



Washington State Work-Related Fatalities Report

WA FACE Program

2017



Research for Safe Work

SHARP Program
Washington State Department of
Labor & Industries
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WASHINGTON
State **FACE** Program

Fatality Assessment & Control Evaluation



Washington State Department of
Labor & Industries

2017 Washington State Work-Related Fatalities Report

WA FACE Program



Who is Included:

All people who were working in Washington State or the waters or airspace within or off of the state and died due to a work-related incident. Workers based in other states that have fatal injury incidents in Washington are included.

Types of Incidents Included:

Acute trauma fatalities including but not limited to:

- Acute chemical exposures
- Homicides
- Suicides
- Motor vehicle incidents
- Machinery incidents
- Falls

Types of Incidents Not Included:

- Fatalities due to natural cause (heart attacks, aneurysms, etc.) unless root cause is determined to be the result of a work injury
- Fatalities due to diseases from long-term exposure (disease examples include asbestosis and silicosis)
- Fatalities that occurred in the calendar year due to an incident from a previous year

Washington FACE

The Fatality Assessment and Control Evaluation Program (WA FACE) at the Washington State Department of Labor and Industries collects data on all workplace acute trauma fatalities, regardless of workers' compensation insurance coverage for the deceased or whether the incident falls under the jurisdiction of L&I's Division of Occupational Safety and Health (DOSH) or the federal Occupational Safety and Health Administration (OSHA). A complete listing of FACE products and more information on the program can be found on the FACE website at www.Lni.wa.gov/Safety/Research/FACE or by calling us toll-free at 1-888-667-4277.

WA FACE is one of seven state programs that have cooperative agreements with the National Institute for Occupational Safety and Health (NIOSH) to conduct surveillance, targeted investigations, and prevention activities at the state level.

Other Data Sources

The U.S. Department of Labor Bureau of Labor Statistics Census of Fatal Occupational Incidents (CFOI) also collects surveillance data on occupational fatalities in Washington State. CFOI and WA FACE data may differ in terms of numbers of annual work-related fatalities. Reasons for differences are that CFOI includes cases according to the date of death in its annual numbers, not the date of incident, and other potential differences in case determination criteria. All cases are verified and characterized using multiple sources of information including, but not limited to:

- Death Certificates
- Coroner and Medical Examiner Reports
- DOSH Incident Inspection Reports
- Police Department Incident Reports
- Coast Guard Reports

Case Classification

All cases are categorized according to industry, occupation, and incident type using standard classification systems:

- Industry categorized by North American Industrial Classification System (NAICS) based on the activities in which they are primarily engaged
- Occupation categorized by Standard Occupational Classification (SOC)
- Incident Type categorized by International Classification of Diseases, ninth revision (ICD-9)

This report is dedicated to the men and women who lost their lives as a result of a traumatic work-related injury in Washington State.

The data in this report are preliminary and are current as of March 30, 2018. Changes to final annual fatality information may occur due to late reports or updates. 2016 report numbers may have changed due to updated information received over the past year.



Prepared by Christina Rappin, Randy Clark and Todd Schoonover. The WA FACE Program is supported in part by a grant from the National Institute for Occupational Safety and Health (NIOSH grant 2U60OH008487).

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2017 WA Work-Related Fatalities SUMMARY

In 2017, 75 traumatic work-related incidents that resulted in a worker's death occurred in Washington State.

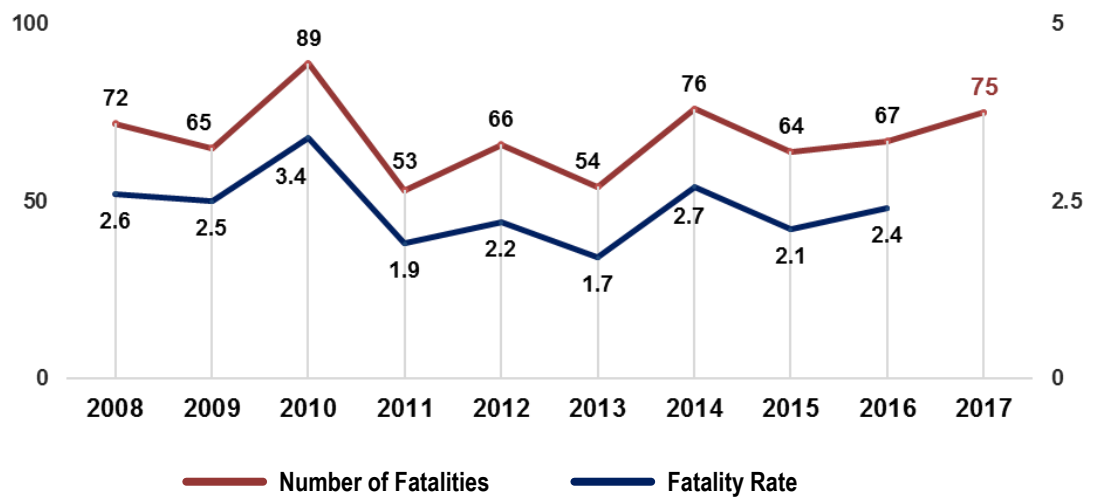
This is eight more workplace fatalities than occurred in 2016, and the third highest number of the last ten years.

In the last decade, there have been 681 traumatic work-related deaths in Washington.

INDUSTRIES

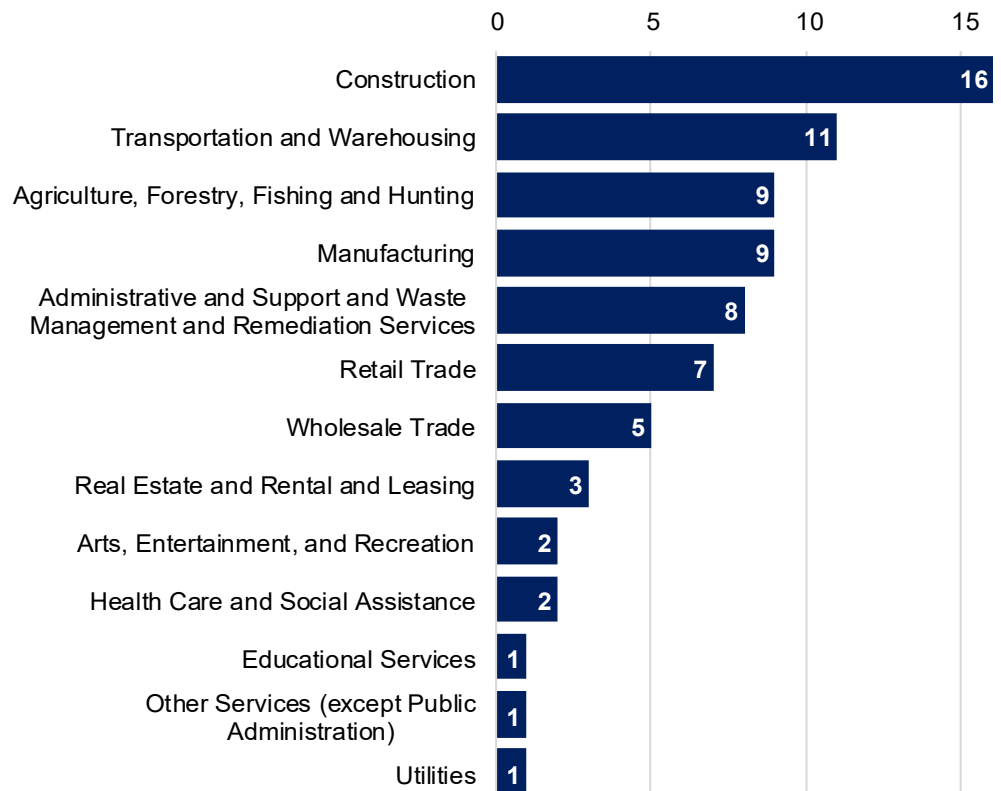
- The Construction industry (NAICS 23) had the highest number of workplace fatalities in 2017 with 16 deaths. This was the highest number of construction fatalities since 2008.
- Transportation and Warehousing (NAICS 48-49) saw the highest number of fatalities since 2013.
- Agriculture, Forestry, Fishing and Hunting (NAICS 11) had five fewer work-related deaths than in 2016, and the lowest number of fatalities since 2013.
- Nine workers died in Manufacturing (NAICS 31-33), six more than in 2016.
- Six of the seven deaths in Retail Trade (NAICS 44-45) were due to either homicide or suicide.

