

Oregon Forest Industry: A Comparison of Occupational Safety and Health Measures, 2017

November 2018

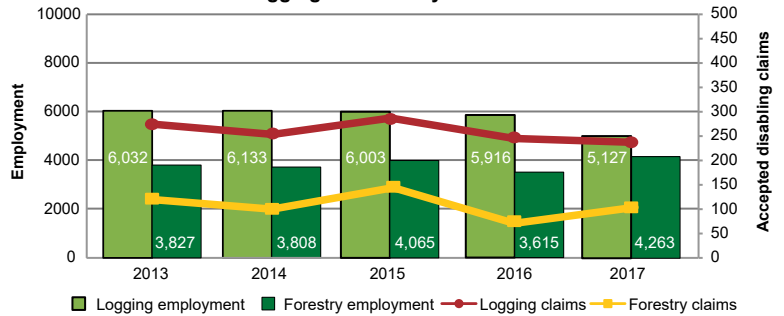
AUTHOR Jason Slappe

The **LOGGING INDUSTRY** (NAICS¹ 113310) primarily involves harvesting of timber on long production cycles (10 or more years) and often requires specialized machinery unique to the industry in varied terrains and settings. Establishments within the industry are typically focused in one or more of the following: (1) cutting timber, (2) cutting and transporting timber, and (3) producing wood chips in the field. Shorter cycle products (e.g., Christmas trees) are generally more horticulture in nature and are categorized outside of Forestry and Logging.

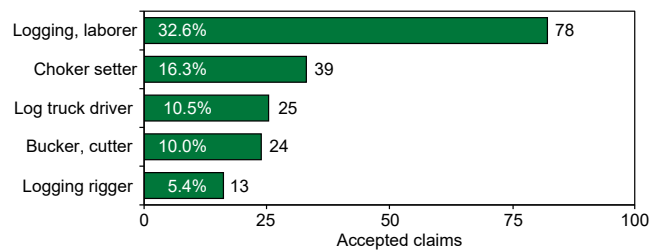
The **FORESTRY SERVICES INDUSTRY** (NAICS 115310) comprises companies primarily engaged in particular support activities related to timber production, such as wood technology, marketing,

and forest protection. Support activities may include (1) estimating timber, (2) forest firefighting, (3) forest pest control, or (4) consulting on wood attributes and reforestation.

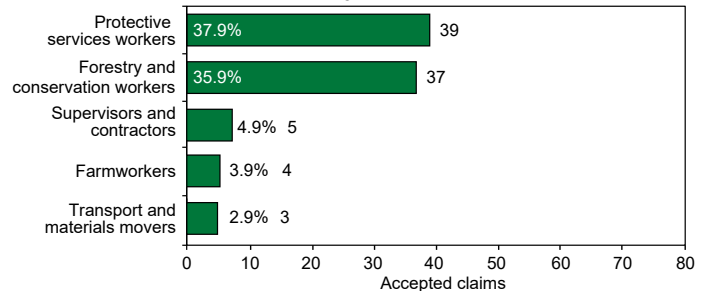
Accepted disabling claims and employment, Oregon 2013-2017, logging and forestry services



**Most frequent occupation, Oregon 2017
Logging (NAICS 113310)**

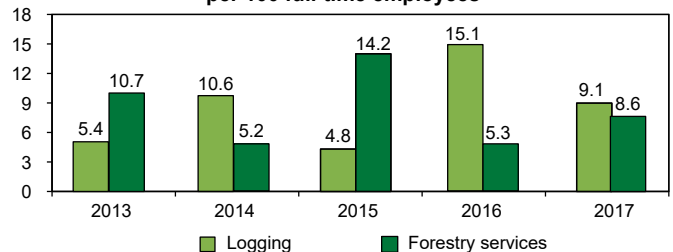


Forestry services (NAICS 115310)

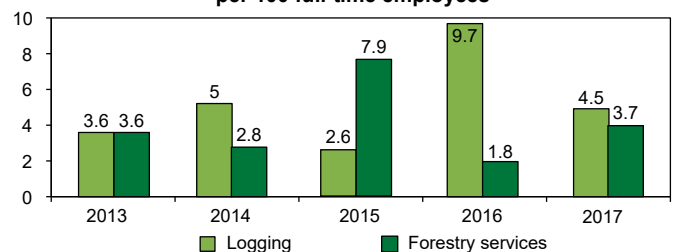


Survey² of occupational injury and illness, incidence rates, private industry, Oregon 2013-2017

