 6.5 | 6.5 | - | 10.9 |
| Converted paper product manufacturing .... | 9.7 | 18.8 | 9.5 | 4.2 | 4.2 | - | 8.6 |
| Paperboard container manufacturing ..... | 8.5 | 19.9 | 10.0 | 4.5 | 4.0 | - | 8.5 |
| Corrugated and solid fiber box manufacturing $\qquad$ | 8.4 | 22.7 | 9.2 | 2.5 | 5.9 | - | 8.4 |
| Folding paperboard box manufacturing | 10.2 | 18.4 | 8.2 | 6.1 | - | - | 8.2 |
| Setup paperboard box manufacturing Fiber can tube drum and similar | - | - | 25.0 | - | - | - | 25.0 |
| products manufacturing | - | - | - | 21.4 | - | - | - |
| Nonfolding sanitary food container manufacturing | - | 18.2 | - | - | - | - | - |
| Paper bag and coated and treated paper manufacturing | 11.6 | 17.4 | 7.4 | 5.0 | 3.3 | - | 8.3 |
| Coated and laminated packaging paper and plastics film manufacturing $\qquad$ | 13.6 | 18.2 | - | - | - | - | - |
| Coated and laminated paper manufacturing | 9.1 | 18.2 | 7.3 | 5.5 | - | - | 9.1 |
| Uncoated paper and multiwall bag manufacturing $\qquad$ | - | 23.1 | 11.5 | - | - | - | - |
| Laminated aluminum foil manufacturing for flexible packaging uses $\qquad$ | - | - | - | - | - | - | - |
| Surface-coated paperboard manufacturing $\qquad$ | - | - | - | - | - | - | - |
| Stationery product manufacturing ......... | 11.4 | 27.3 | 9.1 | - | - | - | 9.1 |
| Die-cut paper and paperboard office supplies manufacturing | 18.8 | 12.5 | - | - | - | - | - |
| Envelope manufacturing ................... | - | 34.8 | 8.7 | - | - | - | 8.7 |
| Stationery, tablet, and related product manufacturing | - | - | - | - | - | - | - |
| Other converted paper product manufacturing $\qquad$ | 9.1 | 13.6 | 12.1 | - | 7.6 | - | 10.6 |
| Sanitary paper product manufacturing All other converted paper product | 8.6 | 17.1 | 14.3 | - | 5.7 | - | 8.6 |
| manufacturing | 10.0 | 10.0 | 10.0 | - | 10.0 | - | 13.3 |
| Printing and related support activities ........... | 6.9 | 17.2 | 9.9 | 3.4 | 4.6 | - | 9.5 |

See footnotes at end of table.

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See footnotes at end of table

| Industry ${ }^{3}$ | Percent of industry case total involving - |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Parts and materials | Worker motion or position | Floors, walkways, or ground surfaces | Handtools | Vehicles | Health care patient | All other sources ${ }^{5}$ |
| Printing and related support activities ....... | 6.9 | 17.2 | 9.9 | 3.4 | 4.6 | - | 9.5 |
| Printing ............................................. | 6.9 | 17.2 | 9.6 | 3.1 | 4.7 | - | 9.2 |
| Commercial lithographic printing | 6.1 | 22.0 | 11.9 | 3.4 | 5.5 | - | 10.4 |
| Commercial gravure printing ............. | - | - | 11.1 | - | - | - | 22.2 |
| Commercial flexographic printing ....... | 7.4 | 11.1 | 3.7 | - | - | - | 5.6 |
| Commercial screen printing ............... | 6.8 | 8.1 | 6.8 | 4.1 | - | - | 8.1 |
| Quick printing ................................. | 11.5 | 9.6 | - | - | 11.5 | - | 5.8 |
| Digital printing ................................. | - | 18.2 | 27.3 | - | - | - | - |
| Manifold business forms printing ........ | 3.8 | 21.2 | 5.8 | - | 5.8 | - | 7.7 |
| Books printing ................................. | 5.0 | 12.5 | 12.5 | - | - | - | 5.0 |
| Blankbook, looseleaf binders, and devices manufacturing $\qquad$ | 66.7 | - | - | - | - | - | - |
| Other commercial printing ................ | 4.8 | 19.0 | 11.1 | 4.8 | 4.8 | - | 9.5 |
| Support activities for printing ................ | 7.3 | 14.6 | 14.6 | 7.3 | - | - | 17.1 |
| Tradebinding and related work .......... | - | 16.0 | 12.0 | 8.0 | - | - | 16.0 |
| Prepress services ........................... | 12.5 | 12.5 | 12.5 | - | - | - | 18.8 |
| Petroleum and coal products manufacturing .. Petroleum and coal products | 16.8 | 8.4 | 16.8 | 4.7 | 6.5 | - | 12.1 |
| Petroleum and coal products manufacturing $\qquad$ | 16.8 | 8.4 | 16.8 | 4.7 | 6.5 | - | 12.1 |
| Petroleum refineries ........................... | 10.8 | 5.4 | 24.3 | - | 5.4 | - | 13.5 |
| Asphalt paving, roofing, and saturated materials manufacturing | 25.0 | 12.5 | 14.6 | 4.2 | 6.2 | - | 14.6 |
| Asphalt paving mixture and block manufacturing $\qquad$ | 25.8 | 12.9 | 16.1 | 6.5 | 6.5 | - | 16.1 |
| Asphalt shingle and coating materials manufacturing | 17.6 | 11.8 | 11.8 | - | - | - | 11.8 |
| Other petroleum and coal products manufacturing $\qquad$ | 9.1 | - | 9.1 | - | - | - | 9.1 |
| Petroleum lubricating oil and grease manufacturing $\qquad$ | - | - | - | - | - | - | - |
| All other petroleum and coal products manufacturing | 25.0 | - | - | - | - | - | - |
| Chemical manufacturing ............................. | 7.3 | 17.9 | 14.3 | 4.4 | 6.2 | - | 11.2 |
| Basic chemical manufacturing .................. | 11.7 | 16.0 | 16.0 | 6.4 | 4.3 | - | 12.8 |
| Petrochemical manufacturing ............... | - | 22.2 | - | - | - | - | - |
| Synthetic dye and pigment manufacturing | - | 33.3 | 13.3 | - | - | - | - |
| Inorganic dye and pigment manufacturing $\qquad$ | - | 36.4 | - | - | - | - | - |
| Synthetic organic dye and pigment manufacturing $\qquad$ | - | - | - | - | - | - | - |
| Other basic inorganic chemical manufacturing | 12.5 | 9.4 | 12.5 | 9.4 | 6.2 | - | 15.6 |
| All other basic inorganic chemical manufacturing | 11.5 | 7.7 | 11.5 | 11.5 | - | - | 15.4 |
| Other basic organic chemical manufacturing $\qquad$ | 15.2 | 15.2 | 24.2 | - | - | - | 6.1 |

See footnotes at end of table.

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See footnotes at end of table.

| Industry ${ }^{3}$ | Percent of industry case total involving - |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Parts and materials | Worker motion or position | Floors, walkways, or ground surfaces | Handtools | Vehicles | Health care patient | All other sources ${ }^{5}$ |
| Gum and wood chemical manufacturing $\qquad$ | 40.0 | - | - | - | - | - | - |
| Cyclic crude and intermediate manufacturing $\qquad$ | - | - | - | - | - | - | - |
| Ethyl alcohol manufacturing .............. | - | - | - | - | - | - | - |
| All other basic organic chemical manufacturing | - | 18.2 | 27.3 | - | - | - | 9.1 |
| Resin, synthetic rubber, and artificial and synthetic fibers and filaments manufacturing $\qquad$ | 7.6 | 21.5 | 11.4 | 6.3 | 7.6 | - | 10.1 |
| Resin and synthetic rubber manufacturing | 7.6 7.9 | 19.0 | 11.1 | 6.3 7.9 | 7.6 7.9 | _ | 12.7 |
| Plastics material and resin manufacturing | 6.8 | 15.9 | 11.4 | 6.8 | 9.1 | - | 15.9 |
| Synthetic rubber manufacturing ........ | 10.5 | 31.6 | - | 10.5 | - | - | - |
| Artificial and synthetic fibers and filaments manufacturing | 12.5 | 25.0 | 12.5 | - | - | - | - |
| Cellulosic organic fiber manufacturing <br> Noncellulosic organic fiber | - | - | - | - | - | - | - |
| Noncellulosic organic fiber manufacturing $\qquad$ | - | 33.3 | 16.7 | - | - | - | - |
| Pesticide, fertilizer, and other agricultural chemical manufacturing | 13.8 | 13.8 | 13.8 | - | 10.3 | - | 24.1 |
| Fertilizer manufacturing ....................... | 19.0 | 14.3 | 14.3 | - | 14.3 | - | 14.3 |
| Nitrogenous fertilizer manufacturing ... | - | - | - | - | - | - | - |
| Phosphatic fertilizer manufacturing .... | - | 40.0 | - | - | - | - | - |
| Fertilizer (mixing only) manufacturing | 18.2 | - | 18.2 | - | 18.2 | - | - |
| Pesticide and other agricultural chemical manufacturing | - | - | - | - | - | - | 50.0 |
| Pharmaceutical and medicine manufacturing | 4.5 | 16.9 | 18.1 | 3.4 | 5.6 | - | 11.3 |
| Pharmaceutical and medicine manufacturing | 4.5 | 16.9 | 18.1 | 3.4 | 5.6 | - | 11.3 |
| Medicinal and botanical manufacturing $\qquad$ | - | 12.5 | 18.8 | - | - | - | 18.8 |
| Pharmaceutical preparation manufacturing $\qquad$ | 4.9 | 16.8 | 18.2 | 4.2 | 6.3 | - | 9.1 |
| In-vitro diagnostic substance manufacturing $\qquad$ | - | 28.6 | - | - | - | - | 28.6 |
| Biological product (except diagnostic) manufacturing | - | 18.2 | 27.3 | - | - | - | - |
| Paint, coating, and adhesive manufacturing | 6.8 | 14.9 | 8.1 | 2.7 | 8.1 | - | 10.8 |
| Paint and coating manufacturing ........................................ | 3.8 | 13.5 | 7.7 | 3.8 | 7.7 | _ | 15.4 |
| Adhesive manufacturing ...................... | 13.6 | 18.2 | 13.6 | - | 9.1 | - | - |
| Soap, cleaning compound, and toilet preparation manufacturing | 4.9 | 16.7 | 19.6 | 3.9 | 4.9 | - | 6.9 |
| Soap and cleaning compound manufacturing | 5.4 | 19.6 | 17.9 | 3.6 | 5.4 | - | 3.6 |

See footnotes at end of table.

| Industry ${ }^{3}$ | NAICS code ${ }^{4}$ | Total cases | Percent of industry case total involving - |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  | Chemicals and chemical products | Containers | Furniture and fixtures | Machinery |
| Soap and other detergent manufacturing $\qquad$ | 325611 | 210 | 9.5 | 38.1 | - | 14.3 |
| Polish and other sanitation good manufacturing $\qquad$ | 325612 | 290 | 13.8 | 13.8 | - | 6.9 |
| Surface active agent manufacturing ... | 32561332562 | 60460 | 4.3 | 21.7 | - | - |
| Toilet preparation manufacturing ........... |  |  |  |  |  | 10.9 |
| Other chemical product and preparation manufacturing | $\begin{array}{r} 3259 \\ 32591 \\ 32592 \end{array}$ | 1,030 | 6.8 | 20.4 | - | 6.8 |
| Printing ink manufacturing .................... |  | 120 | - | 33.3 | - | - |
| Explosives manufacturing $\qquad$ <br> All other chemical product and |  | 80 | - | 20.5 |  |  |
| preparation manufacturing | 32599 | 830 | 7.2 |  | - | 7.2 |
| Custom compounding of purchased resins | 325991 | 230 | - | 8.7 | - | 8.7 |
| All other miscellaneous chemical product and preparation manufacturing $\qquad$ | 325998 | $\begin{array}{r} 310 \\ 12.690 \end{array}$ | 9.7 | 25.8 | - | 9.7 |
| Plastics and rubber products manufacturing .. | 326 |  | 3.23.8 | $\begin{aligned} & 14.8 \\ & 15.8 \end{aligned}$ | $\begin{aligned} & 2.7 \\ & 2.5 \end{aligned}$ | $\begin{aligned} & 15.2 \\ & 15.4 \end{aligned}$ |
| Plastics product manufacturing ................ | 32611 | 9,900 |  |  |  |  |
| Unsupported plastics film, sheet, and bag manufacturing |  | 1,490 | 2.7 | 23.5 | - | 16.8 |
| Unsupported plastics bag manufacturing | 326111 | 310 | - | 19.4 | - | 29.0 |
| Unsupported plastics film and sheet (except packaging) manufacturing ... <br> Plastics pipe, pipe fitting, and | 326113 | 980 | 4.1 | 28.6 | - | 12.2 |
| Plastics pipe, pipe fitting, and unsupported profile shape manufacturing | 32612 | 1,080 | 1.9 | 13.9 | 3.7 | 18.5 |
| Unsupported plastics profile shape manufacturing $\qquad$ | 326121 | 500 | - | 18.0 | 6.0 | 18.0 |
| Plastics pipe and pipe fitting manufacturing | 326122 | 580 | - | 10.3 | - | 20.7 |
| Laminated plastics plate, sheet, and shape manufacturing | $\begin{aligned} & 32613 \\ & 32614 \end{aligned}$ | $\begin{aligned} & 300 \\ & 370 \end{aligned}$ | - | $\begin{aligned} & 20.0 \\ & 21.6 \end{aligned}$ | - | $\begin{aligned} & 13.3 \\ & 24.3 \end{aligned}$ |
| Polystyrene foam product manufacturing |  |  | - |  |  |  |
| Urethane and other foam product (except polystyrene) manufacturing | $\begin{aligned} & 32615 \\ & 32616 \\ & 32619 \end{aligned}$ | $\begin{array}{r} 630 \\ 380 \end{array}$ | 7.9 | $\begin{aligned} & 12.7 \\ & 13 ? \end{aligned}$ | 3.2 | 19.0 |
| Plastics bottle manufacturing ............... |  |  | - 4.8 |  | - 3.0 | 15.813.5 |
| Other plastics product manufacturing ..... Plastics plumbing fixture |  | 5,650 |  | 14.2 |  |  |
| manufacturing | 326191 | 250 | - | - | 20.0 | - |
| All other plastics product manufacturing $\qquad$ | $\begin{array}{r} 326199 \\ 3262 \end{array}$ | $\begin{aligned} & 5,360 \\ & 2,790 \end{aligned}$ | 4.91.1 | 14.611.5 | 2.23.2 | 13.8 |
| Rubber product manufacturing ................. |  |  |  |  |  | 14.7 |
| Tire manufacturing ............................. | $\begin{array}{r} 32621 \\ 326211 \\ 326212 \end{array}$ | 1,030 | - | 8.7 | 3.9 | 12.6 |
| Tire manufacturing (except retreading) $\qquad$ |  | $\begin{aligned} & 920 \\ & 110 \end{aligned}$ | - | 9.8- | 4.3- | 13.0- |
| Tire retreading ................................ |  |  |  |  |  |  |

See footnotes at end of table.

| Industry ${ }^{3}$ | Percent of industry case total involving - |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Parts and materials | Worker motion or position | Floors, walkways, or ground surfaces | Handtools | Vehicles | Health care patient | All other sources ${ }^{5}$ |
| Soap and other detergent manufacturing $\qquad$ | - | 9.5 | 14.3 | - | - | - | - |
| Polish and other sanitation good manufacturing $\qquad$ | - | 27.6 | 20.7 | 6.9 | - | - | - |
| Surface active agent manufacturing ... | 6.5 | 0 | - 7 | 4 | - | - | 9 |
| Toilet preparation manufacturing ........... | 6.5 | 13.0 | 21.7 | 4.3 | 6.5 | - | 10.9 |
| Other chemical product and preparation manufacturing $\qquad$ | 7.8 | 23.3 | 7.8 | 5.8 | 6.8 | - | 12.6 |
| Printing ink manufacturing .................... | - | 16.7 | 16.7 | - | - | - | 16.7 |
| Explosives manufacturing | - | - | 25.0 | - | 25.0 | - | 25.0 |
| All other chemical product and preparation manufacturing | 9.6 | 25.3 | 4.8 | 7.2 | 6.0 | - | 12.0 |
| Custom compounding of purchased resins | 21.7 | 30.4 | - | - | - | - | 17.4 |
| All other miscellaneous chemical product and preparation manufacturing $\qquad$ | - | 16.1 | 6.5 | 9.7 | 9.7 | - | 9.7 |
| Plastics and rubber products manufacturing .. | 16.1 | 17.2 | 11.5 | 5.5 | 3.7 | - | 10.0 |
| Plastics product manufacturing ................ | 14.0 | 17.2 | 11.8 | 5.3 | 3.5 | - | 10.6 |
| Unsupported plastics film, sheet, and bag manufacturing | 13.4 | 12.1 | 8.1 | 6.0 | 3.4 | - | 13.4 |
| Unsupported plastics bag manufacturing | 6.5 | 12.9 | 12.9 | - | 6.5 | - | 9.7 |
| Unsupported plastics film and sheet (except packaging) manufacturing ... Plastics pipe, pipe fitting, and | 10.2 | 11.2 | 7.1 | 6.1 | 3.1 | - | 16.3 |
| Plastics pipe, pipe fitting, and unsupported profile shape manufacturing | 18.5 | 20.4 | 10.2 | 4.6 | 2.8 | - | 5.6 |
| Unsupported plastics profile shape manufacturing | 16.0 | 16.0 | 12.0 | 4.0 | - | - | 4.0 |
| Plastics pipe and pipe fitting manufacturing | 19.0 | 22.4 | 6.9 | 5.2 | 3.4 | - | 6.9 |
| Laminated plastics plate, sheet, and shape manufacturing $\qquad$ | 16.7 | 10.0 | 10.0 | 6.7 | - | - | 16.7 |
| Polystyrene foam product manufacturing | 5.4 | 10.8 | 13.5 | - | 5.4 | - | 21.6 |
| Urethane and other foam product (except polystyrene) manufacturing ..... | 7.9 | 17.5 | 12.7 | 4.8 | 4.8 | - | 7.9 |
| Plastics bottle manufacturing ................ | 15.8 | 15.8 | 15.8 | - | 7.9 | - | 10.5 |
| Other plastics product manufacturing ..... | 14.2 | 18.9 | 12.7 | 5.5 | 3.2 | - | 9.9 |
| Plastics plumbing fixture manufacturing | 16.0 | 24.0 | - | 8.0 | - | - | 8.0 |
| All other plastics product manufacturing | 14.2 | 18.7 | 13.1 | 5.2 | 3.2 | - | 10.1 |
| Rubber product manufacturing ................. | 23.3 | 17.2 | 10.4 | 6.5 | 4.3 | - | 7.5 |
| Tire manufacturing ............................ | 32.0 | 18.4 | 6.8 | 3.9 | 5.8 | - | 8.7 |
| Tire manufacturing (except retreading) | 30.4 | 18.5 | 6.5 | 3.3 | 5.4 | - | 8.7 |
| Tire retreading ................................ | 45.5 | 27.3 | - | - | - | - | - |

See footnotes at end of table.

| Industry ${ }^{3}$ | NAICS code ${ }^{4}$ | Total cases | Percent of industry case total involving - |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  | Chemicals and chemical products | Containers | $\begin{aligned} & \text { Furniture } \\ & \text { and } \\ & \text { fixtures } \end{aligned}$ | Machinery |
| Rubber and plastics hoses and belting manufacturing | 32622 | 440 | - | 20.5 | - | 20.5 |
| Other rubber product manufacturing $\qquad$ Rubber product manufacturing for | 32629 | 1,320 | 1.5 | 9.8 | 3.0 | 15.2 |
| mechanical use | 326291 | 800 | - | 10.0 | 2.5 | 18.8 |
| All other rubber product manufacturing | 326299 | 520 | - | 9.6 | 3.8 | 7.7 |
| Nonmetallic mineral product manufacturing ... | 327 | 10,470 | 1.4 | 6.2 | 1.5 | 10.7 |
| Clay product and refractory manufacturing Pottery, ceramics, and plumbing fixture | 3271 | 790 | - | 8.9 | 2.5 | 17.7 |
| manufacturing | 32711 | 330 | - | 15.2 | 6.1 | 15.2 |
| Vitreous china plumbing fixture and china and earthenware bathroom accessories manufacturing $\qquad$ | 327111 | 40 | - | - | - | - |
| Vitreous china, fine earthenware, and other pottery product manufacturing | 327112 | 140 | - | - | - | 14.3 |
| Clay building material and refractories manufacturing | 32712 | 450 | - | 4.4 | - | 20.0 |
| Brick and structural clay tile manufacturing | 327121 | 160 | - | - | - | 25.0 |
| Ceramic wall and floor tile manufacturing | 327122 | 140 | - | - | - | 21.4 |
| Other structural clay product manufacturing $\qquad$ | 327123 | 20 | - | - | - | - |
| Clay refractory manufacturing ........... | 327124 | 30 | - | - | - | - |
| Nonclay refractory manufacturing ..... | 327125 | 110 | - | - | - | 18.2 |
| Glass and glass product manufacturing ..... | 3272 | 1,570 | 1.3 | 10.2 | 3.2 | 11.5 |
| Glass and glass product manufacturing | 32721 | 1,570 | 1.3 | 10.2 | 3.2 | 11.5 |
| Flat glass manufacturing .................. | 327211 | 210 | - | - | - | 9.5 |
| Other pressed and blown glass and glassware manufacturing | 327212 | 290 | - | 10.3 | - | 13.8 |
| Glass container manufacturing .......... | 327213 | 270 | - | 14.8 | - | 18.5 |
| Glass product manufacturing made of purchased glass | 327215 | 810 | - | 9.9 | 3.7 | 8.6 |
| Cement and concrete product manufacturing $\qquad$ | 3273 | 6,440 | 1.4 | 4.7 | . 5 | 9.6 |
| Ready-mix concrete manufacturing ........ | 32732 | 3,610 | 1.4 | 2.8 | - | 8.3 |
| Concrete pipe, brick, and block manufacturing | 32733 | 940 | - | 8.5 | - | 10.6 |
| Concrete block and brick manufacturing | 327331 | 640 | - | 9.4 | - | 9.4 |
| Concrete pipe manufacturing ............ | 327332 | 300 | - | - | - | 13.3 |
| Other concrete product manufacturing ... | 32739 | 1,620 | 1.9 | 5.6 | 1.9 | 12.3 |
| Lime and gypsum product manufacturing .. | 3274 | 160 | - | - | - | 31.2 |
| Gypsum product manufacturing ............ | 32742 | 60 | - | - | - | 33.3 |
| Other nonmetallic mineral product manufacturing $\qquad$ | 3279 | 1,520 | 2.0 | 7.2 | 3.3 | 9.2 |
| Abrasive product manufacturing ............ | 32791 | 100 | - | 20.0 | - | - |

See footnotes at end of table.

