

2023

Occupational Fatalities in Oregon

ANNUAL REPORT



OREGON FATALITY ASSESSMENT & CONTROL EVALUATION (OR-FACE)

FACE

Definitions

The Oregon Fatality Assessment and Control Evaluation (OR-FACE)

program investigates work-related fatalities that are caused by a traumatic injury and that occurred within Oregon.

A **location** within Oregon means the incident, or some portion of the event or exposure, occurred within the geographical boundaries of the state of Oregon, including the coastal waters, airspace, and subterranean portions of the state.

A **work relationship** exists if an incident occurred (a) on the employer's premises and the person was there to work, or (b) off the employer's premises and the person was there to work, or the event or exposure was related to the person's work or status as an employee.

Work is defined as duties, activities, or tasks that produce a product or result, are done in exchange for money, goods, services, profit, or benefit, and are legal activities.

Acronyms

BLS	U.S. Bureau of Labor Statistics
CDC	Centers for Disease Control and Prevention
CFOI	U.S. Census of Fatal Occupational Injuries
NAICS	North American Industry Classification System
NIOSH	National Institute for Occupational Safety and Health
NTSB	National Transportation Safety Board
NVDRS	National Violent Death Reporting System
OHA	Oregon Health Authority
OIICS	Occupational Injury and Illness Classification System
OSHA	Occupational Safety and Health Administration
SOC	Standard Occupational Classification
DCBS	Department of Consumer and Business Services
OERS	Oregon Emergency Response System

In Scope

- Self-employed, family, or volunteer workers, exposed to the same work hazards and performed the same duties or functions as paid employees, and that meet the work-relationship criteria.
- Suicides and homicides that occurred at a worksite (included in OR-FACE scope since 2011).
- Fatal events or exposures that occurred when a person was in travel status, if the travel was for work purposes, or was a condition of employment (excluding commute).

Out of Scope

- Institutionalized persons, including inmates of penal and mental institutions, sanitariums, and homes for the aged, infirm and needy, unless employed off the premises of their institutions.
- Fatal heart attacks and strokes, unless causally related to a traumatic injury or exposure.
- Fatal events or exposures that occurred during a person's recreational activities that are not required by the employer.
- Fatal events or exposures that occurred during a person's commute to or from work.
- Fatal events or exposures of those in a military occupation. OR-FACE erroneously included some of these deaths in previous reporting years (until 2017).
- A fatal event that was solely the result of exposure to infectious disease (including COVID-19).

Adapted from Bureau of Labor Statistics (2001), *Census of Fatal Occupational Injuries: Definitions*. U.S. Department of Labor. Available online (April 13, 2017) <https://stats.bls.gov/iif/oshcdef.htm>

2023

ANNUAL REPORT

Oregon Fatality Assessment and Control Evaluation

This report is dedicated to the people in Oregon who have lost their lives as the result of traumatic workplace injuries, in the hope that better understanding of these fatal incidents may help to save the lives of other workers in similar situations.

Oregon FACE Program

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OR-FACE is supported by the National Institute for Occupational Safety and Health (grant #U60OH012411).

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INTRODUCTION

In 2023, OR-FACE recorded 70 fatal occupational incidents resulting in worker deaths. The number represents a rate of 3.36 fatalities per 100,000 employed workers in the civilian labor force in Oregon. The national worker fatality rate in 2022 was 3.5 per 100,000 full-time equivalent workers.

The following notable trends occurred in 2023

- » The total number of fatalities was the fourth highest recorded year in OR-FACE history. In 2006, 2003, and 2021, there were 79, 76, and 72 worker deaths, respectively.
- » The agriculture industry had the highest number of fatalities, followed by transportation and construction. These three industries have been among the top four industries for fatalities in each year in the past decade (see pg. 13).
- » Fatal cases from transportation (motor vehicle) exceeded all other events, followed by violence and other injuries by persons or animals, and slips, trips, and falls. Motor vehicle incidents have the highest number of cumulative events through 2023 (see pg. 14).

REPORT HIGHLIGHTS

OR-FACE conducts surveillance, investigation, assessment, and outreach related to traumatic occupational fatalities in Oregon (see pg. 5–6).

OR-FACE published 3 investigation reports, 1 blogs, 1 annual report, and 4 hazard alerts (see pg. 7–8).

Characteristics of fatal events and the workers involved are quantified in charts (see pg. 9–17).

Abstracts provide a brief description and contributing factors of each incident (see pg. 18–33).

About OR-FACE, online resources and provide feedback (see pg. 35 and back cover).



CORE ACTIVITIES

ASSESSMENT

When fatalities are identified as FACE cases, sufficient data are collected about each incident to analyze and develop case abstracts. Assessment data sources for each case include Oregon OSHA investigation reports, medical examiner reports, police reports, news reports, workers’ compensation records, and occasionally other records such as business profiles, hospital or emergency response records, or investigation reports from other sources.

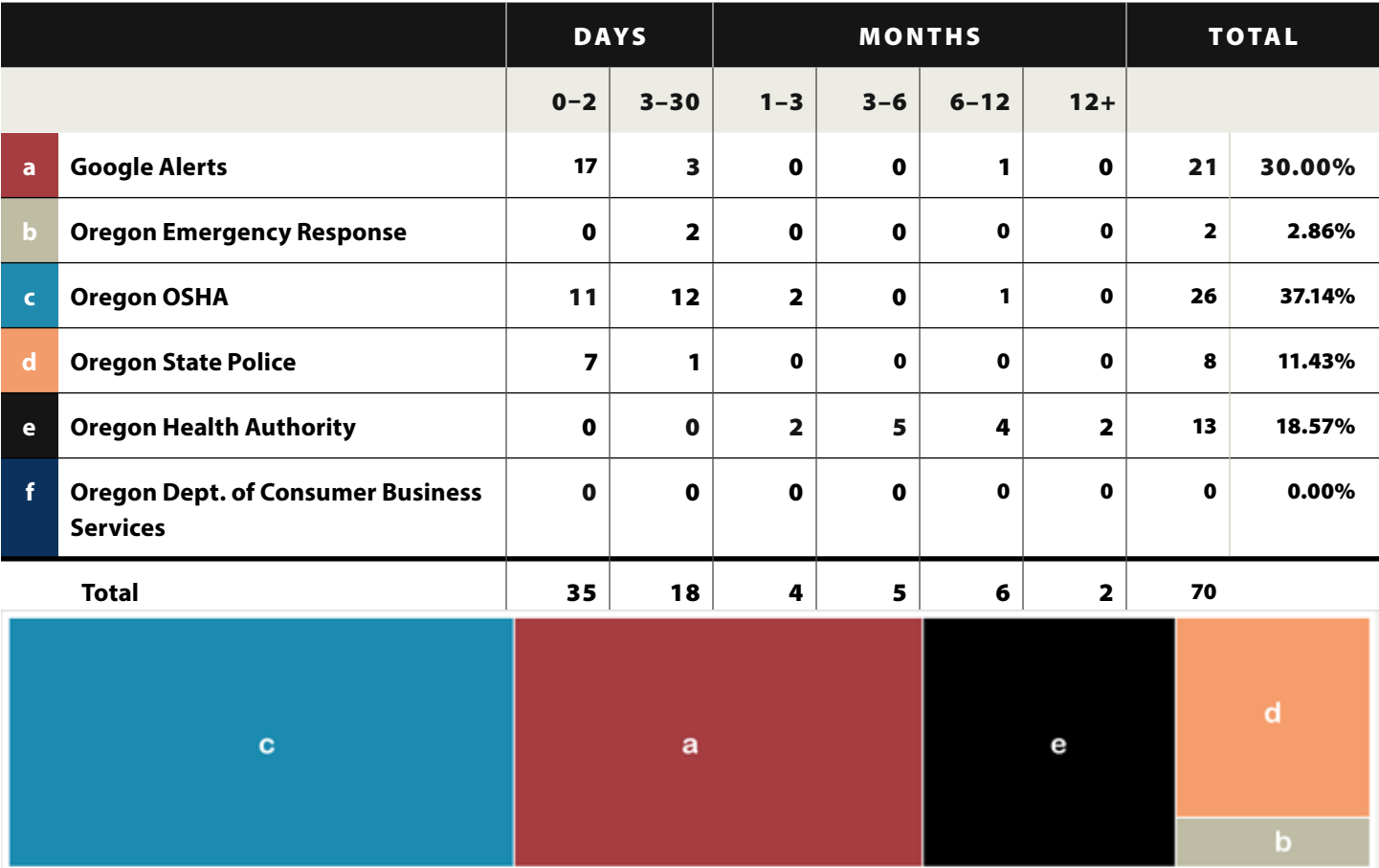
OR-FACE analyzes incident data to identify and summarize trends. Incidents are coded and analyzed by industry (NAICS), occupation (SOC), and event (OIICS), as well as by demographic and other variables, such as the specific source or setting of the injury. Incident abstracts are created to explain each fatality with the aim of preventing similar fatal incidents in the future.

SURVEILLANCE

- The OR-FACE surveillance system is comprised of:
1. Fatality Intake Forms (FIF) supplied by OR-OSHA
 2. Quarterly reports from Oregon Health Authority (OHA)’s Vital Statistics of death certificates marked “at work”
 3. Death certificate and Census of Fatal Occupational Injuries (CFOI) data from the OHA
 4. Consultations with a Department of Consumer and Business Services (DCBS) analyst
 5. Reports from Oregon State Police (OSP)
 6. Reports from Oregon Emergency Response System (OERS)
 7. Monitoring of programmed Google keyword alerts such as: Oregon, drowning, body found, killed, occupational safety and health, crash, suicide, Coast Guard, fatal, died, fisherman, work, fishing boat, death investigation, fall, occupational fatalities

For 2023 the majority of first notifications regarding work-related fatalities originated from Oregon OSHA; other first notifications came from news media and other state agencies (see below).

NOTIFICATIONS | Timing of first notification following incident



The sum of notifications may not equal 100% due to rounding.

INVESTIGATION

In-depth investigations of selected cases are conducted by an OR-FACE fatality investigator/outreach specialist. Investigations may be completed independently, in collaboration with OR-OSHA investigators, or with contractors with relevant industry-specific expertise, as needed. Cases are selected based on industries and occupations highly representative of Oregon, NIOSH areas of focus, and/or areas where there is a perceived gap in knowledge. Investigation reports are reviewed by professional safety experts and NIOSH prior to publication. Investigation reports seek to draw urgent attention to the root causes of fatal workplace incidents, and to provide recommendations for preventing similar fatal injuries. Three investigation reports were published in 2023 (see pg. 8).

OUTREACH AND DOCUMENT DISTRIBUTION

371	<u>OR-FACE Report: Heavy Equipment Operator and Rancher Crushed by Excavator</u> GIVEN TO OR-FACE mailing list	4	<u>Protecting Yourself from Cold Stress(English & Spanish)</u> GIVEN TO Orchard & Vineyard Supply
367	<u>2021 Annual Report</u> GIVEN TO OR-FACE mailing list	4	<u>Can you Identify Fatal Hazards on your Farm or Ranch?(English & Spanish)</u> GIVEN TO Orchard & Vineyard Supply
367	<u>OR-FACE Report: Two Workers Killed in Boom Lift Rollover</u> GIVEN TO OR-FACE mailing list	4	<u>OR-FACE Report: Farm Worker Crushed in ATV Rollover During Herbicide Application on a Hillside (English & Spanish)</u> GIVEN TO Orchard & Vineyard Supply
364	<u>Workplace Violence Hazard Alert</u> GIVEN TO OR-FACE mailing list	3	<u>OSHA Work Poster: Tips to prevent heat-related illnesses at work (Spanish)</u> GIVEN TO Orchard & Vineyard Supply
363	<u>Runover/Backover Hazard Alert</u> GIVEN TO OR-FACE mailing list	3	<u>OR-FACE publications</u> FEATURED ON <i>Safety News Alert and Safety & Health Magazine</i>
362	<u>Roadside Safety Hazard Alert</u> GIVEN TO OR-FACE mailing list	2	<u>2020 Annual Report</u> GIVEN TO Orchard & Vineyard Supply
362	<u>OR-FACE Report: Farm worker heat-related fatality</u> GIVEN TO OR-FACE mailing list	2	<u>Storage of agricultural pesticides</u> GIVEN TO Orchard & Vineyard Supply
361	<u>Young Employee Safety Hazard Alert</u> GIVEN TO OR-FACE mailing list	2	<u>Protecting Oregon's agricultural workers from tractor hazards</u> GIVEN TO Orchard & Vineyard Supply
4	<u>Protecting Yourself from Heat Stress</u> GIVEN TO Orchard & Vineyard Supply	2	<u>All Terrain Vehicles (ATVs)</u> GIVEN TO Orchard & Vineyard Supply
4	<u>Protecting Yourself from Sun Exposure</u> GIVEN TO Orchard & Vineyard Supply		

PUBLICATIONS

OR-FACE publications are for information, research, or occupational injury control only. OR-FACE is a research program, and has no legal authority to enforce state or federal occupational safety and health standards.

The identity of the decedent, employer, and witnesses are not included in reports or alerts.

FACE data are confidential under Oregon law (ORS 413.196).



