

TABLE A-4. Fatal occupational injuries by primary and secondary source of injury for all fatal injuries and by major private industry<sup>1</sup> sector, Oregon, 2014

| Primary source and secondary source <sup>2</sup>     | Total fatal injuries (number) | Goods producing       |   |              |               | Service providing       |                                     |             |                      |                                    |                                 |                         |                |
|--|-------------------------------|-----------------------|---|--------------|---------------|-------------------------|-------------------------------------|-------------|----------------------|------------------------------------|---------------------------------|-------------------------|----------------|
|  |                               | Total goods producing | Natural resources and mining <sup>3</sup> | Construction | Manufacturing | Total service providing | Trade, transportation and utilities | Information | Financial activities | Professional and business services | Educational and health services | Leisure and hospitality | Other services |
| <b>Total</b>   | 69                            | 29                    | 20  | 6            | 3             | 34                      | 18                                  | --          | 3                    | 5                                  | --                              | 2                       | 4              |
| <b>Primary Source<sup>4</sup></b>                    |                               |                       |   |              |               |                         |                                     |             |                      |                                    |                                 |                         |                |
| <b>Containers, furniture, and fixtures</b>           | 1                             | --                    | --  | --           | --            | 1                       | --                                  | --          | --                   | --                                 | --                              | --                      | 1              |
| Containers   | 1                             | --                    | --  | --           | --            | 1                       | --                                  | --          | --                   | --                                 | --                              | --                      | 1              |
| Containers--pressurized                              | 1                             | --                    | --  | --           | --            | 1                       | --                                  | --          | --                   | --                                 | --                              | --                      | 1              |
| <b>Machinery</b>                                     | 5                             | 4                     | --  | --           | 2             | --                      | --                                  | --          | --                   | --                                 | --                              | --                      | --             |
| Material and personnel handling machinery            | --                            | 1                     | --  | --           | 1             | --                      | --                                  | --          | --                   | --                                 | --                              | --                      | --             |
| Conveyors--powered                                   | 1                             | 1                     | --  | --           | 1             | --                      | --                                  | --          | --                   | --                                 | --                              | --                      | --             |
| Conveyors--chain                                     | 1                             | 1                     | --  | --           | 1             | --                      | --                                  | --          | --                   | --                                 | --                              | --                      | --             |
| Metal, woodworking, and special material machinery   | 1                             | 1                     | --  | --           | 1             | --                      | --                                  | --          | --                   | --                                 | --                              | --                      | --             |
| Presses, except printing                             | 1                             | 1                     | --  | --           | 1             | --                      | --                                  | --          | --                   | --                                 | --                              | --                      | --             |
| <b>Parts and materials</b>                           | 2                             | 1                     | --  | --           | 1             | --                      | --                                  | --          | --                   | --                                 | --                              | --                      | --             |
| Building materials--solid elements                   | 1                             | 1                     | --  | --           | 1             | --                      | --                                  | --          | --                   | --                                 | --                              | --                      | --             |
| Structural metal materials                           | 1                             | 1                     | --  | --           | 1             | --                      | --                                  | --          | --                   | --                                 | --                              | --                      | --             |
| Metal plates, metal panels                           | 1                             | 1                     | --  | --           | 1             | --                      | --                                  | --          | --                   | --                                 | --                              | --                      | --             |
| Vehicle and mobile equipment parts                   | 1                             | --                    | --  | --           | --            | --                      | --                                  | --          | --                   | --                                 | --                              | --                      | --             |
| Vehicle doors, liftgates, tailgates                  | 1                             | --                    | --  | --           | --            | --                      | --                                  | --          | --                   | --                                 | --                              | --                      | --             |
| Tailgates  | 1                             | --                    | --  | --           | --            | --                      | --                                  | --          | --                   | --                                 | --                              | --                      | --             |
| <b>Persons, plants, animals, and minerals</b>        | 20                            | 10                    | 9   | --           | --            | 8                       | 5                                   | --          | --                   | --                                 | --                              | --                      | 1              |
| Animals  | 2                             | 2                     | 2   | --           | --            | --                      | --                                  | --          | --                   | --                                 | --                              | --                      | --             |
| Mammals, except humans                               | 2                             | 2                     | 2   | --           | --            | --                      | --                                  | --          | --                   | --                                 | --                              | --                      | --             |
| Cattle and other bovines                             | 1                             | 1                     | 1   | --           | --            | --                      | --                                  | --          | --                   | --                                 | --                              | --                      | --             |
| Horses and other equines                             | 1                             | 1                     | 1   | --           | --            | --                      | --                                  | --          | --                   | --                                 | --                              | --                      | --             |
| Person--injured or ill worker                        | 6                             | --                    | --  | --           | --            | 4                       | 2                                   | --          | --                   | --                                 | --                              | --                      | 1              |
| Person--other than injured or ill worker             | 5                             | --                    | --  | --           | --            | 4                       | 3                                   | --          | 1                    | --                                 | --                              | --                      | --             |
| Co-worker or work associate of injured or ill worker | 1                             | --                    | --  | --           | --            | 1                       | 1                                   | --          | --                   | --                                 | --                              | --                      | --             |