| Industry ${ }^{3}$ | Percent of industry case total involving - |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Parts and materials | Worker motion or position | Floors, walkways, or ground surfaces | Handtools | Vehicles | Health care patient | All other sources ${ }^{5}$ |
| Rubber and plastics hoses and belting manufacturing | 13.6 | 15.9 | 9.1 | 6.8 | - | - | 6.8 |
| Other rubber product manufacturing ... | 20.5 | 15.9 | 13.6 | 8.3 | 4.5 | - | 7.6 |
| Rubber product manufacturing for mechanical use $\qquad$ | 21.2 | 15.0 | 11.2 | 3.8 | 3.8 | - | 10.0 |
| All other rubber product manufacturing $\qquad$ | 19.2 | 17.3 | 17.3 | 15.4 | 3.8 | - | 3.8 |
| Nonmetallic mineral product manufacturing ... | 21.4 | 14.0 | 14.7 | 3.8 | 10.9 | - | 15.5 |
| Clay product and refractory manufacturing | 21.5 | 17.7 | 8.9 | 5.1 | 5.1 | - | 11.4 |
| Pottery, ceramics, and plumbing fixture manufacturing | 18.2 | 21.2 | 9.1 | 6.1 | - | - | 9.1 |
| Vitreous china plumbing fixture and china and earthenware bathroom accessories manufacturing $\qquad$ | 50.0 | - | - | - | - | - | - |
| Vitreous china, fine earthenware, and other pottery product manufacturing Clay building material and refractories | 14.3 | 28.6 | 14.3 | - | - | - | - |
| manufacturing | 24.4 | 15.6 | 8.9 | 4.4 | 6.7 | - | 13.3 |
| Brick and structural clay tile manufacturing | 31.2 | 18.8 | - | - | - | - | 12.5 |
| Ceramic wall and floor tile manufacturing | 14.3 | 14.3 | 14.3 | - | - | - | - |
| Other structural clay product manufacturing $\qquad$ | 100.0 | - | - | - | - | - | - |
| Clay refractory manufacturing ........... | - | - | - | - | - | - | - |
| Nonclay refractory manufacturing ...... | 18.2 | 18.2 | - | - | - | - | 18.2 |
| Glass and glass product manufacturing ..... | 26.8 | 19.7 | 8.3 | 3.2 | 3.8 | - | 12.7 |
| Glass and glass product manufacturing | 26.8 | 19.7 | 8.3 | 3.2 | 3.8 | - | 12.7 |
| Flat glass manufacturing .................. | 42.9 | - | - | - | - | - | - |
| Other pressed and blown glass and glassware manufacturing $\qquad$ | 13.8 | 24.1 | 10.3 | - | - | - | 17.2 |
| Glass container manufacturing .......... | 7.4 | 14.8 | 14.8 | - | - | - | 18.5 |
| Glass product manufacturing made of purchased glass | 33.3 | 21.0 | 7.4 | 2.5 | 4.9 | - | 9.9 |
| Cement and concrete product manufacturing $\qquad$ | 19.4 | 13.5 | 18.9 | 3.4 | 15.5 | - | 12.9 |
| Ready-mix concrete manufacturing ....... | 10.0 | 15.0 | 24.4 | 2.8 | 22.2 | - | 13.3 |
| Concrete pipe, brick, and block manufacturing | 29.8 | 13.8 | 12.8 | 6.4 | 5.3 | - | 12.8 |
| Concrete block and brick manufacturing | 28.1 | 10.9 | 14.1 | 7.8 | 6.2 | _ | 14.1 |
| Concrete pipe manufacturing ............ | 33.3 | 16.7 | 13.3 | 6.7 | - | - | 6.7 |
| Other concrete product manufacturing ... | 34.0 | 10.5 | 11.1 | 3.7 | 8.0 | - | 11.1 |
| Lime and gypsum product manufacturing Gypsum product manufacturing | - | - | - | - | - | - | 50.0 |
| Other nonmetallic mineral product manufacturing $\qquad$ | 25.7 | 9.2 | 7.9 | 5.3 | 2.6 | _ | 27.6 |
| Abrasive product manufacturing ............ | 20.0 | - | - | 20.0 | - | - | - |

See footnotes at end of table.

| Industry ${ }^{3}$ | NAICS code ${ }^{4}$ | Total cases | Percent of industry case total involving - |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  | Chemicals and chemical products | Containers | Furniture and fixtures | Machinery |
| All other nonmetallic mineral product manufacturing | 32799 | 1,410 | 1.4 | 6.4 | 3.5 | 9.2 |
| Cut stone and stone product manufacturing $\qquad$ | 327991 | 810 | - | 2.5 | 4.9 | 6.2 |
| Ground or treated mineral and earth manufacturing | 327992 | 80 | - | - | - | 25.0 |
| Mineral wool manufacturing .............. | 327993 | 290 | - | 10.3 | - | 13.8 |
| All other miscellaneous nonmetallic mineral product manufacturing | 327999 | 240 | 8.3 | 8.3 | - | - |
| Primary metal manufacturing ...................... | 331 | 10,440 | 1.3 | 9.5 | 1.7 | 11.6 |
| Iron and steel mills and ferroalloy manufacturing | 3311 | 1,790 | 1.7 | 7.3 | - | 9.5 |
| Iron and steel mills and ferroalloy manufacturing $\qquad$ | 33111 | 1,790 | 1.7 | 7.3 | _ | 9.5 |
| Iron and steel mills ......................... | 331111 | 1,750 | 1.7 | 7.4 | - | 9.7 |
| Electrometallurgical ferroalloy product manufacturing | 331112 | 40 | - | - | - | - |
| Steel product manufacturing from purchased steel | 3312 | 1,470 | 1.4 | 12.2 | 3.4 | 9.5 |
| Iron and steel pipe and tube manufacturing from purchased steel | 33121 | 630 | - | 7.9 | 4.8 | 11.1 |
| Rolling and drawing of purchased steel | 33122 | 840 | - | 14.3 | 2.4 | 8.3 |
| Rolled steel shape manufacturing ...... | 331221 | 520 | - | 9.6 | 3.8 | 7.7 |
| Steel wire drawing ........................... | 331222 | 330 | - | 21.2 | - | 9.1 |
| Alumina and aluminum production and processing | 3313 | 1,210 | 1.7 | 9.1 | 4.1 | 9.9 |
| Alumina and aluminum production and processing | $33131$ | 1,210 | 1.7 | 9.1 | 4.1 | 9.9 |
| Primary aluminum production ............ | 331312 | 220 | - | - | - | - |
| Secondary smelting and alloying of aluminum $\qquad$ | 331314 | 260 | - | - | - | 11.5 |
| Aluminum sheet, plate, and foil manufacturing | 331315 | 100 | - | - | - | - |
| Aluminum extruded product manufacturing | 331316 | 510 | - | 7.8 | 3.9 | 11.8 |
| Other aluminum rolling and drawing ... Nonferrous metal (except aluminum) | 331319 | 110 | - | 36.4 | - | 18.2 |
| production and processing | 3314 | 1,620 | 1.9 | 19.8 | 1.9 | 11.7 |
| Nonferrous metal (except aluminum) smelting and refining | 33141 | 90 | - | - | - | - |
| Primary smelting and refining of copper | 331411 | 30 | - | - | - | - |
| Primary smelting and refining of nonferrous metal (except copper and aluminum) $\qquad$ | 331419 | 60 | - | - | - | - |
| Copper rolling, drawing, extruding, and alloying $\qquad$ | 33142 | 1,170 | - | 23.1 | 1.7 | 12.0 |
| Copper rolling, drawing, and extruding | 331421 | 540 | - | 13.0 | - | 11.1 |

See footnotes at end of table.

| Industry ${ }^{3}$ | Percent of industry case total involving - |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Parts and materials | Worker motion or position | Floors, walkways, or ground surfaces | Handtools | Vehicles | Health care patient | All other sources ${ }^{5}$ |
| All other nonmetallic mineral product manufacturing | 26.2 | 9.9 | 7.8 | 5.0 | 2.8 | - | 28.4 |
| Cut stone and stone product manufacturing $\qquad$ | 33.3 | 7.4 | 6.2 | 6.2 | - | - | 34.6 |
| Ground or treated mineral and earth manufacturing | - | 25.0 | - | - | - | - | - |
| Mineral wool manufacturing .............. | 13.8 | 13.8 | 10.3 | - | 10.3 | - | 24.1 |
| All other miscellaneous nonmetallic mineral product manufacturing | 25.0 | 8.3 | 8.3 | 8.3 | - | - | 20.8 |
| Primary metal manufacturing ...................... | 28.5 | 15.0 | 9.9 | 5.5 | 3.4 | - | 13.4 |
| Iron and steel mills and ferroalloy manufacturing $\qquad$ | 26.3 | 16.8 | 17.9 | 5.6 | 3.4 | - | 11.2 |
| Iron and steel mills and ferroalloy manufacturing | 26.3 | 16.8 | 17.9 | 5.6 | 3.4 | - | 11.2 |
| Iron and steel mills | 26.3 | 16.6 | 18.3 | 5.7 | 2.9 | - | 10.9 |
| Electrometallurgical ferroalloy product manufacturing $\qquad$ | - | - | - | - | - | - | - |
| Steel product manufacturing from purchased steel $\qquad$ | 29.9 | 13.6 | 12.2 | 6.1 | 2.7 | - | 8.2 |
| Iron and steel pipe and tube manufacturing from purchased steel .... | 30.2 | 11.1 | 14.3 | 4.8 | - | - | 12.7 |
| Rolling and drawing of purchased steel | 31.0 | 14.3 | 11.9 | 7.1 | 4.8 | - | 4.8 |
| Rolled steel shape manufacturing ...... | 34.6 | 15.4 | 13.5 | 5.8 | 3.8 | - | 5.8 |
| Steel wire drawing ........................... | 24.2 | 15.2 | 9.1 | 9.1 | 6.1 | - | - |
| Alumina and aluminum production and processing | 33.1 | 11.6 | 9.1 | 4.1 | 5.8 | - | 12.4 |
| Alumina and aluminum production and processing | 33.1 | 11.6 | 9.1 | 4.1 | 5.8 | - | 12.4 |
| Primary aluminum production ............ | 54.5 | - | - | - | - | - | 9.1 |
| Secondary smelting and alloying of aluminum | 30.8 | 7.7 | 15.4 | - | - | - | 15.4 |
| Aluminum sheet, plate, and foil manufacturing | 30.0 | - | - | - | - | - | - |
| Aluminum extruded product manufacturing | 29.4 | 15.7 | 7.8 | 3.9 | 5.9 | - | 13.7 |
| Other aluminum rolling and drawing ... | - | 18.2 | - | - | - | - | - |
| Nonferrous metal (except aluminum) production and processing | 23.5 | 17.9 | 8.6 | 4.9 | 3.1 | - | 6.8 |
| Nonferrous metal (except aluminum) smelting and refining | 22.2 | - | 22.2 | - | - | - | - |
| Primary smelting and refining of copper | - | - | - | - | - | - | - |
| Primary smelting and refining of nonferrous metal (except copper and aluminum) $\qquad$ | - | - | - | - | - | - | - |
| Copper rolling, drawing, extruding, and alloying $\qquad$ | 18.8 | 20.5 | 8.5 | 4.3 | 3.4 | - | 6.8 |
| Copper rolling, drawing, and extruding | 25.9 | 22.2 | 7.4 | 3.7 | 5.6 | - | 9.3 |


| Industry ${ }^{3}$ | NAICS code ${ }^{4}$ | Total cases | Percent of industry case total involving - |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  | Chemicals and chemical products | Containers | Furniture and fixtures | Machinery |
| Nonferrous metal (except copper and aluminum) rolling, drawing, extruding, and alloying $\qquad$ | 33149 | 360 | 5.6 | 11.1 | - | 11.1 |
| Nonferrous metal (except copper and aluminum) rolling, drawing, and extruding $\qquad$ | 331491 | 200 | - | 15.0 | - | 15.0 |
| Secondary smelting, refining, and alloying of nonferrous metal (except copper and aluminum) | 331492 | 160 | - | - | - | - |
| Foundries ............................................. | 3315 | 4,350 | 1.1 | 5.7 | 1.1 | 13.6 |
| Ferrous metal foundries ...................... | 33151 | 2,690 | . 7 | 5.2 | 1.1 | 11.2 |
| Iron foundries | 331511 | 1,800 | - | 5.6 | - | 8.9 |
| Steel investment foundries ................ | 331512 | 250 | - | - | - | 16.0 |
| Steel foundries (except investment) ... | 331513 | 640 | - | 3.1 | - | 15.6 |
| Nonferrous metal foundries .................. | 33152 | 1,660 | 1.8 | 6.6 | 1.2 | 17.5 |
| Aluminum die-casting foundries | 331521 | 550 | - | 5.5 | - | 12.7 |
| Nonferrous (except aluminum) die-casting foundries | 331522 | 200 | - | 10.0 | - | 25.0 |
| Aluminum foundries (except die-casting) | 331524 | 610 | - | 6.6 | - | 19.7 |
| Copper foundries (except die-casting) | 331525 | 180 | - | - | - | 27.8 |
| Other nonferrous foundries (except die-casting) $\qquad$ | 331528 | 120 | - | - | - | - |
| Fabricated metal product manufacturing ........ | 332 | 28,720 | 2.0 | 8.7 | 1.6 | 13.4 |
| Forging and stamping | 3321 | 2,700 | . 7 | 10.4 | 1.1 | 14.8 |
| Forging and stamping | 33211 | 2,700 | . 7 | 10.4 | 1.1 | 14.8 |
| Iron and steel forging | 332111 | 820 | - | 12.2 | - | 11.0 |
| Custom roll forming ......................... | 332114 | 110 | - | - | - | 18.2 |
| Crown and closure manufacturing ...... | 332115 | 40 | - | - | - | - |
| Metal stamping ............................... | 332116 | 1,300 | 1.5 | 8.5 | - | 17.7 |
| Powder metallurgy part manufacturing | 332117 | 220 | - | 22.7 | - | 13.6 |
| Cutlery and handtool manufacturing ......... | 3322 | 950 | 2.1 | 15.8 | 3.2 | 12.6 |
| Cutlery and handtool manufacturing ...... | 33221 | 950 | 2.1 | 15.8 | 3.2 | 12.6 |
| Cutlery and flatware (except precious) manufacturing $\qquad$ | 332211 | 190 | - | 10.5 | - | - |
| Hand and edge tool manufacturing .... Saw blade and handsaw | 332212 | 480 | - | 18.8 | - | 16.7 |
| manufacturing | 332213 | 130 | - | 23.1 | - | 15.4 |
| Kitchen utensil, pot, and pan manufacturing $\qquad$ | 332214 | 140 | - | 14.3 | 14.3 | - |
| Architectural and structural metals manufacturing | 3323 | 9,040 | . 8 | 5.2 | 1.1 | 13.1 |
| Plate work and fabricated structural product manufacturing | 33231 | 5,230 | . 4 | 4.2 | . 6 | 13.2 |
| Prefabricated metal building and component manufacturing $\qquad$ <br> Fabricated structural metal | 332311 | 690 | - | 4.3 | - | 14.5 |
| manufacturing | 332312 | 3,260 | - | 4.0 | . 6 | 13.2 |

See footnotes at end of table

| Industry ${ }^{3}$ | Percent of industry case total involving - |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Parts and materials | Worker motion or position | Floors, walkways, or ground surfaces | Handtools | Vehicles | Health care patient | All other sources ${ }^{5}$ |
| Nonferrous metal (except copper and aluminum) rolling, drawing, extruding, and alloying $\qquad$ | 38.9 | 8.3 | 8.3 | 5.6 | - | - | 8.3 |
| Nonferrous metal (except copper and aluminum) rolling, drawing, and extruding $\qquad$ | 30.0 | 10.0 | 10.0 | - | - | - | - |
| Secondary smelting, refining, and alloying of nonferrous metal (except copper and aluminum) $\qquad$ | 50.0 | 12.5 | - | - | - | - | 12.5 |
| Foundries ............................................. | 29.7 | 14.7 | 6.4 | 5.7 | 3.2 | - | 18.6 |
| Ferrous metal foundries | 29.7 | 14.9 | 6.3 | 7.1 | 3.7 | - | 20.1 |
| Iron foundries .... | 29.4 | 13.9 | 6.7 | 7.8 | 3.9 | - | 22.2 |
| Steel investment foundries | 28.0 | 20.0 | 8.0 | - | - | - | 12.0 |
| Steel foundries (except investment) ... | 29.7 | 15.6 | 4.7 | 4.7 | 4.7 | - | 17.2 |
| Nonferrous metal foundries .................. | 29.5 | 14.5 | 6.0 | 4.2 | 2.4 | - | 16.3 |
| Aluminum die-casting foundries ........ | 23.6 | 16.4 | 9.1 | 3.6 | - | - | 21.8 |
| Nonferrous (except aluminum) die-casting foundries | 20.0 | 15.0 | - | - | - | - | 15.0 |
| Aluminum foundries (except die-casting) $\qquad$ | 31.1 | 14.8 | 4.9 | 3.3 | - | - | 16.4 |
| Copper foundries (except die-casting) | 38.9 | - | - | - | - | - | 11.1 |
| Other nonferrous foundries (except die-casting) | 41.7 | - | - | - | - | - | - |
| Fabricated metal product manufacturing ........ | 26.5 | 14.2 | 9.5 | 6.8 | 3.1 | - | 14.1 |
| Forging and stamping ............................. | 31.1 | 13.7 | 7.4 | 5.9 | 2.2 | - | 11.5 |
| Forging and stamping ......................... | 31.1 | 13.7 | 7.4 | 5.9 | 2.2 | - | 11.5 |
| Iron and steel forging ....................... | 24.4 | 15.9 | 11.0 | 8.5 | 2.4 | - | 13.4 |
| Custom roll forming ......................... | 18.2 | - | - | - | - | - | - |
| Crown and closure manufacturing ...... | - | - | - | - | - | - | - |
| Metal stamping ............................... | 40.0 | 12.3 | 3.1 | 3.8 | 1.5 | - | 10.8 |
| Powder metallurgy part manufacturing | 13.6 | 13.6 | 18.2 | - | 9.1 | - | - |
| Cutlery and handtool manufacturing ......... | 7.4 | 28.4 | 7.4 | 11.6 | 4.2 | - | 6.3 |
| Cutlery and handtool manufacturing | 7.4 | 28.4 | 7.4 | 11.6 | 4.2 | - | 6.3 |
| Cutlery and flatware (except precious) manufacturing | - | 73.7 | $-$ | - | - | - | - |
| Hand and edge tool manufacturing .... Saw blade and handsaw | 6.2 | 18.8 | 10.4 | 12.5 | - | - | 10.4 |
| Saw blade and handsaw manufacturing $\qquad$ | 15.4 | 15.4 | - | - | - | - | - |
| Kitchen utensil, pot, and pan manufacturing $\qquad$ | 14.3 | 14.3 | - | 21.4 | 14.3 | - | - |
| Architectural and structural metals manufacturing | 32.0 | 11.0 | 9.7 | 7.5 | 2.5 | - | 17.0 |
| Plate work and fabricated structural product manufacturing | 37.1 | 9.8 | 9.4 | 7.1 | 2.1 | - | 16.4 |
| Prefabricated metal building and component manufacturing <br> Fabricated structural metal | 36.2 | 13.0 | 13.0 | 7.2 | 4.3 | - | 7.2 |
| manufacturing | 36.2 | 9.2 | 7.1 | 7.4 | 1.8 | - | 20.6 |


| Industry ${ }^{3}$ | NAICS code ${ }^{4}$ | Total cases | Percent of industry case total involving - |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  | Chemicals and chemical products | Containers | Furniture and fixtures | Machinery |
| Plate work manufacturing ................. | 332313 | 1,280 | - | 4.7 | - | 11.7 |
| Ornamental and architectural metal products manufacturing | 33232 | 3,810 | 1.3 | 6.6 | 1.8 | 13.1 |
| Metal window and door manufacturing | 332321 | 1,110 | - | 5.4 | 3.6 | 9.9 |
| Sheet metal work manufacturing ....... | 332322 | 1,820 | 2.2 | 8.2 | 1.1 | 14.8 |
| Ornamental and architectural metal work manufacturing | 332323 | 890 | - | 3.4 | - | 12.4 |
| Boiler, tank, and shipping container manufacturing | 3324 | 1,990 | 1.0 | 12.1 | 1.0 | 8.5 |
| Power boiler and heat exchanger manufacturing | 33241 | 320 | - | 9.4 | - | - |
| Metal tank (heavy gauge) manufacturing Metal can, box, and other metal | 33242 | 810 | - | 8.6 | - | 8.6 |
| container (light gauge) manufacturing .. | 33243 | 850 | - | 15.3 | - | 10.6 |
| Metal can manufacturing .................. | 332431 | 290 | - | 10.3 | - | 10.3 |
| Other metal container manufacturing | 332439 | 560 | - | 17.9 | - | 10.7 |
| Hardware manufacturing ......................... | 3325 | 400 | - | 12.5 | - | 20.0 |
| Spring and wire product manufacturing ...... | 3326 | 1,350 | 1.5 | 16.3 | 3.0 | 19.3 |
| Spring and wire product manufacturing .. | 33261 | 1,350 | 1.5 | 16.3 | 3.0 | 19.3 |
| Spring (light gauge) manufacturing .... | 332612 | 320 | - | 6.2 | - | 18.8 |
| Other fabricated wire product manufacturing | 332618 | 1,020 | - | 18.6 | 3.9 | 18.6 |
| Machine shops; turned product; and screw, nut, and bolt manufacturing | 3327 | 5,670 | 3.5 | 6.2 | 1.4 | 15.7 |
| Machine shops ................................... | 33271 | 4,240 | 3.3 | 4.2 | 1.7 | 14.4 |
| Turned product and screw, nut, and bolt manufacturing $\qquad$ | 33272 | 1,430 | 4.2 | 11.9 | - | 19.6 |
| Precision turned product manufacturing | 332721 | 800 | 3.8 | 11.2 | - | 21.2 |
| Bolt, nut, screw, rivet, and washer manufacturing $\qquad$ | 332722 | 630 | 6.3 | 12.7 | - | 17.5 |
| Coating, engraving, heat treating, and allied activities | 3328 | 2,330 | 6.9 | 12.0 | 4.3 | 9.4 |
| Coating, engraving, heat treating, and allied activities | 33281 | 2,330 | 6.9 | 12.0 | 4.3 | 9.4 |
| Metal heat treating ........................... | 332811 | 310 | - | 9.7 | 6.5 | 12.9 |
| Metal coating, engraving (except jewelry and silverware), and allied services to manufacturers | 332812 | 900 | 6.7 | 12.2 | - | 6.7 |
| Electroplating, plating, polishing, anodizing, and coloring | 332813 | 1,120 | 8.0 | 13.4 | 3.6 | 10.7 |
| Other fabricated metal product manufacturing $\qquad$ | 3329 | 4,300 | 1.4 | 10.2 | 1.2 | 12.3 |
| Metal valve manufacturing ................... | 33291 | 1,110 | 1.8 | 11.7 | 1.8 | 19.8 |
| Industrial valve manufacturing ........... | 332911 | 340 | - | 11.8 | - | 20.6 |
| Fluid power valve and hose fitting manufacturing $\qquad$ | 332912 | 330 | - | 12.1 | - | 18.2 |

See footnotes at end of table

| Industry ${ }^{3}$ | Percent of industry case total involving - |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Parts and materials | Worker motion or position | Floors, walkways, or ground surfaces | Handtools | Vehicles | Health care patient | All other sources ${ }^{5}$ |
| Plate work manufacturing | 39.8 | 9.4 | 13.3 | 6.2 | 1.6 | - | 10.9 |
| Ornamental and architectural metal products manufacturing | 25.2 | 12.9 | 10.2 | 8.1 | 3.1 | - | 17.8 |
| Metal window and door manufacturing | 22.5 | 16.2 | 8.1 | 3.6 | 5.4 | - | 23.4 |
| Sheet metal work manufacturing ....... | 25.8 | 12.6 | 6.6 | 9.9 | 2.7 | - | 15.4 |
| Ornamental and architectural metal work manufacturing | 25.8 | 9.0 | 19.1 | 11.2 | - | - | 15.7 |
| Boiler, tank, and shipping container manufacturing | 26.6 | 15.1 | 12.1 | 7.5 | 3.0 | - | 13.1 |
| Power boiler and heat exchanger manufacturing | 25.0 | 21.9 | 6.2 | 6.2 | - | - | 18.8 |
| Metal tank (heavy gauge) manufacturing Metal can, box, and other metal | 32.1 | 13.6 | 7.4 | 8.6 | - | - | 17.3 |
| container (light gauge) manufacturing .. | 21.2 | 15.3 | 18.8 | 7.1 | 3.5 | - | 7.1 |
| Metal can manufacturing .................. | 17.2 | 31.0 | 20.7 | - | - | - | 6.9 |
| Other metal container manufacturing | 23.2 | 7.1 | 17.9 | 8.9 | 5.4 | - | 5.4 |
| Hardware manufacturing ......................... | 17.5 | 20.0 | 10.0 | 5.0 | 5.0 | - | 7.5 |
| Spring and wire product manufacturing ...... | 14.1 | 20.0 | 5.9 | 6.7 | 3.0 | - | 10.4 |
| Spring and wire product manufacturing .. | 14.1 | 20.0 | 5.9 | 6.7 | 3.0 | - | 10.4 |
| Spring (light gauge) manufacturing .... | 6.2 | 34.4 | - | 9.4 | . | - | 12.5 |
| Other fabricated wire product manufacturing | 16.7 | 15.7 | 6.9 | 4.9 | 3.9 | - | 9.8 |
| Machine shops; turned product; and screw, nut, and bolt manufacturing $\qquad$ | 23.5 | 12.5 | 11.8 | 6.9 | 5.1 | - | 13.4 |
| Machine shops .................................. | 24.1 | 10.1 | 13.0 | 8.3 | 6.4 | - | 14.6 |
| Turned product and screw, nut, and bolt manufacturing $\qquad$ | 21.7 | 19.6 | 8.4 | 2.8 | - | - | 9.1 |
| Precision turned product manufacturing | 22.5 | 25.0 | 6.2 | 2.5 | - | - | 6.2 |
| Bolt, nut, screw, rivet, and washer manufacturing $\qquad$ | 20.6 | 14.3 | 12.7 | - | - | - | 14.3 |
| Coating, engraving, heat treating, and allied activities | 24.5 | 12.9 | 7.7 | 2.6 | 4.3 | - | 15.5 |
| Coating, engraving, heat treating, and allied activities | 24.5 | 12.9 | 7.7 | 2.6 | 4.3 | - | 15.5 |
| Metal heat treating ........................... | 29.0 | 6.5 | 16.1 | - | 6.5 | - | 12.9 |
| Metal coating, engraving (except jewelry and silverware), and allied services to manufacturers | 25.6 | 13.3 | 6.7 | - | 5.6 | - | 16.7 |
| Electroplating, plating, polishing, anodizing, and coloring | 22.3 | 14.3 | 6.2 | 3.6 | 2.7 | - | 15.2 |
| Other fabricated metal product manufacturing $\qquad$ | 25.6 | 17.9 | 8.8 | 7.0 | 1.6 | - | 14.0 |
| Metal valve manufacturing ................... | 19.8 | 18.9 | 8.1 | 6.3 | 1.8 | - | 10.8 |
| Industrial valve manufacturing ........... | 23.5 | 17.6 | 5.9 | 8.8 | - | - | 11.8 |
| Fluid power valve and hose fitting manufacturing $\qquad$ | 15.2 | 21.2 | 12.1 | 6.1 | - | - | 12.1 |

See footnotes at end of table.