Find published, safety booklets, reports, and other resources at the OR-FACE website or scan the provided QR code. New reports are published regularly.

www.ohsu.edu/or-face

BLOG POSTS

OR-FACE staff regularly publish contributions to the “Oregon and the Workplace” blog, which is part of the social media outreach of the Oregon Institute of Occupational Health Sciences.

Once a blog is published, it is shared through Twitter (1,559 followers), Facebook (484 likes), and the Institute newsletter (14,143 subscribers).

OR-FACE contributed one blog post in 2023.

- Leadership transitions at the Oregon Occupational Public Health Program--welcoming Jen Seamans - [READ THE POST](#)

HAZARD ALERTS

Four hazard alerts were published in 2023.

- Roadside Safety Hazard Alert - [READ THE ALERT](#)
- Workplace Violence Hazard Alert - [READ THE ALERT](#)
- Young Employee Safety Hazard Alert - [READ THE ALERT](#)
- Runover/Backover Hazard Alert - [READ THE ALERT](#)



INVESTIGATIONS

Three investigation reports were published in 2023.

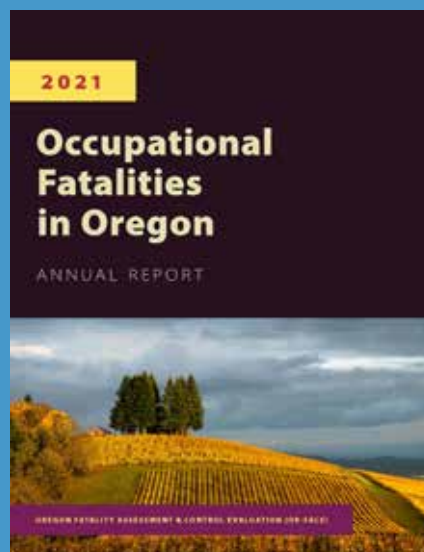
- Heavy Equipment Operator and Rancher Crushed by Excavator - OR 2021-19-1, 2 - [READ THE REPORT](#)
- Two Workers Killed in Boom Lift Rollover - OR 2019-27-1, 2 - [READ THE REPORT](#)
- Farm worker heat-related fatality - OR 2021-37-1 - [READ THE REPORT](#)



ANNUAL REPORTS

OR-FACE published its 2021 Annual Report during the 2023 calendar year. In 2021, there were 72 recorded fatalities, with an overall rate of 2.07 per 100,000 employees.

[READ THE REPORT](#)



CHARTS

In the sections of Charts and Abstracts, OR-FACE highlights risk factors and patterns in fatalities. For these analyses, a few of the major two digit classification codes are split into sub codes.

For industry (NAICS): Agriculture/Forestry/Fishing/Hunting (code 11) is separated into sub codes: Agriculture (codes 111, 112), forestry/ logging (code 113); and fishing/hunting/ trapping (code 114).

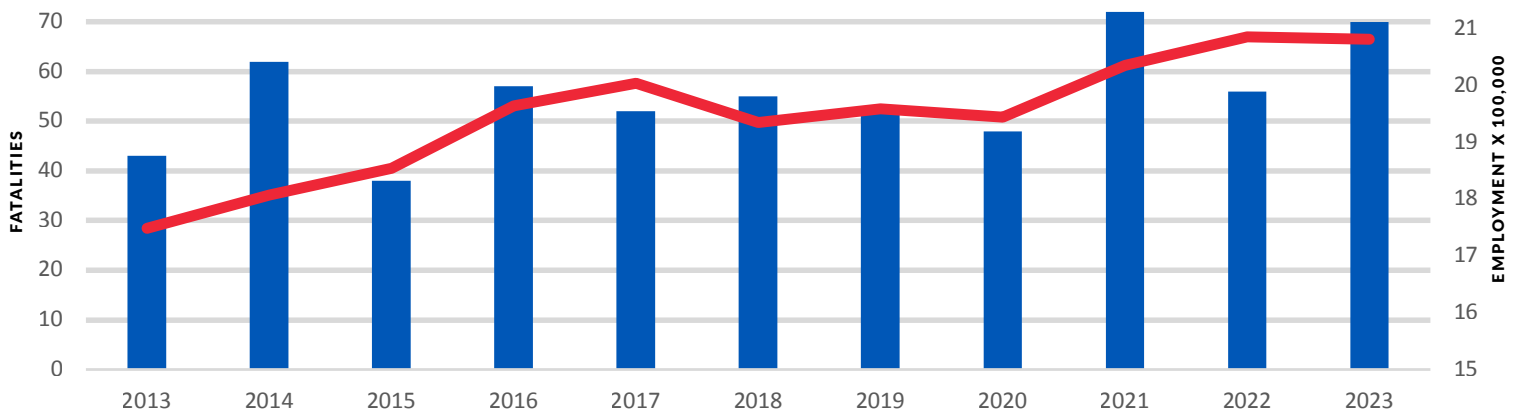
For occupation (SOC), Farming/Fishing/Forestry (code 45) is split into sub codes: Agriculture (code 45 2000), fishing and hunting (code 45 3000), forest/conservation (code 45 4010); and logging (code 45 4020).

For event (OIICS), Transportation is divided into the following codes: Aircraft (code 21), rail vehicle (code 22), animal/other non-motorized vehicle (code 23), pedestrian vehicular (code 24); and water vehicle (code 25).

For descriptive purposes in response to industry interest in Oregon, OR-FACE further delineates motorized land vehicle events (codes 26 and 27) into motor vehicle and mobile machinery.

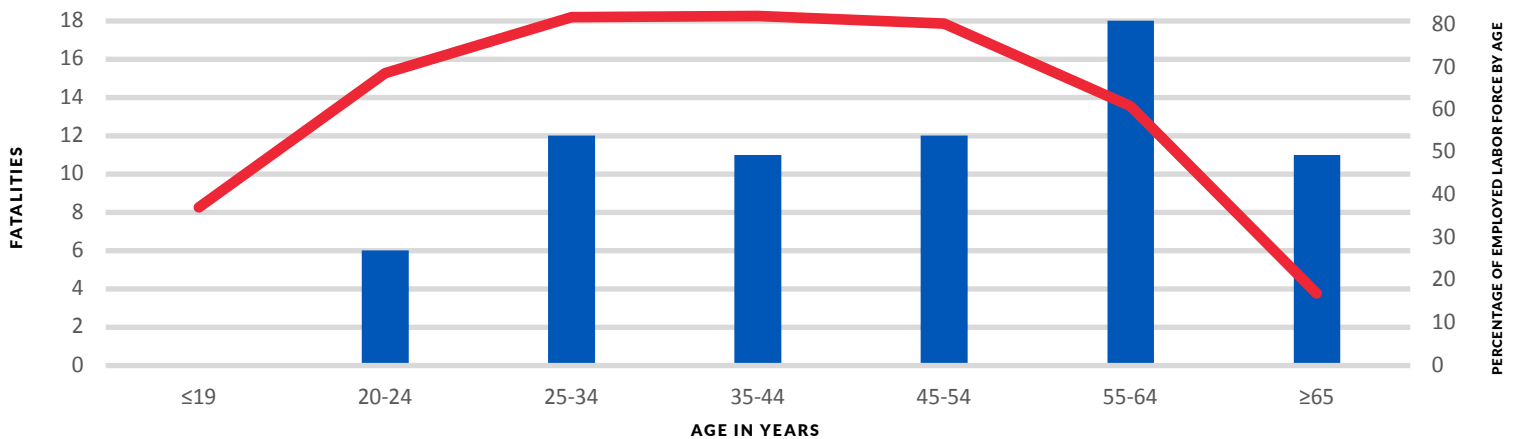
Oregon Employment Rate vs. Occupational Fatalities

The bars below reflect fatalities; the line reflects employment rate.

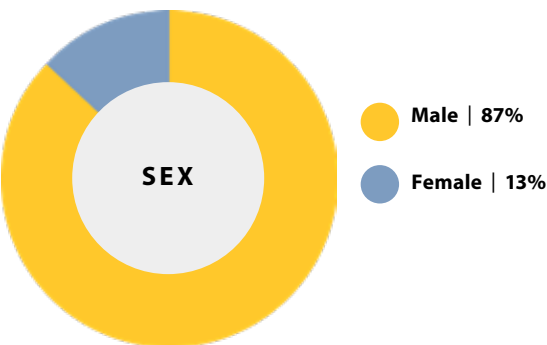
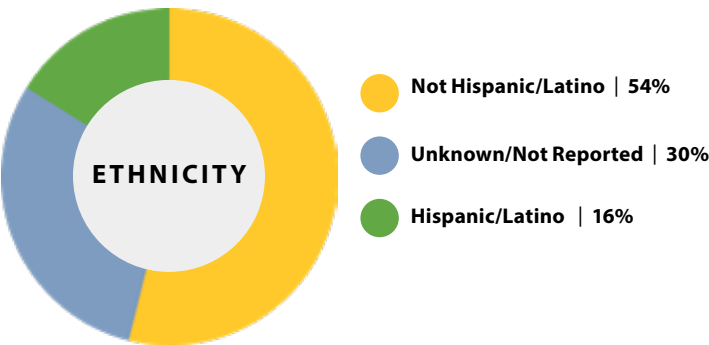
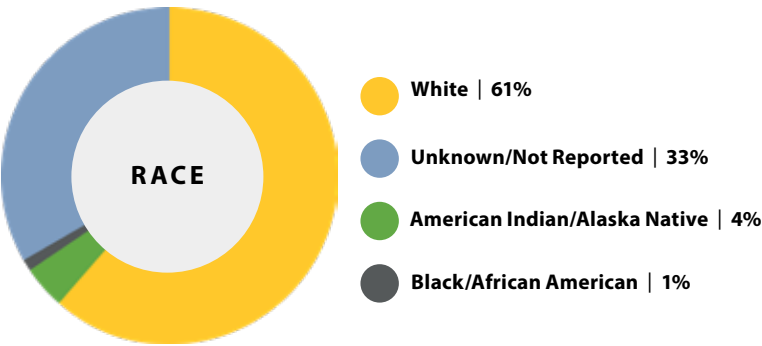


Occupational Fatalities in Oregon by Age Compared to Oregon Age Distribution of Labor Force, 2023

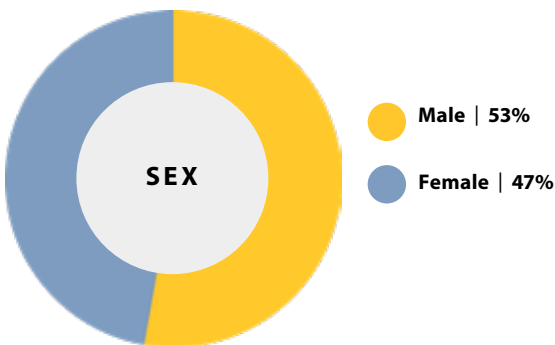
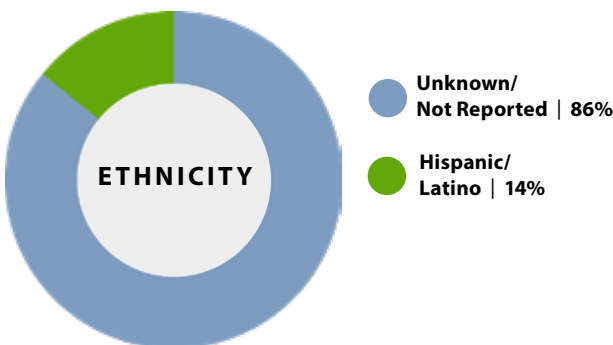
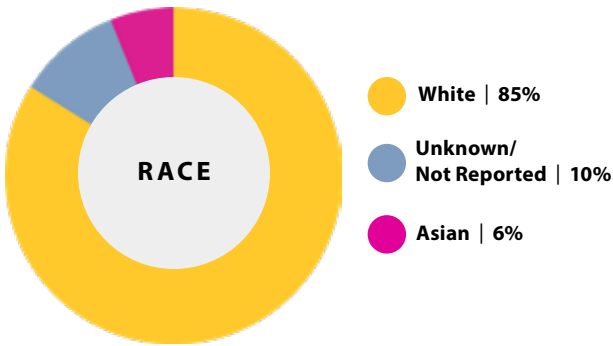
The bars below reflect fatal cases by age; the line reflects age distribution of labor force.