Total recordable cases of injury and illness per 100 full-time employees



Days away from work, restriction, or job transfer (DART) per 100 full-time employees



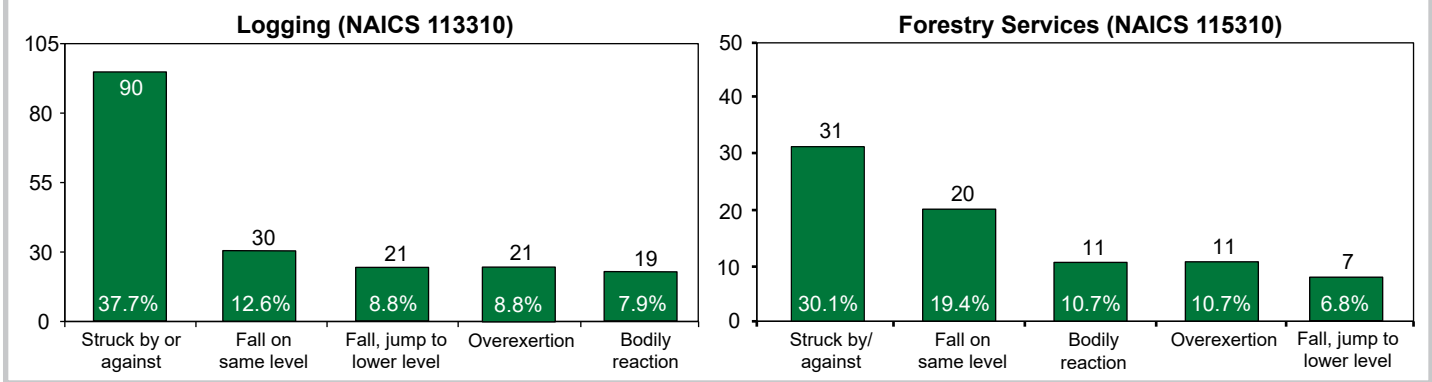
Dedicated to **CONSUMER** and **WORKER PROTECTION**



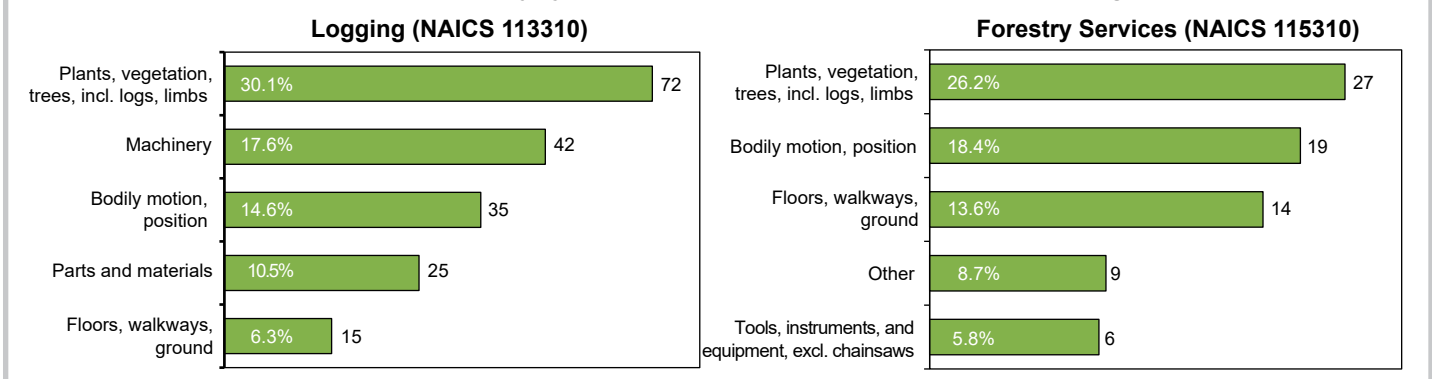
COMPENSABLE WORKERS' COMPENSATION CLAIM CHARACTERISTICS – The Department of Consumer and Business Services uses the Bureau of Labor Statistics' Occupational Injury and Illness Classification System (OIICS) to record accident and injury data. OIICS allows

tracking of occupational injuries, illnesses, and fatalities according to the event or exposure and source that led to an injury or illness, as well as the nature of injury or illness and parts of the body affected.⁴