See footnotes at end of table

| Industry ${ }^{3}$ | Percent of industry case total involving - |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Parts and materials | Worker motion or position | Floors, walkways, or ground surfaces | Handtools | Vehicles | Health care patient | All other sources ${ }^{5}$ |
| Plumbing fixture fitting and trim manufacturing | 16.7 | 25.0 | 16.7 | - | - | - | - |
| Other metal valve and pipe fitting manufacturing | 22.6 | 16.1 | 6.5 | - | - | - | 9.7 |
| All other fabricated metal product manufacturing | 27.6 | 17.9 | 8.8 | 7.2 | 1.6 | - | 15.0 |
| Ball and roller bearing manufacturing | 20.5 | 17.9 | 7.7 | - | - | - | 12.8 |
| Small arms ammunition manufacturing | 21.4 | 28.6 | - | - | - | - | 14.3 |
| Ammunition (except small arms) manufacturing | - | - | - | - | - | - | - |
| Small arms manufacturing ................ | - | 14.3 | 14.3 | - | - | - | - |
| Fabricated pipe and pipe fitting manufacturing | 36.7 | 16.7 | 10.0 | 3.3 | - | - | 8.3 |
|  | - | - | - | - | - | - | 33.3 |
| Enameled iron and metal sanitary ware manufacturing | - | 42.9 | - | 14.3 | - | _ | 14.3 |
| All other miscellaneous fabricated metal product manufacturing | 33.3 | 13.8 | 8.2 | 10.1 | 1.9 | - | 18.2 |
| Machinery manufacturing ........................... | 25.8 | 15.0 | 9.0 | 8.5 | 3.4 | - | 12.0 |
| Agriculture, construction, and mining machinery manufacturing | 29.3 | 14.8 | 8.5 | 10.9 | 4.4 | - | 12.3 |
| Agricultural implement manufacturing .... | 31.3 | 11.7 | 8.0 | 14.7 | 3.7 | - | 9.8 |
| Farm machinery and equipment manufacturing | 33.1 | 11.8 | 8.8 | 16.2 | 2.9 | - | 10.3 |
| Lawn and garden tractor and home lawn and garden equipment manufacturing $\qquad$ | 18.5 | 11.1 | - | 11.1 | 11.1 | - | 7.4 |
| Construction machinery manufacturing .. | 26.8 | 18.9 | 9.1 | 7.9 | 4.9 | - | 14.6 |
| manufacturing | 30.2 | 12.8 | 8.1 | 9.3 | 3.5 | - | 14.0 |
| Mining machinery and equipment manufacturing | 28.6 | 17.9 | - | 17.9 | - | - | 10.7 |
| Oil and gas field machinery and equipment manufacturing | 31.0 | 10.3 | 8.6 | 6.9 | 3.4 | - | 15.5 |
| Industrial machinery manufacturing .......... | 30.4 | 12.7 | 9.5 | 7.0 | 3.8 | - | 10.8 |
| Sawmill and woodworking machinery manufacturing | 27.3 | 45.5 | - | - | - | - | - |
| Plastics and rubber industry machinery manufacturing | 35.1 | - | 5.4 | 5.4 | - | - | 18.9 |
| Other industrial machinery manufacturing $\qquad$ | 29.1 | 12.7 | 11.8 | 7.3 | 4.5 | - | 9.1 |
| Paper industry machinery manufacturing | 21.4 | 14.3 | - | 14.3 | - | - | - |
| Textile machinery manufacturing ....... | 25.0 | - | - | - | - | - | - |
| Printing machinery and equipment manufacturing | - | - | 18.2 | - | 18.2 | - | - |

See footnotes at end of table.

| Industry ${ }^{3}$ | NAICS code ${ }^{4}$ | Total cases | Percent of industry case total involving - |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  | Chemicals and chemical products | Containers | Furniture and fixtures | Machinery |
| Food product machinery manufacturing | 333294 | 250 | - | 8.0 | - | 8.0 |
| Semiconductor machinery manufacturing $\qquad$ | 333295 | 150 | - | 20.0 | - | - |
| All other industrial machinery manufacturing $\qquad$ | 333298 | 370 | - | 8.1 | - | 10.8 |
| Commercial and service industry machinery manufacturing | 3333 | 1,140 | - | 7.9 | 3.5 | 18.4 |
| Commercial and service industry machinery manufacturing | 33331 | 1,140 | - | 7.9 | 3.5 | 18.4 |
| Automatic vending machine manufacturing | 333311 | 60 | - | - | - | - |
| Commercial laundry, drycleaning, and pressing machine manufacturing | 333312 | 80160 | - | - | - | - |
| Optical instrument and lens manufacturing | 333314 |  | - | - | - | 12.5 |
| Photographic and photocopying equipment manufacturing | 333315 | 706502,100 |  | 9.2 | - | 28.6 |
| Other commercial and service industry machinery manufacturing ... | 333319 |  | 1.0 |  | - | 16.9 |
| Ventilation, heating, air-conditioning, and commercial refrigeration equipment manufacturing | 3334 |  |  | 8.6 | 2.4 | 17.1 |
| Ventilation, heating, air-conditioning, and commercial refrigeration equipment manufacturing $\qquad$ | 33341 | 2,100 | 1.0 | 8.6 | 2.4 | 17.1 |
| Air purification equipment manufacturing | 333411 | 280 | - | 10.7 | - | 25.0 |
| Industrial and commercial fan and blower manufacturing $\qquad$ | 333412 | 230 | - | - | - | 17.4 |
| Heating equipment (except warm air furnaces) manufacturing | 333414 | 300 | - | 13.3 | - | 20.0 |
| Air-conditioning and warm air heating equipment and commercial and industrial refrigeration equipment manufacturing | 333415 | 1,280 | 1.6 | 7.8 | 2.3 | 14.8 |
| Metalworking machinery manufacturing ..... | $\begin{array}{r} 3335 \\ 33351 \end{array}$ | 2,710 | .7.7 | 8.9 | 1.5 | 22.5 |
| Metalworking machinery manufacturing |  | $\begin{array}{r} 2,710 \\ 620 \end{array}$ |  | 8.99.7 | 1.5 | 22.5 |
| Industrial mold manufacturing ........... | $\begin{array}{r} 33351 \\ 333511 \end{array}$ |  | - 7 |  | $-$ | 17.7 |
| Machine tool (metal cutting types) manufacturing | 333511 333512 | 310 | - | 19.4 | - | 16.1 |
| Machine tool (metal forming types) manufacturing $\qquad$ | 333513 | 240 | - | - | - | 8.3 |
| Special die and tool, die set, jig, and fixture manufacturing | $333514$$333515$ | $\begin{aligned} & 850 \\ & 400 \end{aligned}$ | -- | $\begin{array}{r} 4.7 \\ 12.5 \end{array}$ | 2.4- | 18.8 |
| Cutting tool and machine tool accessory manufacturing |  |  |  |  |  | 32.5 |

See footnotes at end of table

| Industry ${ }^{3}$ | Percent of industry case total involving - |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Parts and materials | Worker motion or position | Floors, walkways, or ground surfaces | Handtools | Vehicles | Health care patient | All other sources ${ }^{5}$ |
| Food product machinery manufacturing | 40.0 | 12.0 | 8.0 | 8.0 | - | - | 8.0 |
| Semiconductor machinery manufacturing $\qquad$ | 20.0 | 13.3 | 20.0 | - | - | - | 13.3 |
| All other industrial machinery manufacturing | 32.4 | 16.2 | 8.1 | 8.1 | - | - | 10.8 |
| Commercial and service industry machinery manufacturing | 20.2 | 15.8 | 12.3 | 6.1 | 4.4 | - | 10.5 |
| Commercial and service industry machinery manufacturing | 20.2 | 15.8 | 12.3 | 6.1 | 4.4 | - | 10.5 |
| Automatic vending machine manufacturing | - | - | - | - | - | - | - |
| Commercial laundry, drycleaning, and pressing machine manufacturing ..... | 25.0 | - | - | - | - | - | - |
| Optical instrument and lens manufacturing | - | 12.5 | 25.0 | - | - | - | 25.0 |
| Photographic and photocopying equipment manufacturing | - | 28.6 | - | - | - | - | - |
| Other commercial and service industry machinery manufacturing ... | 24.6 | 13.8 | 10.8 | 7.7 | 6.2 | - | 7.7 |
| Ventilation, heating, air-conditioning, and commercial refrigeration equipment manufacturing $\qquad$ | 22.4 | 14.8 | 12.9 | 6.7 | 3.8 | - | 10.5 |
| Ventilation, heating, air-conditioning, and commercial refrigeration equipment manufacturing | 22.4 | 14.8 | 12.9 | 6.7 6.7 | 3.8 3.8 | - | 10.5 |
| Air purification equipment manufacturing $\qquad$ | 22.4 17.9 | 14.8 10.7 | 12.9 14.3 | 6.7 7.1 | 3.8 | - | 10.5 7.1 |
| Industrial and commercial fan and blower manufacturing | 39.1 | 8.7 | 8.7 | 8.7 | - | - | 8.7 |
| Heating equipment (except warm air furnaces) manufacturing $\qquad$ | 13.3 | 16.7 | 16.7 | 6.7 | - | - | 10.0 |
| Air-conditioning and warm air heating equipment and commercial and industrial refrigeration equipment manufacturing $\qquad$ | 22.7 | 16.4 | 12.5 | 7.0 | 4.7 | _ | 11.7 |
| Metalworking machinery manufacturing ..... | 22.9 | 12.2 | 8.5 | 7.7 | 1.1 | - | 14.0 |
| Metalworking machinery manufacturing | 22.9 | 12.2 | 8.5 | 7.7 | 1.1 | - | 14.0 |
| Industrial mold manufacturing ........... | 19.4 | 12.9 | 8.1 | 8.1 | - | - | 21.0 |
| Machine tool (metal cutting types) manufacturing | 9.7 | 12.9 | 6.5 | 9.7 | - | - | 16.1 |
| Machine tool (metal forming types) manufacturing $\qquad$ | 37.5 | - | 16.7 | 8.3 | - | - | 16.7 |
| Special die and tool, die set, jig, and fixture manufacturing | 29.4 | 12.9 | 9.4 | 9.4 | - | - | 10.6 |
| Cutting tool and machine tool accessory manufacturing | 7.5 | 20.0 | 5.0 | 7.5 | - | - | 17.5 |

See footnotes at end of table.

| Industry ${ }^{3}$ | NAICS code ${ }^{4}$ | Total cases | Percent of industry case total involving - |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  | Chemicals and chemical products | Containers | Furniture and fixtures | Machinery |
| Rolling mill machinery and equipment manufacturing $\qquad$ | 333516 | 90 | - | - | - | - |
| Other metalworking machinery manufacturing $\qquad$ | 333518 | 200 | - | - | - | 65.0 |
| Engine, turbine, and power transmission equipment manufacturing | 3336 | 1,170 | - | 12.0 | 1.7 | 10.3 |
| Engine, turbine, and power transmission equipment manufacturing | 33361 | 1,170 | - | 12.0 | 1.7 | 10.3 |
| Turbine and turbine generator set units manufacturing | 333611 | 150 | - | - | - | - |
| Speed changer, industrial high-speed drive, and gear manufacturing | 333612 | 240 | - | 12.5 | - | 12.5 |
| Mechanical power transmission equipment manufacturing | 333613 | 280 | - | 7.1 | - | 10.7 |
| Other engine equipment manufacturing $\qquad$ | 333618 | 490 | - | 16.3 | - | 10.2 |
| Other general purpose machinery manufacturing $\qquad$ | $\begin{array}{r} 3339 \\ 33391 \end{array}$ | $\begin{array}{r} 3,810 \\ 560 \end{array}$ | 2.9 | 8.18.9 | $\begin{aligned} & 2.1 \\ & 3.6 \end{aligned}$ | $\begin{aligned} & 12.9 \\ & 16.1 \end{aligned}$ |
| Pump and compressor manufacturing ... |  |  | 3.6 |  |  |  |
| manufacturing | 333911 | 280 | - | 14.3 | - | 14.3 |
| Air and gas compressor manufacturing | 333912 | 250 | - | - | 8.0 | 16.0 |
| Measuring and dispensing pump manufacturing $\qquad$ | 333913 | 30 | - | - | - | - |
| Material handling equipment manufacturing $\qquad$ | 33392 | 1,350 | 4.4 | 5.2 | - | 11.9 |
| Elevator and moving stairway manufacturing | 333921 | 150 | - | - | - | 20.0 |
| Conveyor and conveying equipment manufacturing $\qquad$ | 333922 | 440 | - | 6.8 | - | 15.9 |
| Overhead traveling crane, hoist, and monorail system manufacturing | 333923 | 280 | 17.9 | - | - | 7.1 |
| Industrial truck, tractor, trailer, and stacker machinery manufacturing .... | 333924 | 480 | - | 6.2 | - | 8.3 |
| All other general purpose machinery manufacturing | $\begin{array}{r} 33399 \\ 333991 \end{array}$ | $\begin{array}{r} 1,910 \\ 90 \end{array}$ | 1.0 | 9.9- | 2.1 | $\begin{aligned} & 13.1 \\ & 22.2 \end{aligned}$ |
| Power-driven handtool manufacturing |  |  |  |  |  |  |
| Welding and soldering equipment manufacturing | $\begin{aligned} & 333992 \\ & 333993 \end{aligned}$ | $\begin{aligned} & 160 \\ & 220 \end{aligned}$ | - | $\begin{array}{r} 31.2 \\ 9.1 \end{array}$ | - | 18.822.7 |
| Packaging machinery manufacturing Industrial process furnace and oven |  |  |  |  |  |  |
| manufacturing | 333994 | 110 | - | - | - | - |
| Fluid power cylinder and actuator manufacturing $\qquad$ | $\begin{aligned} & 333995 \\ & 333996 \end{aligned}$ | $\begin{aligned} & 290 \\ & 220 \end{aligned}$ |  | 10.39.1 | $-$ | 10.3 |
| Fluid power pump and motor manufacturing $\qquad$ |  |  |  |  |  | 13.6 |

See footnotes at end of table

| Industry ${ }^{3}$ | Percent of industry case total involving - |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Parts and materials | Worker motion or position | Floors, walkways, or ground surfaces | Handtools | Vehicles | Health care patient | All other sources ${ }^{5}$ |
| Rolling mill machinery and equipment manufacturing $\qquad$ | 55.6 | 22.2 | - | - | - | - | - |
| Other metalworking machinery manufacturing | 20.0 | - | - | - | - | - | - |
| Engine, turbine, and power transmission equipment manufacturing | 23.1 | 19.7 | 9.4 | 6.8 | 3.4 | - | 11.1 |
| Engine, turbine, and power transmission equipment manufacturing | 23.1 | 19.7 | 9.4 | 6.8 | 3.4 | - | 11.1 |
| Turbine and turbine generator set units manufacturing | 20.0 | 26.7 | 13.3 | - | - | - | 13.3 |
| Speed changer, industrial high-speed drive, and gear manufacturing .......... | 29.2 | 16.7 | 8.3 | - | - | - | 12.5 |
| Mechanical power transmission equipment manufacturing | 32.1 | 17.9 | 7.1 | 7.1 | - | - | 14.3 |
| Other engine equipment manufacturing | 16.3 | 20.4 | 12.2 | 6.1 | 6.1 | - | 8.2 |
| Other general purpose machinery manufacturing | 26.5 | 16.3 | 6.6 | 9.4 | 3.4 | - | 12.1 |
| Pump and compressor manufacturing ... | 21.4 | 16.1 | 7.1 | 8.9 | 3.6 | - | 8.9 |
| Pump and pumping equipment manufacturing | 21.4 | 14.3 | 7.1 | 7.1 | 7.1 | - | 10.7 |
| Air and gas compressor manufacturing $\qquad$ | 20.0 | 20.0 | 8.0 | 12.0 | - | - | 8.0 |
| Measuring and dispensing pump manufacturing | - | - | - | - | - | - | - |
| Material handling equipment manufacturing $\qquad$ | 29.6 | 18.5 | 6.7 | 6.7 | 4.4 | - | 11.9 |
| Elevator and moving stairway manufacturing | 26.7 | 13.3 | - | - | - | - | 20.0 |
| Conveyor and conveying equipment manufacturing $\qquad$ | 20.5 | 20.5 | 9.1 | 6.8 | - | - | 15.9 |
| Overhead traveling crane, hoist, and monorail system manufacturing | 28.6 | 14.3 | 7.1 | - | - | - | 10.7 |
| Industrial truck, tractor, trailer, and stacker machinery manufacturing .... | 37.5 | 20.8 | 6.2 | 8.3 | 4.2 | - | 8.3 |
| manufacturing ...................................... | 26.2 | 14.7 | 6.3 | 11.5 | 2.6 | - | 12.6 |
| Power-driven handtool manufacturing Welding and soldering equipment | 22.2 | - | - | - | - | - | - |
| manufacturing | 18.8 | 18.8 | - | - | - | - | 12.5 |
| Packaging machinery manufacturing | 18.2 | 9.1 | 9.1 | 22.7 | - | - | 9.1 |
| manufacturing | 18.2 | 18.2 | - | - | - | - | - |
| Fluid power cylinder and actuator manufacturing $\qquad$ | 27.6 | 10.3 | 6.9 | 10.3 | - | - | 20.7 |
| Fluid power pump and motor manufacturing $\qquad$ | 22.7 | 18.2 | 9.1 | 9.1 | - | - | 13.6 |

See footnotes at end of table.


[^0]| Industry ${ }^{3}$ | Percent of industry case total involving - |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Parts and materials | Worker motion or position | Floors, walkways, or ground surfaces | Handtools | Vehicles | Health care patient | All other sources ${ }^{5}$ |
| Scale and balance (except laboratory) manufacturing | 69.2 | - | - | 23.1 | - | - | - |
| All other miscellaneous general purpose machinery manufacturing ... | 25.0 | 16.2 | 5.9 | 13.2 | 4.4 | - | 16.2 |
| Computer and electronic product manufacturing $\qquad$ | 9.5 | 22.9 | 16.3 | 4.8 | 3.4 | - | 13.5 |
| Computer and peripheral equipment manufacturing | 7.8 | 19.6 | 25.5 | - | 7.8 | - | 7.8 |
| Computer and peripheral equipment manufacturing | 7.8 | 19.6 | 25.5 | - | 7.8 | - | 7.8 |
| Electronic computer manufacturing .... | 8.3 | 16.7 | 33.3 | - | 12.5 | - | 8.3 |
| Computer storage device manufacturing | - | 28.6 | 28.6 | - | - | - | - |
| Computer terminal manufacturing ...... | - | - | - | - | - | - | - |
| Other computer peripheral equipment manufacturing | - | 22.2 | 16.7 | - | - | - | 11.1 |
| Communications equipment manufacturing | 7.2 | 20.3 | 20.3 | 5.8 | - | - | 8.7 |
| Telephone apparatus manufacturing ...... Radio and television broadcasting and | - | 29.4 | - | - | - | - | 11.8 |
| Radio and television broadcasting and wireless communications equipment manufacturing $\qquad$ | 7.7 | 15.4 | 25.6 | 10.3 | - | - | 7.7 |
| Other communications equipment manufacturing $\qquad$ | - | 21.4 | 21.4 | - | - | - | - |
| Audio and video equipment manufacturing | - | 25.0 | 30.0 | - | - | - | - |
| Semiconductor and other electronic component manufacturing | 9.7 | 21.8 | 14.4 | 4.7 | 3.1 | - | 19.1 |
| Semiconductor and other electronic component manufacturing $\qquad$ | 9.7 | 21.8 | 14.4 | 4.7 | 3.1 | - | 19.1 |
| Electron tube manufacturing ............. | 30.8 | 23.1 | - | - | - | - | 15.4 |
| Bare printed circuit board manufacturing | 13.8 | 13.8 | 6.9 | - | - | - | 17.2 |
| Semiconductor and related device manufacturing $\qquad$ | 6.8 | 30.1 | 19.2 | - | 5.5 | _ | 12.3 |
| Electronic capacitor manufacturing .... | - | 20.0 | - | - | - | - | - |
| Electronic resistor manufacturing ....... | - | 33.3 | - | - | - | - | - |
| Electronic coil, transformer, and other inductor manufacturing | - | - | - | - | - | - | 70.8 |
| Electronic connector manufacturing ... | 11.1 | 11.1 | 27.8 | - | - | - | - |
| Printed circuit assembly (electronic assembly) manufacturing | 9.4 | 18.8 | 21.9 | 6.2 | 6.2 | - | 15.6 |
| Other electronic component manufacturing $\qquad$ | 7.7 | 25.0 | 9.6 | 11.5 | - | - | 15.4 |
| Navigational, measuring, electromedical, and control instruments manufacturing | 10.9 | 26.2 | 14.4 | 5.4 | 3.0 | - | 9.9 |
| Navigational, measuring, electromedical, and control instruments manufacturing | 10.9 | 26.2 | 14.4 | 5.4 | 3.0 | - | 9.9 |
| Electromedical and electrotherapeutic apparatus manufacturing | 8.3 | 20.8 | 20.8 | 8.3 | - | - | 12.5 |

See footnotes at end of table.

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| :---: | :---: | :---: | :---: | :---: | :---: | :---: |

See footnotes at end of table.