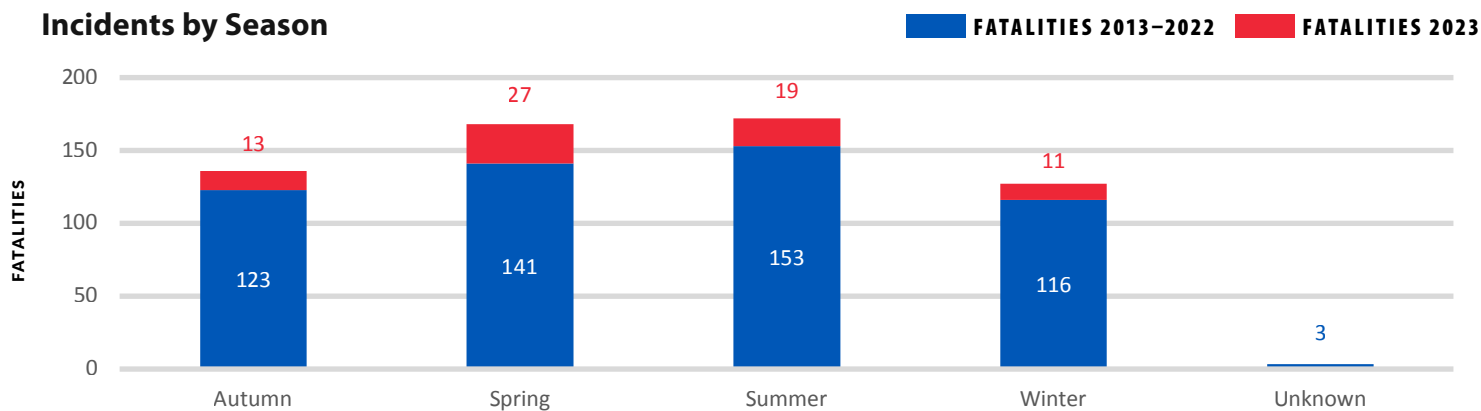
Demographics of Occupational Fatalities
(70 total)



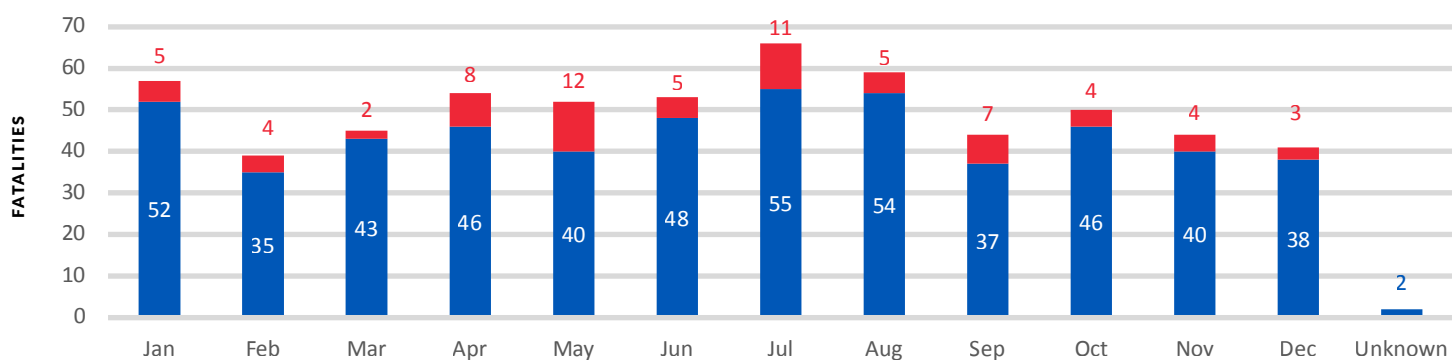
Civilian Labor Force in Oregon
(BLS, 2023)



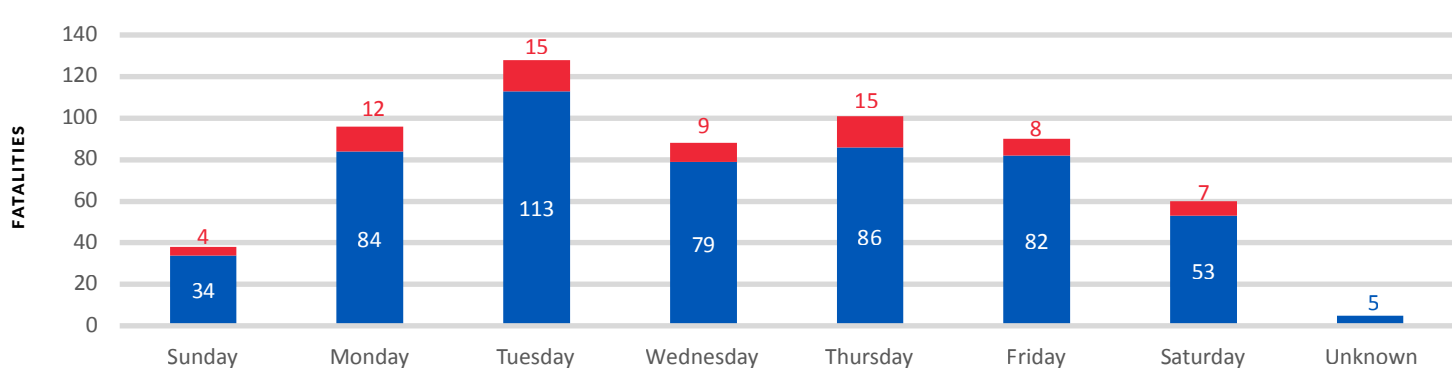
Incidents by Season



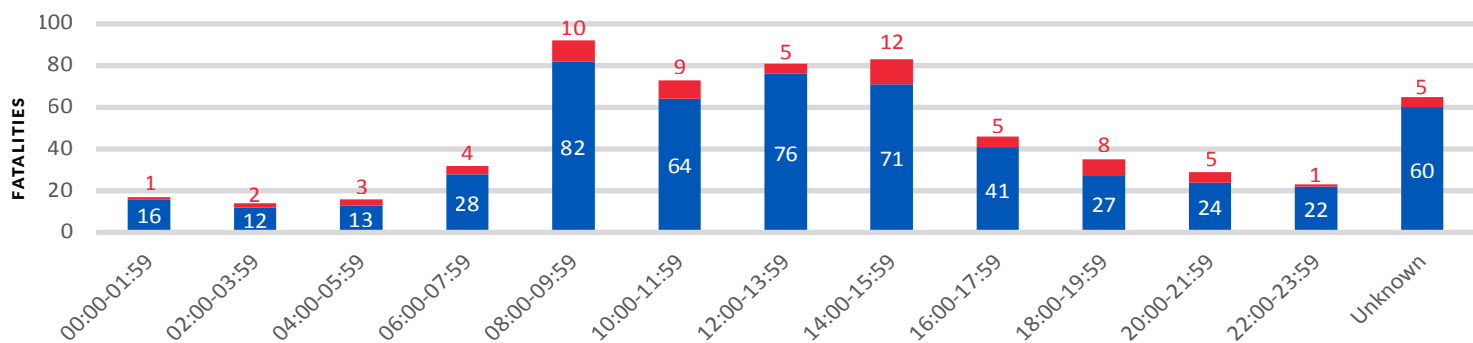
Incidents by Month

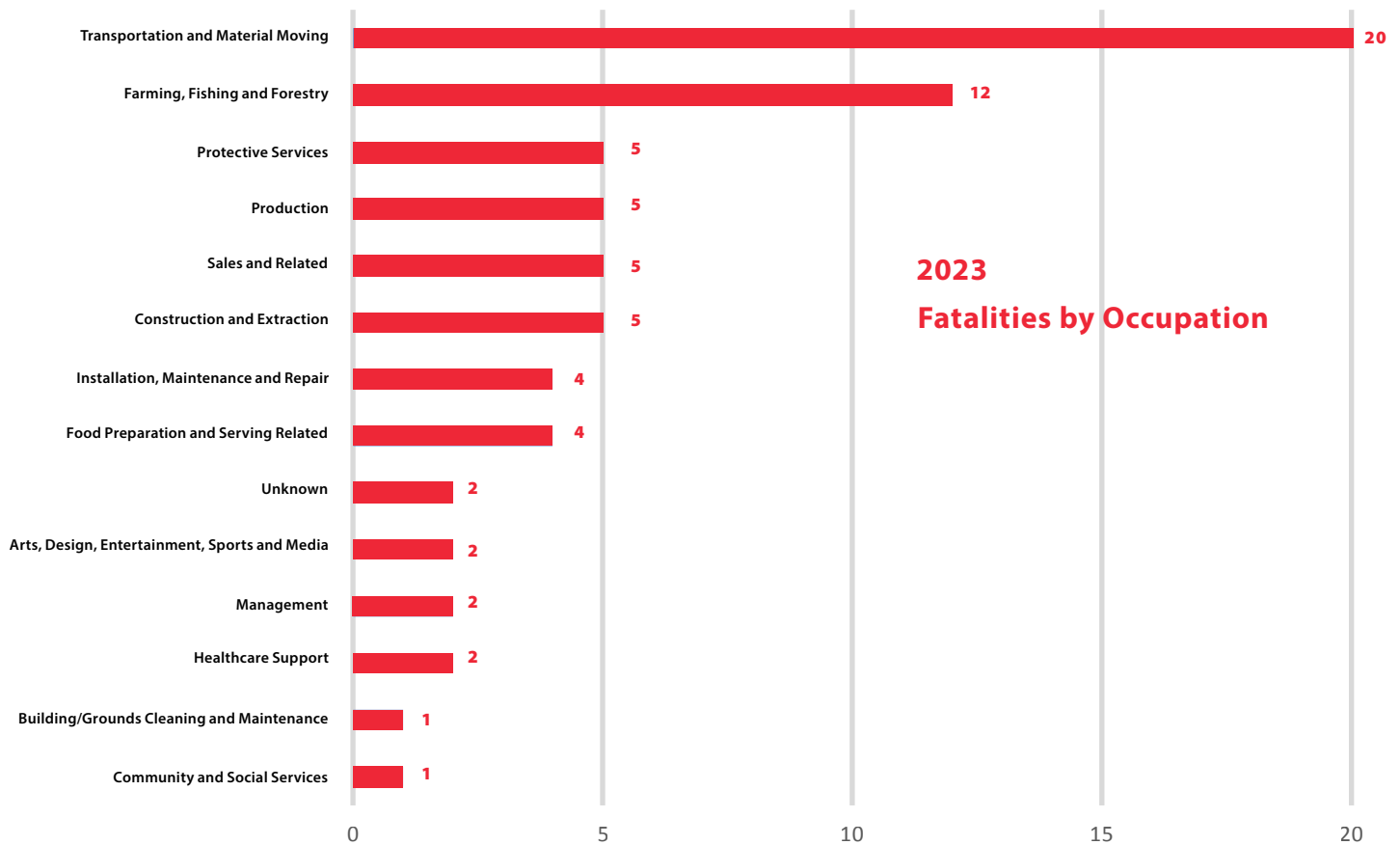
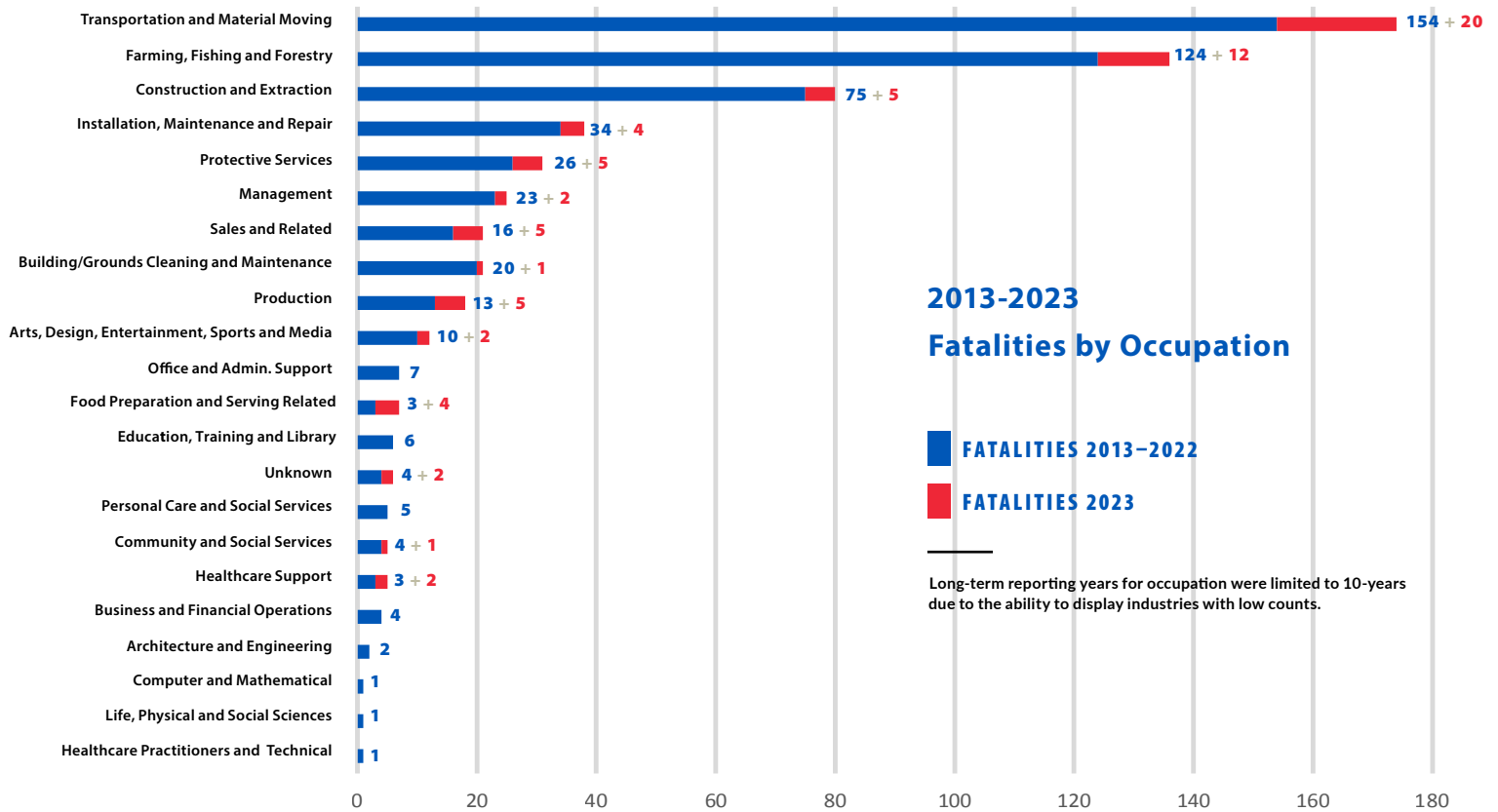