Washington State Work-Related Fatalities and Fatality Rates*
All Industries 2008–2017



* Number of Fatalities source: WA FACE data. Fatality Rate per 100,000 employed persons age 16 years or older, source: U.S. Bureau of Labor Statistics, Census of Fatal Occupational Injuries.

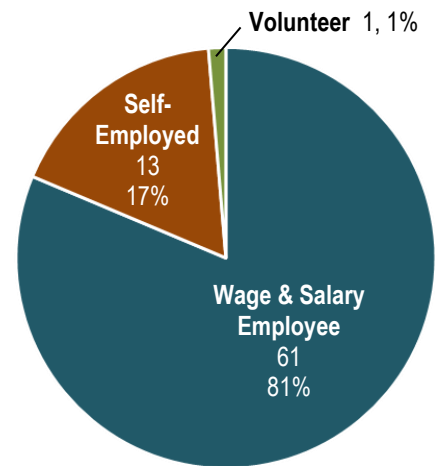
2017 Washington State Work-Related Fatalities by Industry Sector



WORKER CHARACTERISTICS

- 95% of workers were male (71).
- 17% of workers were self-employed (13).
- 12% of workers were Hispanic (9).
- 1 worker was a volunteer.
- 9 workers were born in other countries: 5 from Mexico, 1 each from Canada, El Salvador, Guatemala, and Russia.

Employment Status



May not add to 100% due to rounding

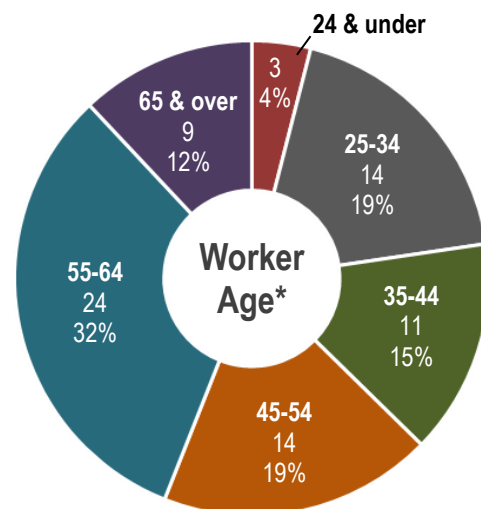
OCCUPATION*

- 15 workers were heavy and tractor-trailer truck drivers, 20% of all 2017 fatalities.
- 3 carpenters died from falls.
- 3 workers were employed in fishing occupations.
- 3 workers were tree trimmers.
- No manual logging tree fallers died on the job in 2017.

* See page 13 for a complete listing of 2017 fatalities by Standard Occupation Code (SOC)

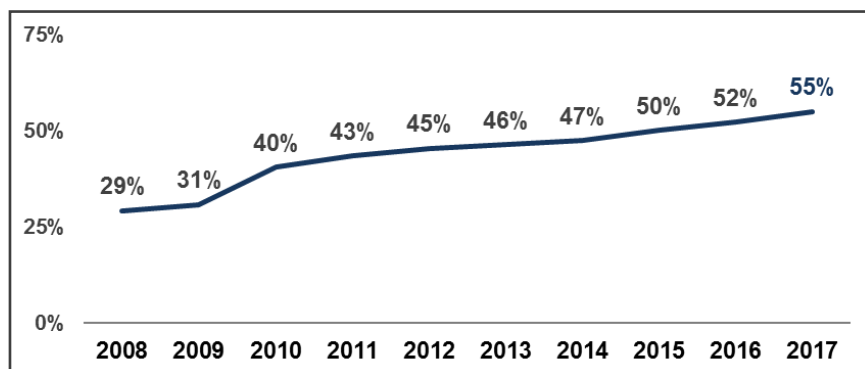
AGE

- The youngest Washington worker to die on the job in 2017 was 19, and the oldest was 73.
- 55% of workers were age 50 or older (41).
- 12% of workers were age 65 or older (9).



*May not add to 100% due to rounding

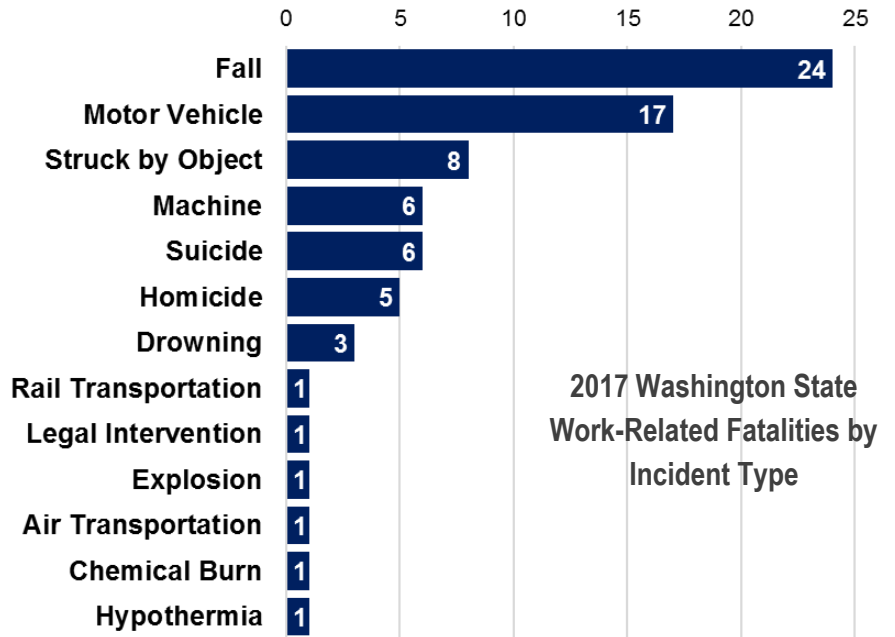
Washington State Work-Related Fatalities 2008–2017
Percent of Workers Age 50 or Older



The percentage of workers who were age 50 or older at the time of a fatal incident has risen steadily over the past decade, to 55% in 2017.

INCIDENT TYPE

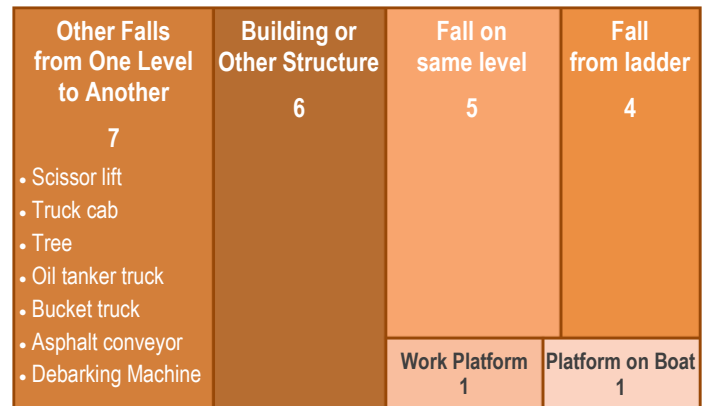
- Falls were again the leading cause of work-related fatal incidents in 2017, with 24 incidents.
- Motor vehicle incidents accounted for 23% of worker deaths (17).
- Over half (55%) of all worker deaths were caused by falls or motor vehicle incidents.
- 15% of worker deaths were due to homicide or suicide (11).
- 8 deaths occurred after a worker was struck by a falling or flying object, 5 more than in 2016.