TABLE B3. Percent distribution of nonfatal occupational injuries and illnesses involving days away from work ${ }^{1}$ by industry and selected sources of injury or iliness², 2006 - Continued

| Industry ${ }^{3}$ | Percent of industry case total involving - |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Parts and materials | Worker motion or position | Floors, walkways, or ground surfaces | Handtools | Vehicles | Health care patient | All other sources ${ }^{5}$ |
| Search, detection, navigation, guidance, aeronautical, and nautical system and instrument manufacturing $\qquad$ | 5.8 | 30.8 | 17.3 | - | 3.8 | - | 13.5 |
| Automatic environmental control manufacturing for residential, commercial, and appliance use Instruments and related products manufacturing for measuring, displaying, and controlling industrial process variables $\qquad$ | 22.7 15.6 | 13.6 21.9 | 9.1 15.6 | 9.1 | - - | - | 9.4 |
| Totalizing fluid meter and counting device manufacturing | - | 25.0 | - | - | - | - | - |
| Instrument manufacturing for measuring and testing electricity and electrical signals $\qquad$ | 10.0 | 55.0 | 10.0 | - | - | - | 10.0 |
| Analytical laboratory instrument manufacturing $\qquad$ | 12.5 | 25.0 | 12.5 | 12.5 | - | - | - |
| Irradiation apparatus manufacturing ... | - | 25.0 | - | - | - | - | - |
| Watch, clock, and part manufacturing | - | - | - | - | - | - | - |
| Other measuring and controlling device manufacturing | - | 11.8 | - | 17.6 | - | - | - |
| Manufacturing and reproducing magnetic and optical media $\qquad$ | - | 18.2 | 13.6 | - | - | - | 18.2 |
| Manufacturing and reproducing magnetic and optical media | - | 18.2 | 13.6 | - | - | - | 18.2 |
| Software reproducing .................... | - | - | - | - | - | - | 60.0 |
| Prerecorded compact disc (except software), tape, and record reproducing $\qquad$ | - | 21.4 | 21.4 | - | - | - | - |
| Electrical equipment, appliance, and component manufacturing | 16.6 | 20.0 | 11.3 | 5.0 | 3.4 | - | 12.7 |
| Electric lighting equipment manufacturing .. Electric lamp bulb and part | 15.3 | 15.3 | 13.6 | 5.1 | 3.4 | - | 13.6 |
| manufacturing | - | 23.1 | 23.1 | - | - | - | - |
| Lighting fixture manufacturing .............. | 17.4 | 15.2 | 13.0 | 4.3 | 4.3 | - | 15.2 |
| Residential electric lighting fixture manufacturing | 13.3 | - | - | - | - | - | 26.7 |
| Commercial, industrial, and institutional electric lighting fixture manufacturing $\qquad$ | 17.4 | 13.0 | 17.4 | 8.7 | 8.7 | - | 13.0 |
| Other lighting equipment manufacturing | 25.0 | 25.0 | - | - | - | - | - |
| Household appliance manufacturing | 13.8 | 24.6 | 13.8 | - | 6.2 | - | 7.7 |
| Small electrical appliance manufacturing Electric housewares and household | - | 26.3 | 15.8 | - | - | - | - |
| fan manufacturing | - | 25.0 | 16.7 | - | - | - | - |

See footnotes at end of table.

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| :---: | :---: | :---: | :---: | :---: | :---: | :---: |

See footnotes at end of table.

| Industry ${ }^{3}$ | Percent of industry case total involving - |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Parts and materials | Worker motion or position | Floors, walkways, or ground surfaces | Handtools | Vehicles | Health care patient | All other sources ${ }^{5}$ |
| Household vacuum cleaner manufacturing | - | 28.6 | - | - | - | - | - |
| Major appliance manufacturing ............ | 15.2 | 21.7 | 13.0 | - | 6.5 | - | 8.7 |
| Household cooking appliance manufacturing $\qquad$ | 22.2 | 16.7 | 11.1 | - | - | - | 11.1 |
| Other major household appliance manufacturing | 20.0 | 20.0 | - | - | - | - | - |
| Electrical equipment manufacturing .......... | 21.2 | 20.6 | 12.5 | 6.2 | 2.5 | - | 11.9 |
| Electrical equipment manufacturing ...... | 21.2 | 20.6 | 12.5 | 6.2 | 2.5 | - | 11.9 |
| Power, distribution, and specialty transformer manufacturing | 24.1 | 11.1 | 11.1 | 13.0 | - | - | 14.8 |
| Motor and generator manufacturing ... Switchgear and switchboard | 20.5 | 20.5 | 13.6 | 4.5 | 4.5 | - | 11.4 |
| apparatus manufacturing $\qquad$ <br> Relay and industrial control | 23.3 | 30.0 | 6.7 | - | - | - | 13.3 |
| manufacturing | 12.5 | 28.1 | 18.8 | - | - | - | 6.2 |
| Other electrical equipment and component manufacturing $\qquad$ | 14.0 | 19.1 | 7.6 | 5.1 | 3.2 | - | 15.3 |
| Battery manufacturing ......................... | 10.5 | 15.8 | 7.9 | - | - | - | 39.5 |
| Communication and energy wire and cable manufacturing $\qquad$ | 16.7 | 12.5 | - | - | - | - | - |
| Fiber optic cable manufacturing ......... | - | - | - | - | - | - | - |
| Other communication and energy wire manufacturing | 15.8 | 10.5 | - | - | - | - | - |
| Wiring device manufacturing ................ | 14.1 | 21.1 | 8.5 | 5.6 | 2.8 | - | 8.5 |
| Current-carrying wiring device manufacturing | 16.0 | 22.0 | 8.0 | 6.0 | 4.0 | - | 6.0 |
| Noncurrent-carrying wiring device manufacturing | 9.5 | 19.0 | - | - | - | - | 9.5 |
| All other electrical equipment and component manufacturing | 16.7 | 25.0 | 8.3 | 12.5 | - | - | - |
| Carbon and graphite product manufacturing | - | - | - | - | - | - | - |
| All other miscellaneous electrical equipment and component manufacturing $\qquad$ | 15.8 | 26.3 | 10.5 | 10.5 | - | - | - |
| Transportation equipment manufacturing ....... | 21.5 | 24.6 | 11.6 | 6.1 | 5.7 | - | 11.8 |
| Motor vehicle manufacturing .................... | 20.5 | 32.9 | 8.1 | 4.5 | 7.1 | - | 10.2 |
| Automobile and light duty motor vehicle manufacturing | 17.0 | 35.0 | 8.2 | 3.8 | 7.3 | - | 11.7 |
| Automobile manufacturing ................ Light truck and utility vehicle | 17.8 | 35.7 | 7.5 | 3.3 | 8.5 | - | 10.3 |
| manufacturing | 16.3 | 32.7 | 8.7 | 4.8 | 4.8 | - | 14.4 |
| Heavy duty truck manufacturing ............ | 30.1 | 26.2 | 8.7 | 6.8 | 5.8 | - | 5.8 |
| Motor vehicle body and trailer manufacturing | 29.8 | 15.2 | 11.4 | 10.2 | 6.0 | - | 13.6 |
| Motor vehicle body and trailer manufacturing | 29.8 | 15.2 | 11.4 | 10.2 | 6.0 | - | 13.6 |

See footnotes at end of table.

| Industry ${ }^{3}$ | NAICS code ${ }^{4}$ | Total cases | Percent of industry case total involving - |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  | Chemicals and chemical products | Containers | Furniture and fixtures | Machinery |
| Motor vehicle body manufacturing | 336211 | 1,540 | - | 3.9 | 2.6 | 5.8 |
| Truck trailer manufacturing ................ | 336212 | 1,030 | - | 3.9 | 1.9 | 7.8 |
| Motor home manufacturing .............. | 336213 | 500 | - | 8.0 | 4.0 | 4.0 |
| Travel trailer and camper manufacturing | 336214 | 1,130 | 1.8 | 3.5 | 3.5 | 5.3 |
| Motor vehicle parts manufacturing ............ | 3363 | 9,760 | 1.5 | 10.9 | 2.5 | 10.3 |
| Motor vehicle gasoline engine and engine parts manufacturing | 33631 | 910 | 2.2 | 7.7 | - | 8.8 |
| Carburetor, piston, piston ring, and valve manufacturing | 336311 | 140 | - | - | - | 14.3 |
| Gasoline engine and engine parts manufacturing | 336312 | 770 | - | 7.8 | - | 7.8 |
| Motor vehicle electrical and electronic equipment manufacturing | 33632 | 920 | - | 9.8 | 2.2 | 9.8 |
| Vehicular lighting equipment manufacturing | 336321 | 260 | - | 11.5 | - | 7.7 |
| Other motor vehicle electrical and electronic equipment manufacturing | 336322 | 660 | - | 9.1 | - | 10.6 |
| Motor vehicle steering and suspension components (except spring) manufacturing $\qquad$ | 33633 | 640 | - | 9.4 | 3.1 | 6.2 |
| Motor vehicle brake system manufacturing $\qquad$ | 33634 | 540 | - | 11.1 | 3.7 | 9.3 |
| Motor vehicle transmission and power train parts manufacturing | 33635 | 1,640 | 1.2 | 9.1 | 1.8 | 9.1 |
| Motor vehicle seating and interior trim manufacturing | 33636 | 910 | - | 12.1 | 5.5 | 7.7 |
| Motor vehicle metal stamping ............. | 33637 | 1,860 | 2.2 | 11.8 | 1.6 | 14.0 |
| Other motor vehicle parts manufacturing Motor vehicle air-conditioning | 33639 | 2,340 | . 9 | 12.4 | 2.6 | 11.5 |
| manufacturing | 336391 | 170 | - | 17.6 | - | - |
| All other motor vehicle parts manufacturing $\qquad$ | 336399 | 2,170 | . 9 | 12.0 | 2.3 | 12.4 |
| Aerospace product and parts manufacturing | 3364 | 4,340 | 1.8 | 5.8 | 2.5 | 6.2 |
| Aerospace product and parts manufacturing | 33641 | 4,340 | 1.8 | 5.8 | 2.5 | 6.2 |
| Aircraft manufacturing ..................... | 336411 | 2,250 | - | 3.6 | 1.3 | 6.2 |
| Aircraft engine and engine parts manufacturing | 336412 | 740 | - | 9.5 | 4.1 | 8.1 |
| Other aircraft parts and auxiliary equipment manufacturing | 336413 | 1,110 | 4.5 | 5.4 | 2.7 | 5.4 |
| Guided missile and space vehicle manufacturing $\qquad$ | 336414 | 150 | - | 20.0 | - | - |
| Guided missile and space vehicle propulsion unit and propulsion unit parts manufacturing .......................... | 336415 | 60 | - | - | - | - |

See footnotes at end of table

TABLE B3. Percent distribution of nonfatal occupational injuries and illnesses involving days away from work ${ }^{1}$ by industry and selected sources of injury or illness², 2006 - Continued

| Industry ${ }^{3}$ | Percent of industry case total involving - |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Parts and materials | Worker motion or position | Floors, walkways, or ground surfaces | Handtools | Vehicles | Health care patient | All other sources ${ }^{5}$ |
| Motor vehicle body manufacturing ..... | 33.8 | 13.0 | 10.4 | 9.7 | 6.5 | - | 13.0 |
| Truck trailer manufacturing ................ | 32.0 | 13.6 | 7.8 | 13.6 | 5.8 | - | 14.6 |
| Motor home manufacturing ............... | 18.0 | 26.0 | 16.0 | 8.0 | 6.0 | - | 10.0 |
| Travel trailer and camper manufacturing | 28.3 | 15.0 | 14.2 | 8.8 | 6.2 | - | 14.2 |
| Motor vehicle parts manufacturing ............ | 19.6 | 23.5 | 11.3 | 4.5 | 5.4 | - | 10.6 |
| Motor vehicle gasoline engine and engine parts manufacturing | 17.6 | 28.6 | 9.9 | 5.5 | 5.5 | - | 11.0 |
| Carburetor, piston, piston ring, and valve manufacturing | 14.3 | 28.6 | - | - | - | - | - |
| Gasoline engine and engine parts manufacturing | 16.9 | 29.9 | 10.4 | 6.5 | 5.2 | - | 13.0 |
| Motor vehicle electrical and electronic equipment manufacturing | 16.3 | 35.9 | 13.0 | 3.3 | 4.3 | - | 6.5 |
| Vehicular lighting equipment manufacturing | 19.2 | 30.8 | 11.5 | - | 7.7 | - | 7.7 |
| Other motor vehicle electrical and electronic equipment manufacturing | 15.2 | 37.9 | 12.1 | 3.0 | 3.0 | - | 6.1 |
| Motor vehicle steering and suspension components (except spring) manufacturing $\qquad$ | 21.9 | 21.9 | 15.6 | 4.7 | 6.2 | - | 9.4 |
| Motor vehicle brake system manufacturing $\qquad$ | 24.1 | 20.4 | 5.6 | 3.7 | 7.4 | - | 14.8 |
| Motor vehicle transmission and power train parts manufacturing $\qquad$ | 22.6 | 22.6 | 12.8 | 4.9 | 4.3 | - | 11.0 |
| Motor vehicle seating and interior trim manufacturing $\qquad$ | 16.5 | 29.7 | 9.9 | 5.5 | 3.3 | - | 8.8 |
| Motor vehicle metal stamping ............... | 18.3 | 16.1 | 11.3 | 2.7 | 7.0 | - | 15.6 |
| Other motor vehicle parts manufacturing Motor vehicle air-conditioning | 20.5 | 21.8 | 10.7 | 6.4 | 6.0 | - | 7.3 |
| manufacturing | 17.6 | 23.5 | 23.5 | - | - | - | - |
| All other motor vehicle parts manufacturing | 20.7 | 21.7 | 9.7 | 6.5 | 6.0 | - | 7.4 |
| Aerospace product and parts manufacturing | 18.4 | 30.4 | 12.0 | 8.1 | 5.1 | - | 9.7 |
| Aerospace product and parts manufacturing | 18.4 | 30.4 | 12.0 | 8.1 | 5.1 | - | 9.7 |
| Aircraft manufacturing ..................... | 14.2 | 37.3 | 11.1 | 9.8 | 7.6 | - | 8.9 |
| Aircraft engine and engine parts manufacturing | 25.7 | 17.6 | 10.8 | 8.1 | 4.1 | - | 9.5 |
| Other aircraft parts and auxiliary equipment manufacturing | 23.4 | 25.2 | 13.5 | 6.3 | 1.8 | - | 12.6 |
| Guided missile and space vehicle manufacturing $\qquad$ | - | 26.7 | 20.0 | - | - | - | - |
| Guided missile and space vehicle propulsion unit and propulsion unit parts manufacturing $\qquad$ | - | 33.3 | - | - | - | - | - |

See footnotes at end of table.

| Industry ${ }^{3}$ | NAICS code ${ }^{4}$ | Total cases | Percent of industry case total involving - |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  | Chemicals and chemical products | Containers | Furniture and fixtures | Machinery |
| Other guided missile and space vehicle parts and auxiliary equipment manufacturing $\qquad$ | 336419 | 30 | - | - | - | - |
| Railroad rolling stock manufacturing ......... | 3365 | 380 | - | - | - | 13.2 |
| Ship and boat building ............................. | 3366 | 4,460 | 2.2 | 4.3 | 1.3 | 5.6 |
| Ship and boat building ......................... | 33661 | 4,460 | 2.2 | 4.3 | 1.3 | 5.6 |
| Ship building and repairing ................ | 336611 | 3,180 | 1.3 | 4.1 | 1.3 | 4.4 |
| Boat building .................................. | 336612 | 1,280 | 4.7 | 4.7 | 1.6 | 8.6 |
| Other transportation equipment manufacturing | 3369 | 720 | 2.8 | 6.9 | - | 5.6 |
| Other transportation equipment manufacturing $\qquad$ | 33699 | 720 | 2.8 | 6.9 | - | 5.6 |
| Motorcycle, bicycle, and parts manufacturing $\qquad$ | 336991 | 310 | - | 6.5 | - | - |
| All other transportation equipment manufacturing | 336999 | 220 | - | 9.1 | - | - |
| Furniture and related product manufacturing | 337 | 9,690 | 1.1 | 6.5 | 18.1 | 16.7 |
| Household and institutional furniture and kitchen cabinet manufacturing | 3371 | 6,570 | 1.2 | 5.3 | 21.3 | 17.5 |
| Wood kitchen cabinet and countertop manufacturing $\qquad$ | 33711 | 3,770 | 1.3 | 2.4 | 28.4 | 17.0 |
| manufacturing | 33712 | 2,790 | 1.1 | 9.3 | 11.8 | 18.3 |
| Upholstered household furniture manufacturing | 337121 | 910 | - | 7.7 | 17.6 | 6.6 |
| Nonupholstered wood household furniture manufacturing | 337122 | 1,080 | - | 11.1 | 9.3 | 24.1 |
| Metal household furniture manufacturing | 337124 | 140 | - | - | 21.4 | 28.6 |
| Household furniture (except wood and metal) manufacturing | 337125 | 140 | - | 21.4 | - | 14.3 |
| Institutional furniture manufacturing | 337127 | 420 | 4.8 | 7.1 | 7.1 | 11.9 |
| Office furniture (including fixtures) manufacturing | 3372 | 2,410 | 1.2 | 6.2 | 10.0 | 16.6 |
| Office furniture (including fixtures) manufacturing $\qquad$ | 33721 | 2,410 | 1.2 | 6.2 | 10.0 | 16.6 |
| Wood office furniture manufacturing .. | 337211 | 430 | - | 9.3 | 18.6 | 11.6 |
| Custom architectural woodwork and millwork manufacturing | 337212 | 520 | - | 3.8 | 11.5 | 21.2 |
| Office furniture (except wood) manufacturing $\qquad$ | 337214 | 240 | - | - | 12.5 | 12.5 |
| Showcase, partition, shelving, and locker manufacturing | 337215 | 1,220 | 1.6 | 6.6 | 5.7 | 17.2 |
| Other furniture related product manufacturing $\qquad$ | 3379 | 710 | - | 19.7 | 15.5 | 9.9 |
| Mattress manufacturing ......................... | 33791 | 510 | _ | 15.7 | 19.6 | 9.8 |
| Blind and shade manufacturing ............. | 33792 | 210 | - | 28.6 | - | 9.5 |
| Miscellaneous manufacturing ...................... | 339 | 6,120 | 2.1 | 10.9 | 5.1 | 10.8 |

See footnotes at end of table.

| Industry ${ }^{3}$ | Percent of industry case total involving - |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Parts and materials | Worker motion or position | Floors, walkways, or ground surfaces | Handtools | Vehicles | Health care patient | All other sources ${ }^{5}$ |
| Other guided missile and space vehicle parts and auxiliary equipment manufacturing $\qquad$ | - | - | - | - | - | - | - |
| Railroad rolling stock manufacturing ......... | 21.1 | 15.8 | 13.2 | 7.9 | 7.9 | - | 13.2 |
| Ship and boat building ............................ | 21.7 | 23.5 | 16.4 | 4.7 | 4.3 | - | 15.9 |
| Ship and boat building ......................... | 21.7 | 23.5 | 16.4 | 4.7 | 4.3 | - | 15.9 |
| Ship building and repairing ............... | 24.2 | 25.5 | 16.4 | 3.8 | 1.9 | - | 17.3 |
| Boat building ................................. | 15.6 | 18.8 | 16.4 | 7.0 | 9.4 | - | 13.3 |
| Other transportation equipment manufacturing | 25.0 | 23.6 | 5.6 | 8.3 | 11.1 | - | 11.1 |
| Other transportation equipment manufacturing | 25.0 | 23.6 | 5.6 | 8.3 | 11.1 | - | 11.1 |
| Motorcycle, bicycle, and parts manufacturing $\qquad$ | 16.1 | 35.5 | - | 9.7 | 12.9 | - | 9.7 |
| manufacturing | 27.3 | 18.2 | 9.1 | 9.1 | 9.1 | - | 9.1 |
| Furniture and related product manufacturing | 17.4 | 12.2 | 8.5 | 6.2 | 5.7 | - | 7.6 |
| Household and institutional furniture and kitchen cabinet manufacturing | 16.4 | 12.0 | 8.5 | 6.4 | 5.0 | - | 6.2 |
| Wood kitchen cabinet and countertop manufacturing | 17.8 | 9.8 | 6.1 | 5.8 | 5.0 | - | 6.6 |
| Household and institutional furniture manufacturing | 14.7 | 15.1 | 11.8 | 7.2 | 5.0 | - | 5.7 |
| Upholstered household furniture manufacturing | 7.7 | 26.4 | 14.3 | 5.5 | 6.6 | - | 5.5 |
| Nonupholstered wood household furniture manufacturing $\qquad$ | 14.8 | 9.3 | 12.0 | 7.4 | 5.6 | - | 5.6 |
| Metal household furniture manufacturing | - | 14.3 | - | - | - | - | - |
| Household furniture (except wood and metal) manufacturing | 14.3 | - | 21.4 | - | - | - | - |
| Institutional furniture manufacturing <br> Office furniture (including fixtures) | 28.6 | 14.3 | 4.8 | 9.5 | - | - | 7.1 |
| manufacturing | 21.2 | 13.3 | 7.1 | 5.8 | 7.5 | - | 11.6 |
| Office furniture (including fixtures) manufacturing $\qquad$ | 21.2 | 13.3 | 7.1 | 5.8 | 7.5 | - | 11.6 |
| Wood office furniture manufacturing .. | 16.3 | 16.3 | 9.3 | - | 7.0 | - | 7.0 |
| Custom architectural woodwork and millwork manufacturing | 13.5 | 5.8 | 7.7 | - | 13.5 | - | 21.2 |
| Office furniture (except wood) manufacturing $\qquad$ | 25.0 | 25.0 | - | - | 8.3 | - | - |
| Showcase, partition, shelving, and locker manufacturing | 25.4 | 13.1 | 7.4 | 8.2 | 4.9 | - | 10.7 |
| Other furniture related product manufacturing $\qquad$ | 14.1 | 9.9 | 12.7 | 5.6 | 5.6 | - | 7.0 |
| Mattress manufacturing ....................... | 13.7 | 7.8 | 13.7 | 5.9 | 5.9 | - | 5.9 |
| Blind and shade manufacturing ............. | 14.3 | 14.3 | 9.5 | - | - | - | 9.5 |
| Miscellaneous manufacturing ...................... | 14.9 | 20.3 | 11.8 | 5.6 | 3.1 | - | 15.8 |

See footnotes at end of table.

| Industry ${ }^{3}$ | NAICS code ${ }^{4}$ | Total cases | Percent of industry case total involving - |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  | Chemicals and chemical products | Containers | Furniture and fixtures | Machinery |
| Medical equipment and supplies manufacturing | 3391 | 2,220 | 2.3 | 12.6 | 6.8 | 13.1 |
| Medical equipment and supplies manufacturing | 33911 | 2,220 | 2.3 | 12.6 | 6.8 | 13.1 |
| Laboratory apparatus and furniture manufacturing | 339111 | 110 | - | - | - | - |
| Surgical and medical instrument manufacturing | 339112 | 750 | - | 13.3 | 14.7 | 10.7 |
| Surgical appliance and supplies manufacturing $\qquad$ | 339113 | 760 | - | 17.1 | 2.6 | 14.5 |
| Dental equipment and supplies manufacturing | 339114 | 110 | - | - | - | - |
| Ophthalmic goods manufacturing ....... | 339115 | 250 | - | 12.0 | - | 24.0 |
| Dental laboratories .......................... | 339116 | 240 | - | - | - | - |
| Other miscellaneous manufacturing .......... | 3399 | 3,900 | 1.8 | 10.0 | 4.1 | 9.5 |
| Jewelry and silverware manufacturing ... Jewelry (except costume) | 33991 339911 | 310 190 | - | 6.5 | - | 6.5 |
| manufacturing Silverware and hollowware | 339911 | 190 | - | - | - | - |
| manufacturing | 339912 | 20 | - | - | - | - |
| Jewelers' material and lapidary work manufacturing $\qquad$ | 339913 | 40 | - | - | - | - |
| Costume jewelry and novelty manufacturing | 339914 | 60 | - | - | - | - |
| Sporting and athletic goods manufacturing $\qquad$ | 33992 | 690 | - | 13.0 | 2.9 | 8.7 |
| Doll, toy, and game manufacturing ........ | 33993 | 130 | - | - | - | 15.4 |
| Office supplies (except paper) manufacturing $\qquad$ | 33994 | 270 | - | 14.8 | - | 7.4 |
| Pen and mechanical pencil manufacturing | 339941 | 60 | - | - | - | - |
| Lead pencil and art good manufacturing | 339942 | 70 | - | - | - | - |
| Marking device manufacturing .......... | 339943 | 80 | - | - | - | - |
| Carbon paper and inked ribbon manufacturing | 339944 | 50 | - | - | - | - |
| Sign manufacturing ............................ | 33995 | 1,060 | - | 3.8 | 7.5 | 6.6 |
| All other miscellaneous manufacturing ... | 33999 | 1,450 | 2.8 | 13.1 | 2.8 | 13.1 |
| Gasket, packing, and sealing device manufacturing | 339991 | 360 | 5.6 | 8.3 | - | 19.4 |
| Musical instrument manufacturing ...... Fastener, button, needle, and pin | 339992 | 200 | - | 15.0 | - | 10.0 |
| Fastener, button, needle, and pin manufacturing | 339993 | 70 | - | - | - | - |
| Broom, brush, and mop manufacturing | 339994 | 100 | - | - | - | 20.0 |
| Burial casket manufacturing .............. | 339995 | 80 | - | - | - | - |
| All other miscellaneous manufacturing | 339999 | 650 | - | 15.4 | 4.6 | 7.7 |

See footnotes at end of table

TABLE B3. Percent distribution of nonfatal occupational injuries and illnesses involving days away from work ${ }^{1}$ by industry and selected sources of injury or iilness², 2006 - Continued

| Industry ${ }^{3}$ | Percent of industry case total involving - |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Parts and materials | Worker motion or position | Floors, walkways, or ground surfaces | Handtools | Vehicles | Health care patient | All other sources ${ }^{5}$ |
| Medical equipment and supplies manufacturing $\qquad$ | 8.1 | 23.4 | 9.9 | 3.2 | 3.6 | - | 16.7 |
| Medical equipment and supplies manufacturing $\qquad$ | 8.1 | 23.4 | 9.9 | 3.2 | 3.6 | - | 16.7 |
| Laboratory apparatus and furniture manufacturing $\qquad$ | 18.2 | 18.2 | - | - | - | - | - |
| Surgical and medical instrument manufacturing | 4.0 | 24.0 | 14.7 | 2.7 | 2.7 | - | 10.7 |
| Surgical appliance and supplies manufacturing | 9.2 | 25.0 | 7.9 | 5.3 | 2.6 | - | 13.2 |
| Dental equipment and supplies manufacturing | - | 36.4 | - | - | - | - | 18.2 |
| Ophthalmic goods manufacturing ....... | 20.0 | 24.0 | 8.0 | - | - | - | - |
| Dental laboratories .......................... | - | - | - | - | - | - | 62.5 |
| Other miscellaneous manufacturing .......... | 18.5 | 18.5 | 12.8 | 6.9 | 3.1 | - | 15.4 |
| Jewelry and silverware manufacturing ... Jewelry (except costume) | 6.5 | 35.5 | 9.7 | 12.9 | - | - | 19.4 |
| manufacturing | 10.5 | 31.6 | 10.5 | 10.5 | - | - | 21.1 |
| Silverware and hollowware manufacturing | - | - | - | - | - | - | - |
| Jewelers' material and lapidary work manufacturing $\qquad$ | - | 50.0 | - | - | - | - | - |
| Costume jewelry and novelty manufacturing | - | - | - | - | - | - | 33.3 |
| Sporting and athletic goods manufacturing $\qquad$ | 18.8 | 17.4 | 10.1 | 2.9 | 2.9 | - | 24.6 |
| Doll, toy, and game manufacturing ........ | - | 30.8 | 23.1 | - | - | - | - |
| Office supplies (except paper) manufacturing | 11.1 | 25.9 | 11.1 | 7.4 | - | - | 14.8 |
| Pen and mechanical pencil manufacturing | - | 33.3 | - | - | - | - | - |
| Lead pencil and art good manufacturing | 28.6 | 28.6 | - | - | - | - | - |
| Marking device manufacturing .......... | - | - | - | - | - | - | - |
| Carbon paper and inked ribbon manufacturing | - | - 7 | - | - 7 | - | - | 60.0 |
| Sign manufacturing ............................ | 32.1 | 7.5 | 13.2 | 7.5 | 3.8 | - | 16.0 |
| All other miscellaneous manufacturing ... Gasket, packing, and sealing device | 13.8 | 21.4 | 13.8 | 6.9 | 2.8 | - | 10.3 |
| manufacturing | 16.7 | 25.0 | 13.9 | - | - | - | - |
| Musical instrument manufacturing ...... Fastener, button, needle, and pin | 20.0 | 25.0 | - | 10.0 | - | - | 10.0 |
| manufacturing | - | - | - | - | - | - | - |
| Broom, brush, and mop manufacturing | - | - | 30.0 | - | - | - | - |
| Burial casket manufacturing .............. | - | 25.0 | 37.5 | - | - | - | - |
| All other miscellaneous manufacturing | 9.2 | 20.0 | 13.8 | 7.7 | 4.6 | - | 13.8 |

See footnotes at end of table.