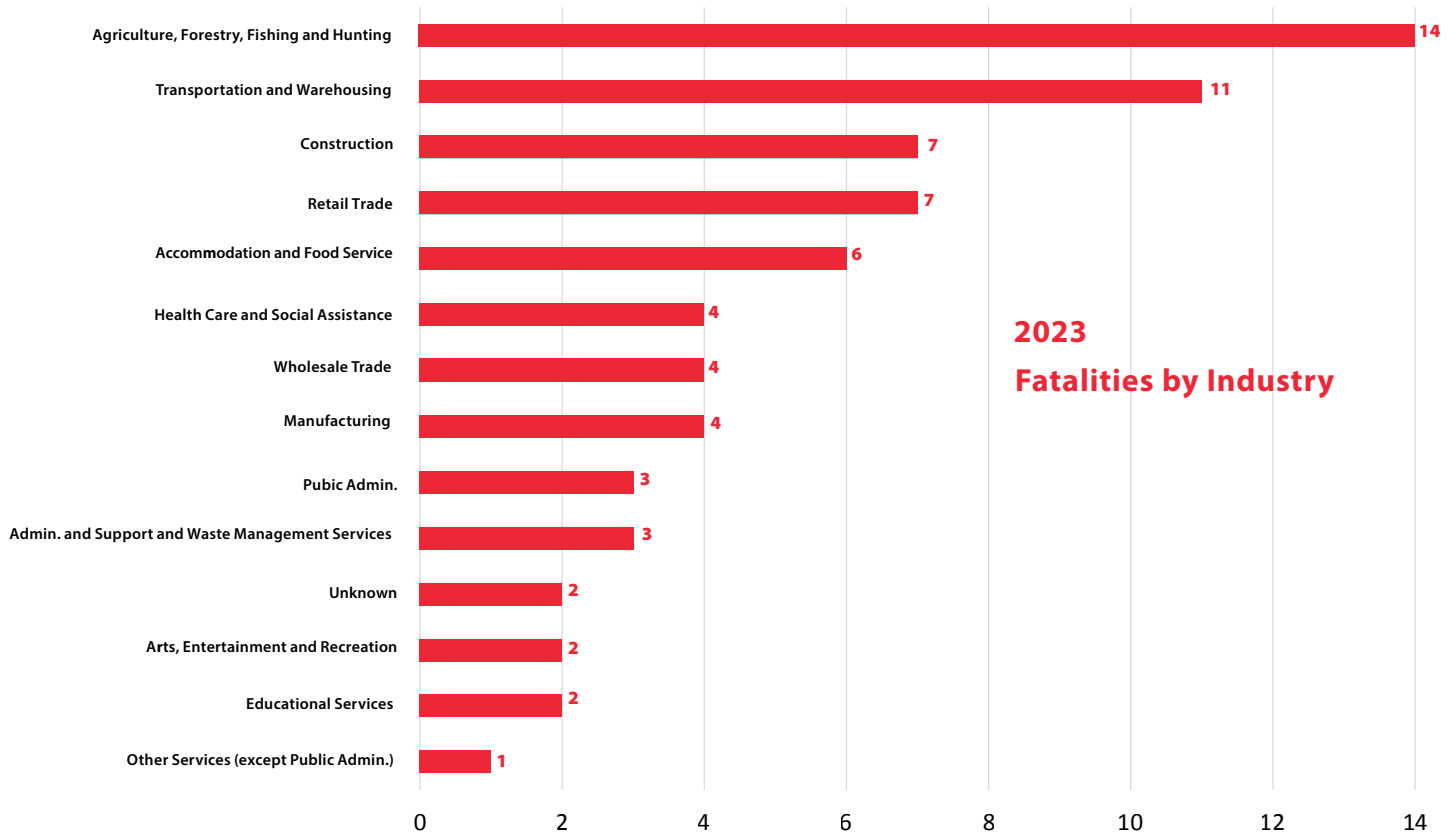
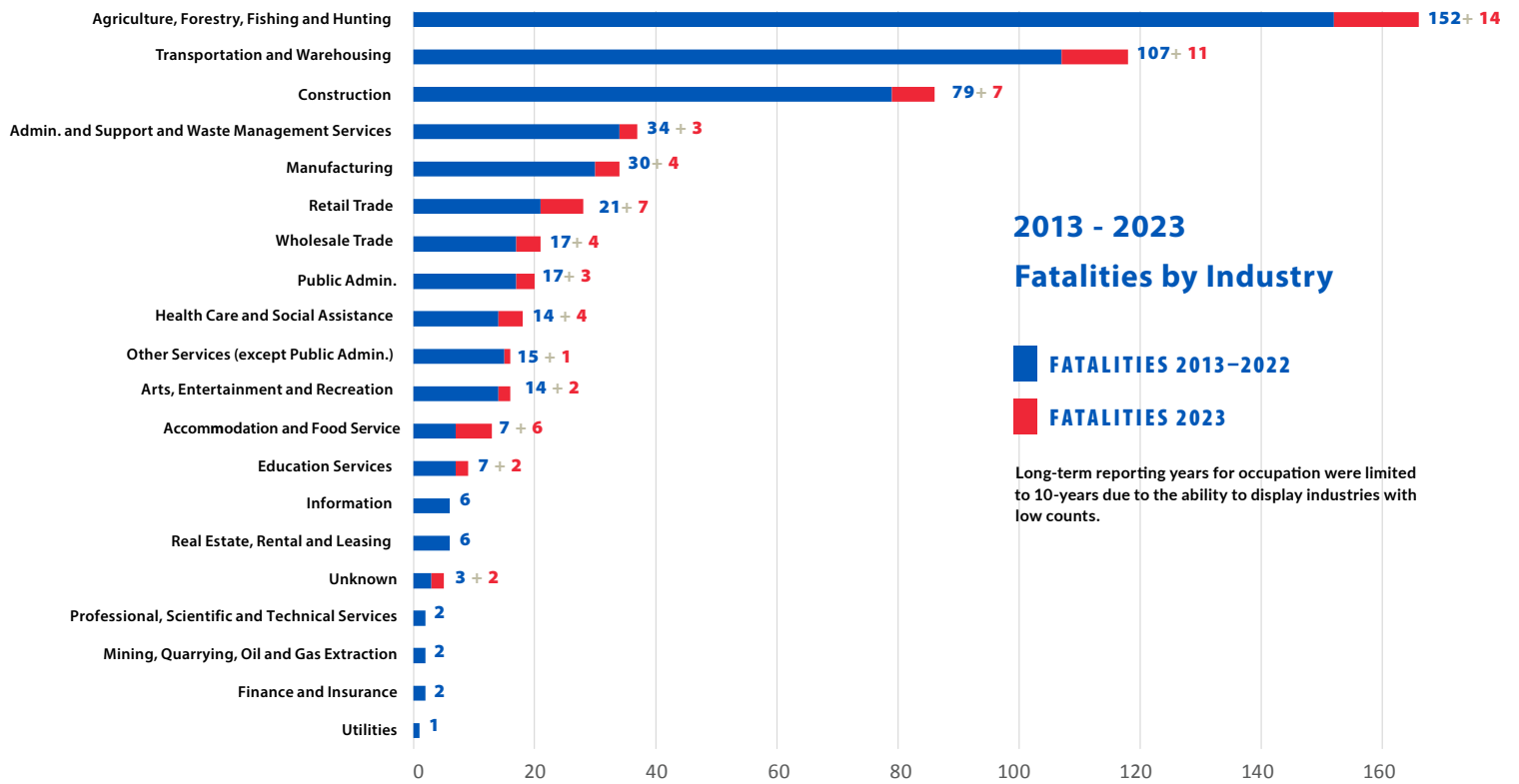
Incidents by Day of Week



Incidents by Time of Day





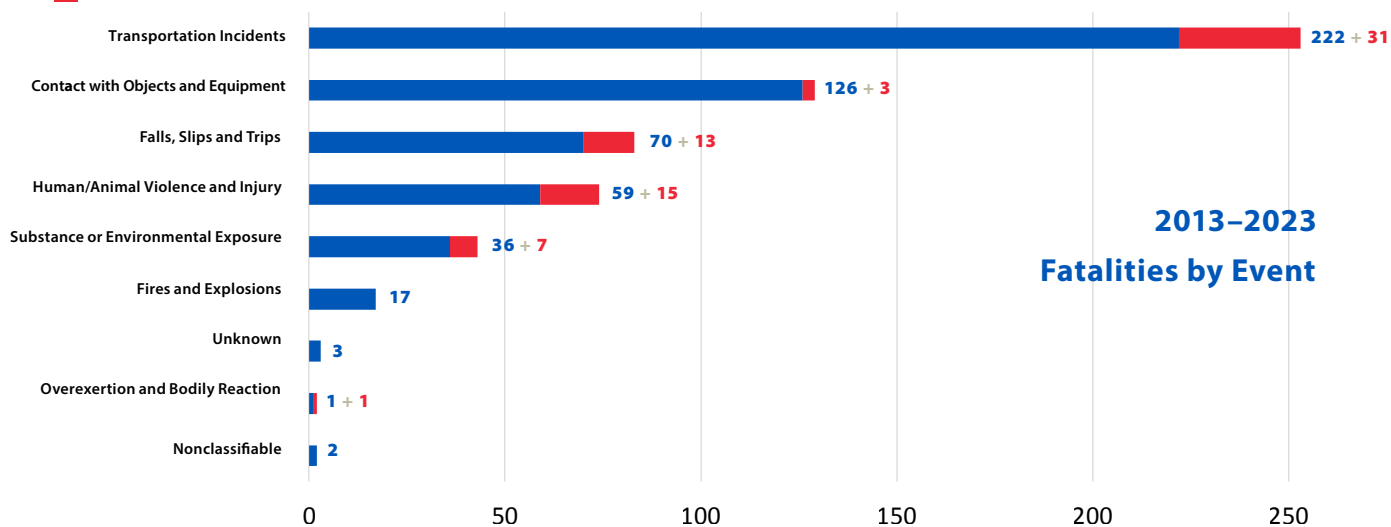




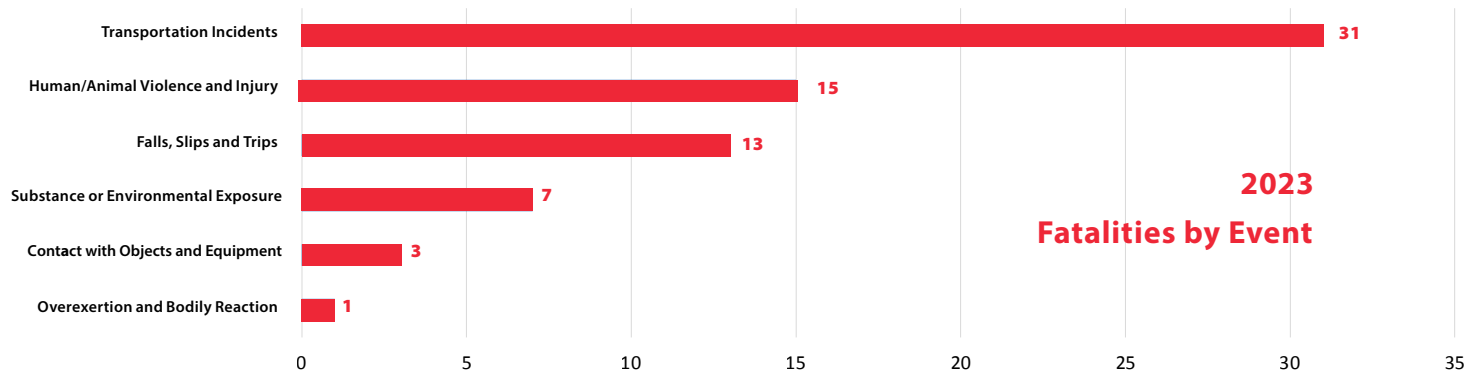
FATALITIES 2013–2022

FATALITIES 2023

Long-term reporting years for occupation were limited to 10-years due to the ability to display industries with low counts