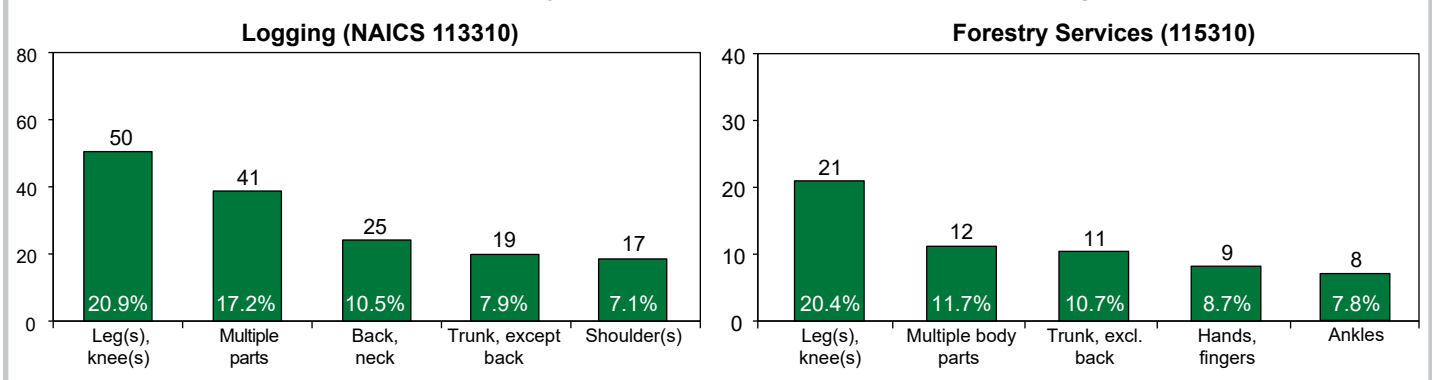
Most frequent accident or exposure event (number and percent of claims), Oregon 2017



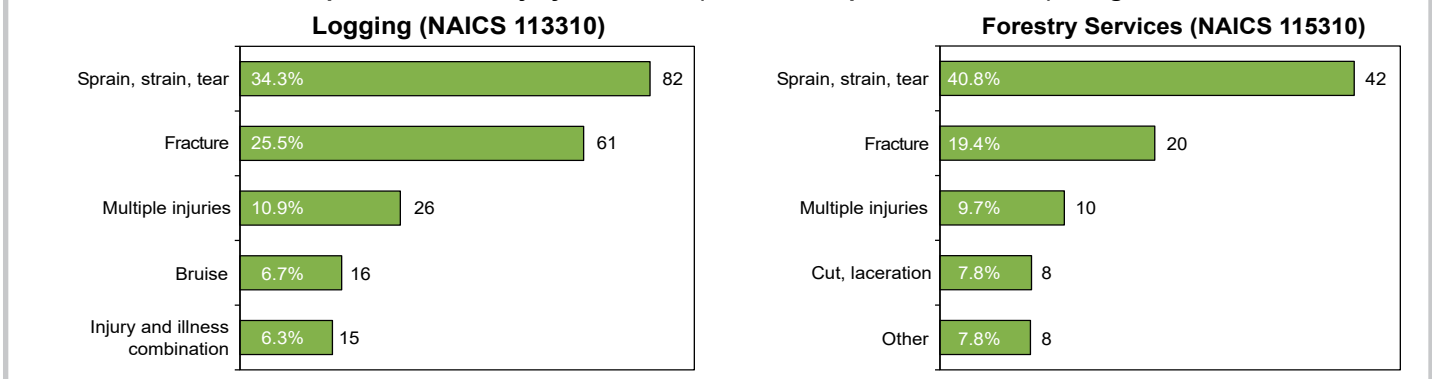
Most frequent source of injury or disease (number and percent of claims), Oregon 2017



Most frequent part of body affected (number and percent of claims), Oregon 2017



Most frequent nature of injury or disease (number and percent of claims), Oregon 2017



Summary table of Oregon employment, accepted disabling workers' compensation claims and fatalities, logging and forestry services compared with statewide data, 1996-2017