FALLS:

- 32% of work-related deaths were due to falls.
- 42% of falls were in Construction (10).
- Fatal falls occurred in 8 industry sectors.
- 5 deaths were from falls on the same level.
- 4 fatal falls were from ladders.
- 4 falls from buildings were through a skylight or unguarded opening.
- 63% of workers who died from falls were age 50 or older (15).

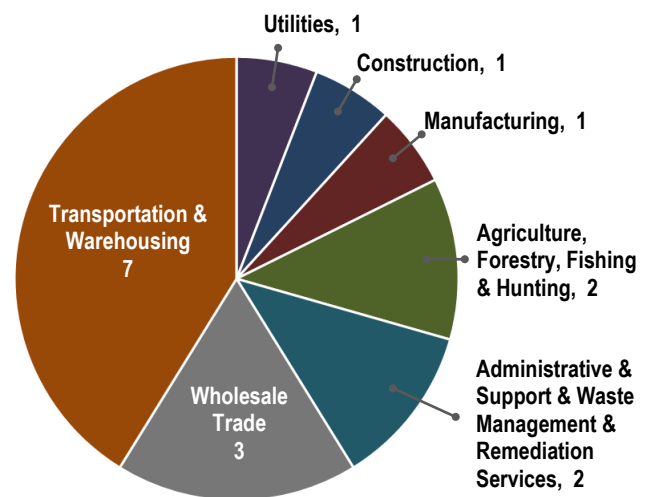
Type of Fall



MOTOR VEHICLE:

- Between 2008 and 2017, 165 workers died in work-related Motor Vehicle incidents in Washington.
- In 2017, motor vehicle-related fatalities occurred in 7 different industries.
- 41% of fatalities were in the Transportation and Warehousing industry.
- Fatal motor vehicle incidents occurred in 13 Washington counties.
- 53% of workers were Heavy and Tractor-Trailer Truck Drivers (9).

Motor Vehicle Incidents by Industry



INCIDENT TYPE

HOMICIDE AND SUICIDE:

- 15% of workplace deaths were due to homicide or suicide in 2017 (11).
- Over half (6) of fatalities were in the Retail industry: 3 homicide and 3 suicide.
- Three fewer workers died by homicide than in 2016.
- All workers who died by suicide were male.
- Two workers who died by homicide were female.
- Four deaths involved firearms: 3 homicide and 1 suicide.

HOMICIDE

Industry and Occupation

Retail Trade	3
Cashiers	1
Counter and Rental Clerks	1
First-Line Supervisors of Retail Sales Workers	1
Health Care and Social Assistance	1
Counselors, All Other	1
Real Estate and Rental and Leasing	1
Property, Real Estate, and Community Association Managers	1

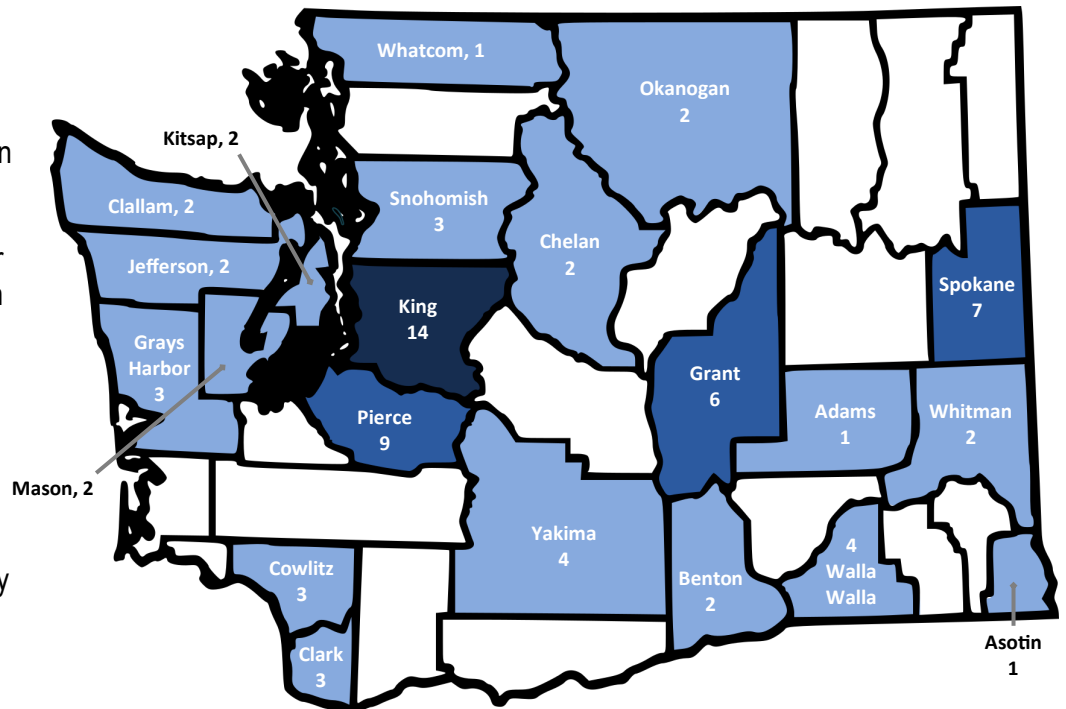
SUICIDE

Industry and Occupation

Retail Trade	3
First-Line Supervisors of Retail Sales Workers	1
Jewelers	1
Retail Salespersons	1
Manufacturing	1
Heavy and Tractor-Trailer Truck Drivers	1
Administrative and Support and Waste Management and Remediation Services	1
First-Line Supervisors of Landscaping, Lawn Service, and Groundskeeping Workers	1
Health Care and Social Assistance	1
Stock Clerks and Order Fillers	1

COUNTIES

- On-the-job deaths occurred in 21 Washington counties in 2017.
- In 2017, the highest number of fatal incidents occurred in King County (14).
- Pierce County experienced the second highest number of fatalities with 9.
- The number of fatal incidents in Spokane County (7) was more than triple the number in 2016 (2).



NUMBER OF DEATHS: None Under 5 5 to 10 Over 10

CONSTRUCTION [NAICS 23]

In 2017, 16 workers died from work-related injuries in the Construction industry sector,

There were five more fatal incidents than occurred in 2016, and the highest annual number of deaths in Construction since 2008.

INDUSTRIES

Number of fatalities by industry

SPECIALTY TRADE CONTRACTORS

- 4..... Site Preparation Contractors (238910)
- 2..... Roofing Contractors (238160)
- 1..... Poured Concrete Foundation and Structure Contractors (238110)
- 1..... Structural Steel and Precast Concrete Contractors (238120)
- 1..... Siding Contractors (238170)
- 1..... Painting and Wall Covering Contractors (238320)
- 1..... All Other Specialty Trade Contractors (238990)

HEAVY AND CIVIL ENGINEERING CONSTRUCTION

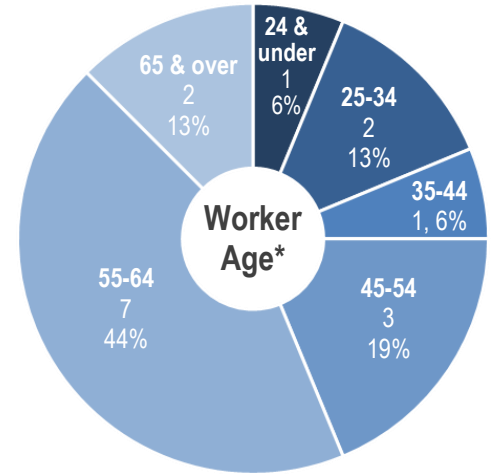
- 2..... Highway, Street, and Bridge Construction (237310)

CONSTRUCTION OF BUILDINGS

- 1..... New Single-Family Housing Construction (236115)
- 1..... Residential Remodelers (236118)
- 1..... Commercial and Institutional Building Construction (236220)

WORKERS

- 63% of Construction workers who died on the job in 2017 were age 50 or older (10).
- All workers were male.
- Two workers were self-employed.
- Two workers were Hispanic.