TABLE B3. Percent distribution of nonfatal occupational injuries and illnesses involving days away from work ${ }^{1}$ by industry and selected sources of injury or iliness ${ }^{2}$, 2006 - Continued

| Industry ${ }^{3}$ | NAICS code ${ }^{4}$ | Total cases | Percent of industry case total involving - |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  | Chemicals and chemical products | Containers | Furniture and fixtures | Machinery |
| Service providing ......................... |  | 803,060 | 1.6 | 14.3 | 4.6 | 4.8 |
| Trade, transportation, and utilities ${ }^{9} \ldots$. |  | 354,510 | 1.3 | 20.6 | 4.0 | 5.0 |
| Wholesale trade .................................... | 42 | 75,700 | 1.6 | 19.7 | 1.9 | 5.5 |
| Merchant wholesalers, durable goods ........... | 423 | 34,860 | 1.3 | 12.1 | 2.2 | 5.6 |
| Motor vehicle and motor vehicle parts and supplies merchant wholesalers | 4231 | 4,790 | 1.9 | 6.3 | 4.0 | 2.5 |
| Furniture and home furnishing merchant wholesalers | 4232 | 1,440 | 1.4 | 22.2 | 7.6 | 4.9 |
| Lumber and other construction materials merchant wholesalers | 4233 | 5,280 | - | 6.6 | 1.7 | 2.7 |
| Professional and commercial equipment and supplies merchant wholesalers | 4234 | 3,930 | . 8 | 17.8 | 1.8 | 11.5 |
| Metal and mineral (except petroleum) merchant wholesalers | 4235 | 2,150 | - | 8.4 | 1.9 | 10.7 |
| Electrical goods merchant wholesalers Hardware, and plumbing and heating | 4236 | 2,210 | - | 24.4 | - | 7.7 |
| equipment and supplies merchant wholesalers | 4237 | 3,140 | - | 11.1 | 1.0 | 4.1 |
| Machinery, equipment, and supplies merchant wholesalers | 4238 | 9,250 | 2.6 | 10.3 | 1.9 | 4.3 |
| Miscellaneous durable goods merchant wholesalers | 4239 | 2,660 | 1.5 | 19.5 | . 8 | 9.0 |
| Merchant wholesalers, nondurable goods ...... | 424 | 37,340 | 2.0 | 27.4 | 1.5 | 5.8 |
| Paper and paper product merchant wholesalers | 4241 | 2,410 | 4.6 | 28.2 | . 8 | 8.3 |
| Drugs and druggists' sundries merchant wholesalers $\qquad$ | 4242 | 1,840 | - | 26.1 | 2.7 | 4.3 |
| Apparel, piece goods, and notions merchant wholesalers | 4243 | 1,160 | - | 40.5 | 3.4 | 6.0 |
| Grocery and related product merchant wholesalers $\qquad$ | 4244 | 15,950 | . 8 | 30.1 | 1.9 | 7.1 |
| Farm product raw material merchant wholesalers $\qquad$ | 4245 | 1,220 | - | 8.2 | - | 6.6 |
| Chemical and allied products merchant wholesalers $\qquad$ | 4246 | 1,740 | 6.3 | 13.8 | - | 5.2 |
| Beer, wine, and distilled alcoholic beverage merchant wholesalers | 4248 | 4,330 | - | 41.1 | 1.2 | 2.5 |
| Miscellaneous nondurable goods merchant wholesalers | 4249 | 6,120 | . 8 | 22.2 | . 8 | 5.9 |
| Wholesale electronic markets and agents and brokers | 425 | 3,510 | 1.4 | 13.1 | 4.8 | 1.7 |
| Retail trade .......................................... | 44-45 | 162,800 | 1.3 | 20.9 | 6.3 | 6.3 |

See footnotes at end of table.

TABLE B3. Percent distribution of nonfatal occupational injuries and illnesses involving days away from work ${ }^{1}$ by industry and selected sources of injury or iliness², 2006 - Continued

| Industry ${ }^{3}$ | Percent of industry case total involving - |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Parts and materials | Worker motion or position | Floors, walkways, or ground surfaces | Handtools | Vehicles | Health care patient | All other sources ${ }^{5}$ |
| Service providing .......................... | 6.3 | 13.4 | 19.6 | 3.8 | 10.0 | 6.6 | 15.2 |
| Trade, transportation, and utilities ${ }^{9} \ldots$. | 9.4 | 13.6 | 16.7 | 3.7 | 13.7 | ( ${ }^{10}$ ) | 11.9 |
| Wholesale trade ................................... | 12.7 | 15.7 | 13.6 | 4.1 | 14.0 | - | 11.0 |
| Merchant wholesalers, durable goods ........... | 20.9 | 15.0 | 12.9 | 6.1 | 11.3 | - | 12.8 |
| Motor vehicle and motor vehicle parts and supplies merchant wholesalers | 29.0 | 21.9 | 12.3 | 5.8 | 5.8 | - | 10.6 |
| Furniture and home furnishing merchant wholesalers | 4.9 | 10.4 | 9.7 | 2.1 | 20.8 | - | 15.3 |
| Lumber and other construction materials merchant wholesalers | 23.3 | 12.7 | 14.4 | 5.3 | 10.0 | - | 23.5 |
| Professional and commercial equipment and supplies merchant wholesalers | 5.9 | 16.0 | 11.5 | 9.9 | 14.5 | - | 10.4 |
| Metal and mineral (except petroleum) merchant wholesalers | 40.9 | 11.6 | 10.7 | 1.9 | 3.3 | _ | 10.2 |
| Electrical goods merchant wholesalers Hardware, and plumbing and heating | 20.4 | 12.2 | 23.1 | 1.4 | 7.2 | - | 3.2 |
| wholesalers | 16.2 | 18.5 | 17.5 | 4.5 | 22.6 | - | 4.8 |
| Machinery, equipment, and supplies merchant wholesalers | 22.9 | 13.9 | 11.7 | 6.1 | 12.1 | - | 14.2 |
| Miscellaneous durable goods merchant wholesalers | 14.7 | 12.4 | 7.5 | 14.3 | 7.5 | - | 12.4 |
| Merchant wholesalers, nondurable goods ...... | 5.1 | 16.0 | 14.6 | 2.2 | 16.1 | - | 9.3 |
| Paper and paper product merchant wholesalers | 1.7 | 19.9 | 12.9 | 3.3 | 14.9 | - | 5.8 |
| Drugs and druggists' sundries merchant wholesalers | 1.1 | 17.4 | 19.6 | 3.3 | 19.6 | - | 6.5 |
| Apparel, piece goods, and notions merchant wholesalers | - | 14.7 | 12.9 | 1.7 | 3.4 | - | 16.4 |
| Grocery and related product merchant wholesalers | 3.6 | 13.8 | 14.2 | 1.6 | 19.4 | - | 7.3 |
| Farm product raw material merchant wholesalers $\qquad$ | 3.3 | 36.1 | 21.3 | - | - | - | 19.7 |
| Chemical and allied products merchant wholesalers $\qquad$ | 9.2 | 31.0 | 8.6 | 8.0 | - | - | 14.9 |
| Beer, wine, and distilled alcoholic beverage merchant wholesalers | 1.2 | 13.9 | 12.2 | . 5 | 17.8 | - | 9.9 |
| Miscellaneous nondurable goods merchant wholesalers | 10.1 | 12.3 | 15.5 | 3.3 | 16.7 | - | 12.3 |
| Wholesale electronic markets and agents and brokers | 12.0 | 21.4 | 8.8 | 6.0 | 18.5 | - | 12.0 |
| Retail trade .......................................... | 8.3 | 12.7 | 17.8 | 4.7 | 8.5 | - | 13.1 |

See footnotes at end of table.

| Industry ${ }^{3}$ | NAICS code ${ }^{4}$ | Total cases | Percent of industry case total involving - |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  | Chemicals and chemical products | Containers | Furniture and fixtures | Machinery |
| Motor vehicle and parts dealers | 441 | 23,000 | 2.9 | 5.7 | 2.8 | 4.5 |
| Automobile dealers | 4411 | 13,320 | 3.6 | 5.3 | 2.7 | 3.7 |
| New car dealers | 44111 | 12,690 | 3.6 | 5.4 | 2.7 | 3.8 |
| Used car dealers | 44112 | 640 | 3.1 | 3.1 | 3.1 | 3.1 |
| Other motor vehicle dealers ..................... | 4412 | 2,540 | - | 8.3 | - | 7.1 |
| Recreational vehicle dealers .... | 44121 | 560 | - | 12.5 | - | 17.9 |
| Automotive parts, accessories, and tire stores $\qquad$ | 4413 | 7,140 | 2.0 | 5.2 | 3.6 | 5.0 |
| Automotive parts and accessories stores | 44131 | 3,530 | - | 9.3 | 5.7 | 2.5 |
| Tire dealers ....................................... | 44132 | 3,610 | 3.6 | - | 1.7 | 7.5 |
| Furniture and home furnishings stores .......... | 442 | 8,130 | - | 20.3 | 26.9 | 1.8 |
| Furniture stores ..................................... | 4421 | 4,130 | - | 10.2 | 36.8 | 1.0 |
| Home furnishings stores .......................... | 4422 | 4,000 | - | 30.8 | 16.5 | 2.8 |
| Floor covering stores ........................... | 44221 | 970 | - | 37.1 | 5.2 | 4.1 |
| Other home furnishings stores .............. | 44229 | 3,030 | - | 29.0 | 20.1 | 2.3 |
| Electronics and appliance stores .................. | 443 | 2,790 | - | 6.5 | 4.3 | 22.6 |
| Electronics and appliance stores .............. | 4431 | 2,790 | - | 6.5 | 4.3 | 22.6 |
| Appliance, television, and other electronics stores | 44311 | 2,490 | - | 5.6 | 4.8 | 24.1 |
| Computer and software stores .............. | 44312 | 300 | - | 10.0 | - | 10.0 |
| Building material and garden equipment and supplies dealers | 444 | 24,020 | . 7 | 15.9 | 3.8 | 4.5 |
| Building material and supplies dealers ....... | 4441 | 22,280 | . 5 | 16.3 | 4.0 | 4.7 |
| Home centers ..................................... | 44411 | 13,520 | . 5 | 19.1 | 4.1 | 5.5 |
| Paint and wallpaper stores ................... | 44412 | 380 | - | 18.4 | - | - |
| Other building material dealers ............. | 44419 | 6,830 | . 6 | 8.2 | 3.1 | 3.2 |
| Lawn and garden equipment and supplies stores | 4442 | 1,740 | 2.9 | 9.8 | 1.1 | 2.3 |
| Outdoor power equipment stores .......... | 44421 | 270 | - | - | - | - |
| Nursery and garden centers ................. | 44422 | 1,480 | 3.4 | 10.8 | 1.4 | 2.0 |
| Food and beverage stores .......................... | 445 | 35,710 | . 9 | 26.6 | 3.5 | 11.3 |
| Grocery stores ....................................... | 4451 | 31,980 | 1.0 | 27.2 | 3.6 | 11.9 |
| Supermarkets and other grocery (except convenience) stores $\qquad$ | 44511 | 31,280 | 1.0 | 27.4 | 3.4 | 11.9 |
| Convenience stores ............................. | 44512 | 700 | - | 17.1 | 11.4 | 14.3 |
| Specialty food stores | 4452 | 2,260 | . 9 | 15.5 | 3.5 | 10.6 |
| Meat markets . | 44521 | 240 | - | 12.5 | - | 20.8 |
| Fish and seafood markets .................... | 44522 | 60 | - | - | - | 0 |
| Fruit and vegetable markets ................. | 44523 | 600 | - | 18.3 | - | 10.0 |
| Other specialty food stores ................... | 44529 | 1,370 | - | 15.3 | 5.1 | 9.5 |
| Health and personal care stores .................. | 446 | 4,170 | . 7 | 33.6 | 6.0 | 2.4 |
| Health and personal care stores ............... | 4461 | 4,170 | . 7 | 33.6 | 6.0 | 2.4 |
| Pharmacies and drug stores ................ | 44611 | 3,240 | - | 38.3 | 4.3 | - |
| Cosmetics, beauty supplies, and perfume stores | 44612 | 210 | - | 33.3 | - | 28.6 |
| Optical goods stores ........................... | 44613 | 50 | - | - | - | - |
| Other health and personal care stores ... | 44619 | 660 | - | 13.6 | 16.7 | - |

See footnotes at end of table.

| Industry ${ }^{3}$ | Percent of industry case total involving - |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Parts and materials | Worker motion or position | Floors, walkways, or ground surfaces | Handtools | Vehicles | Health care patient | All other sources ${ }^{5}$ |
| Motor vehicle and parts dealers | 24.8 | 11.1 | 14.7 | 6.5 | 15.1 | - | 12.1 |
| Automobile dealers .............. | 19.7 | 12.3 | 19.2 | 6.8 | 15.2 | - | 11.4 |
| New car dealers | 20.3 | 12.4 | 19.9 | 6.1 | 14.8 | - | 11.1 |
| Used car dealers | 7.8 | 9.4 | 7.8 | 21.9 | 21.9 | - | 17.2 |
| Other motor vehicle dealers | 18.9 | 6.3 | 9.8 | 2.8 | 23.2 | - | 20.9 |
| Recreational vehicle dealers ........... | 7.1 | - | 17.9 | 8.9 | 19.6 | - | 10.7 |
| Automotive parts, accessories, and tire stores $\qquad$ | 36.4 | 10.5 | 7.7 | 7.0 | 12.0 | - | 10.4 |
| Automotive parts and accessories stores | 24.6 | 15.6 | 8.8 | 5.1 | 16.1 | - | 12.2 |
| Tire dealers ....................................... | 47.9 | 5.5 | 6.6 | 8.9 | 8.3 | - | 8.9 |
| Furniture and home furnishings stores ........... | 2.6 | 11.3 | 16.2 | 4.8 | 6.8 | - | 9.2 |
| Furniture stores ...................................... | 1.9 | 9.0 | 20.6 | 2.9 | 8.7 | - | 9.0 |
| Home furnishings stores .......................... | 3.2 | 13.8 | 11.8 | 7.0 | 4.8 | - | 9.5 |
| Floor covering stores .......................... | - | 4.1 | 20.6 | 11.3 | 13.4 | - | 3.1 |
| Other home furnishings stores .............. | 4.0 | 16.8 | 8.9 | 5.6 | 2.0 | - | 11.2 |
| Electronics and appliance stores .................. | 5.4 | 24.4 | 16.1 | 3.2 | 9.0 | - | 8.2 |
| Electronics and appliance stores .............. | 5.4 | 24.4 | 16.1 | 3.2 | 9.0 | - | 8.2 |
| Appliance, television, and other electronics stores | 4.8 | 25.7 | 15.7 | 3.6 | 88.0 | - | 7.6 |
| Computer and software stores .............. | 13.3 | 10.0 | 20.0 | - | 16.7 | - | 16.7 |
| Building material and garden equipment and supplies dealers $\qquad$ | 16.3 | 9.8 | 13.6 | 3.9 | 9.6 | - | 21.9 |
| Building material and supplies dealers ....... | 17.2 | 9.6 | 12.7 | 3.7 | 8.8 | - | 22.3 |
| Home centers | 14.0 | 6.9 | 12.7 | 2.5 | 8.2 | - | 26.5 |
| Paint and wallpaper stores ................... | - | 42.1 | - | - | - | - | - |
| Other building material dealers ............. | 25.9 | 12.4 | 12.0 | 6.6 | 10.8 | - | 17.1 |
| Lawn and garden equipment and supplies stores | 5.2 | 12.1 | 24.1 | 5.2 | 18.4 | - | 18.4 |
| Outdoor power equipment stores | - | 25.9 | 51.9 | - | , | - | 1 |
| Nursery and garden centers | 4.7 | 9.5 | 19.6 | 5.4 | 21.6 | - | 21.6 |
| Food and beverage stores | 1.5 | 16.2 | 16.0 | 6.9 | 6.7 | - | 10.3 |
| Grocery stores | 1.2 | 15.4 | 16.0 | 7.1 | 6.1 | - | 10.4 |
| Supermarkets and other grocery (except convenience) stores | 1.2 | 15.5 | 15.9 | 7.1 | 6.3 | - | 10.3 |
| Convenience stores ............................ | - | 11.4 | 21.4 | 5.7 | - | - | 15.7 |
| Specialty food stores .............................. | 4.4 | 16.4 | 19.5 | 5.3 | 11.9 | - | 12.4 |
| Meat markets ..................................... | - | 12.5 | 25.0 | 25.0 | - | - | - |
| Fish and seafood markets .................... | - | - | - | - | - | - | - |
| Fruit and vegetable markets ................. | 3.3 | 18.3 | 30.0 | 3.3 | 11.7 | - | 5.0 |
| Other specialty food stores ................... | 5.8 | 17.5 | 14.6 | 3.6 | 11.7 | - | 16.8 |
| Health and personal care stores .................. | 2.2 | 13.2 | 22.8 | - | 10.1 | - | 8.4 |
| Health and personal care stores ............... | 2.2 | 13.2 | 22.8 | - | 10.1 | - | 8.4 |
| Pharmacies and drug stores ................ | 2.5 | 15.4 | 24.4 | - | 3.7 | - | 9.3 |
| Cosmetics, beauty supplies, and perfume stores $\qquad$ | - | - | - | - | 28.6 | - | - |
| Optical goods stores ............................ | - | 40.0 | - | - | - | - | - |
| Other health and personal care stores ... | - | - | 22.7 | - | 36.4 | - | - |

See footnotes at end of table.

| Industry ${ }^{3}$ | NAICS code ${ }^{4}$ | Total cases | Percent of industry case total involving - |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  | Chemicals and chemical products | Containers | Furniture and fixtures | Machinery |
| Gasoline stations | 447 | 5,960 | 0.7 | 26.0 | 10.4 | 6.0 |
| Gasoline stations | 4471 | 5,960 | . 7 | 26.0 | 10.4 | 6.0 |
| Gasoline stations with convenience stores $\qquad$ | 44711 | 5,130 | . 6 | 27.3 | 11.9 | 6.6 |
| Other gasoline stations ........................ | 44719 | 840 | - | 19.0 | - | - |
| Clothing and clothing accessories stores ....... | 448 | 6,950 | 1.3 | 19.0 | 7.8 | 5.3 |
| Clothing stores ...................................... | 4481 | 5,220 | 1.5 | 13.4 | 9.4 | 7.1 |
| Men's clothing stores ........................... | 44811 | 290 | - | - | - | - |
| Family clothing stores | 44814 | 2,630 | 3.0 | 17.9 | 12.5 | 1.5 |
| Other clothing stores | 44819 | 360 | - | - | - | 66.7 |
| Jewelry, luggage, and leather goods stores | 4483 | 460 | - | 54.3 | - | - |
| Sporting goods, hobby, book, and music stores | 451 | 2,780 | 1.8 | 28.8 | 4.0 | 1.4 |
| Sporting goods, hobby, and musical instrument stores | 4511 | 2,100 | 2.4 | 24.3 | 4.8 | 1.4 |
| Sporting goods stores ......................... | 45111 | 620 | - | 30.6 | 4.8 | - |
| Hobby, toy, and game stores ............... | 45112 | 1,200 | 3.3 | 21.7 | 5.8 | 1.7 |
| Sewing, needlework, and piece goods stores $\qquad$ | 45113 | 200 | - | - | - | - |
| Musical instrument and supplies stores | 45114 | 80 | - | - | - | - |
| Book, periodical, and music stores ............ | 4512 | 680 | - | 42.6 | - | - |
| Book stores and news dealers .......... | 45121 | 630 | - | 46.0 | - | - |
| Prerecorded tape, compact disc, and record stores | 45122 | 50 | - | - | - | - |
| General merchandise stores ....................... | 452 | 36,660 | 1.5 | 27.6 | 8.0 | 5.5 |
| Department stores ................................. | 4521 | 18,560 | 1.7 | 23.9 | 10.7 | 5.0 |
| Other general merchandise stores ............ | 4529 | 18,110 | 1.2 | 31.4 | 5.2 | 5.9 |
| Warehouse clubs and superstores ........ | 45291 | 14,230 | 1.5 | 28.5 | 5.0 | 6.7 |
| All other general merchandise stores ..... | 45299 | 3,880 | - | 42.0 | 6.2 | 2.8 |
| Miscellaneous store retailers ....................... | 453 | 7,660 | 2.0 | 17.0 | 8.2 | 2.5 |
| Florists ................................................. | 4531 | 590 | - | - | - | - |
| Office supplies, stationery, and gift stores .. | 4532 | 2,190 | - | 28.3 | 10.0 | 5.0 |
| Office supplies and stationery stores ..... | 45321 | 1,220 | - | 20.5 | 3.3 | 8.2 |
| Gift, novelty, and souvenir stores .......... | 45322 | 970 | - | 38.1 | 17.5 | - |
| Used merchandise stores ........................ | 4533 | 1,610 | - | 6.8 | 15.5 | - |
| Other miscellaneous store retailers ........... | 4539 | 3,270 | 4.3 | 15.3 | 5.2 | - |
| Manufactured (mobile) home dealers ..... | 45393 | 670 | - | - | - | - |
| Nonstore retailers ...................................... | 454 | 4,960 | 2.4 | 21.4 | 1.4 | 5.8 |
| Electronic shopping and mail-order houses Electronic shopping and mail-order | 4541 | 1,700 | - | 27.6 | 2.9 | 4.1 |
| houses ............................................. | 45411 | 1,700 | - | 27.6 | 2.9 | 4.1 |
| Electronic shopping ......................... | 454111 | 230 | - | 21.7 | 8.7 | - |
| Mail-order houses | 454113 | 1,460 | - | 28.8 | 2.1 | 4.1 |
| Vending machine operators .................... | 4542 | 770 | 2.6 | 18.2 | - | 11.7 |
| Direct selling establishments .................... | 4543 | 2,490 | 3.6 | 18.1 | - | 4.8 |
| Fuel dealers ....................................... | 45431 | 2,000 | 4.0 | 16.5 | - | 4.5 |
| Other direct selling establishments ....... | 45439 | 490 | - | 24.5 | - | 8.2 |