| Co-worker  | 1                             | --                    | --  | --           | --            | 1                       | 1                                   | --          | --                   | --                                 | --                              | --                      | --             |
| Other client or customer                             | 1                             | --                    | --  | --           | --            | 1                       | 1                                   | --          | --                   | --                                 | --                              | --                      | --             |
| Assailant, suspect, inmate                           | 2                             | --                    | --  | --           | --            | 1                       | 1                                   | --          | --                   | --                                 | --                              | --                      | --             |
| Robber   | 1                             | --                    | --  | --           | --            | 1                       | 1                                   | --          | --                   | --                                 | --                              | --                      | --             |
| Plants, trees, vegetation--not processed             | 6                             | 6                     | 6   | --           | --            | --                      | --                                  | --          | --                   | --                                 | --                              | --                      | --             |
| Trees, logs, limbs                                   | 6                             | 6                     | 6   | --           | --            | --                      | --                                  | --          | --                   | --                                 | --                              | --                      | --             |
| Trees  | 5                             | 5                     | 5   | --           | --            | --                      | --                                  | --          | --                   | --                                 | --                              | --                      | --             |
| <b>Structures and surfaces</b>                       | 4                             | --                    | --  | --           | --            | 3                       | --                                  | --          | --                   | --                                 | --                              | --                      | --             |
| Floors, walkways, ground surfaces                    | 3                             | --                    | --  | --           | --            | --                      | --                                  | --          | --                   | --                                 | --                              | --                      | --             |
| Stairs, steps, escalators                            | 1                             | --                    | --  | --           | --            | --                      | --                                  | --          | --                   | --                                 | --                              | --                      | --             |
| Stairs, steps--outdoors                              | 1                             | --                    | --  | --           | --            | --                      | --                                  | --          | --                   | --                                 | --                              | --                      | --             |
| <b>Tools, instruments, and equipment</b>             | 2                             | --                    | --  | --           | --            | 2                       | --                                  | --          | --                   | --                                 | --                              | 1                       | 1              |
| Ladders  | 2                             | --                    | --  | --           | --            | 2                       | --                                  | --          | --                   | --                                 | --                              | 1                       | 1              |
| Movable--ladders                                     | 2                             | --                    | --  | --           | --            | 2                       | --                                  | --          | --                   | --                                 | --                              | 1                       | 1              |
| Step ladders   | 1                             | --                    | --  | --           | --            | 1                       | --                                  | --          | --                   | --                                 | --                              | --                      | 1              |
| <b>Vehicles</b>                                      | 30                            | 10                    | 7   | 3            | --            | 17                      | 12                                  | --          | --                   | 4                                  | --                              | --                      | --             |
| Highway vehicles, motorized                          | 26                            | 7                     | 5   | 2            | --            | 16                      | 11                                  | --          | --                   | 4                                  | --                              | --                      | --             |
| Trucks--motorized freight hauling and utility        | 17                            | 3                     | 2   | 1            | --            | 13                      | 11                                  | --          | --                   | 1                                  | --                              | --                      | --             |
| Semi, tractor-trailer, tanker truck                  | 14                            | 2                     | 2   | --           | --            | 12                      | 11                                  | --          | --                   | --                                 | --                              | --                      | --             |
| Dump truck   | 2                             | --                    | --  | --           | --            | 1                       | --                                  | --          | --                   | 1                                  | --                              | --                      | --             |
| Multi-purpose highway vehicles                       | 7                             | 4                     | 3   | 1            | --            | --                      | --                                  | --          | --                   | --                                 | --                              | --                      | --             |
| Pickup truck   | 5                             | 4                     | 3   | 1            | --            | 1                       | --                                  | --          | --                   | 1                                  | --                              | --                      | --             |
| SUV, sports utility vehicle                          | 2                             | --                    | --  | --           | --            | --                      | --                                  | --          | --                   | --                                 | --                              | --                      | --             |
| Off-road or industrial vehicles--powered             | 3                             | 2                     | 2   | --           | --            | --                      | --                                  | --          | --                   | --                                 | --                              | --                      | --             |
| Off-road passenger vehicles--powered                 | 1                             | 1                     | 1   | --           | --            | --                      | --                                  | --          | --                   | --                                 | --                              | --                      | --             |
| ATV, all terrain vehicle                             | 1                             | 1                     | 1   | --           | --            | --                      | --                                  | --          | --                   | --                                 | --                              | --                      | --             |
| Tractors, PTOs                                       | 1                             | 1                     | 1   | --           | --            | --                      | --                                  | --          | --                   | --                                 | --                              | --                      | --             |
| Farm tractor   | 1                             | 1                     | 1   | --           | --            | --                      | --                                  | --          | --                   | --                                 | --                              | --                      | --             |
| <b>Other sources</b>                                 | 3                             | --                    | --  | --           | --            | 1                       | --                                  | --          | --                   | --                                 | --                              | 1                       | --             |