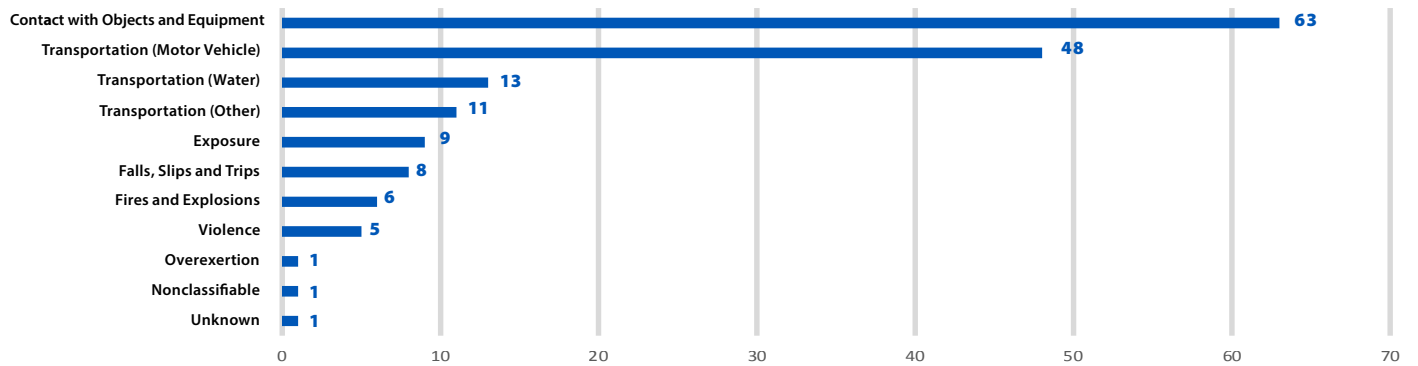
2013–2023 Fatalities by Event



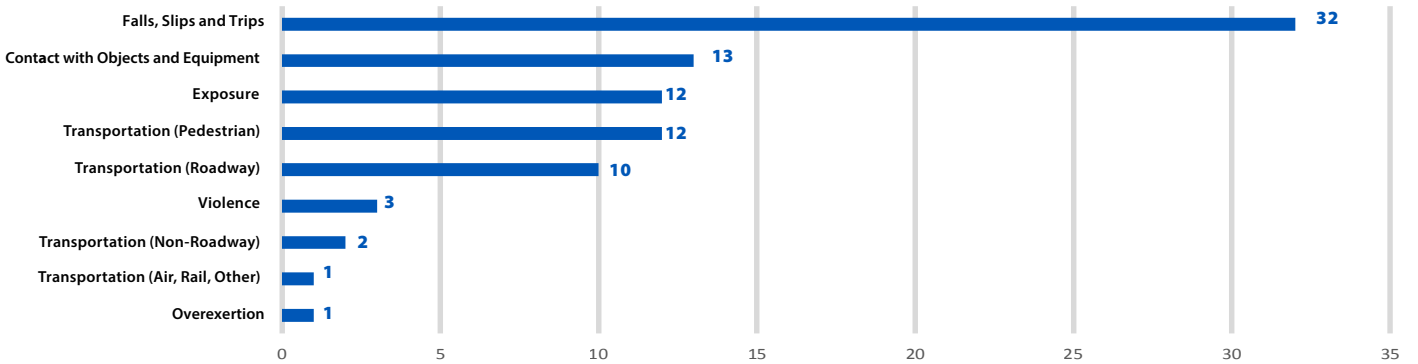
2023 Fatalities by Event

2013–2023 Fatalities by Select Industries

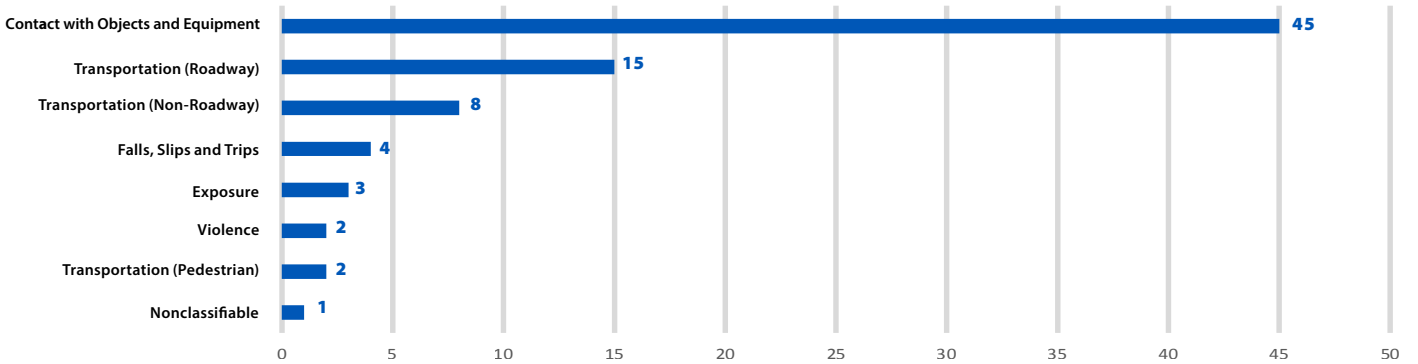
Agriculture



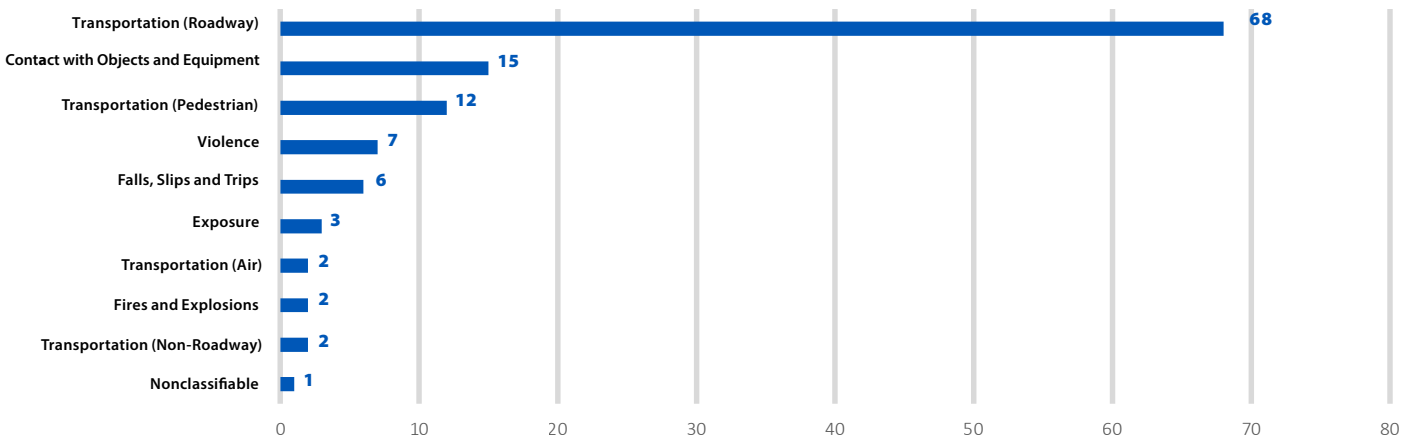
Construction



Forestry and Logging



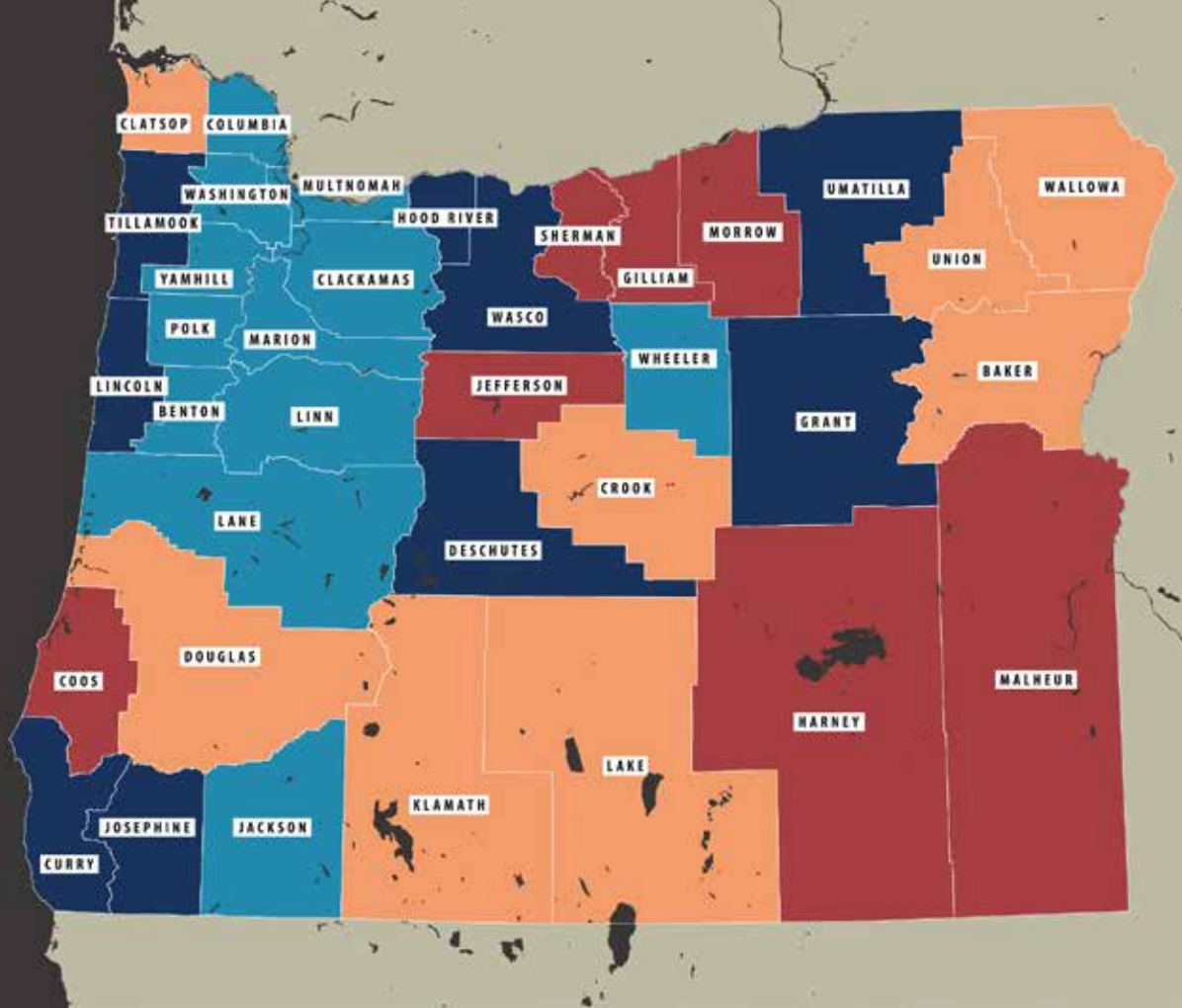
Transportation



**10-YEAR FATALITY
RATE PER 100,000
WORKERS**



The rates in counties with low population density are highly variable year by year.



Oregon county labor statistics, 10-year fatality trend, 2023 fatality count, and 10-year fatality rate.

	TOTAL POP. 2023	LABOR FORCE 2023	FATALITIES 2013-2022	FATALITIES 2023	10-YR RATE PER 100,000 WORKERS
Baker	16,927	6,775	5	1	8.34
Benton	99,355	47,861	12	1	2.66
Clackamas	424,043	217,509	34	2	1.63
Clatsop	42,095	18,946	12	0	6.07
Columbia	53,143	23,874	5	1	2.54
Coos	66,945	25,457	24	2	9.64
Crook	26,582	10,556	6	0	6.09
Curry	24,440	8,611	3	0	3.35
Deschutes	212,141	100,812	27	3	3.11

2.64

**2013-2023 OVERALL FATALITY
RATE PER 100,000 EMPLOYEES**

3.36

**2023 OVERALL FATALITY RATE
PER 100,000 EMPLOYEES**

The employed Oregon labor force (as reported by BLS) is used as a denominator for the fatality rate. The figure is adjusted to represent a rate of 100,000 full-time employees. Thus, the 10-year fatality rate is calculated by adding up all fatalities from every year, multiplying by 100,000, and then dividing by the summed Oregon labor force across the 10 years.