See footnotes at end of table.

| Industry ${ }^{3}$ | Percent of industry case total involving - |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Parts and materials | Worker motion or position | Floors, walkways, or ground surfaces | Handtools | Vehicles | Health care patient | All other sources ${ }^{5}$ |
| Gasoline stations | 10.6 | 5.0 | 19.8 | 2.3 | 5.7 | - | 13.6 |
| Gasoline stations | 10.6 | 5.0 | 19.8 | 2.3 | 5.7 | - | 13.6 |
| Gasoline stations with convenience stores $\qquad$ | 8.4 | 4.9 | 17.0 | 1.6 | 6.4 | - | 15.4 |
| Other gasoline stations ........................ | 23.8 | 4.8 | 38.1 | 7.1 | - | - | - |
| Clothing and clothing accessories stores ....... | 6.0 | 16.3 | 26.0 | 3.0 | 1.7 | - | 13.2 |
| Clothing stores ...................................... | 1.7 | 20.3 | 23.9 | 4.0 | 1.0 | - | 17.4 |
| Men's clothing stores ........................... | - | - | - | - | - | - | - |
| Family clothing stores .......................... | 2.3 | 18.6 | 25.1 | 1.5 | 1.5 | - | 16.0 |
| Other clothing stores ........................... | - | - | - | - | - | - | - |
| Jewelry, luggage, and leather goods stores | - | - | - | - | - | - | - |
| Sporting goods, hobby, book, and music stores $\qquad$ | 2.9 | 15.5 | 26.3 | 3.2 | 4.0 | - | 12.2 |
| Sporting goods, hobby, and musical instrument stores $\qquad$ | 3.3 | 13.8 | 28.6 | 3.3 | 4.3 | - | 14.3 |
| Sporting goods stores ......................... | 3.2 | 14.5 | 19.4 | 6.5 | 3.2 | - | 16.1 |
| Hobby, toy, and game stores ............... | 4.2 | 14.2 | 28.3 | - | 5.0 | - | 15.8 |
| Sewing, needlework, and piece goods stores $\qquad$ | - | - | - | - | - | - | - |
| Musical instrument and supplies stores | - | - | - | - | - | - | - |
| Book, periodical, and music stores ............ | - | 20.6 | 19.1 | - | 4.4 | - | 5.9 |
| Book stores and news dealers | - | 17.5 | 19.0 | - | 4.8 | - | 6.3 |
| Prerecorded tape, compact disc, and record stores $\qquad$ | - | - | - | - | - | - | - |
| General merchandise stores | 4.0 | 12.1 | 19.3 | 3.2 | 6.2 | - | 12.7 |
| Department stores ................................. | 3.2 | 12.6 | 21.1 | 2.7 | 5.5 | - | 13.6 |
| Other general merchandise stores ............ | 4.9 | 11.6 | 17.4 | 3.7 | 6.8 | - | 11.8 |
| Warehouse clubs and superstores ........ | 4.3 | 12.6 | 17.0 | 3.4 | 8.0 | - | 12.9 |
| All other general merchandise stores ..... | 7.0 | 8.2 | 18.8 | 4.4 | 2.6 | - | 7.7 |
| Miscellaneous store retailers ........................ | 1.4 | 10.8 | 29.8 | 6.9 | 10.1 | - | 11.5 |
| Florists ................................................. | - | - | 57.6 | - | 13.6 | _ | - |
| Office supplies, stationery, and gift stores .. | - | 13.2 | 18.7 | 5.5 | 5.0 | - | 13.7 |
| Office supplies and stationery stores ..... | - | 14.8 | 26.2 | 6.6 | 4.1 | - | 15.6 |
| Gift, novelty, and souvenir stores .......... | - | 10.3 | 9.3 | 4.1 | 6.2 | - | 11.3 |
| Used merchandise stores ........................ | - | 9.9 | 52.2 | - | 5.0 | - | 5.0 |
| Other miscellaneous store retailers ........... | 1.8 | 11.9 | 21.1 | 9.8 | 15.3 | - | 14.4 |
| Manufactured (mobile) home dealers ..... |  | - | 32.8 | 32.8 | 15 | - | 13 |
| Nonstore retailers ...................................... | 4.8 | 14.9 | 17.3 | 2.8 | 15.5 | - | 13.7 |
| Electronic shopping and mail-order houses Electronic shopping and mail-order | 3.5 | 20.6 | 17.1 | 2.4 | 5.3 | - | 15.3 |
| houses ............................................ | 3.5 | 20.6 | 17.1 | 2.4 | 5.3 | - | 15.3 |
| Electronic shopping ......................... | - | 17.4 | 30.4 | - | - | - | 8.7 |
| Mail-order houses ............................ | 3.4 | 21.2 | 15.1 | 2.7 | 5.5 | - | 16.4 |
| Vending machine operators .................... | - | 18.2 | 23.4 | - | 10.4 | - | 11.7 |
| Direct selling establishments ................... | 6.8 | 10.0 | 15.3 | 4.0 | 24.1 | - | 13.3 |
| Fuel dealers ....................................... | 5.0 | 9.0 | 16.5 | 5.0 | 26.5 | - | 12.0 |
| Other direct selling establishments ....... | 12.2 | 12.2 | 10.2 | - | 14.3 | - | 16.3 |

See footnotes at end of table.

| Industry ${ }^{3}$ | NAICS code ${ }^{4}$ | Total cases | Percent of industry case total involving - |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  | Chemicals and chemical products | Containers | Furniture and fixtures | Machinery |
| Transportation and warehousing ${ }^{9}$......... | 48-49 | 109,800 | 1.0 | 21.9 | 2.3 | 2.7 |
| Air transportation ....................................... | 481 | 20,800 | 1.2 | 37.0 | 1.4 | 2.4 |
| Scheduled air transportation ................... | 4811 | 20,320 | 1.3 | 37.3 | 1.3 | 2.4 |
| Scheduled air transportation ................ | 48111 | 20,320 | 1.3 | 37.3 | 1.3 | 2.4 |
| Scheduled passenger air transportation | 481111 | 20,020 | 1.3 | 37.5 | 1.3 | 2.3 |
| Scheduled freight air transportation ... | 481112 | 310 | - | 25.8 | - | - |
| Nonscheduled air transportation .............. | 4812 | 470 | - | 23.4 | 4.3 | - |
| Rail transportation ${ }^{\text {a }}$.................................... | 482 | 3,530 | - | 1.4 | - | . 8 |
| Water transportation .................................. | 483 | 1,210 | 3.3 | 5.0 | - | 1.7 |
| Deep sea, coastal, and great lakes water transportation | 4831 | 650 | - | 7.7 | - | - |
| Deep sea, coastal, and great lakes water transportation | 48311 | 650 | - | 7.7 | - | - |
| Coastal and great lakes freight transportation | 483113 | 530 | - | 7.5 | - | - |
| Coastal and great lakes passenger transportation | 483114 | 40 | - | - | - | - |
| Inland water transportation ...................... | 4832 | 560 | 7.1 | - | - | - |
| Inland water transportation ................... | 48321 | 560 | 7.1 | - | - | - |
| Inland water freight transportation ...... | 483211 | 490 | 8.2 | - | - | - |
| Inland water passenger transportation | 483212 | 70 | - | - | - | - |
| Truck transportation .................................. | 484 | 40,090 | 1.3 | 11.7 | 3.5 | 1.8 |
| General freight trucking ........................... | 4841 | 28,250 | 1.1 | 12.6 | 1.8 | 1.8 |
| General freight trucking, local ................ | 48411 | 5,310 | - | 15.1 | 3.6 | 2.3 |
| General freight trucking, long-distance ... | 48412 | 22,940 | 1.3 | 11.9 | 1.4 | 1.6 |
| Specialized freight trucking ..................... | 4842 | 11,840 | 1.7 | 9.7 | 7.7 | 1.9 |
| Used household and office goods moving | 48421 | 2,830 | - | 12.7 | 29.7 | 4.6 |
| Specialized freight (except used goods) trucking, local | 48422 | 4,500 | 1.1 | 9.8 | 1.1 | 1.1 |
| Specialized freight (except used goods) trucking, long-distance | 48423 | 4,510 | 3.3 | 7.5 | . 4 | . 9 |
| Transit and ground passenger transportation | 485 | 6,320 | 1.1 | 6.6 | . 6 | . 6 |
| Urban transit systems ............................. | 4851 | 1,430 | 1.4 | 2.1 | - | - |
| Taxi and limousine service ...................... | 4853 | 960 | 2.1 | 14.6 | - | - |
| Taxi service ...................................... | 48531 | 730 | - | 12.3 | - | - |
| Limousine service ............................... | 48532 | 230 | - | 21.7 | - | - |
| School and employee bus transportation ... | 4854 | 1,790 | - | 2.2 | - | - |
| Charter bus industry ................................ | 4855 | 310 | - | 22.6 | - | - |
| Other transit and ground passenger transportation | 4859 | 1,290 | - | 3.1 | - | - |
| Pipeline transportation ................................ | 486 | 230 | - | - | - | - |
| Pipeline transportation of natural gas ......... | 4862 | 210 | - | 7 | - | - |
| Scenic and sightseeing transportation .......... | 487 | 410 | - | 7.3 | - | - |
| Scenic and sightseeing transportation, land | 4871 | 140 | - | 14.3 | - | - |

See footnotes at end of table.

| Industry ${ }^{3}$ | Percent of industry case total involving - |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Parts and materials | Worker motion or position | Floors, walkways, or ground surfaces | Handtools | Vehicles | Health care patient | All other sources ${ }^{5}$ |
| Transportation and warehousing ${ }^{9}$......... | 8.4 | 12.9 | 17.0 | 1.6 | 21.7 | 0.1 | 10.4 |
| Air transportation | 3.8 | 12.5 | 11.0 | . 5 | 19.7 | - | 10.5 |
| Scheduled air transportation .................... | 3.7 | 12.6 | 10.9 | . 5 | 19.5 | - | 10.4 |
|  | 3.7 | 12.6 | 10.9 | . 5 | 19.5 | - | 10.4 |
| Scheduled passenger air transportation | 3.7 | 12.7 | 10.6 | . 5 | 19.5 | - | 10.5 |
| Scheduled freight air transportation ... | 6.5 | 6.5 | 29.0 | - | 22.6 | - | 6.5 |
| Nonscheduled air transportation .............. | 6.4 | 10.6 | 17.0 | - | 23.4 | - | 12.8 |
| Rail transportation ${ }^{9}$.................................... | 4.8 | 1.4 | 15.6 | 4.2 | 16.4 | - | 54.7 |
| Water transportation .................................. | 27.3 | 12.4 | 14.0 | 5.8 | 18.2 | - | 13.2 |
| Deep sea, coastal, and great lakes water transportation | 21.5 | 16.9 | 16.9 | 6.2 | 21.5 | - | 9.2 |
| Deep sea, coastal, and great lakes water transportation | 21.5 | 16.9 | 16.9 | 6.2 | 21.5 | - | 9.2 |
| Coastal and great lakes freight transportation | 24.5 | 18.9 | 17.0 | 7.5 | 15.1 | - | 9.4 |
| Coastal and great lakes passenger transportation | - | - | - | - | - | - | - |
| Inland water transportation ...................... | 33.9 | 7.1 | 10.7 | 3.6 | 14.3 | - | 17.9 |
| Inland water transportation ................... | 33.9 | 7.1 | 10.7 | 3.6 | 14.3 | - | 17.9 |
| Inland water freight transportation ...... | 36.7 | 8.2 | 10.2 | 4.1 | 12.2 | - | 16.3 |
| Inland water passenger transportation | - | - | - | - | 28.6 | - | 28.6 |
| Truck transportation .................................. | 12.7 | 11.4 | 24.0 | 1.5 | 25.2 | - | 6.9 |
| General freight trucking .......................... | 13.3 | 11.7 | 22.8 | 1.3 | 26.2 | - | 7.5 |
| General freight trucking, local ............... | 12.4 | 10.2 | 24.1 | . 9 | 22.2 | - | 8.9 |
| General freight trucking, long-distance ... | 13.5 | 12.0 | 22.5 | 1.4 | 27.1 | - | 7.2 |
| Specialized freight trucking ..................... | 11.3 | 10.7 | 26.9 | 1.9 | 22.9 | - | 5.3 |
| Used household and office goods moving $\qquad$ | 2.8 | 4.2 | 18.0 | 1.4 | 20.5 | - | 5.7 |
| Specialized freight (except used goods) trucking, local | 13.8 | 10.2 | 33.8 | 3.1 | 22.2 | - | 3.6 |
| Specialized freight (except used goods) trucking, long-distance | 14.0 | 15.3 | 25.5 | . 9 | 25.1 | - | 6.9 |
| Transit and ground passenger transportation | 3.0 | 12.3 | 15.0 | 1.4 | 42.1 | 1.7 | 15.5 |
| Urban transit systems .............................. | 3.5 | 11.2 | 11.2 | 2.1 | 48.3 | - | 17.5 |
| Taxi and limousine service ...................... | 2.1 | 4.2 | 8.3 | - | 51.0 | - | 15.6 |
| Taxi service | - | 4.1 | 4.1 | - | 56.2 | - | 19.2 |
| Limousine service ............................... | - | - | 21.7 | - | 34.8 | - | - |
| School and employee bus transportation ... | 3.4 | 15.1 | 20.1 | 1.7 | 44.7 | - | 11.7 |
| Charter bus industry | 6.5 | 6.5 | 22.6 | - | 22.6 | - | 12.9 |
| Other transit and ground passenger transportation | 1.6 | 16.3 | 16.3 | - | 37.2 | 7.0 | 16.3 |
| Pipeline transportation ................................ | 13.0 | 34.8 | 17.4 | - | 13.0 | - | 13.0 |
| Pipeline transportation of natural gas ......... | 9.5 | 38.1 | 14.3 | - | 9.5 | - | 14.3 |
| Scenic and sightseeing transportation .......... | - | 14.6 | 34.1 | 4.9 | 19.5 | - | 12.2 |
| Scenic and sightseeing transportation, land | - | 14.3 | 35.7 | - | 21.4 | - | 14.3 |

See footnotes at end of table

| Industry ${ }^{3}$ | NAICS code ${ }^{4}$ | Total cases | Percent of industry case total involving - |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  | Chemicals and chemical products | Containers | Furniture and fixtures | Machinery |
| Scenic and sightseeing transportation, water $\qquad$ | 4872 | 230 | - | - | - | - |
| Scenic and sightseeing transportation, other $\qquad$ | 4879 | 30 | - | - | - | - |
| Support activities for transportation .............. | 488 | 9,310 | 0.6 | 12.6 | 1.0 | 5.6 |
| Support activities for air transportation ....... | 4881 | 2,780 | 1.1 | 21.2 | 1.4 | 3.2 |
| Support activities for rail transportation ...... | 4882 | 510 | - | 9.8 | - | 7.8 |
| Support activities for water transportation .. | 4883 | 3,070 | - | 5.5 | - | 4.6 |
| Port and harbor operations ................... | 48831 | 390 | - | 5.1 | - | - |
| Marine cargo handling ......................... | 48832 | 1,900 | - | 7.4 | - | 4.7 |
| Navigational services to shipping .......... | 48833 | 690 | - | - | - | 5.8 |
| Other support activities for water transportation | 48839 | 100 | - | - | - | - |
| Support activities for road transportation .... | 4884 | 1,530 | - | 7.2 | - | 9.2 |
| Motor vehicle towing ............................ | 48841 | 660 | - | - | - | - |
| Freight transportation arrangement ........... | 4885 | 830 | - | 18.1 | 3.6 | 3.6 |
| Other support activities for transportation .. | 4889 | 580 | - | 17.2 | - | 12.1 |
| Couriers and messengers ........................... | 492 | 15,210 | . 3 | 37.7 | . 6 | 2.8 |
| Couriers ............................................... | 4921 | 14,510 | . 3 | 38.2 | . 6 | 2.8 |
| Local messengers and local delivery ........ | 4922 | 700 | - | 28.6 | - | 2.9 |
| Warehousing and storage ........................... | 493 | 12,700 | . 5 | 32.9 | 4.5 | 5.4 |
| Warehousing and storage ....................... | 4931 | 12,700 | . 5 | 32.9 | 4.5 | 5.4 |
| General warehousing and storage ......... | 49311 | 11,020 | . 5 | 33.6 | 4.9 | 5.1 |
| Refrigerated warehousing and storage ...... | 49312 | 12,700 | . 5 | 32.9 | 4.5 | 5.4 |
| Farm product warehousing and storage | 49313 | 170 | - | 23.5 | - | - |
| Other warehousing and storage ............ | 49319 | 470 | - | 25.5 | 4.3 | 6.4 |
| Utilities | 22 | 6,210 | 1.1 | 3.9 | . 5 | 4.3 |
| Utilities ..................................................... | 221 | 6,210 | 1.1 | 3.9 | . 5 | 4.3 |
| Electric power generation, transmission and distribution | 2211 | 4,170 | 1.2 | 3.6 | - | 4.3 |
| Electric power generation ..................... | 22111 | 1,960 | 1.5 | 4.6 | - | 5.6 |
| Hydroelectric power generation ......... | 221111 | 210 | - | - | - | - |
| Fossil fuel electric power generation .. | 221112 | 1,530 | 1.3 | 4.6 | - | 4.6 |
| Nuclear electric power generation ...... | 221113 | 120 | - | - | - | - |
| Other electric power generation ......... | 221119 | 100 | - | - | - | - |
| Electric power transmission, control, and distribution | 22112 | 2,200 | . 9 | 2.3 | - | 3.2 |
| Natural gas distribution ........................... | 2212 | 1,350 | - | 3.7 | 1.5 | 4.4 |
| Water, sewage and other systems ............ | 2213 | 680 | 2.9 | 7.4 | - | 5.9 |
| Water supply and irrigation systems ...... | 22131 | 520 | 3.8 | 3.8 | - | 3.8 |
| Sewage treatment facilities .................. | 22132 | 140 | - | 21.4 | - | 14.3 |
| Steam and air-conditioning supply ........ | 22133 | 20 | - | - | - | - |
| Information ....................................... |  | 18,560 | . 8 | 8.3 | 3.3 | 5.5 |
| Information .......................................... | 51 | 18,560 | . 8 | 8.3 | 3.3 | 5.5 |

See footnotes at end of table.

| Industry ${ }^{3}$ | Percent of industry case total involving - |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Parts and materials | Worker motion or position | Floors, walkways, or ground surfaces | Handtools | Vehicles | Health care patient | All other sources ${ }^{5}$ |
| Scenic and sightseeing transportation, water $\qquad$ | - | 17.4 | 39.1 | - | 21.7 | - | 13.0 |
| Scenic and sightseeing transportation, other $\qquad$ | - | - | - | - | - | - | - |
| Support activities for transportation .............. | 15.4 | 11.8 | 14.9 | 4.6 | 21.7 | - | 11.8 |
| Support activities for air transportation ....... | 10.4 | 12.6 | 19.1 | 4.0 | 14.4 | - | 12.6 |
| Support activities for rail transportation ...... | 7.8 | 7.8 | 23.5 | - | 23.5 | - | 15.7 |
| Support activities for water transportation .. | 20.8 | 13.4 | 15.0 | 4.9 | 21.5 | - | 13.4 |
| Port and harbor operations ................... | 28.2 | 10.3 | 12.8 | 5.1 | 23.1 | - | 15.4 |
| Marine cargo handling ......................... | 14.7 | 14.2 | 17.4 | 4.2 | 22.6 | - | 14.2 |
| Navigational services to shipping .......... | 34.8 | 11.6 | 8.7 | 5.8 | 20.3 | - | 10.1 |
| Other support activities for water transportation | 20.0 | 20.0 | 30.0 | - | - | - | - |
| Support activities for road transportation .... | 19.0 | 6.5 | 6.5 | 7.2 | 32.7 | - | 11.1 |
| Motor vehicle towing ........................... | 25.8 | 6.1 | 7.6 | - | 28.8 | - | 19.7 |
| Freight transportation arrangement ........... | 8.4 | 10.8 | 16.9 | 2.4 | 28.9 | - | 7.2 |
| Other support activities for transportation .. | 17.2 | 19.0 | 6.9 | 5.2 | 13.8 | - | 5.2 |
| Couriers and messengers .......................... | 3.4 | 19.6 | 14.2 | . 5 | 14.3 | - | 6.6 |
| Couriers ... | 3.2 | 19.9 | 14.1 | . 5 | 13.7 | - | 6.6 |
| Local messengers and local delivery ......... | 7.1 | 12.9 | 15.7 | - | 25.7 | - | 7.1 |
| Warehousing and storage .......................... | 5.2 | 13.6 | 11.0 | 2.0 | 14.9 | - | 9.8 |
| Warehousing and storage ....................... | 5.2 | 13.6 | 11.0 | 2.0 | 14.9 | - | 9.8 |
| General warehousing and storage ........ | 5.1 | 13.9 | 11.0 | 2.1 | 14.1 | - | 9.8 |
| Refrigerated warehousing and storage ...... | 5.2 | 13.6 | 11.0 | 2.0 | 14.9 | - | 9.8 |
| Farm product warehousing and storage | 17.6 | - | 11.8 | - | 23.5 | - | 11.8 |
| Other warehousing and storage ............ | 6.4 | 21.3 | 10.6 | - | 12.8 | - | 10.6 |
| Utilities | 13.7 | 24.0 | 19.8 | 6.4 | 8.1 | - | 18.0 |
| Utilities | 13.7 | 24.0 | 19.8 | 6.4 | 8.1 | - | 18.0 |
| Electric power generation, transmission and distribution | 16.5 | 22.5 | 19.9 | 5.5 | 7.7 | - | 18.7 |
| Electric power generation ..................... | 16.3 | 26.0 | 19.4 | 4.1 | 8.2 | - | 14.3 |
| Hydroelectric power generation ......... | 28.6 | 19.0 | 19.0 | - | - | - | 19.0 |
| Fossil fuel electric power generation .. | 15.7 | 28.8 | 19.0 | 4.6 | 8.5 | - | 13.1 |
| Nuclear electric power generation ...... | - | 25.0 | 16.7 | - | - | - | 25.0 |
| Other electric power generation ........ | - | - | 30.0 | - | - | - | - |
| Electric power transmission, control, and distribution | 16.8 | 19.5 | 20.5 | 6.8 | 7.3 | - | 22.7 |
| Natural gas distribution ............................ | 9.6 | 29.6 | 16.3 | 9.6 | 6.7 | - | 18.5 |
| Water, sewage and other systems ............ | 5.9 | 22.1 | 25.0 | 5.9 | 13.2 | - | 13.2 |
| Water supply and irrigation systems ...... | 3.8 | 25.0 | 28.8 | 7.7 | 13.5 | - | 11.5 |
| Sewage treatment facilities .................. | - | 14.3 | - | - | 14.3 | - | 28.6 |
| Steam and air-conditioning supply ........ | - | - | 100.0 | - | - | - | - |
| Information ...................................... | 5.7 | 22.1 | 25.3 | 1.9 | 10.0 | - | 17.1 |
| Information .......................................... | 5.7 | 22.1 | 25.3 | 1.9 | 10.0 | - | 17.1 |

See footnotes at end of table.