*May not add to 100% due to rounding

WORKER OCCUPATIONS:

- 3.... Carpenters
- 2.... Roofers
- 2.... Structural Iron and Steel Workers
- 2.... Operating Engineers and Other Construction Equipment Operators
- 1.... Heavy and Tractor-Trailer Truck Drivers
- 1.... Excavating and Loading Machine and Dragline Operators
- 1.... Plant and System Operators, All Other
- 1.... Construction Managers
- 1.... First-Line Supervisors of Transportation and Material-Moving Machine and Vehicle Operators
- 1.... Painters, Construction and Maintenance
- 1.... Paving, Surfacing, and Tamping Equipment Operators

INCIDENTS

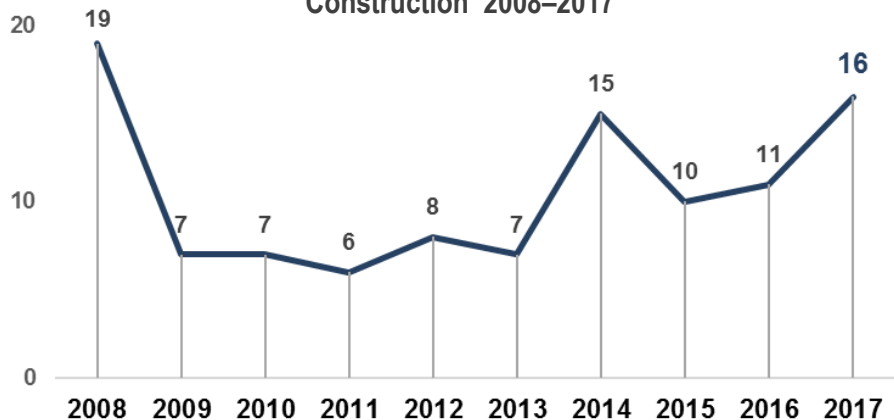
Incident Type Construction

Fall 10 63%	Machine 3 19%	Struck by Object 2 13%
		Motor Vehicle 1, 6%

May not add to 100% due to rounding

- Falls accounted for 63% of fatal incidents in Construction.
- Half of the fatal falls were from 20 feet or lower.
- Four of the fatal falls were from a ladder.
- Both of the Struck by Object fatalities happened while workers were hooking or unhooking a trailer.

Washington State Work-Related Fatalities Construction 2008–2017



TRANSPORTATION AND WAREHOUSING [NAICS 48-49]

In 2017, 11 workers died from work-related injuries in the Transportation and Warehousing industry sector.

There were two more fatal incidents than in 2016 in this industry sector, and the highest annual number of deaths since 2013.

INDUSTRIES

Number of fatalities by industry

TRUCK TRANSPORTATION

4.... General Freight Trucking, Long-Distance, Truckload (484121)

1.... General Freight Trucking, Local (484110)

1.... Used Household and Office Goods Moving (484210)

1.... Specialized Freight Trucking, Local (484220)

COURIERS AND MESSENGERS

1.... Local Messengers and Local Delivery (492210)

TRANSIT AND GROUND PASSENGER TRANSPORTATION

1.... Bus and Other Motor Vehicle Transit Systems (485113)

SUPPORT ACTIVITIES FOR TRANSPORTATION

1.... Navigational Services to Shipping (488330)

RAIL TRANSPORTATION

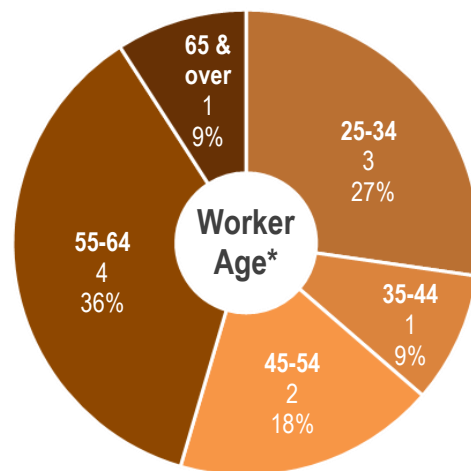
1.... Line-Haul Railroads (482111)

WORKERS

- 6 workers were age 50 or older (55%).
- 1 worker was female.
- 1 worker was Hispanic.
- 1 worker was self-employed.

WORKER OCCUPATIONS:

- 7.... Heavy and Tractor-Trailer Truck Drivers
- 1.... Driver/Sales Workers
- 1.... Railroad Conductors and Yardmasters
- 1.... Sailors and Marine Oilers
- 1.... Bus and Truck Mechanics and Diesel Engine Specialists

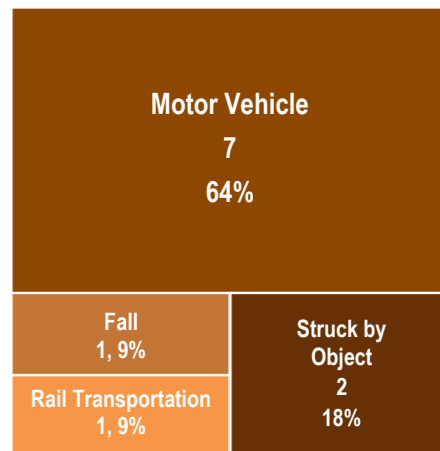


*May not add to 100% due to rounding

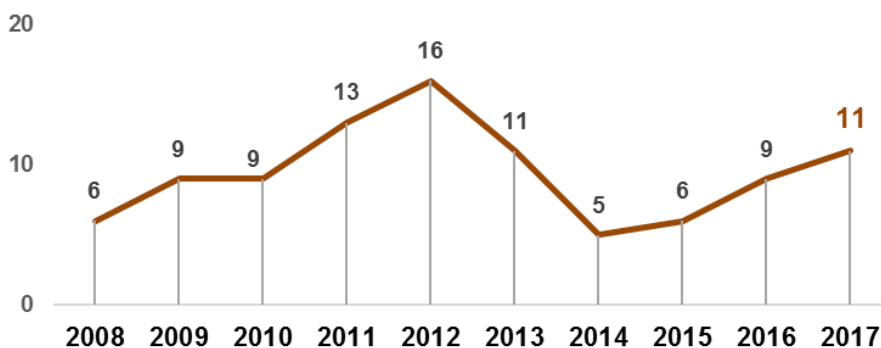
INCIDENTS

- 7 workers died in motor vehicle incidents (64%).
- Two workers died after being struck by objects. There had not been any fatal incidents of this type in Transportation and Warehousing since 2014:
 - A truck driver was pinned by hay bales being loaded.
 - A deckhand was struck by a mooring line during docking.

Incident Type Transportation and Warehousing



Washington State Work-Related Fatalities
Transportation and Warehousing 2008–2017



AGRICULTURE, FORESTRY, FISHING AND HUNTING [NAICS 11]

In 2017, 9 workers died from work-related injuries in the Agriculture, Forestry, Fishing and Hunting industry sector.

There were five fewer fatal incidents than in 2016, and the lowest annual number of deaths since 2013.