Table continues on following page >

	TOTAL POP. 2023	LABOR FORCE 2023	FATALITIES 2013-2022	FATALITIES 2023	10-YR RATE PER 100,000 WORKERS
Douglas	113,747	44,756	35	1	7.66
Gilliam	2,063	900	2	0	21.52
Grant	7,417	3,024	1	0	3.16
Harney	7,600	3,472	4	3	19.71
Hood River	24,406	13,759	7	1	5.39
Jackson	222,762	100,828	24	3	2.56
Jefferson	25,878	9,814	8	2	10.00
Josephine	88,815	33,923	12	1	3.68
Klamath	71,919	28,398	16	3	6.42
Lake	8,562	3,425	3	0	7.43
Lane	384,373	174,945	53	4	2.78
Lincoln	51,930	20,305	7	2	3.72
Linn	131,984	58,081	14	4	2.72
Malheur	32,981	12,374	15	2	11.27
Marion	353,648	163,655	32	11	2.31
Morrow	13,011	5,891	6	1	10.35
Multnomah	805,009	448,461	65	12	1.49
Polk	90,553	41,094	10	0	2.28
Sherman	1,916	930	1	0	9.54
Tillamook	28,000	11,708	6	0	4.44
Umatilla	81,842	37,029	22	1	5.45
Union	26,335	11,589	7	2	6.52
Wallowa	7,631	3,426	3	0	7.89
Wasco	27,052	12,645	4	1	3.26
Washington	610,245	321,932	32	4	0.99
Wheeler	1,533	776	0	0	0.00
Yamhill	109,743	54,113	13	2	2.49
Unknown			3	0	

Population data source: BLS Labor Force Data by County, 2023 Annual Averages. Retrieved March 2025



ABSTRACTS

Fatal occupational incidents in Oregon by type of event in 2023



CONTACT WITH OBJECTS AND EQUIPMENT

DESCRIPTION	Struck by conveyor belt	SEASON	Spring
INDUSTRY	Manufacturing	COUNTY	Washington
OCCUPATION	Transportation and Material Moving Occupations	OR-FACE NUMBER	OR 2023-13-1

Two employees were routinely moving a conveyor belt from inside the warehouse to partially outside the warehouse. While they were moving the conveyor belt, a tension wire broke, and the conveyor belt fell and struck one of the employees, who subsequently hit his head on concrete. The 52-year-old warehouse worker was caught between the conveyor belt and the concrete. The other employee, who was uninjured, called for help. The injured employee was transported to the hospital, where he later died later that day.

DESCRIPTION	Crushed by lumber	SEASON	Spring
INDUSTRY	Manufacturing	COUNTY	Linn
OCCUPATION	Production Occupations	OR-FACE NUMBER	OR 2023-30-1

While moving lumber, a rollaway cart with lumber on it overturned onto a 46-year-old plywood production worker, crushing him. He was transported to the hospital, where he died later that day.

DESCRIPTION	Struck by forklift load	SEASON	Summer
INDUSTRY	Manufacturing	COUNTY	Jefferson
OCCUPATION	Production Occupations	OR-FACE NUMBER	OR 2023-48-1

A 63-year-old lumber mill employee was walking towards his workstation in a lumber shed. He stopped in the center of the lumber shed, and while standing there, a forklift drove around the corner outside of the building to enter the same lumber shed. The forklift driver transitioned from sunny outside conditions to low light inside the lumber shed and didn't see the lumber mill employee standing in the pathway of the forklift. He was fatally struck by the load being carried by the forklift. He was pronounced dead at the scene. For more details, see [OR-FACE investigation 2023-OR-01](#).

OVEREXERTION AND BODILY REACTION

DESCRIPTION	Drowning	SEASON	Spring
INDUSTRY	Agriculture, Forestry, Fishing and Hunting	COUNTY	Malheur
OCCUPATION	Farming, Fishing, and Forestry Occupations	OR-FACE NUMBER	OR 2023-24-1

A 74-year-old mechanic was fixing a fence on a ranch. After making the repairs, he was crossing a river with assistance from a cable strung across the river. When he was approximately halfway across the river, he stopped to rest, and one of his coworkers entered the river to assist him. While helping him, the cable broke, and the mechanic was swept into the current. Another coworker pulled him out of the water approximately 500 yards downstream, performed CPR, and called 911. He was pronounced dead when Emergency Medical Services arrived.

VIOLENCE AND OTHER INJURIES BY PERSON OR ANIMALS

DESCRIPTION	Gunshot wound	SEASON	Winter
INDUSTRY	Retail Trade	COUNTY	Multnomah
OCCUPATION	Transportation and Material Moving Occupations	OR-FACE NUMBER	OR 2023-05-1

A 24-year-old gas station attendant was shot by an unknown person. He was transported to the hospital, where he died later that day.

DESCRIPTION	Gunshot wound	SEASON	Winter
INDUSTRY	Transportation and Warehousing	COUNTY	Lincoln
OCCUPATION	Transportation and Material Moving Occupations	OR-FACE NUMBER	OR 2023-06-1

A 73-year-old shop foreman died of a self-inflicted gunshot wound.

DESCRIPTION	Assault	SEASON	Winter
INDUSTRY	Construction	COUNTY	Washington
OCCUPATION	Construction and Extraction Occupations	OR-FACE NUMBER	OR 2023-07-1

A 56-year-old pipe fitter was installing new equipment in a fabrication room. After finishing work for the day, he was walking to his car in the parking garage when a person assaulted him. He was found dead later that night in his car.

DESCRIPTION	Gunshot wound	SEASON	Winter
INDUSTRY	Retail Trade	COUNTY	Multnomah
OCCUPATION	Sales and Related Occupations	OR-FACE NUMBER	OR 2023-11-1

A 33-year-old grocery store floor person arrived at work and went to the bathroom. He never came out and was later found dead with a self-inflicted gunshot wound.

DESCRIPTION	Assault	SEASON	Winter
INDUSTRY	Health Care and Social Assistance	COUNTY	Jackson
OCCUPATION	Healthcare Support Occupations	OR-FACE NUMBER	OR 2023-12-1

A 66-year-old caregiver was working alone when one of her patients became upset and began attacking her. She was later found during a shift change and was transported to the hospital. She died 35 days later.

DESCRIPTION	Gunshot wound	SEASON	Spring
INDUSTRY	Arts, Entertainment, and Recreation	COUNTY	Jefferson
OCCUPATION	Unknown	OR-FACE NUMBER	OR 2023-15-1

A 24-year-old laborer died from a self-inflicted gunshot wound.

DESCRIPTION	Gunshot wound	SEASON	Spring
INDUSTRY	Accommodation and Food Services	COUNTY	Washington
OCCUPATION	Food Preparation and Serving Related Occupations	OR-FACE NUMBER	OR 2023-16-1

A group of four people were asked to leave a bar for refusing to show identification. The group left but returned an hour later. Upon their return, the same bartender alerted the 42-year-old manager, and they were asked to leave again. As they were leaving again, someone from the group started shooting at both the bartender and the manager, killing the manager. She was pronounced dead at the scene.

DESCRIPTION	Stab wound	SEASON	Spring
INDUSTRY	Transportation and Warehousing	COUNTY	Multnomah
OCCUPATION	Transportation and Material Moving Occupations	OR-FACE NUMBER	OR 2023-17-1

A 43-year-old cab driver picked up a passenger who then proceeded to stab the driver in the neck. He was pronounced dead at the scene.

DESCRIPTION	Gunshot wound	SEASON	Spring
INDUSTRY	Public Administration	COUNTY	Malheur
OCCUPATION	Protective Service Occupations	OR-FACE NUMBER	OR 2023-18-1

While a 43-year-old police officer was responding to a call, the suspect fled the scene. During the vehicle pursuit, the suspect vehicle appeared to stop, and the police officer pulled off the road near the suspect vehicle. Immediately upon stopping, the suspect began shooting at the police officer. He was pronounced dead at the scene.

DESCRIPTION	Stab wound	SEASON	Summer
INDUSTRY	Health Care and Social Assistance	COUNTY	Multnomah
OCCUPATION	Community and Social Services Occupations	OR-FACE NUMBER	OR 2023-37-1

A 26-year-old mental health aide was working alone during the night shift at a residential care facility when she was stabbed to death by a resident. She was later found dead by another employee clocking into work the next morning.

DESCRIPTION	Gunshot wound	SEASON	Summer
INDUSTRY	Health Care and Social Assistance	COUNTY	Multnomah
OCCUPATION	Protective Service Occupations	OR-FACE NUMBER	OR 2023-39-1

A family member of a patient at a hospital was showing aggressive behavior over the course of two days. On the third day, three security guards arrived at the hospital room to escort the aggressive family member with the intent of searching the room. One of the security guards escorted the suspect to the waiting room while the other two searched the room. While searching the room, the guards found weapons and were also informed that the aggressive family member had another weapon and was likely carrying it. The 44-year-old security guard who escorted the aggressive family member was notified of this weapon and informed the suspect that he would need to conduct a pat down to search for weapons. The suspect said he would leave instead, and the security guard began escorting him out of the building when they were approached by hospital staff, preventing them from leaving. The suspect then turned around and shot the security guard in the neck. He was transported to the hospital, where he later died.

DESCRIPTION	Severe blood loss	SEASON	Summer
INDUSTRY	Unknown	COUNTY	Washington
OCCUPATION	Unknown	OR-FACE NUMBER	OR 2023-45-1

A 54-year-old manager died by suicide while he was at work.

DESCRIPTION	Gunshot wound	SEASON	Summer
INDUSTRY	Retail Trade	COUNTY	Lane
OCCUPATION	Sales and Related Occupations	OR-FACE NUMBER	OR 2023-47-1

A 32-year-old convenience store clerk was working the night shift when he was shot in the head by a customer. He was transported to the hospital, where he died a day later.

DESCRIPTION	Asphyxiation (lack of air)	SEASON	Autumn
INDUSTRY	Retail Trade	COUNTY	Multnomah
OCCUPATION	Transportation and Material Moving Occupations	OR-FACE NUMBER	OR 2023-57-1

A 41-year-old gas station attendant working alone was found unresponsive by a customer. He was transported to the hospital, where he died four days later. He died by suicide.

DESCRIPTION	Stab wound	SEASON	Autumn
INDUSTRY	Accommodation and Food Services	COUNTY	Klamath
OCCUPATION	Food Preparation and Serving Related Occupations	OR-FACE NUMBER	OR 2023-61-1

A 54-year-old chef was stabbed multiple times in front of a restaurant. He was transported to the hospital, where he died later that day.

TRANSPORTATION

DESCRIPTION	Motor vehicle accident	SEASON	Winter
INDUSTRY	Manufacturing	COUNTY	Linn
OCCUPATION	Construction and Extraction Occupations	OR-FACE NUMBER	OR 2023-08-1

A 34-year-old mine supervisor was driving a company pickup truck northbound on a road when he crossed over the lefthand lane, leaving the roadway, and striking a power pole. He was pronounced dead at the scene.

DESCRIPTION	Motor vehicle accident	SEASON	Winter
INDUSTRY	Transportation and Warehousing	COUNTY	Columbia
OCCUPATION	Transportation and Material Moving Occupations	OR-FACE NUMBER	OR 2023-09-1

A lumber truck hauling a long flatbed trailer and a smaller trailer was rounding a curve when the passenger side tires left the roadway. As the 68-year-old lumber truck driver was finishing out the turn, the trailer(s) slid down the embankment, causing the truck to roll. Eventually, the truck landed upside down on the roof, trapping the driver inside the cab. Although he was initially conscious during the rescue operation, he was pronounced dead after the rescue crew extracted him from the cab.

DESCRIPTION	Motor vehicle accident	SEASON	Spring
INDUSTRY	Wholesale Trade	COUNTY	Douglas
OCCUPATION	Transportation and Material Moving Occupations	OR-FACE NUMBER	OR 2023-14-1

A 68-year-old delivery driver was driving a box truck eastbound on a highway when he crossed the center line before overcorrecting back into his lane and onto the eastbound shoulder. The truck struck a tree on the driver's side. He was pronounced dead at the scene.

DESCRIPTION	Motor vehicle accident	SEASON	Spring
INDUSTRY	Unknown	COUNTY	Deschutes
OCCUPATION	Production Occupations	OR-FACE NUMBER	OR 2023-19-1

A 29-year-old furniture installer was a passenger in a rollover motor vehicle accident. At the time of the accident, the roads were icy, and he wasn't wearing a seatbelt. He was transported to the hospital, where he died nine days later due to complications from his injuries sustained in the accident.

DESCRIPTION	Struck by vehicle	SEASON	Spring
INDUSTRY	Arts, Entertainment, and Recreation	COUNTY	Linn
OCCUPATION	Arts, Design, Entertainment, Sports, and Media Occupations	OR-FACE NUMBER	OR 2023-23-1

A 49-year-old flagger was volunteering at a motorsports park and was struck by a motorbike. He was hospitalized and died five days later due to his injuries.

DESCRIPTION	Motor vehicle accident	SEASON	Spring
INDUSTRY	Agriculture, Forestry, Fishing and Hunting	COUNTY	Marion
OCCUPATION	Farming, Fishing, and Forestry Occupations	OR-FACE NUMBER	OR 2023-26-1

A 40-year-old agriculture worker was in a work van traveling back home at the end of the workday. The van pulled over to the shoulder of the Interstate to remove toilet paper that was flying around on the portable toilet attached to the back of the work van. As one of the workers was addressing the issue, a semi-truck crashed into the van, killing her and six other agriculture workers.

DESCRIPTION	Motor vehicle accident	SEASON	Spring
INDUSTRY	Agriculture, Forestry, Fishing and Hunting	COUNTY	Marion
OCCUPATION	Farming, Fishing, and Forestry Occupations	OR-FACE NUMBER	OR 2023-26-2

A 31-year-old agriculture worker was in a work van traveling back home at the end of the workday. The van pulled over to the shoulder of the Interstate to remove toilet paper that was flying around on the portable toilet attached to the back of the work van. As one of the workers was addressing the issue, a semi-truck crashed into the van, killing him and six other agriculture workers.