See footnotes at the end of the document

TABLE A-4. Fatal occupational injuries by primary and secondary source of injury for all fatal injuries and by major private industry<sup>1</sup> sector, Oregon, 2014

| Primary source and secondary source <sup>2</sup>            | Total fatal injuries (number) | Goods producing       |   |              |               | Service providing       |                                     |             |                      |                                    |                                 |                         |                |
|---|-------------------------------|-----------------------|---|--------------|---------------|-------------------------|-------------------------------------|-------------|----------------------|------------------------------------|---------------------------------|-------------------------|----------------|
|   |                               | Total goods producing | Natural resources and mining <sup>3</sup> | Construction | Manufacturing | Total service providing | Trade, transportation and utilities | Information | Financial activities | Professional and business services | Educational and health services | Leisure and hospitality | Other services |
| Environmental and elemental conditions                      | 3                             | --                    | --  | --           | --            | 1                       | --                                  | --          | --                   | --                                 | --                              | 1                       | --             |
| Avalanche, mudslide   | 1                             | --                    | --  | --           | --            | 1                       | --                                  | --          | --                   | --                                 | --                              | 1                       | --             |
| <b>Secondary Source<sup>5</sup></b>                         |                               |                       |   |              |               |                         |                                     |             |                      |                                    |                                 |                         |                |
| <b>Chemicals and chemical products</b>                      | --                            | --                    | --  | --           | --            | 1                       | --                                  | --          | --                   | --                                 | --                              | --                      | 1              |
| Other chemicals   | 1                             | --                    | --  | --           | --            | 1                       | --                                  | --          | --                   | --                                 | --                              | --                      | 1              |
| Oxygen and oxygen compounds                                 | 1                             | --                    | --  | --           | --            | 1                       | --                                  | --          | --                   | --                                 | --                              | --                      | 1              |
| Carbon monoxide   | 1                             | --                    | --  | --           | --            | 1                       | --                                  | --          | --                   | --                                 | --                              | --                      | 1              |
| <b>Containers, furniture, and fixtures</b>                  | 3                             | 1                     | --  | 1            | --            | 2                       | 1                                   | --          | --                   | --                                 | --                              | 1                       | --             |
| Containers  | 2                             | 1                     | --  | 1            | --            | 1                       | 1                                   | --          | --                   | --                                 | --                              | --                      | --             |
| Containers--nonpressurized                                  | 1                             | --                    | --  | --           | --            | 1                       | 1                                   | --          | --                   | --                                 | --                              | --                      | --             |
| Boxes, crates, cartons                                      | 1                             | --                    | --  | --           | --            | 1                       | 1                                   | --          | --                   | --                                 | --                              | --                      | --             |
| Containers--variable restraint                              | 1                             | 1                     | --  | 1            | --            | --                      | --                                  | --          | --                   | --                                 | --                              | --                      | --             |
| Reels, rolls, spools, coils, cones                          | 1                             | 1                     | --  | 1            | --            | --                      | --                                  | --          | --                   | --                                 | --                              | --                      | --             |
| Furniture and fixtures                                      | 1                             | --                    | --  | --           | --            | 1                       | --                                  | --          | --                   | --                                 | --                              | 1                       | --             |
| Lighting fixtures and equipment                             | 1                             | --                    | --  | --           | --            | 1                       | --                                  | --          | --                   | --                                 | --                              | 1                       | --             |
| <b>Parts and materials</b>                                  | 4                             | --                    | --  | --           | --            | --                      | 1                                   | --          | --                   | --                                 | --                              | --                      | --             |