INDUSTRIES

Number of fatalities by industry

CROP PRODUCTION

- 1..... All Other Grain Farming (111199)
- 1..... Apple Orchards (111331)
- 1..... Berry (except Strawberry) Farming (111334)
- 1..... Nursery and Tree Production (111421)

FISHING

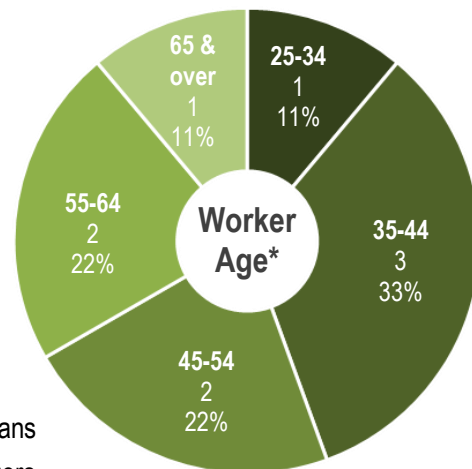
- 2..... Other Marine Fishing (114119)
- 1..... Finfish Fishing (114111)

FORESTRY AND LOGGING

- 2..... Logging (113310)

WORKERS

- All workers were male.
- 5 workers were age 50 or older (56%).
- 3 workers were Hispanic (33%).
- 1 worker was self-employed.



*May not add to 100% due to rounding

WORKER OCCUPATIONS:

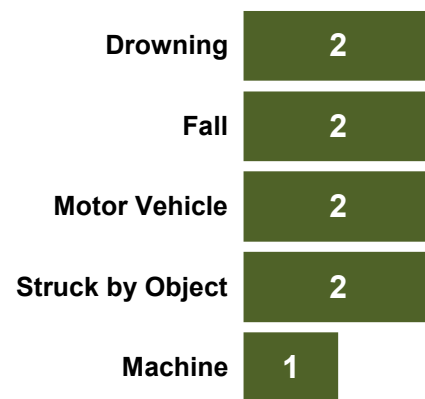
- 3.... Fishers and Related Fishing Workers
- 1.... Farm Equipment Mechanics and Service Technicians
- 1.... Farmers, Ranchers, and Other Agricultural Managers
- 1.... Farmworkers and Laborers, Crop, Nursery, and Greenhouse
- 1.... Heavy and Tractor-Trailer Truck Drivers
- 1.... Laborers and Freight, Stock, and Material Movers, Hand
- 1.... Logging Workers, All Other

INCIDENTS

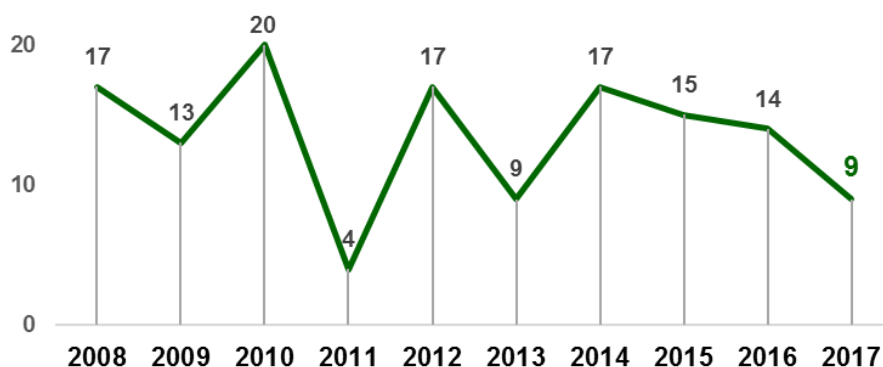
- One of the motor vehicle incidents involved a Utility Task Vehicle (UTV).
- There were two fatal incidents in the logging industry: One worker died when his log truck overturned, another was struck by a metal cable.
- There was only one machine related fatality in this industry in 2017, the lowest number in a decade.
 - The fatal machine incident was a tractor rollover. There has not been a year without a fatal tractor rollover in Washington since 2012.

Incident Type

Agriculture, Forestry, Fishing and Hunting



Washington State Work-Related Fatalities
Agriculture, Forestry, Fishing and Hunting 2008–2017



MANUFACTURING [NAICS 31–33]

In 2017, 9 workers died from work-related injuries in the Manufacturing industry sector.

There were six more fatal incidents than in 2016, and the highest annual number of deaths since 2010.

INDUSTRIES

Number of fatalities by industry

CHEMICAL MANUFACTURING

1..... All Other Basic Organic Chemical Manufacturing (325199)

1..... Fertilizer (Mixing Only) Manufacturing (325314)

WOOD PRODUCT MANUFACTURING

2..... Sawmills (321113)

PLASTICS MANUFACTURING

2..... All Other Plastics Product Manufacturing (326199)

ELECTRICAL EQUIPMENT, APPLIANCE, AND COMPONENT MANUFACTURING

1..... Relay and Industrial Control Manufacturing (335314)

TRANSPORTATION EQUIPMENT MANUFACTURING

1..... Aircraft Manufacturing (336411)

FOOD MANUFACTURING

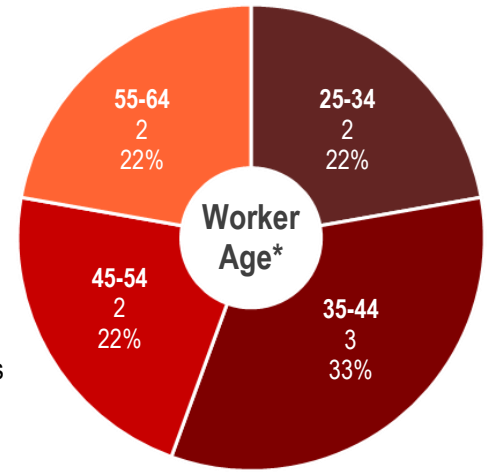
1..... Meat Processed from Carcasses (311612)

WORKERS

- All workers were male.
- 4 workers were age 50 or older (44%).

WORKER OCCUPATIONS:

- 1.... Chemical Equipment Operators and Tenders
- 1.... Electrical and Electronics Engineering Technicians
- 1.... Electricians
- 1.... Heavy and Tractor-Trailer Truck Drivers
- 1.... Industrial Machinery Mechanics
- 1.... Maintenance Workers, Machinery
- 1.... Millwrights
- 1.... Molding, Coremaking, and Casting Machine Setters, Operators, and Tenders, Metal and Plastic
- 1.... Slaughterers and Meat Packers



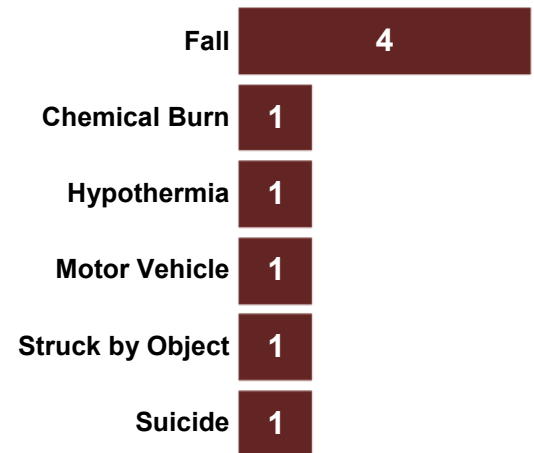
*May not add to 100% due to rounding

INCIDENTS

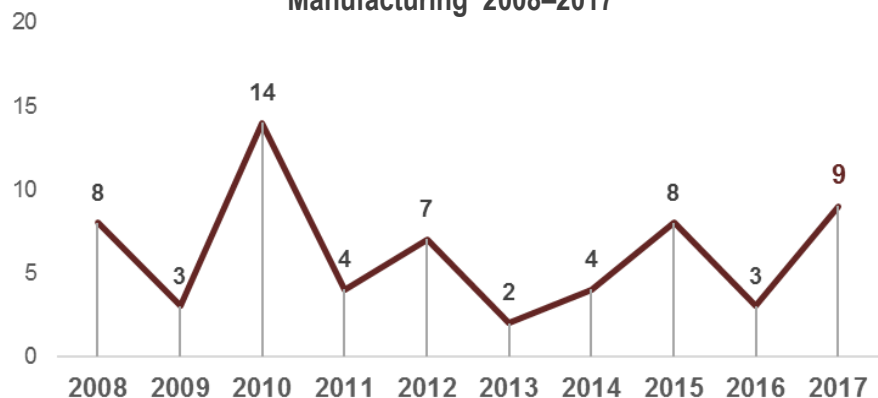
- There were 4 fatal fall incidents in manufacturing, the highest number in the last ten years.
- Two fatal falls from elevation occurred in sawmills.
- Two deaths were from falls on the same level.
- The death due to hypothermia occurred in a freezer trailer at a meat processing plant.