YEAR	Employment ⁵			Accepted disabling claims ⁷			Accepted disabling claims rate (ADCs per 100 employees)			Fatal claims			Fatality rate (fatals per 100,000 employees)		
	STATE	LOGGING ⁶	FOREST SERV. ⁶	STATE	LOGGING	FOREST SERV.	STATE	LOGGING	FOREST SERV.	STATE	LOGGING	FOREST SERV.	STATE	LOGGING	FOREST SERV.
1996	1,487,300	8,869	2,970	28,389	605	139	1.9	6.8	4.7	54	9	0	3.6	101.5	-
1997	1,547,800	8,625	3,027	27,922	509	110	1.8	5.9	3.6	43	3	0	2.8	34.8	-
1998	1,576,100	8,084	3,024	27,020	490	104	1.7	6.1	3.4	52	7	0	3.3	86.6	-
1999	1,602,700	7,908	3,212	25,769	513	118	1.6	6.5	3.7	47	2	1	2.9	25.3	31.1
2000	1,627,600	7,868	3,494	25,325	486	114	1.6	6.2	3.3	45	9	0	2.8	114.4	-
2001	1,616,400	7,528	3,934	24,607	457	116	1.5	6.1	2.9	34	6	1	2.1	79.7	25.4
2002	1,596,100	7,535	4,651	23,463	414	178	1.5	5.5	3.8	52	7	0	3.3	92.9	-
2003	1,585,800	7,564	5,026	21,823	525	154	1.4	6.9	3.1	41	7	8	2.6	92.5	159.2
2004	1,630,500	7,706	3,995	22,319	483	131	1.4	6.3	3.3	46	7	0	2.8	90.8	-
2005	1,677,500	7,515	3,976	22,111	439	137	1.3	5.8	3.4	31	3	2	1.8	39.9	50.3
2006	1,734,400	7,220	4,149	23,370	385	130	1.3	5.3	3.1	38	8	0	2.2	110.8	-
2007	1,762,700	6,998	4,469	23,431	306	135	1.3	4.4	3.0	35	2	0	2.0	28.6	-
2008	1,746,200	6,583	4,417	21,660	283	161	1.2	4.3	3.6	44	7	7	2.5	106.3	158.5
2009	1,637,400	5,260	3,587	18,949	224	103	1.2	4.3	2.9	34	3	0	2.1	57.0	-
2010	1,623,300	5,029	3,671	18,011	224	123	1.1	4.5	3.4	17	3	0	1.1	59.7	-
2011	1,641,300	5,344	3,432	18,693	274	85	1.1	5.1	2.5	29	4	0	1.8	74.9	-
2012	1,664,000	5,565	3,685	18,643	239	120	1.1	4.3	3.3	31	3	2	1.9	53.9	54.3
2013	1,697,600	6,032	3,827	18,633	275	123	1.1	4.6	3.2	29	6	1	1.7	99.5	26.1
2014	1,748,400	6,133	3,808	19,724	257	102	1.1	4.2	2.7	31	3	0	1.8	48.9	-
2015	1,800,300	6,003	4,082	19,568	283	145	1.1	4.7	3.6	26	7	2	1.5	116.6	49.0
2016	1,860,400	5,916	3,615	20,455	248	79	1.1	4.2	2.2	30	5	0	1.7	84.5	-
2017	1,901,000	5,127	4,263	20,989	239	103	1.1	4.7	2.4	34	3	0	1.8	58.5	-

**Oregon fatal workers' compensation claims,
logging and forestry services, 2013-2017**

INDUSTRY	2013	2014	2015	2016	2017
Logging	1	3	8	5	3
Forestry services	1	0	1	0	0

Description of accepted fatal logging and forestry claims, 2016

ACCIDENT DESCRIPTION	YEAR OF DEATH	GENDER	OCCUPATION	NAICS	COUNTY
Swept down and struck by a tree	2017	M	Logging Faller	113310	Lane
Fell 45 to 50 feet after being lifted into the air by a yarding cable	2017	M	Logging Chaser	113310	Tillamook
Struck by pivoting log	2016	M	Rigging Slinger	113310	Coos

Endnotes:

- ¹ NAICS = North American Industry Classification System, 2007 Edition. Data includes public and private entities unless otherwise specified. Employees of client leasing firms are reported by the industry in which they were working at the time of injury.
- ² The U.S. Bureau of Labor Statistics conducts the annual Survey of Occupational Injury and Illness, in cooperation with the Department of Consumer and Business Services. Data is based on NAICS 2012 Edition and includes private entities only.
- ³ NEC = not elsewhere classified.
- ⁴ Claims characteristics are classified according to the Bureau of Labor Statistics' Occupational Injury and Illness Classification System (OIICS), version 2.01.

⁵ Employment figures are based on data from the Oregon Employment Department.

⁶ Data includes private entities only.

⁷ Table includes all accepted disabling claims.

Claims are counted in the year in which they are reported to DCBS as accepted, which may be different than the year of injury.

Source data are continually updated so results may vary over time.

Source: Central Services Division, Oregon Department of Consumer and Business Services. Last updated December 2017.

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Visit the DCBS website dcbs.oregon.gov and select the "Statistical Reports" link at the bottom of the page for additional claims data and statistical reports, or call 503-378-8254.