| Fasteners, connectors, ropes, ties                          | 3                             | --                    | --  | --           | --            | --                      | 1                                   | --          | --                   | --                                 | --                              | --                      | --             |
| Ropes, ties, chains   | 3                             | --                    | --  | --           | --            | --                      | 1                                   | --          | --                   | --                                 | --                              | --                      | --             |
| Rope, twine, string   | 3                             | --                    | --  | --           | --            | --                      | 1                                   | --          | --                   | --                                 | --                              | --                      | --             |
| <b>Persons, plants, animals, and minerals</b>               | 6                             | 5                     | 5   | --           | --            | --                      | --                                  | --          | --                   | --                                 | --                              | --                      | --             |
| Nonmetallic minerals, except fuel                           | 1                             | 1                     | 1   | --           | --            | --                      | --                                  | --          | --                   | --                                 | --                              | --                      | --             |
| Rocks, crushed stone  | 1                             | 1                     | 1   | --           | --            | --                      | --                                  | --          | --                   | --                                 | --                              | --                      | --             |
| Plants, trees, vegetation--not processed                    | 5                             | 4                     | 4   | --           | --            | --                      | --                                  | --          | --                   | --                                 | --                              | --                      | --             |
| Trees, logs, limbs  | 5                             | 4                     | 4   | --           | --            | --                      | --                                  | --          | --                   | --                                 | --                              | --                      | --             |
| Trees   | 5                             | 4                     | 4   | --           | --            | --                      | --                                  | --          | --                   | --                                 | --                              | --                      | --             |
| <b>Structures and surfaces</b>                              | 5                             | 3                     | 1   | --           | 1             | --                      | --                                  | --          | --                   | 1                                  | --                              | --                      | --             |
| Confined spaces   | 1                             | --                    | --  | --           | --            | --                      | --                                  | --          | --                   | --                                 | --                              | --                      | --             |
| Other confined spaces                                       | 1                             | --                    | --  | --           | --            | --                      | --                                  | --          | --                   | --                                 | --                              | --                      | --             |
| Crawl spaces  | 1                             | --                    | --  | --           | --            | --                      | --                                  | --          | --                   | --                                 | --                              | --                      | --             |
| Buildings--office, plant, residential                       | 1                             | --                    | --  | --           | --            | 1                       | --                                  | --          | --                   | 1                                  | --                              | --                      | --             |
| Medical buildings, except institutional residential         | 1                             | --                    | --  | --           | --            | 1                       | --                                  | --          | --                   | 1                                  | --                              | --                      | --             |
| Structures other than buildings                             | --                            | 1                     | 1   | --           | --            | --                      | --                                  | --          | --                   | --                                 | --                              | --                      | --             |
| Other structures  | --                            | 1                     | 1   | --           | --            | --                      | --                                  | --          | --                   | --                                 | --                              | --                      | --             |
| Guardrails, road dividers                                   | --                            | 1                     | 1   | --           | --            | --                      | --                                  | --          | --                   | --                                 | --                              | --                      | --             |
| Other structural elements                                   | 1                             | 1                     | --  | --           | 1             | --                      | --                                  | --          | --                   | --                                 | --                              | --                      | --             |
| Trusses, girders, beams--structurally attached              | 1                             | 1                     | --  | --           | 1             | --                      | --                                  | --          | --                   | --                                 | --                              | --                      | --             |