Incident Type

Manufacturing



Washington State Work-Related Fatalities
Manufacturing 2008–2017



HEAVY AND TRACTOR-TRAILER TRUCK DRIVERS [SOC 53-3032]

In 2017, 15 Heavy and Tractor-Trailer Truck Drivers died on the job. This is the highest number of annual deaths for this occupation in the last ten years.

In the last decade, 95 Heavy and Tractor-Trailer Truck Drivers have died on the job in Washington State.

INDUSTRIES

TRANSPORTATION AND WAREHOUSING

4.....General Freight Trucking, Long-Distance, Truckload (484121)

1.....General Freight Trucking, Local (484110)

1.....Used Household and Office Goods Moving (484210)

1.....Specialized Freight Trucking, Local (484220)

WHOLESALE TRADE

1.....Brick, Stone, and Related Construction Material Merchant Wholesalers (423320)

1.....Recyclable Material Merchant Wholesalers (423930)

1.....Confectionery Merchant Wholesalers (424450)

1.....Fresh Fruit and Vegetable Merchant Wholesalers (424480)

1.....Petroleum and Petroleum Products Merchant Wholesalers (424720)

AGRICULTURE, FORESTRY, FISHING AND HUNTING

1.....Logging (113310)

CONSTRUCTION

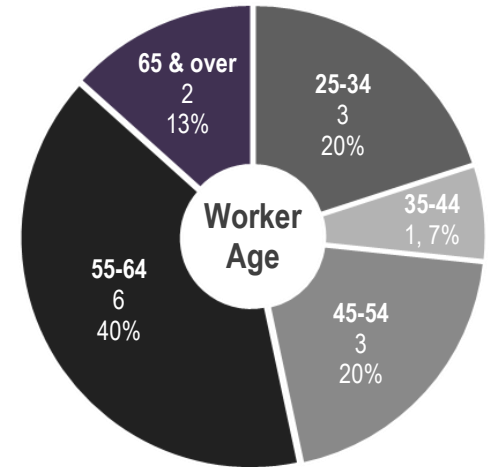
1.....Site Preparation Contractors (238910)

MANUFACTURING

1.....Fertilizer Manufacturing (325314)

WORKERS

- 1 worker was female.
- 10 workers were age 50 or older (67%).
- 2 workers were Hispanic.
- 1 worker was self-employed.
- All were Washington State residents.

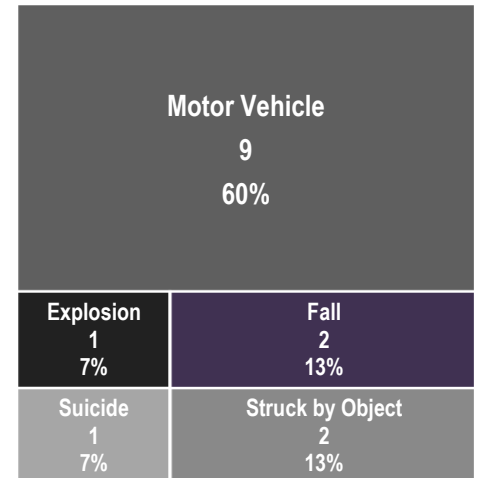


INCIDENTS

- 60% of heavy and tractor-trailer truck drivers died in motor vehicle incidents.
 - Motor Vehicle incidents occurred on:
 - 4.... State Highway
 - 2.... Interstate
 - 1.... County Road
 - 1.... Private Road
 - 1.... Truck Yard
- Two fatal incidents were falls:
 - One worker fell from the top of a tanker oil truck.
 - Another worker fell when exiting the cab and hit his head on the truck's steps.

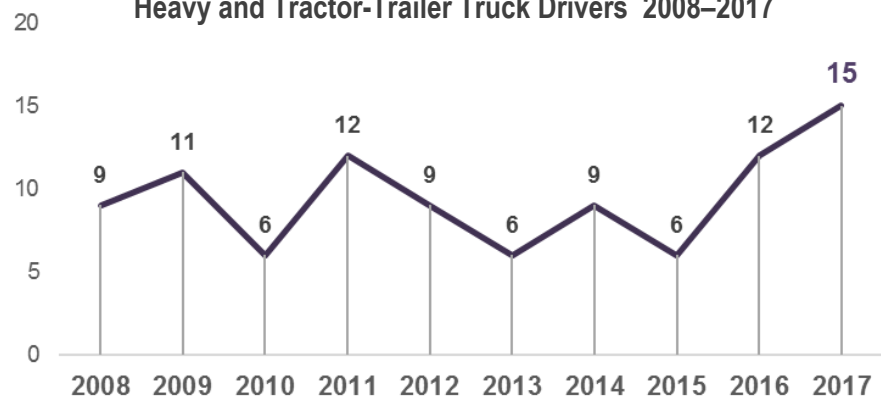
Incident Type

Heavy and Tractor-Trailer Truck Drivers



Washington State Work-Related Fatalities

Heavy and Tractor-Trailer Truck Drivers 2008–2017



Occupation Description (SOC 2000 code)	Fatalities
Heavy and Tractor-Trailer Truck Drivers	15
Carpenters	3
Fishers and Related Fishing Workers	3
Tree Trimmers and Pruners	3
Farm Equipment Mechanics and Service Technicians	2
Farmworkers and Laborers, Crop, Nursery, and Greenhouse	2
First-Line Supervisors of Retail Sales Workers	2
Operating Engineers and Other Construction Equipment Operators	2
Roofers	2
Stock Clerks and Order Fillers	2
Structural Iron and Steel Workers	2
Airline Pilots, Copilots, and Flight Engineers	1
Bus and Truck Mechanics and Diesel Engine Specialists	1
Cashiers	1
Chemical Equipment Operators and Tenders	1
Construction Managers	1
Counselors, All Other	1
Counter and Rental Clerks	1
Driver/Sales Workers	1
Electrical and Electronics Engineering Technicians	1
Electricians	1
Excavating and Loading Machine and Dragline Operators	1
Farmers, Ranchers, and Other Agricultural Managers**	1
First-Line Supervisors of Landscaping, Lawn Service, and Groundskeeping Workers	1
First-Line Supervisors of Transportation and Material-Moving Machine and Vehicle Operators	1
Industrial Machinery Mechanics	1
Industrial Truck and Tractor Operators	1
Janitors and Cleaners, Except Maids and Housekeeping Cleaners	1
Jewelers and Precious Stone and Metal Workers	1
Laborers and Freight, Stock, and Material Movers, Hand	1
Light Truck or Delivery Services Drivers	1
Logging Workers, All Other	1
Maintenance and Repair Workers, General	1
Maintenance Workers, Machinery	1
Managers, All Other	1
Millwrights	1
Molding, Coremaking, and Casting Machine Setters, Operators, and Tenders, Metal and Plastic	1
Painters, Construction and Maintenance	1
Paving, Surfacing, and Tamping Equipment Operators	1
Personal Care and Service Workers, All Other	1
Plant and System Operators, All Other	1
Property, Real Estate, and Community Association Managers	1
Railroad Conductors and Yardmasters	1
Real Estate Sales Agents	1
Refuse and Recyclable Material Collectors	1
Retail Salespersons	1
Sailors and Marine Oilers	1
Slaughterers and Meat Packers	1

Administrative and Support and Waste Management and Remediation Services

Employment Services

- A laborer was hired through a temporary help service to work at a vineyard. As he was exiting the employer's work van, he fell and hit his head. He died of his head injuries.