| Industry ${ }^{3}$ | NAICS code ${ }^{4}$ | Total cases | Percent of industry case total involving - |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  | Chemicals and chemical products | Containers | Furniture and fixtures | Machinery |
| Publishing industries (except Internet) | 511 | 5,370 | 1.3 | 15.6 | 2.2 | 12.8 |
| Newspaper, periodical, book, and directory publishers | 5111 | 5,130 | . 6 | 16.2 | 1.9 | 13.3 |
| Newspaper publishers ......................... | 51111 | 3,910 | . 5 | 15.3 | 1.5 | 13.8 |
| Periodical publishers ........................... | 51112 | 510 | - | 29.4 | - | 9.8 |
| Book publishers .................................. | 51113 | 290 | - | 17.2 | - | 17.2 |
| Directory and mailing list publishers ....... | 51114 | 310 | - | 9.7 | - | 9.7 |
| Other publishers ................................. | 51119 | 110 | - | - | - | - |
| Software publishers | 5112 | 240 | 16.7 | - | 12.5 | - |
| Motion picture and sound recording industries | 512 | 1,220 | 2.5 | 10.7 | 4.1 | 4.1 |
| Motion picture and video industries ........... | 5121 | 1,190 | 2.5 | 10.9 | 4.2 | 4.2 |
| Motion picture and video distribution ...... | 51212 | 30 | - | - | - | - |
| Motion picture and video exhibition ........ | 51213 | 470 | 4.3 | 8.5 | 4.3 | 4.3 |
| Sound recording industries ...................... | 5122 | 30 | - | - | - | - |
| Broadcasting (except Internet) ..................... | 515 | 1,780 | - | 5.6 | 12.4 | 1.1 |
| Radio and television broadcasting ............ | 5151 | 930 | - | 7.5 | 21.5 | - |
| Radio broadcasting ............................. | 51511 | 260 | - | - | 46.2 | - |
| Television broadcasting ....................... | 51512 | 670 | - | 7.5 | 13.4 | - |
| Cable and other subscription programming | 5152 | 860 | - | 2.3 | - | - |
| Telecommunications .................................. | 517 | 9,010 | . 3 | 4.3 | 1.6 | 2.2 |
| Wired telecommunications carriers ........... | 5171 | 5,310 | . 4 | 3.4 | 1.3 | 2.8 |
| Wireless telecommunications carriers (except satellite) $\qquad$ | 5172 | 710 | 2.8 | 7.0 | 2.8 | - |
| Telecommunications resellers .................. | 5173 | 930 | - | 3.2 | 3.2 | 2.2 |
| Satellite telecommunications .................... | 5174 | 180 | - | - | - | - |
| Cable and other program distribution ........ | 5175 | 1,780 | - | 7.3 | 1.1 | - |
| Internet service providers, web search portals, and data processing services | 518 | 840 | - | 8.3 | 3.6 | 3.6 |
| Data processing, hosting, and related services | 5182 | 650 | - | 10.8 | 3.1 | 4.6 |
| Other information services .......................... | 519 | 310 | - | 6.5 | 12.9 | 9.7 |
| Other information services ...................... | 5191 | 310 | - | 6.5 | 12.9 | 9.7 |
| Libraries and archives ......................... | 51912 | 280 | - | - | 14.3 | 10.7 |
| Financial activities ........................... |  | 33,300 | 2.5 | 9.0 | 7.8 | 5.5 |
| Finance and insurance ........................ | 52 | 12,600 | . 7 | 12.5 | 4.3 | 4.0 |
| Monetary authorities - central bank .............. | 521 | 210 | 1 | 23.8 | - | - |
| Credit intermediation and related activities .... | 522 | 5,710 | 1.1 | 21.7 | 5.3 | 3.9 |
| Depository credit intermediation ................ | 5221 | 4,170 | 1.2 | 24.7 | 5.8 | 4.3 |
| Savings institutions .................. | 52212 | 350 | - | - | - | - |
| Credit unions ..................................... | 52213 | 490 | - | - | 28.6 | - |
| Nondepository credit intermediation .......... | 5222 | 1,130 | - | 15.0 | 4.4 | 2.7 |
| Credit card issuing .............................. | 52221 | 170 | - | - | - | - |
| Sales financing .................................. | 52222 | 120 | - | - | 25.0 | - |

See footnotes at end of table.

| Industry ${ }^{3}$ | Percent of industry case total involving - |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Parts and materials | Worker motion or position | Floors, walkways, or ground surfaces | Handtools | Vehicles | Health care patient | All other sources ${ }^{5}$ |
| Publishing industries (except Internet) | 3.5 | 18.6 | 21.2 | 2.0 | 12.3 | - | 10.4 |
| Newspaper, periodical, book, and directory publishers | 3.7 | 18.5 | 20.5 | 1.9 | 12.5 | _ | 10.7 |
| Newspaper publishers ......................... | 3.6 | 19.4 | 19.9 | 1.8 | 14.3 | - | 9.7 |
| Periodical publishers .. | - | 7.8 | 27.5 | - | 5.9 | - | 11.8 |
| Book publishers .................................. | - | 24.1 | 13.8 | - | 6.9 | - | 13.8 |
| Directory and mailing list publishers ....... | 9.7 | 16.1 | 19.4 | 6.5 | 9.7 | - | 19.4 |
| Other publishers ................................. | - | 27.3 | 27.3 | - | - | - | - |
| Software publishers ................................ | - | 20.8 | 37.5 | - | - | - | - |
| Motion picture and sound recording industries | 6.6 | 18.9 | 27.9 | 2.5 | 3.3 | - | 18.0 |
| Motion picture and video industries ........... | 6.7 | 19.3 | 28.6 | 2.5 | 3.4 | - | 17.6 |
| Motion picture and video distribution ...... |  | - | - |  | - | - | - |
| Motion picture and video exhibition ........ | - | 14.9 | 40.4 | 4.3 | - | - | 19.1 |
| Sound recording industries ...................... | - | - | - | - | - | - | - |
| Broadcasting (except Internet) ..................... | 4.5 | 16.3 | 23.6 | 1.7 | 10.7 | - | 23.6 |
| Radio and television broadcasting ............ | 5.4 | 7.5 | 22.6 | - | 14.0 | - | 18.3 |
| Radio broadcasting ............................. | - | - | 15.4 | - | 11.5 | - | 15.4 |
| Television broadcasting ....................... | 7.5 | 9.0 | 25.4 | - | 14.9 | - | 19.4 |
| Cable and other subscription programming | 3.5 | 25.6 | 24.4 | 3.5 | 7.0 | - | 29.1 |
| Telecommunications .................................. | 7.1 | 25.7 | 25.9 | 2.1 | 10.0 | - | 20.8 |
| Wired telecommunications carriers ........... | 8.9 | 24.7 | 25.6 | 2.6 | 8.5 | - | 21.8 |
| Wireless telecommunications carriers (except satellite) | - | 46.5 | 26.8 | - | 4.2 | - | 8.5 |
| Telecommunications resellers .................. | 4.3 | 32.3 | 30.1 | - | 6.5 | - | 17.2 |
| Satellite telecommunications .................... | - | - | - | - | - | - | - |
| Cable and other program distribution ........ | 6.2 | 16.3 | 24.2 | 1.7 | 15.2 | - | 27.0 |
| Internet service providers, web search portals, and data processing services | 7.1 | 19.0 | 45.2 | - | 7.1 | - | 7.1 |
| Data processing, hosting, and related services | 7.7 | 21.5 | 36.9 | - | 6.2 | - | 7.7 |
| Other information services .......................... | - | 32.3 | 22.6 | - | - | _ | 9.7 |
| Other information services ...................... | - | 32.3 | 22.6 | - | - | - | 9.7 |
| Libraries and archives ......................... | - | 28.6 | 21.4 | - | - | - | 10.7 |
| Financial activities . | 5.1 | 16.7 | 25.8 | 3.5 | 9.5 | 0.4 | 14.3 |
| Finance and insurance | 1.3 | 24.1 | 36.1 | 1.3 | 6.9 | - | 8.7 |
| Monetary authorities - central bank ............... | - | 28.6 | 23.8 | - | - | - | 19.0 |
| Credit intermediation and related activities .... | . 4 | 19.6 | 34.2 | 2.1 | 2.3 | - | 9.8 |
| Depository credit intermediation ................ | - | 21.8 | 31.7 | - | 1.4 | - | 8.9 |
| Savings institutions ............................. | - | 14.3 | 74.3 | - | - | - | - |
| Credit unions ..................................... | - | 20.4 | 22.4 | - | - | - | 16.3 |
| Nondepository credit intermediation .......... | - | 15.0 | 39.8 | 9.7 | 2.7 | - | 9.7 |
| Credit card issuing .............................. | - | 23.5 | 35.3 | - | - | - | 11.8 |
| Sales financing .................................. | - | 16.7 | 33.3 | - | - | - | - |

See footnotes at end of table.

| Industry ${ }^{3}$ | NAICS code ${ }^{4}$ | Total cases | Percent of industry case total involving - |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  | Chemicals and chemical products | Containers | Furniture and fixtures | Machinery |
| Other nondepository credit intermediation $\qquad$ | 52229 | 840 | - | 19.0 | 2.4 | - |
| Activities related to credit intermediation .... | 5223 | 410 | - | 9.8 | - | - |
| Financial transactions processing, reserve, and clearinghouse activities ... | 52232 | 240 | - | 16.7 | - | - |
| intermediation | 52239 | 150 | - | - | - | - |
| Securities, commodity contracts, and other financial investments and related activities .. | 523 | 770 | - | 3.9 | 2.6 | 22.1 |
| Securities and commodity contracts intermediation and brokerage | 5231 | 250 | - | - | - | - |
| Investment banking and securities dealing | 52311 | 100 | - | - | - | - |
| Securities brokerage .......................... | 52312 | 160 | - | - | - | - |
| Securities and commodity exchanges ........ | 5232 | 20 | - | - | - | - |
| Portfolio management ......................... | 52392 | 90 | - | - | - | - |
| All other financial investment activities ... | 52399 | 30 | - | - | - | - |
| Insurance carriers and related activities ......... | 524 | 5,490 | 0.4 | 4.0 | 3.1 | 2.0 |
| Insurance carriers .................................. | 5241 | 3,980 | . 5 | 4.3 | 2.8 | 2.8 |
| Direct life, health, and medical insurance carriers | 52411 | 2,100 | - | 4.3 | 1.0 | 3.3 |
| Direct insurance (except life, health, and medical) carriers | 52412 | 1,780 | - | 5.1 | 4.5 | 2.2 |
| Reinsurance carriers .......................... | 52413 | 100 | - | - | - | - |
| Agencies, brokerages, and other insurance related activities | 5242 | 1,510 | - | 3.3 | 4.0 | - |
| Insurance agencies and brokerages ...... | 52421 | 830 | - | 4.8 | - | - |
| Other insurance related activities .......... | 52429 | 670 | - | - | 7.5 | - |
| Funds, trusts, and other financial vehicles ..... | 525 | 420 | - | 7.1 | 11.9 | - |
| Insurance and employee benefit funds ...... | 5251 | 340 | - | - | 11.8 | - |
| Other insurance funds ......................... | 52519 | 240 | - | - | - | - |
| Other investment pools and funds ............. | 5259 | 80 | - | 25.0 | - | - |
| Real estate and rental and leasing ........ | 53 | 20,700 | 3.6 | 7.0 | 10.0 | 6.4 |
| Real estate ............................................... | 531 | 12,500 | 5.0 | 8.1 | 7.6 | 7.9 |
| Lessors of real estate ............................. | 5311 | 7,660 | 5.1 | 9.3 | 7.0 | 8.2 |
| Lessors of residential buildings and dwellings | 53111 | 5,700 | 6.7 | 10.9 | 7.5 | 10.2 |
| Lessors of nonresidential buildings (except miniwarehouses) | 53112 | 890 | - | 7.9 | 11.2 | 4.5 |
| Lessors of miniwarehouses and self-storage units | 53113 | 540 | - | - | - | - |
| Lessors of other real estate property ...... | 53119 | 520 | - | - | - | - |
| Offices of real estate agents and brokers ... | 5312 | 1,030 | - | 8.7 | 6.8 | 1.9 |
| Activities related to real estate ................. | 5313 | 3,810 | 5.5 | 5.8 | 8.9 | 8.9 |
| Real estate property managers ............. | 53131 | 3,620 | 5.8 | 6.1 | 9.4 | 9.4 |
| Rental and leasing services ........................ | 532 | 8,170 | 1.5 | 5.1 | 13.7 | 3.9 |

See footnotes at end of table.

| Industry ${ }^{3}$ | Percent of industry case total involving - |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Parts and materials | Worker motion or position | Floors, walkways, or ground surfaces | Handtools | Vehicles | Health care patient | All other sources ${ }^{5}$ |
| Other nondepository credit intermediation | - | 13.1 | 40.5 | 13.1 | 2.4 | - | 10.7 |
| Activities related to credit intermediation .... | - | 9.8 | 43.9 | - | 9.8 | - | 19.5 |
| Financial transactions processing, reserve, and clearinghouse activities ... Other activities related to credit intermediation $\qquad$ | - | 12.5 | 41.7 46.7 | - | 20.0 | - | 16.7 20.0 |
| Securities, commodity contracts, and other financial investments and related activities .. | - | 13.0 | 28.6 | - | 22.1 | - | 3.9 |
| Securities and commodity contracts intermediation and brokerage | - | 20.0 | 60.0 | - | - | - | 8.0 |
| Investment banking and securities dealing | - | - | 60.0 | - | - | - | - |
| Securities brokerage ........................... | - | 25.0 | 56.2 | - | - | - | - |
| Securities and commodity exchanges ....... | - | - | - | - | - | - | - |
| Portfolio management ......................... | - | 33.3 | 44.4 | - | - | - | - |
| All other financial investment activities ... | - | - | - | - | - | - | - |
| Insurance carriers and related activities ........ | 2.4 | 31.1 | 40.3 | . 5 | 7.5 | - | 8.2 |
| Insurance carriers | 3.3 | 25.6 | 43.2 | . 8 | 9.5 | - | 7.5 |
| Direct life, health, and medical insurance carriers | 1.9 | 26.2 | 47.6 | 1.0 | 8.6 | - | 5.7 |
| Direct insurance (except life, health, and medical) carriers | 1.1 | 25.8 | 39.3 | - | 11.2 | - | 9.0 |
| Reinsurance carriers .......................... | - | - | - | - | - | - | - |
| Agencies, brokerages, and other insurance related activities | - | 46.4 | 32.5 | - | 2.0 | - | 10.6 |
| Insurance agencies and brokerages ...... | - | 50.6 | 34.9 | - | - | - | 6.0 |
| Other insurance related activities .......... | - | 41.8 | 29.9 | - | 4.5 | - | 14.9 |
| Funds, trusts, and other financial vehicles ..... | - | 9.5 | 28.6 | - | 33.3 | - | 4.8 |
| Insurance and employee benefit funds ...... | - | 8.8 | 29.4 | - | 38.2 | - | - |
| Other insurance funds ......................... | - | 12.5 | 20.8 | - | 54.2 | - | - |
| Other investment pools and funds ............. | - | - | 25.0 | - | - | - | - |
| Real estate and rental and leasing ........ | 7.4 | 12.2 | 19.4 | 4.7 | 11.1 | 0.6 | 17.6 |
| Real estate | 5.6 | 14.6 | 18.2 | 6.4 | 6.0 | 1.0 | 19.4 |
| Lessors of real estate ............................. | 6.3 | 13.3 | 13.1 | 8.1 | 7.2 | 1.7 | 20.6 |
| Lessors of residential buildings and dwellings | 7.2 | 12.5 | 12.1 | 9.3 | 1.1 | 2.3 | 20.0 |
| Lessors of nonresidential buildings (except miniwarehouses) | 6.7 | 30.3 | 19.1 | 3.4 | 4.5 | - | 11.2 |
| Lessors of miniwarehouses and self-storage units $\qquad$ | - | - | - | - | 70.4 | _ | - |
| Lessors of other real estate property ...... | - | - | - | 11.5 | 11.5 | - | 59.6 |
| Offices of real estate agents and brokers ... | 4.9 | 10.7 | 35.0 | 9.7 | 7.8 | - | 13.6 |
| Activities related to real estate ................. | 4.2 | 18.1 | 24.1 | 2.4 | 3.1 | - | 18.6 |
| Real estate property managers ............. | 4.4 | 18.5 | 25.1 | 2.5 | 3.3 | - | 15.2 |
| Rental and leasing services ........................ | 10.3 | 8.7 | 21.2 | 2.2 | 18.7 | - | 14.8 |

See footnotes at end of table.

| Industry ${ }^{3}$ | NAICS code ${ }^{4}$ | Total cases | Percent of industry case total involving - |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  | Chemicals and chemical products | Containers | Furniture and fixtures | Machinery |
| Automotive equipment rental and leasing .. | 5321 | 2,310 | 1.3 | 6.1 | 2.6 | 1.7 |
| Passenger car rental and leasing .......... | 53211 | 1,290 | - | 10.1 | - | - |
| Truck, utility trailer, and rv (recreational vehicle) rental and leasing | 53212 | 1,020 | - | - | 4.9 | - |
| Video tape and disc rental .................... | 53223 | 170 | - | 11.8 | 11.8 | 29.4 |
| Other consumer goods rental ................ | 53229 | 920 | - | 12.0 | 7.6 | - |
| Commercial and industrial machinery and equipment rental and leasing | 5324 | 2,110 | 4.3 | 6.2 | - | 6.6 |
| Construction, transportation, mining, and forestry machinery and equipment rental and leasing | 53241 | 1,610 | 5.6 | 6.8 | - | 8.7 |
| Lessors of nonfinancial intangible assets (except copyrighted works) | 533 | 30 | - | - | - | - |
| Professional and business services .. |  | 89,940 | 2.1 | 11.2 | 3.8 | 5.8 |
| Professional, scientific, and technical services | 54 | 22,350 | 2.8 | 10.7 | 4.6 | 5.5 |
| Professional, scientific, and technical services | 541 | 22,350 | 2.8 | 10.7 | 4.6 | 5.5 |
| Legal services ...................................... | 5411 | 1,910 | - | 22.5 | 6.3 | - |
| Accounting, tax preparation, bookkeeping, and payroll services | 5412 | 1,800 | - | 18.9 | 6.7 | 3.3 |
| Accounting, tax preparation, bookkeeping, and payroll services | 54121 | 1,800 | - | 18.9 | 6.7 | 3.3 |
| Tax preparation services .................. | 541213 | 40 | - | - | - | - |
| Other accounting services ................. | 541219 | 730 | - | 32.9 | - | - |
| Architectural, engineering, and related services | 5413 | 6,360 | 2.7 | 6.1 | 3.8 | 4.1 |
| Architectural services .................................................... | 54131 | 490 | - | - | - | - |
| Engineering services .......................... | 54133 | 4,040 | 2.2 | 8.2 | 4.5 | 5.9 |
| Surveying and mapping (except geophysical) services | 54137 | 340 | - | - | - | - |
| Computer systems design services .... | 541512 | 930 | 7.5 | - | 5.4 | 8.6 |
| Computer facilities management services | 541513 | 50 | - | - | - | - |
| Other computer related services ........ | 541519 | 110 | - | - | - | - |
| Management, scientific, and technical consulting services | 5416 | 1,360 | - | 11.0 | 14.0 | 9.6 |
| Management consulting services .......... | 54161 | 920 | - | 10.9 | 20.7 | 8.7 |
| Environmental consulting services ........ | 54162 | 140 | - | - | - | - |
| Scientific research and development services $\qquad$ | 5417 | 2,000 | 2.0 | 13.5 | 5.0 | 2.0 |
| Advertising and related services ............... | 5418 | 2,070 | 3.4 | 28.0 | 2.4 | 13.0 |
| Other professional, scientific, and technical services $\qquad$ | 5419 | 3,890 | 6.2 | 4.6 | 3.6 | - |

See footnotes at end of table.

| Industry ${ }^{3}$ | Percent of industry case total involving - |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Parts and materials | Worker motion or position | Floors, walkways, or ground surfaces | Handtools | Vehicles | Health care patient | All other sources ${ }^{5}$ |
| Automotive equipment rental and leasing .. | 8.7 | 15.6 | 27.7 | 1.3 | 24.7 | - | 10.8 |
| Passenger car rental and leasing .......... | 4.7 | 17.8 | 29.5 | - | 29.5 | - | 6.2 |
| Truck, utility trailer, and rv (recreational vehicle) rental and leasing | 13.7 | 12.7 | 25.5 | - | 18.6 | - | 17.6 |
| Video tape and disc rental .................... | - | 23.5 | 17.6 | - | - | - | - |
| Other consumer goods rental ................ | - | 3.3 | 22.8 | - | 39.1 | - | 10.9 |
| Commercial and industrial machinery and equipment rental and leasing | 22.7 | 1.9 | 27.0 | 5.2 | 10.0 | - | 15.2 |
| Construction, transportation, mining, and forestry machinery and equipment rental and leasing | 21.1 | - | 28.6 | - | 11.8 | - | 12.4 |
| Lessors of nonfinancial intangible assets (except copyrighted works) | - | - | - | - | - | - | - |
| Professional and business services .. | 7.1 | 13.2 | 19.0 | 4.1 | 10.6 | 0.8 | 22.2 |
| Professional, scientific, and technical services | 8.2 | 13.8 | 13.8 | 2.9 | 6.0 | - | 31.6 |
| Professional, scientific, and technical services | 8.2 | 13.8 | 13.8 | 2.9 | 6.0 | - | 31.6 |
| Legal services .................................... | - | 23.0 | 19.4 | - | 5.8 | - | 19.4 |
| Accounting, tax preparation, bookkeeping, and payroll services | 11.7 | 12.8 | 23.9 | 2.2 | 2.8 | - | 18.9 |
| Accounting, tax preparation, bookkeeping, and payroll services | 11.7 | 12.8 | 23.9 | 2.2 | 2.8 | - | 18.9 |
| Tax preparation services .................. | - | - | - | - | - | - | - |
| Other accounting services ................ | - | - | 8.2 | - | - | - | 41.1 |
| Architectural, engineering, and related services | 13.1 | 15.1 | 10.5 | 6.0 | 9.6 | - | 28.9 |
| Architectural services ............................................................ | 13.1 | 15.1 | 51.0 | 6.0 | - | _ | - |
| Engineering services .......................... | 19.1 | 17.3 | 6.2 | 5.4 | 3.5 | - | 27.5 |
| Surveying and mapping (except geophysical) services $\qquad$ | - | - | - | 35.3 | - | - | - |
| Computer systems design services .... | 33.3 | 12.9 | 20.4 | - | - | - | 8.6 |
| Computer facilities management services | - | - | - | - | - | - | - |
| Other computer related services ........ | - | - | 54.5 | - | 18.2 | - | - |
| Management, scientific, and technical consulting services | 4.4 | 9.6 | 11.0 | 9.6 | 9.6 | - | 19.9 |
| Management consulting services ................................... | 6.5 | 14.1 | 16.3 | - | 7.6 | - | 13.0 |
| Environmental consulting services ......... | - | - | - | - | - | - | - |
| Scientific research and development services $\qquad$ | 2.0 | 35.0 | 17.5 | 2.5 | 4.0 | - | 17.0 |
| Advertising and related services ................ | 3.9 | 7.7 | 15.9 | 2.4 | 4.3 | - | 19.3 |
| Other professional, scientific, and technical services $\qquad$ | 6.4 | 4.1 | 12.6 | - | 4.9 | - | 57.8 |

See footnotes at end of table.


See footnotes at end of table.