| Girders, beams, structural steel                            | 1                             | 1                     | --  | --           | 1             | --                      | --                                  | --          | --                   | --                                 | --                              | --                      | --             |
| <b>Tools, instruments, and equipment</b>                    | 6                             | --                    | --  | --           | --            | 4                       | 3                                   | --          | --                   | --                                 | --                              | --                      | 1              |
| Handtools--nonpowered                                       | 1                             | --                    | --  | --           | --            | 1                       | 1                                   | --          | --                   | --                                 | --                              | --                      | --             |
| Other handtools--nonpowered                                 | 1                             | --                    | --  | --           | --            | 1                       | 1                                   | --          | --                   | --                                 | --                              | --                      | --             |
| Handtools--powered  | --                            | --                    | --  | --           | --            | 1                       | --                                  | --          | --                   | --                                 | --                              | --                      | 1              |
| Surfacing handtools--powered                                | 1                             | --                    | --  | --           | --            | 1                       | --                                  | --          | --                   | --                                 | --                              | --                      | 1              |
| Hand grinders--powered                                      | 1                             | --                    | --  | --           | --            | 1                       | --                                  | --          | --                   | --                                 | --                              | --                      | 1              |
| Firearms, law enforcement, and other self-defense equipment | 3                             | --                    | --  | --           | --            | 2                       | 2                                   | --          | --                   | --                                 | --                              | --                      | --             |
| Firearms  | 3                             | --                    | --  | --           | --            | 2                       | 2                                   | --          | --                   | --                                 | --                              | --                      | --             |
| Pistol, handgun, revolver                                   | 1                             | --                    | --  | --           | --            | 1                       | 1                                   | --          | --                   | --                                 | --                              | --                      | --             |
| Rifle, shotgun  | 1                             | --                    | --  | --           | --            | 1                       | 1                                   | --          | --                   | --                                 | --                              | --                      | --             |
| <b>Vehicles</b>   | 10                            | 2                     | 1   | --           | 1             | 6                       | 4                                   | --          | --                   | --                                 | --                              | --                      | --             |
| Highway vehicles, motorized                                 | 9                             | 1                     | 1   | --           | --            | 6                       | 4                                   | --          | --                   | --                                 | --                              | --                      | --             |
| Passenger vehicle--automobiles, buses, and passenger vans   | --                            | 1                     | 1   | --           | --            | --                      | --                                  | --          | --                   | --                                 | --                              | --                      | --             |
| Automobile  | --                            | 1                     | 1   | --           | --            | --                      | --                                  | --          | --                   | --                                 | --                              | --                      | --             |
| Trucks--motorized freight hauling and utility               | 6                             | --                    | --  | --           | --            | 5                       | 4                                   | --          | --                   | --                                 | --                              | --                      | --             |
| Semi, tractor-trailer, tanker truck                         | 5                             | --                    | --  | --           | --            | 5                       | 4                                   | --          | --                   | --                                 | --                              | --                      | --             |
| Dump truck  | 1                             | --                    | --  | --           | --            | --                      | --                                  | --          | --                   | --                                 | --                              | --                      | --             |
| Off-road or industrial vehicles--powered                    | 1                             | 1                     | --  | --           | 1             | --                      | --                                  | --          | --                   | --                                 | --                              | --                      | --             |