Business Support Services

- A delivery driver employed by a dairy service was transporting parts in a car to a customer. He slipped on ice and fell outside his vehicle in a parking lot. He hit his head on the ground and died of a head injury.

Services to Buildings and Dwellings

- A box van driver stepped out of a van and then when the van rolled forward was pinned against the wall of a storage facility.
- A janitorial service worker was cleaning glass awnings when he unclipped his lanyard from a catenary line and then fell through an opening in the awning.
- A landscaping business owner died by suicide from hanging at his place of business.
- An arborist using a bucket truck to move a tree fell from the bucket 25 feet to the ground.
- The owner of a tree care service was working from the elevated bucket of an aerial lift cutting a tree, when a limb fell and he was entangled in a rope that caused him severe trauma.

Waste Collection

- A laborer employed by a junk removal company was a passenger in a company truck that crashed when it left a highway and he was ejected from the truck. He was not wearing a seatbelt.

Agriculture, Forestry, Fishing and Hunting

Grain Farming

- A farm laborer was operating a utility task vehicle (UTV) to check for flooded fields on his employer's farm. He drove the vehicle up onto the shoulder of a state highway. After checking for oncoming vehicles, he began driving the UTV onto the road. He was struck by a pickup truck.

Fruit and Tree Nut Farming

- A laborer at a freezer storage unit of a fruit processing facility at a berry farm was working from a scissor lift to clean ice and frost build up on piping. He fell 24 feet from the lift.
- A tractor operator at an orchard died when the tractor he was operating rolled over and he was crushed underneath it. The tractor was not equipped with a rollover protective structure (ROPS).

Nursery

- A mechanic at a fruit tree nursery was underneath a pickup truck making repairs. The back end of the truck was supported by stacked tires and the front end by a forklift. The forklift rolled forward causing the truck to fall and crush him.

Logging

- A choker setter at a logging site was struck by a metal cable under tension when the stump around which the cable was secured failed. He was also struck by the stump.
- A log truck driver lost control of his fully loaded truck on a curve of a state highway. The truck struck a guardrail and overturned.

Fishing

- A fish spotter on a reef net fishing boat fell about 30 feet from a spotting platform, landing on the boat deck.
- A fisherman aboard a commercial fishing vessel in coastal waters drowned when he became tangled in buoy lines and fell overboard.
- A tribal commercial geoduck diver who worked from a commercial boat died during a dive.

Arts, Entertainment, and Recreation

Performing Arts Companies

- A volunteer at an event to clean up the grounds of an outdoor theater and park owned by a nonprofit organization was helping to remove a dead tree. He was 20 feet up in the tree when it broke under him and fell to the ground with the tree landing on top of him.

Construction

Residential Building Construction

- A construction contractor was standing on a stepladder painting a mobile home when he fell from 10 feet, landing on a concrete walkway.
- A framer preparing to install trusses fell 20 feet from the top plate of a second story house under construction.

Nonresidential Building Construction

- A carpenter was installing tongue and groove cedar on the roof a new school gym. Before leaving work for the day, he and other work crew members were stapling Tyvek paper over the wood to protect it from the rain. The victim ran out of staples and went to another part of the roof to look for more staples. Before he did this, he took off his safety harness. As he was walking across the roof, he stepped on protective paper that was covering a roof opening. The paper gave way and he fell through the opening landing 19 feet below.

Highway, Street, and Bridge Construction

- A supervisor of trucking operations at a construction company was attempting to hook-up a belly dump trailer when the trailer slipped and he was pinned between two dump trailers.
- A foreman at an asphalt plant fell 71 feet down an asphalt mixing conveyor.

Foundation, Structure, and Building Exterior Contractors

- A roofer was working from a ladder when he extended his reach and fell 18 feet to the ground.
- A roofer was cleaning a roof of a warehouse when he fell 30 feet through a skylight.
- A siding contractor was working from a stepladder on the third floor of an apartment building being constructed. He fell from the stepladder and went over the open side of the building, landing 27 feet below on the ground.
- An ironworker fell 90 feet from the top floor of a building under construction.
- An ironworker fell 24 feet through an unguarded skylight opening of a building under construction.

Building Finishing Contractors

- A painter was working from a 24 foot extension ladder to paint a house. As he was painting a window frame, the ladder became displaced and he fell 17 feet.

Other Specialty Trade Contractors

- A construction equipment operator was driving a utility truck along a state highway when his vehicle was struck by a log hanging from of a log truck traveling in the opposite direction. His vehicle then left the road and crashed.
- A truck driver unhooking a lowboy trailer was struck by the trailer when it fell on him.
- An equipment operator was crushed between the arm and the bucket and cab of a skid-steer loader.
- An equipment operator was operating a compact roller at a construction site when he fell from the operator's seat and was struck by the roller.
- An excavator operator was using the excavator to dig up the root system of a large tree when the tree fell on the excavator cab, crushing him.

Educational Services**Technical and Trade Schools**

- A small aircraft crashed into mountainous terrain during an instructional flight piloted by a student pilot under the supervision of a certified flight instructor. The pilot was seriously injured and the instructor died.

Health Care and Social Assistance**General Medical and Surgical Hospitals**

- A clerk at a hospital died by suicide when he jumped from the hospital roof.

Residential Facilities

- An attendant counselor at a residential care facility was assaulted by a resident and died of his injury.

Manufacturing**Meat Processing**

- A meat packer at a meat processing plant entered a freezer trailer that was cooled to 20 degrees. He was later found deceased by another employee. The medical examiner determined the cause of death to be hypothermia.

Sawmills

- A millwright at a sawmill was walking on a de-barker machine when he fell 16 feet on to a chain conveyor.
- An electrician at a sawmill was standing on a work platform directing a crane operator that was lifting a control unit during a maintenance upgrade. A section of the platform's handrail had been removed. He fell through the opening in the handrail and landed 17 feet below.

Basic Chemical Manufacturing

- A chemical systems specialist at a chemical manufacturing plant was adding piping to a chemical tank when the piping broke and he was drenched with a corrosive chemical liquid. He was hospitalized and died 12 days later from chemical burns,

Fertilizer Manufacturing

- A truck driver employed by a compost and topsoil business died by suicide at his place of employment.

Plastics Products Manufacturing

- A molding machine setter at a plastics product manufacturing plant was struck by a heavy metal injection mold that fell off a shelf as he was attempting to move it.
- A machine maintenance worker at a manufacturing plant was using a manual pull chain hoist to loosen a large frozen bearing nut on a machine. One of the chain links broke, causing the worker to fall backwards, striking his head against a metal stair and then a concrete floor. He died of his injuries eight months later.

Electrical Equipment Manufacturing

- An engineer was a passenger in an automobile returning from a work assignment when another automobile struck his vehicle head-on.

Aerospace Product and Parts Manufacturing

- A machine repair technician at an aerospace company stood up from a chair and then fell, hitting his head on the floor. He died of his injuries four days later.

Other Services (except Public Administration)**Commercial and Industrial Machinery and Equipment Repair and Maintenance**

- A self-employed tractor repairer was dismounting a tractor when he missed a step and fell, fracturing an ankle. He died of injury complications 20 days later.

Other Personal Services

- The owner of two model remote control boats that he was playing with at a lake began sinking. He recruited and paid a man to swim out and retrieve the boats. The man swam out and started bringing one of the boats to shore. As he was doing so, he began having trouble and disappeared under water. The owner of the boats swam out and took him to shore. He was taken to a hospital where he died two days later as a result of drowning.