See footnotes at end of table.

| Industry ${ }^{3}$ | NAICS code ${ }^{4}$ | Total cases | Percent of industry case total involving - |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  | Chemicals and chemical products | Containers | Furniture and fixtures | Machinery |
| Hazardous waste treatment and disposal | 562211 | 360 | - | 16.7 | - | 11.1 |
| Solid waste landfill .......................... | 562212 | 1,450 | 2.1 | 19.3 | - | 3.4 |
| Other nonhazardous waste treatment and disposal | 562219 | 290 | 6.9 | 13.8 | - | - |
| Remediation and other waste management services $\qquad$ | 5629 | 2,230 | 1.8 | 13.5 | 1.3 | 3.6 |
| Remediation services .......................... | 56291 | 980 | 4.1 | 6.1 | - | 3.1 |
| All other waste management services .... | 56299 | 790 | - | 24.1 | - | 3.8 |
| Education and health services |  | 182,210 | 1.8 | 5.8 | 4.9 | 2.2 |
| Educational services | 61 | 10,390 | 1.3 | 9.5 | 6.3 | 3.4 |
| Educational services | 611 | 10,390 | 1.3 | 9.5 | 6.3 | 3.4 |
| Elementary and secondary schools .......... | 6111 | 3,760 | . 5 | 4.3 | 5.3 | 2.9 |
| Junior colleges ...................................... | 6112 | 220 | - | - | 13.6 | - |
| Colleges, universities, and professional schools | 6113 | 4,850 | 2.3 | 12.6 | 8.2 | 4.7 |
| Business schools and computer and management training $\qquad$ | 6114 | 80 | - | - | - | - |
| Professional and management development training | 61143 | 60 | - | - | - | - |
| Technical and trade schools ..................... | 6115 | 460 | - | - | - | - |
| Other schools and instruction ................... | 6116 | 590 | - | - | - | - |
| Fine arts schools ................................ | 61161 | 40 | - | - | - | - |
| Sports and recreation instruction ........... | 61162 | 200 | - | - | - | - |
| All other schools and instruction ............ | 61169 | 350 | - | - | - | - |
| Educational support services ................... | 6117 | 420 | - | 42.9 | - | - |
| Health care and social assistance ......... | 62 | 171,820 | 1.8 | 5.6 | 4.8 | 2.1 |
| Ambulatory health care services .................. | 621 | 31,700 | 3.9 | 5.7 | 3.4 | 1.5 |
| Offices of physicians .............................. | 6211 | 6,550 | 9.6 | 11.9 | 6.4 | 3.1 |
| Offices of physicians .......................... | 62111 | 6,550 | 9.6 | 11.9 | 6.4 | 3.1 |
| Offices of physicians (except mental health specialists) | 621111 | 6,440 | 9.8 | 12.1 | 6.5 | 3.1 |
| Offices of physicians, mental health specialists | 621112 | 110 | - | - | - | - |
| Offices of dentists .................................. | 6212 | 2,180 | 14.2 | - | - | - |
| Offices of other health practitioners ........... | 6213 | 700 | - | - | 5.7 | - |
| Outpatient care centers ........................... | 6214 | 4,280 | . 5 | 10.5 | 4.4 | . 9 |
| Medical and diagnostic laboratories .......... | 6215 | 910 | 2.2 | 5.5 | - | 5.5 |
| Home health care services ...................... | 6216 | 11,370 | 2.2 | 3.1 | 2.3 | 1.0 |
| Other ambulatory health care services ....... | 6219 | 5,700 | - | 2.5 | 2.6 | 1.4 |
| Ambulance services $\qquad$ <br> All other ambulatory health care | 62191 | 4,730 | - | . 8 | 1.7 | 1.5 |
| services | 62199 | 970 | - | 10.3 | 7.2 | - |

See footnotes at end of table.

| Industry ${ }^{3}$ | Percent of industry case total involving - |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Parts and materials | Worker motion or position | Floors, walkways, or ground surfaces | Handtools | Vehicles | Health care patient | All other sources ${ }^{5}$ |
| Hazardous waste treatment and disposal | - | 13.9 | 19.4 | - | 16.7 | - | 16.7 |
| Solid waste landfill | 8.3 | 18.6 | 17.2 | - | 16.6 | - | 13.1 |
| Other nonhazardous waste treatment and disposal | 17.2 | 13.8 | 10.3 | - | 17.2 | - | 20.7 |
| Remediation and other waste management services $\qquad$ | 16.1 | 7.2 | 15.2 | 3.6 | 21.1 | - | 16.6 |
| Remediation services .......................... | 24.5 | 7.1 | 23.5 | 6.1 | 5.1 | - | 19.4 |
| All other waste management services .... | 8.9 | 5.1 | 8.9 | - | 35.4 | - | 12.7 |
| Education and health services ........... | 1.1 | 12.2 | 21.6 | 1.2 | 5.3 | 28.3 | 15.7 |
| Educational services ............................ | 2.6 | 15.5 | 28.8 | 1.9 | 3.9 | 2.4 | 24.1 |
| Educational services | 2.6 | 15.5 | 28.8 | 1.9 | 3.9 | 2.4 | 24.1 |
| Elementary and secondary schools | . 8 | 10.6 | 34.3 | 1.1 | 2.9 | 6.4 | 30.9 |
| Junior colleges ...................................... | - | 18.2 | 40.9 | - | - | - | 13.6 |
| Colleges, universities, and professional schools | 4.1 | 16.1 | 26.8 | 3.3 | 4.9 | . 4 | 16.7 |
| Business schools and computer and management training $\qquad$ | - | - | 75.0 | - | - | - | - |
| Professional and management development training $\qquad$ | - | -717 | 83.3 | - | - | - | - |
| Technical and trade schools ..................... | - | 71.7 | - | - | - | - | - |
| Other schools and instruction ................... | - | 8.5 | 18.6 | - | - | - | 71.2 |
| Fine arts schools ................................ | - | - | 100.0 | - | - | - | - |
| Sports and recreation instruction ........... | - | - | - | - | - | - | 60.0 |
| All other schools and instruction ............ | - | - | - | - | - | - | 85.7 |
| Educational support services ................... | - | - | 26.2 | - | 7.1 | - | 16.7 |
| Health care and social assistance ......... | 1.0 | 12.0 | 21.2 | 1.2 | 5.4 | 29.8 | 15.2 |
| Ambulatory health care services | 1.1 | 13.9 | 21.6 | . 6 | 10.4 | 20.2 | 17.5 |
| Offices of physicians .............................. | . 8 | 19.2 | 16.6 | . 3 | 1.7 | 10.1 | 20.2 |
| Offices of physicians .......................... | . 8 | 19.2 | 16.6 | . 3 | 1.7 | 10.1 | 20.2 |
| Offices of physicians (except mental health specialists) | . 8 | 19.6 | 16.1 | . 3 | 1.6 | 9.8 | 20.3 |
| Offices of physicians, mental health specialists | - | - | 45.5 | - | - | 27.3 | - |
| Offices of dentists ................................... | - | 22.5 | 50.0 | - | - | - | 11.9 |
| Offices of other health practitioners ........... | - | - | 31.4 | - | 15.7 | 21.4 | - |
| Outpatient care centers ........................... | 2.6 | 21.3 | 31.8 | - | 4.4 | 8.2 | 15.2 |
| Medical and diagnostic laboratories .......... | - | 12.1 | 31.9 | - | 28.6 | 5.5 | 6.6 |
| Home health care services ...................... | . 7 | 8.7 | 17.7 | . 4 | 16.0 | 29.7 | 18.2 |
| Other ambulatory health care services ....... | 1.9 | 11.1 | 14.0 | - | 14.0 | 31.6 | 20.7 |
| Ambulance services ............................ | 1.1 | 7.8 | 13.3 | - | 13.5 | 37.4 | 22.8 |
| All other ambulatory health care services | 6.2 | 26.8 | 17.5 | - | 16.5 | 3.1 | 10.3 |

[^1]| Industry ${ }^{3}$ | NAICS code ${ }^{4}$ | Total cases | Percent of industry case total involving - |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  | Chemicals and chemical products | Containers | Furniture and fixtures | Machinery |
| Hospitals ............................... | 622 | 60,720 | 1.7 | 7.2 | 5.8 | 2.8 |
| General medical and surgical hospitals ...... | 6221 | 56,850 | 1.8 | 7.4 | 5.9 | 2.9 |
| Psychiatric and substance abuse hospitals | 6222 | 1,840 | 1.1 | 3.8 | 4.3 | 1.1 |
| Specialty (except psychiatric and substance abuse) hospitals | 6223 | 2,030 | 1.5 | 4.4 | 5.4 | 1.5 |
| Nursing and residential care facilities ............ | 623 | 60,030 | 1.0 | 3.8 | 4.0 | 1.5 |
| Nursing care facilities ............................. | 6231 | 37,870 | 1.0 | 4.1 | 4.2 | 1.6 |
| Residential mental retardation, mental health and substance abuse facilities | 6232 | 7,640 | . 7 | 2.7 | 3.4 | . 8 |
| Community care facilities for the elderly ..... | 6233 | 10,940 | 1.6 | 4.5 | 4.3 | 1.6 |
| Other residential care facilities ................. | 6239 | 3,570 | . 8 | 2.2 | 2.2 | 1.4 |
| Social assistance ..................................... | 624 | 19,380 | 1.0 | 5.8 | 5.9 | 3.0 |
| Individual and family services ................... | 6241 | 9,030 | . 3 | 4.2 | 6.2 | 3.4 |
| Child and youth services ...................... | 62411 | 1,090 | - | 5.5 | 11.0 | 5.5 |
| Services for the elderly and persons with disabilities $\qquad$ | 62412 | 6,450 | . 5 | 4.5 | 4.3 | 3.6 |
| Other individual and family services ....... | 62419 | 1,500 | - | 2.0 | 10.7 | 2.0 |
| Community food and housing, and emergency and other relief services | 6242 | 1,500 | - | 5.3 | 5.3 | - |
| Community food services ..................... | 62421 | 260 | - | 19.2 | - | - |
| Community housing services ............... | 62422 | 780 | - | 3.8 | 10.3 | - |
| Emergency and other relief services ...... | 62423 | 470 | - | - | - | - |
| Vocational rehabilitation services .............. | 6243 | 4,700 | 1.3 | 10.4 | 8.1 | 3.8 |
| Child day care services .......................... | 6244 | 4,150 | 2.7 | 4.1 | 3.1 | 2.2 |
| Leisure and hospitality ..................... |  | 96,910 | 1.7 | 14.7 | 6.3 | 6.7 |
| Arts, entertainment, and recreation ....... | 71 | 14,980 | 1.5 | 8.7 | 3.7 | 5.7 |
| Performing arts, spectator sports, and related industries | 711 | 3,600 | . 6 | 3.9 | 2.2 | 1.7 |
| Performing arts companies ..................... | 7111 | , 780 | - | 2.6 | 3.8 | 2.6 |
| Spectator sports .................................... | 7112 | 1,950 | - | 2.1 | 1.5 | 1.5 |
| Spectator sports ................................. | 71121 | 1,950 | - | 2.1 | 1.5 | 1.5 |
| Sports teams and clubs ................... | 711211 | 1,320 | - | - | - | - |
| Racetracks .................................... | 711212 | 370 | - | 8.1 | - | 5.4 |
| Other spectator sports .................... | 711219 | 260 | - | - | - | - |
| Promoters of performing arts, sports, and similar events | 7113 | 450 | - | 8.9 | 4.4 | - |
| Agents and managers for artists, athletes, entertainers, and other public figures $\qquad$ Independent artists, writers, and | 7114 | 20 | - | - | - | - |
| performers | 7115 | 410 | - | - | - | - |
| Museums, historical sites, and similar institutions | 712 | 1,200 | - | 10.0 | 5.8 | 3.3 |
| Amusement, gambling, and recreation industries | 713 | 10,180 | 2.0 | 10.2 | 3.9 | 7.5 |
| Amusement parks and arcades ................ | 7131 | 1,740 | 2.3 | 13.2 | 4.6 | 4.6 |

See footnotes at end of table.

| Industry ${ }^{3}$ | Percent of industry case total involving - |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Parts and materials | Worker motion or position | Floors, walkways, or ground surfaces | Handtools | Vehicles | Health care patient | All other sources ${ }^{5}$ |
| Hospitals | 1.1 | 13.3 | 19.3 | 1.3 | 3.9 | 30.6 | 13.0 |
| General medical and surgical hospitals ..... | 1.1 | 13.3 | 19.4 | 1.3 | 4.0 | 29.9 | 13.0 |
| Psychiatric and substance abuse hospitals | - | 8.2 | 17.9 | 1.1 | 3.3 | 45.7 | 13.6 |
| Specialty (except psychiatric and substance abuse) hospitals | 7 | 15.8 | 16.7 | 1.5 | 3.0 | 37.4 | 12.3 |
| Nursing and residential care facilities ............ | . 7 | 9.9 | 20.2 | 1.2 | 3.2 | 40.5 | 13.9 |
| Nursing care facilities ......................... | . 6 | 9.8 | 19.1 | . 9 | 1.7 | 45.0 | 12.0 |
| Residential mental retardation, mental health and substance abuse facilities | . 4 | 8.1 | 22.5 | 1.0 | 10.6 | 31.8 | 17.8 |
| Community care facilities for the elderly ..... | . 8 | 11.1 | 21.3 | 2.4 | 2.7 | 37.0 | 13.0 |
| Other residential care facilities ................. | 1.7 | 10.6 | 24.6 | . 8 | 5.6 | 22.7 | 27.5 |
| Social assistance .................... | 1.1 | 11.5 | 29.6 | 1.7 | 8.3 | 9.8 | 22.2 |
| Individual and family services ................... | . 3 | 8.4 | 26.6 | 2.1 | 9.9 | 15.2 | 23.3 |
| Child and youth services ...................... | - | 5.5 | 24.8 | 11.0 | 4.6 | 6.4 | 24.8 |
| Services for the elderly and persons with disabilities $\qquad$ | . 3 | 8.7 | 26.0 | . 9 | 8.8 | 19.2 | 23.1 |
| Other individual and family services ...... | - | 9.3 | 30.0 | 1.3 | 17.3 | 4.0 | 22.7 |
| Community food and housing, and emergency and other relief services | - | 14.0 | 34.7 | - | 12.7 | 6.7 | 18.7 |
| Community food services ..................... | - | - | 19.2 | - | 34.6 | - | 11.5 |
| Community housing services | - | 23.1 | 16.7 | - | 7.7 | 7.7 | 29.5 |
| Emergency and other relief services ...... | - | - | 74.5 | - | 8.5 | 8.5 | - |
| Vocational rehabilitation services .............. | 3.6 | 10.9 | 26.6 | 1.5 | 7.9 | 8.9 | 17.4 |
| Child day care services .......................... | - | 17.6 | 37.8 | 1.4 | 4.1 | - | 26.7 |
| Leisure and hospitality ..................... | 2.7 | 11.8 | 24.9 | 7.7 | 4.5 | - | 18.9 |
| Arts, entertainment, and recreation ....... | 5.7 | 17.8 | 19.7 | 4.3 | 7.7 | - | 25.2 |
| Performing arts, spectator sports, and related industries | 6.9 | 29.2 | 16.1 | 1.7 | 3.6 | - | 34.4 |
| Performing arts companies ...................... | 6.4 | 38.5 | 19.2 | 3.8 | - | - | 19.2 |
| Spectator sports ................................... | 2.1 | 29.7 | 12.3 | 1.0 | 2.6 | - | 47.2 |
| Spectator sports ................................. | 2.1 | 29.7 | 12.3 | 1.0 | 2.6 | - | 47.2 |
| Sports teams and clubs ................... | - | 37.1 | 6.1 | - |  | - | 53.8 |
| Racetracks ............... | 5.4 | 16.2 | 24.3 | 5.4 | 8.1 | - | 27.0 |
| Other spectator sports ..................... | - | 11.5 | 26.9 | - | 7.7 | - | 42.3 |
| Promoters of performing arts, sports, and similar events | 31.1 | 6.7 | 20.0 | - | 11.1 | - | 11.1 |
| Agents and managers for artists, athletes, entertainers, and other public figures ....... Independent artists, writers, and | - | - | - | - | - | - | - |
| performers | - | 34.1 | 22.0 | - | - | - | 24.4 |
| Museums, historical sites, and similar institutions | 7.5 | 15.0 | 28.3 | 4.2 | 3.3 | - | 22.5 |
| Amusement, gambling, and recreation industries $\qquad$ | 5.2 | $14.0$ | 19.9 | 5.3 | 9.6 | - | 22.2 |
| Amusement parks and arcades ................ | 3.4 | 20.7 | 21.3 | - | 8.0 | - | 21.3 |

[^2]

See footnotes at end of table

| Industry ${ }^{3}$ | Percent of industry case total involving - |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Parts and materials | Worker motion or position | Floors, walkways, or ground surfaces | Handtools | Vehicles | Health care patient | All other sources ${ }^{5}$ |
| Amusement and theme parks .. | 3.6 | 21.0 | 21.0 | - | 7.8 | - | 21.0 |
| Gambling industries ................................ | 2.8 | 21.0 | 20.3 | 2.8 | 5.6 | - | 18.9 |
| Other amusement and recreation industries | 6.0 | 11.1 | 19.7 | 7.0 | 10.7 | - | 23.3 |
| Golf courses and country clubs ............. | 7.1 | 11.1 | 16.0 | 6.0 | 12.0 | - | 22.5 |
| Skiing facilities ................................... | 4.9 | 14.8 | 41.0 | 3.3 | 8.2 | - | 16.4 |
| Marinas ............................................. | 12.2 | - | 6.1 | 18.4 | 20.4 | - | 34.7 |
| Fitness and recreational sports centers | 3.6 | 9.6 | 25.1 | 7.2 | 7.8 | - | 20.4 |
| Bowling centers .................................. | - | - | 17.4 | - | - | - | 34.8 |
| All other amusement and recreation industries | 4.0 | 20.0 | 16.0 | 4.0 | 10.0 | - | 32.0 |
| Accommodation and food services ........ | 2.2 | 10.7 | 25.8 | 8.3 | 3.9 | - | 17.7 |
| Accommodation | 2.7 | 13.7 | 26.5 | 3.8 | 6.4 | - | 17.8 |
| Traveler accommodation | 2.7 | 14.0 | 25.3 | 3.6 | 6.6 | - | 17.7 |
| Hotels (except casino hotels) and motels | 2.8 | 14.1 | 25.2 | 3.6 | 6.3 | - | 18.3 |
| Casino hotels ..................................... | 1.9 | 14.3 | 26.3 | 2.3 | 8.9 | - | 13.9 |
| Other traveler accommodation .............. | - | - | - | - | - | - | - |
| Rv (recreational vehicle) parks and recreational camps | - | 4.3 | 55.1 | 7.2 | 2.9 | - | 23.2 |
| Rv (recreational vehicle) parks and recreational camps $\qquad$ <br> Rv (recreational vehicle) parks and | - | 4.3 | 55.1 | 7.2 | 2.9 | - | 23.2 |
| campgrounds | - | - | 41.7 | 16.7 | - | - | 29.2 |
| Recreational and vacation camps (except campgrounds) | - | - | 64.4 | - | - | - | 17.8 |
| Rooming and boarding houses ................ | - | - | - | - | - | - | - |
| Food services and drinking places ............... | 2.0 | 9.7 | 25.6 | 10.0 | 3.0 | - | 17.7 |
| Full-service restaurants | . 9 | 8.3 | 24.7 | 13.9 | . 7 | - | 17.8 |
| Limited-service eating places ................... | 2.9 | 11.2 | 26.7 | 6.7 | 4.8 | - | 17.8 |
| Limited-service eating places ................ | 2.9 | 11.2 | 26.7 | 6.7 | 4.8 | - | 17.8 |
| Limited-service restaurants ............... | 1.9 | 11.8 | 29.7 | 5.2 | 5.5 | - | 15.9 |
| Cafeterias | - | 9.1 | 21.8 | 16.4 | - | - | 29.1 |
| Special food services ............................. | 2.4 | 7.7 | 26.3 | 5.6 | 5.1 | - | 20.1 |
| Drinking places (alcoholic beverages) ........ | - | 8.2 | 10.2 | 30.6 | - | - | - |
| Other services | 12.5 | 14.4 | 17.1 | 7.9 | 9.7 | 0.7 | 16.9 |
| Other services, except public administration | 12.5 | 14.4 | 17.1 | 7.9 | 9.7 | . 7 | 16.9 |
| Repair and maintenance ............................ | 24.1 | 12.9 | 13.2 | 7.2 | 10.2 | - | 13.4 |
| Automotive repair and maintenance .......... | 28.8 | 12.8 | 12.3 | 6.6 | 9.0 | - | 14.8 |
| Electronic and precision equipment repair and maintenance | - | 9.6 | 10.8 | - | 51.8 | - | 9.6 |

See footnotes at end of table.

| Industry ${ }^{3}$ | NAICS code ${ }^{4}$ | Total cases | Percent of industry case total involving - |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  | Chemicals and chemical products | Containers | Furniture and fixtures | Machinery |
| Commercial and industrial machinery and equipment (except automotive and electronic) repair and maintenance | 8113 | 3,330 | - | 15.3 | - | 11.1 |
| Personal and household goods repair and maintenance $\qquad$ | 8114 | 690 | - | - | 7.2 | 15.9 |
| Personal and laundry services | 812 | 8,480 | 2.1 | 9.2 | 5.9 | 6.7 |
| Personal care services ............................ | 8121 | 1,190 | - | 5.9 | 13.4 | - |
| Death care services ................................ | 8122 | 1,490 | - | 8.7 | 6.0 | 5.4 |
| Drycleaning and laundry services ............. | 8123 | 4,160 | 3.6 | 10.3 | 5.5 | 11.5 |
| Other personal services .......................... | 8129 | 1,640 | 1.2 | 9.8 | 1.2 | - |
| Pet care (except veterinary) services ..... | 81291 | 600 | - | - | - | - |
| Photofinishing .................................... | 81292 | 70 | - | - | - | - |
| Parking lots and garages ..................... | 81293 | 750 | - | 12.0 | - | - |
| All other personal services ................... | 81299 | 220 | - | - | - | - |
| Religious, grantmaking, civic, professional, and similar organizations | 813 | 6,110 | . 7 | 10.0 | 5.4 | 4.3 |

See footnotes at end of table.

| Industry ${ }^{3}$ | Percent of industry case total involving - |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Parts and materials | Worker motion or position | Floors, walkways, or ground surfaces | Handtools | Vehicles | Health care patient | All other sources ${ }^{5}$ |
| Commercial and industrial machinery and equipment (except automotive and electronic) repair and maintenance $\qquad$ | 22.5 | 12.0 | 10.8 | 11.1 | 3.9 | - | 12.3 |
| Personal and household goods repair and maintenance | - | 21.7 | 39.1 | - | 4.3 | - | 7.2 |
| Personal and laundry services .................... | 2.4 | 16.9 | 13.7 | 13.0 | 11.3 | 0.2 | 18.8 |
| Personal care services | - | 37.8 | 14.3 | 20.2 | - | - | 6.7 |
| Death care services | - | 10.1 | 11.4 | 38.3 | 10.1 | - | 7.4 |
| Drycleaning and laundry services ............ | 3.4 | 16.1 | 11.3 | 6.0 | 12.7 | - | 19.2 |
| Other personal services ......................... | - | 9.8 | 21.3 | 1.8 | 16.5 | - | 36.6 |
| Pet care (except veterinary) services .... | - | - | 31.7 | - | - | - | 56.7 |
| Photofinishing ................................. | - | 42.9 | , | - | - 7 | - | - |
| Parking lots and garages .................... | - | 10.7 | 13.3 | 2.7 | 22.7 | - | 32.0 |
| All other personal services .................. | - | 13.6 | 22.7 | - | 40.9 | - | - |
| Religious, grantmaking, civic, professional, and similar organizations | 1.8 | 14.6 | 30.3 | 2.3 | 6.4 | 2.9 | 21.4 |

1 Days-away-from-work cases include those that resulted in days away from work, some of which also included job transfer or restriction.
2 Data shown in columns correspond to the following Source codes: Chemicals and chemical products $=00-09$; Containers $=10-19$; Furniture and fixtures $=20-29$; Machinery $=30-39$; Parts and materials $=40-49$ and fixtures $=20-29 ;$ Machinery $=30-39 ;$ Parts and materials $=40-49$ Handtools = 71-73; Vehicles $=80-89$; Health care patient $=573$; All othe sources = all remaining codes, including 9999 (Nonclassifiable). These codes are based on the 1992 Occupational Injury and lilness Classification System developed by the Bureau of Labor Statistics

3 Totals include data for industries not shown separately.
North American Industry Classification System — United States, 2002
5 Includes nonclassifiable responses.
6 Excludes farms with fewer than 11 employees.
7 Data for Mining (Sector 21 in the North American Industry Classification System-- United States, 2002) include establishments no governed by the Mine Safety and Health Administration rules and reporting,
such as those in Oil and Gas Extraction and related support activities. Data such as those in Oil and Gas Extraction and related support activities. Data or mining operators in coal, metal, and nonmetal mining are provided to abor. Independent mining contractors are excluded from the coal, metal,
and nonmetal mining industries. These data do not reflect the changes the and requirements effective January 1, 2002. therefore, estimates for thes industries are not comparable to estimates in other industries. 8 dries are not comparable to estimates in other industries Mine Safety and Health Administration, U.S. Department 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, estimate for these industries are not comparable to estimates in other industries.

Data for employers in rail transportation are provided to BLS by the Federal Railroad Administration, U.S. Department of Transportation

10 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 IIInesses in cooperation with participating Stat agencies


[^0]:    See footnotes at end of table

[^1]:    See footnotes at end of table

[^2]:    See footnotes at end of table