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**TABLE A-4. Fatal occupational injuries by primary and secondary source of injury for all fatal injuries and by major private industry<sup>1</sup> sector, Oregon, 2014**

| Primary source and secondary source <sup>2</sup>             | Total fatal injuries (number) | Goods producing       |   |              |               | Service providing       |                                     |             |                      |                                    |                                 |                         |                |
|--|-------------------------------|-----------------------|---|--------------|---------------|-------------------------|-------------------------------------|-------------|----------------------|------------------------------------|---------------------------------|-------------------------|----------------|
|  |                               | Total goods producing | Natural resources and mining <sup>3</sup> | Construction | Manufacturing | Total service providing | Trade, transportation and utilities | Information | Financial activities | Professional and business services | Educational and health services | Leisure and hospitality | Other services |
| Industrial vehicles, material hauling and transport--powered | 1                             | 1                     | --  | --           | 1             | --                      | --                                  | --          | --                   | --                                 | --                              | --                      | --             |
| Forklift, order picker, platform truck--powered              | 1                             | 1                     | --  | --           | 1             | --                      | --                                  | --          | --                   | --                                 | --                              | --                      | --             |
| <b>Other sources</b>   | <b>4</b>                      | <b>3</b>              | <b>3</b>                                  | <b>--</b>    | <b>--</b>     | <b>1</b>                | <b>1</b>                            | <b>--</b>   | <b>--</b>            | <b>--</b>                          | <b>--</b>                       | <b>--</b>               | <b>--</b>      |
| Environmental and elemental conditions                       | 4                             | 3                     | 3   | --           | --            | 1                       | 1                                   | --          | --                   | --                                 | --                              | --                      | --             |
| Weather and atmospheric conditions                           | 4                             | 3                     | 3   | --           | --            | 1                       | 1                                   | --          | --                   | --                                 | --                              | --                      | --             |
| Fog  | 4                             | 3                     | 3   | --           | --            | 1                       | 1                                   | --          | --                   | --                                 | --                              | --                      | --             |

<sup>1</sup> CFOI has used several versions of the North American Industry Classification System (NAICS) since 2003 to define industry. For more information on the version of NAICS used in this year, see our definitions page at <http://www.bls.gov/iif/oshcdef.htm>.

<sup>2</sup> Based on the BLS Occupational Injury and Illness Classification System (OIICS) 2.01 implemented for 2011 data forward.

<sup>3</sup> Includes fatal injuries at all establishments categorized as Mining (Sector 21) in the North American Industry Classification System, including establishments not governed by the Mine Safety and Health Administration (MSHA) rules and reporting, such as those in Oil and Gas Extraction.

<sup>4</sup> The primary source of a fatal occupational injury is the object, substance, person, bodily motion, or exposure which most directly led to, produced, or inflicted the injury or illness.

<sup>5</sup> The secondary source of a fatal occupational injury is the object, substance, person, or exposure, other than the source, if any, which most actively generated the source or contributed to the injury or illness.

Note: Data are revised and final. Totals for major categories may include subcategories not shown separately. Dashes indicate no data reported or data that do not meet publication criteria. N.e.c. means "not elsewhere classified." CFOI fatality counts exclude illness-related deaths unless precipitated by an injury event.

Source: U.S. Department of Labor, Bureau of Labor Statistics, in cooperation with state, New York City, District of Columbia, and federal agencies, Census of Fatal Occupational Injuries, April 2016.