Real Estate and Rental and Leasing**Real Estate Leasing**

- A maintenance worker at an apartment building wielding a firearm was shot and killed by a police officer.

Real Estate Agents

- A real estate agent was showing a client a property when he slipped on ice and fell, injuring his hip. He died of injury complications six days later.

Activities Related to Real Estate

- The owner of an apartment building was shot by a person who came to rent an apartment.

Retail Trade**Building Material and Supplies Dealers**

- A forklift operator was driving a forklift with a load on its elevated forks. The forklift tipped forward and he was thrown from the forklift. He died of his injuries four days later.

Gasoline Stations

- A convenience store clerk was shot during a robbery by two armed persons who entered the store.
- A mini-mart/gas station supervisor was killed by an assailant during a robbery.

Jewelry Stores

- A self-employed jeweler died by suicide when he ingested cyanide.

Sporting Goods Stores

- The owner of a fly fishing supplies store by suicide by gunshot at his place of business.

Department Stores

- A sales clerk died by suicide at the department store where he was employed.

Other Miscellaneous Store Retailers

- A marijuana store customer service employee was shot in the store's parking lot.

Transportation and Warehousing**Urban Transit Systems**

- A mechanic at a public transit facility was walking across the parking lot when a bus coming out of a wash facility struck and ran over him.

Support Activities for Water Transportation

- A tugboat deckhand was on a barge as it was being docked by a tugboat making a delivery of gravel. As the tug approached the dock, the crew secured a mooring line to the dock. As the victim was preparing to secure another line, the first line broke and snapped back at him, hitting him in the head.

Transportation and Warehousing

Rail Transportation

- A railroad conductor was run over by rail cars at a rail yard.

General Freight Trucking

- A self-employed truck driver was driving his semi-truck and trailer on a private road and while crossing a railroad track was struck by a freight train.
- A semi-truck driver was driving a truck along an interstate highway when he braked for traffic his truck swerved and hit a Jersey barrier. The cargo container that was being hauled detached and smashed into the truck's cab.
- A truck driver at a hay farm was pinned between hay bales and the back of a freight container that was being loaded.
- A truck driver was driving a box truck along a state highway when his vehicle veered across the centerline and struck a semi-truck. Both drivers died at the scene.
- A truck driver was exiting the cab of his truck which was parked in his employer's truck yard when he slipped or tripped, hitting his head on the truck's steps.

Specialized Freight Trucking

- A semi-truck driver was driving along a county road when he lost control of his vehicle which then left the road and rolled over.
- A truck driver employed by a moving company was driving a semi-truck carrying a load of cardboard boxes along a state highway when the truck left the roadway and crashed into a power pole.

Local Messengers and Local Delivery

- A private contractor newspaper carrier was delivering newspapers when he lost control of his motor vehicle which then left the road, ejecting him and rolled over on top of him.

Utilities

Water, Sewage and Other Systems

- An administrator employed by a federal agency was driving an employer provided vehicle along a state route to a work-related meeting when a motor vehicle crossed the highway's center line and struck her vehicle.

Wholesale Trade

Lumber and Other Construction Materials Merchant Wholesalers

- A truck driver was driving a semi-truck and trailer along a state highway when a box truck veered across the centerline and struck his vehicle. Both drivers died at the scene.

Miscellaneous Durable Goods Merchant Wholesalers

- A metal scrap worker at a metal recycling plant was drilling a hole in a natural gas cylinder that was on top of a bus. The tank rapidly depressurized once the drill bit penetrated the cylinder, resulting in the worker being thrown 20 feet off the bus.

Grocery and Related Product Merchant Wholesalers

- A semi-truck driver died when his truck struck a Jersey barrier.
- A truck driver/fueler/servicer was at his employer's truck yard attempting to separate a semi-trailer from another that had slid into it. He was positioned underneath the trailer, between the kingpin and the landing gear bracing. A semi-truck driver backed towards the trailer in an attempt to nudge the trailer. While backing, the driver missed the trailer and crushed the worker against the landing gear bracing.

Petroleum and Petroleum Products Merchant Wholesalers

- A truck driver was standing on top of a tanker oil truck when he tripped and fell 8 feet.

FACE FATALITY AND INJURY NARRATIVES AND SLIDESHOWSwww.lni.wa.gov/Safety/Research/Face/ReptNarr/Narratives**AGRICULTURE**

- 71-157-2017 Truck Driver Hauling Grain Dies When Truck Crashes
- 71-159-2017 Truck Driver Crushed When Unsecured Equipment Falls From Trailer
- 71-161-2017 Dairy Worker Injured When Clothes Are Caught in Straw Spreader
- 71-163-2017 Farm Laborer Dies When UTV Struck by Vehicle
- 71-165-2017 Mechanic Crushed by Bin Destacker

CONSTRUCTION

- 71-155-2017 Construction Laborer Falls when Ladder Breaks
- 71-156-2017 Pipelayer Dies when Trench Wall Collapses
- 71-158-2017 Carpenter Falls 60 Feet from Bridge Concrete Form
- 71-160-2017 Foreman and Laborer Fall when Aerial Lift Struck by Vehicle
- 71-162-2017 Frammer falls 18 Feet while Sheathing Roof
- 71-164-2017 Laborer Falls 12 Feet through Barn Roof

SPANISH TRANSLATIONS OF NARRATIVES/SLIDESHOWS

- 71-149-2016 Capataz vidriero cae desde una escalera
- 71-151-2016 Contratista de techos cae del techo de una iglesia desde 25 pies de altura
- 71-153-2016 Trabajador de lecherías muere cuando cargador cae en pozo de estiércol
- 71-154-2016 Techador cae de un techo, desde 19 pies de altura
- 71-161-2017 Trabajador de lechería se lesiona cuando su ropa es atrapada en un esparcidor de paja

FACE FATALITY INVESTIGATION REPORTSwww.lni.wa.gov/Safety/Research/Face/ReptNarr/Investigations

- 52-40-2017 Orchard Tractor Operator Dies When Run Over by Rotary Mower After Falling From Tractor
- 52-41-2017 A 19-Year-Old Landscape Laborer Dies When Entangled in Auger after Entering the Hopper of a Bark Blower Truck

DATA SUMMARIESwww.lni.wa.gov/Safety/Research/FACE/DataSum

- 93-02-2017 Washington State Work-Related Fatalities Report 2016
- 76-09-2017 SHARP Stats: 2017 Work-Related Deaths - Washington State Work-Related Fatalities: January-June, 2017

LOGGING INDUSTRY RESOURCES[SHARP Logging Publications Listing](#)**LOGGING INJURY ALERTS**

- 92-23-2017 Shovel Operator Dies When Shovel Rolls Down a Ridge
- 92-24-2017 Choker Setter Struck by Falling Chunk
- 92-25-2017 Timber Cutter Struck by Maple Limb
- 92-26-2017 Timber Faller Killed When Struck by Maple Top

NEAR-MISS ALERTS

- 97-01-2017 Near Miss Alert: Spliced Eye Break on Tether Cable
- 97-02-2017 Near Miss Alert: Yarder Frame Breaks While Pulling Turn
- 97-03-2017 Near Miss Alert: Line Cut on Dual Line Tether

HAZARD BRIEFS

- 94-01-2017 Road builders can create hazards for loggers & cutters
- 94-02-2017 Equipment Hazards Frequently Found During DOSH Consultation Visits, January-April 2017
- 94-03-2017 Skyline Hung Through Standing Timber
- 94-04-2017 Unstable Logs on Loads
- 94-05-2017 Grabbing Swinging Chokers
- 94-06-2017 Skyline Hazard Complacency
- 94-07-2017 Tethered Machine Creates a Hazard for Hand Fallers
- 94-08-2017 Falls from Equipment
- 94-09-2017 Communication with Cutters