DESCRIPTION	Motor vehicle accident	SEASON	Spring
INDUSTRY	Agriculture, Forestry, Fishing and Hunting	COUNTY	Marion
OCCUPATION	Farming, Fishing, and Forestry Occupations	OR-FACE NUMBER	OR 2023-26-3

A 34-year-old agriculture worker was in a work van traveling back home at the end of the workday. The van pulled over to the shoulder of the Interstate to remove toilet paper that was flying around on the portable toilet attached to the back of the work van. As one of the workers was addressing the issue, a semi-truck crashed into the van, killing him and six other agriculture workers.

DESCRIPTION	Motor vehicle accident	SEASON	Spring
INDUSTRY	Agriculture, Forestry, Fishing and Hunting	COUNTY	Marion
OCCUPATION	Farming, Fishing, and Forestry Occupations	OR-FACE NUMBER	OR 2023-26-4

A 58-year-old agriculture worker was in a work van traveling back home at the end of the workday. The van pulled over to the shoulder of the Interstate to remove toilet paper that was flying around on the portable toilet attached to the back of the work van. As one of the workers was addressing the issue a semi-truck crashed into the van, killing him and six other agriculture workers.

DESCRIPTION	Motor vehicle accident	SEASON	Spring
INDUSTRY	Agriculture, Forestry, Fishing and Hunting	COUNTY	Marion
OCCUPATION	Farming, Fishing, and Forestry Occupations	OR-FACE NUMBER	OR 2023-26-5

A 30-year-old agriculture worker was in a work van traveling back home at the end of the workday. The van pulled over to the shoulder of the Interstate to remove toilet paper that was flying around on the portable toilet attached to the back of the work van. As one of the workers was addressing the issue, a semi-truck crashed into the van, killing him and six other agriculture workers.

DESCRIPTION	Motor vehicle accident	SEASON	Spring
INDUSTRY	Agriculture, Forestry, Fishing and Hunting	COUNTY	Marion
OCCUPATION	Farming, Fishing, and Forestry Occupations	OR-FACE NUMBER	OR 2023-26-6

A 38-year-old agriculture worker was in a work van traveling back home at the end of the workday. The van pulled over to the shoulder of the Interstate to remove toilet paper that was flying around on the portable toilet attached to the back of the work van. As one of the workers was addressing the issue, a semi-truck crashed into the van, killing him and six other agriculture workers.

DESCRIPTION	Motor vehicle accident	SEASON	Spring
INDUSTRY	Agriculture, Forestry, Fishing and Hunting	COUNTY	Marion
OCCUPATION	Farming, Fishing, and Forestry Occupations	OR-FACE NUMBER	OR 2023-26-7

A 30-year-old agriculture worker was in a work van traveling back home at the end of the workday. The van pulled over to the shoulder of the Interstate to remove toilet paper that was flying around on the portable toilet attached to the back of the work van. As one of the workers was addressing the issue, a semi-truck crashed into the van, killing him and six other agriculture workers.

DESCRIPTION	Motor vehicle accident	SEASON	Spring
INDUSTRY	Transportation and Warehousing	COUNTY	Linn
OCCUPATION	Transportation and Material Moving Occupations	OR-FACE NUMBER	OR 2023-27-1

A 63-year-old truck driver driving a tanker truck carrying gasoline and diesel fuel lost control while rounding a curve. As a result, he drove off the road, struck a power pole, and then hit a tree. The truck burst into flames, and the truck driver was unable to exit the vehicle. First responders were unable to extract him from the truck due to the extreme heat, and he was pronounced dead at the scene.

DESCRIPTION	Tractor rollover	SEASON	Spring
INDUSTRY	Agriculture, Forestry, Fishing and Hunting	COUNTY	Clackamas
OCCUPATION	Farming, Fishing, and Forestry Occupations	OR-FACE NUMBER	OR 2023-29-1

A 79-year-old owner/operator was operating a tractor when it rolled over and crushed him. He was pronounced dead at the scene.

DESCRIPTION	Motor vehicle accident	SEASON	Summer
INDUSTRY	Transportation and Warehousing	COUNTY	Harney
OCCUPATION	Transportation and Material Moving Occupations	OR-FACE NUMBER	OR 2023-34-1

While driving a semi-truck and trailer, a 57-year-old truck driver crossed into the opposing lane of traffic, striking another semi-truck and trailer head-on. He, along with the other two occupants of the other vehicle, were pronounced dead at the scene.

DESCRIPTION	Motor vehicle accident	SEASON	Summer
INDUSTRY	Transportation and Warehousing	COUNTY	Harney
OCCUPATION	Transportation and Material Moving Occupations	OR-FACE NUMBER	OR 2023-34-2

A 57-year-old truck driver driving in a team with one other truck driver was driving a semi-truck and trailer westbound when she was struck head-on by another semi-truck and trailer driving in the wrong lane. All three truck drivers from the two semi-trucks were pronounced dead at the scene.

DESCRIPTION	Motor vehicle accident	SEASON	Summer
INDUSTRY	Transportation and Warehousing	COUNTY	Harney
OCCUPATION	Transportation and Material Moving Occupations	OR-FACE NUMBER	OR 2023-34-3

A 62-year-old truck driver driving in a team with one other truck driver was in the passenger seat of a semi-truck and trailer heading westbound when the semi-truck was struck head-on by another semi-truck and trailer driving in the wrong lane. He and the other two truck drivers of both semi-trucks were pronounced dead at the scene.

DESCRIPTION	Struck by vehicle	SEASON	Summer
INDUSTRY	Retail Trade	COUNTY	Marion
OCCUPATION	Sales and Related Occupations	OR-FACE NUMBER	OR 2023-35-1

A 60-year-old merchandiser's car broke down on the side of the Interstate. While crossing the Interstate on foot from the shoulder to the on-ramp, she was struck by a car merging onto the Interstate. She was pronounced dead at the scene.

DESCRIPTION	Motor vehicle accident	SEASON	Summer
INDUSTRY	Transportation and Warehousing	COUNTY	Multnomah
OCCUPATION	Transportation and Material Moving Occupations	OR-FACE NUMBER	OR 2023-38-1

A 55-year-old delivery driver was finishing up her last delivery when a car that was street racing hit the driver's side of her vehicle, pushing her car into the raised median and knocking over multiple trees. She was transported to the hospital, where she later died.

DESCRIPTION	Crushed by vehicle	SEASON	Summer
INDUSTRY	Retail Trade	COUNTY	Lane
OCCUPATION	Sales and Related Occupations	OR-FACE NUMBER	OR 2023-40-1

A 33-year-old convenience store worker had an encounter with two individuals in the parking lot. During the encounter, she made a call on her phone, and one of the suspects exited the driver's side of a vehicle and grabbed her phone out of her hands. The other suspect then exited the passenger side and got into the driver's side, while the first suspect got into the passenger side. The vehicle then began to drive away. As the vehicle started to drive away, the convenience store worker jumped onto the outside door of the vehicle, fell, and was crushed by the vehicle. She was pronounced dead at the scene.

DESCRIPTION	Motor vehicle accident	SEASON	Summer
INDUSTRY	Agriculture, Forestry, Fishing and Hunting	COUNTY	Coos
OCCUPATION	Protective Service Occupations	OR-FACE NUMBER	OR 2023-42-1

A 21-year-old firefighter was a passenger in a work truck when the truck left the roadway, fatally injuring the firefighter. He was pronounced dead at the scene.

DESCRIPTION	Motor vehicle accident	SEASON	Summer
INDUSTRY	Wholesale Trade	COUNTY	Union
OCCUPATION	Transportation and Material Moving Occupations	OR-FACE NUMBER	OR 2023-43-1

While driving a propane truck, a 52-year-old truck driver started to veer off the road, so he overcorrected back on the road when the truck rolled onto its side and slid down the road. As a result of the crash, the truck caught fire and was fully engulfed in flames when first responders arrived. He was pronounced dead at the scene.

DESCRIPTION	Motor vehicle accident	SEASON	Summer
INDUSTRY	Transportation and Warehousing	COUNTY	Union
OCCUPATION	Transportation and Material Moving Occupations	OR-FACE NUMBER	OR 2023-49-1

A 62-year-old truck driver was driving a semi-truck and trailer when it left the roadway, went through a fence, and struck a tree. Due to the impact of the crash, the semi caught fire and was fully engulfed in flames. He was pronounced dead at the scene.

DESCRIPTION	Excavator rollover	SEASON	Autumn
INDUSTRY	Agriculture, Forestry, Fishing and Hunting	COUNTY	Coos
OCCUPATION	Farming, Fishing, and Forestry Occupations	OR-FACE NUMBER	OR 2023-50-1

A 63-year-old logging equipment operator working independently was moving a large excavator to a different area of the logging site. While driving the excavator, the excavator track dropped into a large sunken area that was not visible to the operator, causing the excavator to roll over. When he didn't arrive at the planned location, a coworker working on-site went to check on him and found him dead in the cab of the excavator. The rollover was not witnessed by anyone, and the operator was not wearing a seatbelt at the time of the incident.

DESCRIPTION	Ran over by bulldozer	SEASON	Autumn
INDUSTRY	Agriculture, Forestry, Fishing and Hunting	COUNTY	Klamath
OCCUPATION	Farming, Fishing, and Forestry Occupations	OR-FACE NUMBER	OR 2023-52-1

A 60-year-old equipment operator parked a bulldozer facing downhill on a sloped road with the blade lowered to the ground. He set the parking brake, got out of the cab, and walked in front of one of the tracks. Subsequently, the bulldozer rolled down the hill and ran over the equipment operator due to the parking brake failing.

DESCRIPTION	Motor vehicle accident	SEASON	Autumn
INDUSTRY	Transportation and Warehousing	COUNTY	Umatilla
OCCUPATION	Transportation and Material Moving Occupations	OR-FACE NUMBER	OR 2023-53-1

A 49-year-old truck driver was driving a semi-truck and trailer when it struck the rear end of another semi-truck and trailer. As a result of the crash, his semi-truck caught fire and burned to the point where the truck wasn't identifiable. He was pulled out of the truck and transported to the hospital, where he died later that day.

DESCRIPTION	Motor vehicle accident	SEASON	Autumn
INDUSTRY	Transportation and Warehousing	COUNTY	Clackamas
OCCUPATION	Transportation and Material Moving Occupations	OR-FACE NUMBER	OR 2023-54-1

A 67-year-old truck driver driving a semi-truck and trailer was struck head-on by a vehicle. As a result of the collision, the semi-truck left the roadway and crashed into several trees. He was pronounced dead at the scene.

DESCRIPTION	Airplane crash	SEASON	Autumn
INDUSTRY	Educational Services	COUNTY	Yamhill
OCCUPATION	Transportation and Material Moving Occupations	OR-FACE NUMBER	OR 2023-55-1

A 22-year-old flight instructor was training a student pilot when the plane they were flying crashed into a home. He and the student pilot were pronounced dead at the scene.

DESCRIPTION	Airplane crash	SEASON	Autumn
INDUSTRY	Educational Services	COUNTY	Yamhill
OCCUPATION	Transportation and Material Moving Occupations	OR-FACE NUMBER	OR 2023-55-2

A 20-year-old student pilot was on a training flight actively being trained when the plane they were flying crashed into a home. He and the flight instructor were pronounced dead at the scene.

DESCRIPTION	Crushed by vehicle	SEASON	Autumn
INDUSTRY	Agriculture, Forestry, Fishing and Hunting	COUNTY	Benton
OCCUPATION	Transportation and Material Moving Occupations	OR-FACE NUMBER	OR 2023-58-1

A 51-year-old log truck driver was run over by a loaded log truck. The wrapped and loaded log truck was parked on the landing when he walked to the front of the trailer to call someone on the radio. After the radio call, he walked behind the trailer to release the airbrake when the log truck rolled over the employee, crushing him. He was transported to the hospital, where he died later that day.

DESCRIPTION	Motor vehicle accident	SEASON	Autumn
INDUSTRY	Administrative and Support and Waste Management and Remediation Services	COUNTY	Morrow
OCCUPATION	Transportation and Material Moving Occupations	OR-FACE NUMBER	OR 2023-59-1

While four employees were traveling to work in a ride-share vehicle, they approached a jackknifed semi-truck and trailer on the Interstate. As a result, the ride-share vehicle came to a stop and was rear-ended while the vehicle was stopped on the Interstate. One of the employees in the ride-share vehicle, a 36-year-old equipment operator, was pronounced dead at the scene.

FALLS, SLIPS, TRIPS

DESCRIPTION	Slip	SEASON	Winter
INDUSTRY	Construction	COUNTY	Jackson
OCCUPATION	Construction and Extraction Occupations	OR-FACE NUMBER	OR 2023-01-1

A 49-year-old electrician working on a roof slipped on ice and fell 22 feet to the ground below. Twenty-five years later, he died of his traumatic head injuries sustained in the fall.

DESCRIPTION	Fall to lower level	SEASON	Spring
INDUSTRY	Wholesale Trade	COUNTY	Baker
OCCUPATION	Sales and Related Occupations	OR-FACE NUMBER	OR 2023-02-1

A 60-year-old farm equipment salesman was loading equipment onto a trailer when he tripped backwards. He fell approximately two feet off the trailer onto his back. He was transported to the hospital, where he was found to have a spinal cord injury. Two and a half years later, he died from complications of his spinal cord injury.

DESCRIPTION	Slip	SEASON	Winter
INDUSTRY	Public Administration	COUNTY	Deschutes
OCCUPATION	Protective Service Occupations	OR-FACE NUMBER	OR 2023-03-1

An 86-year-old fire board member was walking in the parking lot of a fire station when he slipped and fell and fractured his femur. He was transported to the hospital, where he died 21 days later due to further complications from his injury.

DESCRIPTION	Fall to lower level	SEASON	Winter
INDUSTRY	Construction	COUNTY	Multnomah
OCCUPATION	Construction and Extraction Occupations	OR-FACE NUMBER	OR 2023-04-1

A 20-year-old roofing foreman was on a flat roof welding a roofing membrane when he fell approximately 45 feet to the concrete ground below. At the time of the incident, he was wearing fall protection but was not connected to a lifeline. He was pronounced dead at the scene.

DESCRIPTION	Fall to lower level	SEASON	Spring
INDUSTRY	Retail Trade	COUNTY	Lane
OCCUPATION	Management Occupations	OR-FACE NUMBER	OR 2023-21-1

A 62-year-old gas station owner/operator was at the top of a ladder checking fuel levels when the ladder slipped out, and he fell 15 feet to the gravel below. The ladder was leaning against the fuel tower before it slipped out. He was transported to the hospital, where he died later that day.

DESCRIPTION	Fall to lower level	SEASON	Spring
INDUSTRY	Accommodation and Food Services	COUNTY	Lincoln
OCCUPATION	Installation, Maintenance, and Repair Occupations	OR-FACE NUMBER	OR 2023-22-1

A 78-year-old maintenance worker was six feet up on a ladder removing a bird's nest when he fell off the ladder, hitting his head on the cement below. He was transported to the hospital with a head injury, where he died two days later.

DESCRIPTION	Fall to lower level	SEASON	Spring
INDUSTRY	Construction	COUNTY	Deschutes
OCCUPATION	Production Occupations	OR-FACE NUMBER	OR 2023-25-1

A 52-year-old welder was assisting with building a barn when he had a 15-foot fall from a ladder. He was transported to the hospital, where he died the next day due to complications from his injuries sustained in the accident.

DESCRIPTION	Fall to lower level	SEASON	Spring
INDUSTRY	Construction	COUNTY	Marion
OCCUPATION	Construction and Extraction Occupations	OR-FACE NUMBER	OR 2023-28-1

A 58-year-old independent roofing contractor had an unwitnessed fall from approximately 25 feet. Evidence of acute alcohol intoxication was reported by the medical examiner. He was transported to the hospital, where he died eight days later.

DESCRIPTION	Fall to lower level	SEASON	Spring
INDUSTRY	Administrative and Support and Waste Management and Remediation Services	COUNTY	Jackson
OCCUPATION	Building and Grounds Cleaning and Maintenance Occupations	OR-FACE NUMBER	OR 2023-31-1

A 29-year-old tree trimmer was removing the top of a tree when the tree cracked, and his safety line fell. As a result, he fell 50 feet to his death.

DESCRIPTION	Fall to lower level	SEASON	Summer
INDUSTRY	Construction	COUNTY	Multnomah
OCCUPATION	Production Occupations	OR-FACE NUMBER	OR 2023-41-1

While replacing panels on top of a 40-foot tank, a 52-year-old welder fell to the bottom of the empty tank below when the panel gave out. At the time of his fall, he was wearing fall protection equipment, but it was inadequate to stop his fall before hitting the ground. He was pronounced dead at the scene.

DESCRIPTION	Fall to lower level	SEASON	Summer
INDUSTRY	Administrative and Support and Waste Management and Remediation Services	COUNTY	Marion
OCCUPATION	Installation, Maintenance, and Repair Occupations	OR-FACE NUMBER	OR 2023-44-1

While climbing down a fixed ladder on a compactor, a 75-year-old maintenance worker fell seven feet to the concrete floor below. During his fall, he struck a control panel. He was transported to the hospital, where he immediately had head surgery. He died 13 days later from his injuries sustained in the fall.

DESCRIPTION	Fall to lower level	SEASON	Autumn
INDUSTRY	Construction	COUNTY	Klamath
OCCUPATION	Management Occupations	OR-FACE NUMBER	OR 2023-56-1

Two construction workers were sheeting the roof of a residential building when the 59-year-old construction company/owner fell approximately two stories and hit the concrete ground below. The coworker's back was turned away at the time of the incident. He was transported to the hospital, where he died four days later.

DESCRIPTION	Fall	SEASON	Autumn
INDUSTRY	Health Care and Social Assistance	COUNTY	Multnomah
OCCUPATION	Healthcare Support Occupations	OR-FACE NUMBER	OR 2023-60-1

A 37-year-old caregiver had an unwitnessed fall. A coworker who heard the fall found him on the ground moaning, and then he was unresponsive. He was transported to the hospital, where he died later that day.

EXPOSURE TO HARMFUL SUBSTANCES OR ENVIRONMENTS

DESCRIPTION	Asphyxiation (lack of air)	SEASON	Winter
INDUSTRY	Wholesale Trade	COUNTY	Hood River
OCCUPATION	Installation, Maintenance, and Repair Occupations	OR-FACE NUMBER	OR 2023-10-1

While working in a controlled atmospheric room (a room in which the levels of oxygen, carbon dioxide, temperature, and humidity are regulated to extend the shelf life of produce), a 63-year-old refrigerator technician was found unresponsive near the open man door. He died from asphyxia in an oxygen-deficient confined space.

DESCRIPTION	Exposure to carcinogens	SEASON	Spring
INDUSTRY	Public Administration	COUNTY	Multnomah
OCCUPATION	Protective Service Occupations	OR-FACE NUMBER	OR 2023-20-1

A 48-year-old firefighter died from occupational acute myeloid leukemia (a type of blood cancer).

DESCRIPTION	Electrocution	SEASON	Spring
INDUSTRY	Agriculture, Forestry, Fishing and Hunting	COUNTY	Wasco
OCCUPATION	Farming, Fishing, and Forestry Occupations	OR-FACE NUMBER	OR 2023-32-1

A 56-year-old farmer was working in a field when he was electrocuted. He had lifted an irrigation pipe and hit the overhead power line. He was pronounced dead at the scene.

DESCRIPTION	Overdose	SEASON	Summer
INDUSTRY	Other Services (except Public Administration)	COUNTY	Lane
OCCUPATION	Arts, Design, Entertainment, Sports, and Media Occupations	OR-FACE NUMBER	OR 2023-33-1

A 47-year-old administrator died of a fentanyl overdose while she was at work.

DESCRIPTION	Overdose	SEASON	Summer
INDUSTRY	Accommodation and Food Services	COUNTY	Marion
OCCUPATION	Installation, Maintenance, and Repair Occupations	OR-FACE NUMBER	OR 2023-36-1

A 42-year-old maintenance worker was found dead in a storage shed by a coworker. It was determined that he had overdosed on narcotics.

DESCRIPTION	Overdose	SEASON	Summer
INDUSTRY	Accommodation and Food Services	COUNTY	Josephine
OCCUPATION	Food Preparation and Serving Related Occupations	OR-FACE NUMBER	OR 2023-46-1

A 34-year-old server was found unresponsive in the bathroom. He died of a drug overdose.

DESCRIPTION	Overdose	SEASON	Autumn
INDUSTRY	Accommodation and Food Services	COUNTY	Multnomah
OCCUPATION	Food Preparation and Serving Related Occupations	OR-FACE NUMBER	OR 2023-51-1

A 44-year-old restaurant worker was found dead on his hands and knees. He appeared to collapse while working. He died of a fentanyl overdose.

DELAYED CASES | Worker fatalities with a death delayed 48+ hours from the date of injury, 2023.

EVENT	CAUSE OF DEATH	INTERVAL	OR-FACE NUMBER
Transportation incident	Traumatic intracerebral hemorrhage (a collection of blood within the brain tissue)	3 days	OR 2023-23-1
Fall	Traumatic brain injury	4 days	OR 2023-56-1
Fall	Severe traumatic brain injury	8 days	OR 2023-28-1
Transportation incident	Anoxic brain injury (lack of oxygen to the brain)	9 days	OR 2023-19-1
Fall	Subdural hematoma (a buildup of blood between the brain and the brain's protective outer covering)	13 days	OR 2023-44-1
Fall	Pneumonia	21 days	OR 2023-03-1
Violence by another person	Complications from head injuries	35 days	OR 2023-12-1
Exposure to harmful substances	Occupational acute myeloid leukemia (a type of blood cancer)	212 days	OR 2023-20-1
Fall	Aspiration pneumonia	2 years, 6 months, 6 days	OR 2023-02-1
Fall	Complications from blunt force head trauma	25 years, 27 days	OR 2023-01-1

EVENT DEFINITIONS

The event or exposure describes the manner in which the injury or illness was produced or inflicted by the source of injury or illness.

Adapted from US Bureau of Labor Statistics (2012), *Occupational Injury and Illness Classification Manual*. US Department of Labor. Accessed online (April 2023) <https://www.bls.gov/iif/definitions/oiiics-manual-2010.pdf>

Assaults and Violent Acts

Assaults and violent acts include cases where a person was injured or made ill by assaults, or by violent, harmful actions regardless of intent. Included in this definition are assaults by others, injuries to oneself, and assaults by animals. This category includes injuries occurring in a hostile environment even though the person injured was not the intended victim, such as a teacher hit while breaking up a fight.

Bodily Reaction and Exertion

This event definition applies to cases, usually non-impact, in which injury or illness resulted from free bodily motion, from excessive physical effort, from repetition of a bodily motion, from the assumption of an unnatural position, or from remaining in the same position over a period of time.

Contact With Objects and Equipment

This event applies to injuries produced by contact between the injured person and the source of injury except when contact was due to falls, transportation incidents, fires, explosions, assaults, or violent acts. Contact may be denoted by a statement that the injured person struck or was struck by an object, was caught in an object, rubbed against an object, or by words such as "hit by," or "hit," "bumped into," "crushed by," or "banged."

Exposure to Harmful Substances or Environments

This event definition applies to cases in which the injury or illness resulted from contact with, or exposure to, a condition or substance in the environment. Cases of burns, heat stress, smoke inhalation, or oxygen deficiency resulting from an uncontrolled or unintentional fire are generally coded fire and explosions, unless a transportation incident or assault or violent act was involved.

Falls

Falls are events where the injury was produced by an impact between the injured person and an object or surface when the motion was generated by gravity.

Fires and Explosions

This event definition applies to cases where the injury or illness resulted from an explosion or fire. Included are cases where the person fell or jumped from a burning building, inhaled a harmful substance, or was struck by or struck against an object as a result of an explosion or fire. This definition also includes incidents where the worker was injured due to being trapped in a fire or whose respirator had run out of oxygen during a fire. Excluded from this category are injuries to firefighters resulting from lifting fire hoses and falls not related to the fire or explosion itself, such as falls in the parking lot of a burning building.



ABOUT

The Oregon Institute of Occupational Health Sciences at Oregon Health & Science University

The Oregon Institute of Occupational Health Sciences is dedicated to health and safety in the workforce. The Institute's mission is to promote health, and prevent disease and disability among working Oregonians and their families during their employment years and through retirement. The Institute accomplishes this mission through basic and applied research, outreach, and education.

Oregon Health & Science University (OHSU) is a nationally prominent research university and Oregon's only academic health center. It educates health professionals and scientists and provides leading-edge patient care, community service and biomedical research.

OR-FACE

The Oregon Fatality Assessment and Control Evaluation (OR-FACE) is a project of the Oregon Institute of Occupational Health Sciences at Oregon Health & Science University. OR-FACE is supported by a cooperative agreement with the National Institute for Occupational Safety and Health (NIOSH) (grant #U60OH012411) through the Occupational Public Health Program (OPHP) of the Public Health Division of the Oregon Health Authority.

OR-FACE conducts surveillance, investigation, and assessment of traumatic occupational fatalities in Oregon, and produces safety materials to promote worker safety aimed at preventing similar injuries. OR-FACE investigations of fatal occupational incidents assess risk factors that include the working environment, the worker, activity, tools, energy exchange, and role of management.

Transportation Incidents

This event definition applies to events involving transportation vehicles, powered industrial vehicles, or powered mobile industrial equipment where at least one vehicle (or mobile equipment) was in normal operation and the injury/illness was due to collision or other type of traffic accident, loss of control, or a sudden stop, start, or jolting of a vehicle, regardless of the location where the event occurred. References to "vehicles" should be interpreted to include powered industrial vehicles and powered mobile industrial equipment unless otherwise noted. Cases classified under this event definition include pedestrians, roadway workers, or other non-passengers struck by vehicles, powered industrial equipment on or off the roadway (including indoor locations) when the incident meets these criteria:

- (a) at least one vehicle was in regular operation, and
- (b) the impact was caused by a traffic incident or forward/backward travel of the vehicle.

Other Events or Exposures

This event definition applies to any event or exposure that is not classified or listed under any other division.



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Published 2025. To ensure accurate fatality surveillance, each Annual Report has historically been published approximately 18 months after the end of a study year, as some cases need more time to properly be classified as workplace fatalities by the appropriate authorities.

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