

**Oregon Occupational Health Indicators
2003 - 2012**

2003 - 2012 Data	OR 2003	OR 2004	OR 2005	OR 2006	OR 2007	OR 2008	OR 2009	OR 2010	OR 2011	OR 2012
Employment	1,707,000	1,710,000	1,745,000	1,795,000	1,843,000	1,842,000	1,741,000	1,780,000	1,818,000	1,785,000
Employment Profile										
P1. Percentage of civilian workforce unemployed	8.2	7.6	6.0	5.4	5.2	6.4	11.5	11.0	9.4	8.9
P2. Percentage of civilian employment self-employed	9.0	10.4	9.4	10.4	10.2	9.9	9.9	9.4	8.9	9.9
P3. Percentage of civilian employment in part-time jobs	20.3	20.5	20.3	20.6	20.8	21.8	24.9	24.5	25.9	24.4
P4. Percentage of civilian employment by number of hours worked										
<40 hours	36.6	36.3	36.6	36.5	36.6	38.1	44.3	42.5	41.7	36.3
40 hours	36.8	36.3	36.3	35.7	36.2	36.7	32.6	33.0	33.3	33.8
41+ hours	26.7	27.4	27.2	27.8	27.2	25.2	23	24.5	25	25.9
P5. Percentage of civilian employment by sex										
Males	53.7	54.4	53.0	54.5	54.1	52.9	52.2	52.1	49.0	52.4
Females	46.3	45.6	46.3	45.5	45.9	47.1	47.8	47.9	51.0	47.6
P6. Percentage of civilian employment by age group										
16 to 17	1.1	1.3	1.6	1.8	1.6	0.9	1.1	0.9	0.8	1.0
18 to 64	96.2	95.5	94.6	94.6	95.0	95.7	95.1	94.9	94.2	93.6
65+	2.7	3.2	3.8	3.7	3.4	3.5	3.8	4.2	5.1	5.3
P7. Percentage of civilian employment by race										
White	90.8	90.9	89.5	90.9	89.6	88.3	91.3	91.9	90.1	89.1
Black	1.3	1.6	1.5	1.3	1.3	1.8	1.7	1.5	1.2	1.3
Other	7.9	7.5	8.3	9.2	9.1	9.8	7	6.6	8.7	9.6
P8. Percentage of civilian employment by Hispanic Origin	9.5	9.2	6.9	7.7	8.8	8.6	8.5	8.2	7.4	9.2
P9. Percentage of civilian employment by industry										
Mining*	0.1	NA	NA	NA	0.1	0.1	0.1	0.2	6.1	6.1
Construction*	6.7	7.7	7.7	8.6	8.7	7.7	6.6	5.6	7.3	8
Manufacturing - Durable goods*	9.4	9.2	9.3	8.6	9.4	9.3	8.2	7.6	3.4	3.6
Manufacturing - Non-durable goods*	3.7	4.1	3.3	3.4	3.0	3.4	3.6	3.7	4.3	4.7
Wholesale and Retail Trade*	16.5	16.1	16.2	15.2	15.2	13.7	13.5	15.1	14.9	13.9
Transportation and Utilities*	4.6	4.5	4.1	3.8	4.2	4.0	4.5	4.4	4.3	4.7
Information*	1.7	1.8	2.0	2.0	1.9	1.7	1.9	1.7	1.7	1.5
Financial Activities*	7.3	6.7	6.9	6.5	6.1	6.4	6.7	5.8	6.1	5.7
Professional and Business Services*	9.6	9.8	10.5	10.1	10.3	11.1	10.6	11.2	10.7	10.7
Education and Health Services*	18.9	19.5	19.7	19.3	20.6	21.4	21.9	21.9	22.8	23.0
Leisure and Hospitality*	9.0	8.7	8.5	8.7	8.1	8.8	9.5	9.7	9.1	9.7
Other Services*	5.3	4.7	4.6	5.0	4.4	4.2	4.2	4.3	4.9	4.8
Public Administration*	4.3	4.0	4.0	4.8	4.6	4.6	5	4.8	4.6	5.0
Agriculture and Related*	2.9	3.4	3.1	3.9	3.4	3.5	3.7	3.9	4.0	3.5
<i>*Note new categories 2003-forward</i>										
P10. Percentage of civilian employment by occupation										
Management, Business, and Financial Operations*	13.9	15.6	15.0	16.9	15.9	16.8	17.2	16.4	17.0	17.5
Professional and Related Occupations*	18.6	19.5	21.3	19.7	20.7	22.0	21.8	21.9	23.0	24.1
Service*	16.8	15.6	14.8	17.1	16.7	16.0	16.9	18.3	17.4	17.6
Sales and Related Occupations*	12.5	11.6	12.1	10.9	10.6	10.4	10.9	11.5	11.1	9.9
Office and Administrative Support*	14.3	13.8	13.8	11.4	12.4	12.6	13.3	12.0	12.5	11.7
Farming, Fishing, and Forestry*	2.1	1.8	1.5	2.1	2.0	2.0	1.7	1.8	1.8	1.7
Construction and Extraction*	4.9	5.3	5.7	5.6	6.1	5.6	4.3	4.2	4.0	4.3
Installation, Maintenance, and Repair*	3.3	3.5	3.2	3.5	2.7	2.6	3.0	2.7	2.9	3.0
Production*	7.0	6.7	6.3	6.7	7.1	6.6	5.3	5.4	5.1	5.0
Transportation and Material Moving*	6.6	6.5	6.2	6.1	5.8	5.3	5.7	5.8	5.2	5.2
<i>*Note new categories 2003-forward</i>										
Indicator 1: Non-Fatal Work-Related Injuries and Illnesses Reported by Employers										
1.1 Estimated Annual Total Number of Work-Related Injuries and Illnesses	58,100	63,000	59,200	62,500	61,400	54,400	48,300	42,400	41,500	42,900
1.2 Estimated Annual Total Work-Related Injuries and Illness Incidence Rate	5,600	5,800	5,400	5,300	5,100	4,600	4,400	3,800	3,800	3,900
1.3 Estimated Annual Total Number of Cases Involving Days Away From Work	19,700	20,500	19,100	20,200	20,000	17,300	15,400	15,600	14,000	16,200
1.4 Estimated Annual Total Incidence Rate for Cases Involving Days Away From Work	1,900	1,900	1,700	1,700	1,700	1,500	1,400	1,500	1,300	1,500
1.5 Estimated Annual Total Number of Cases Involving More Than 10 Days Away From Work	8,120	7,960	7,340	8,320	7,870	7,230	6,240	7,190	6,040	6,640
Indicator 2: Work-Related Hospitalizations										
2.1 Annual Number of Work-Related Hospitalizations	2,722	2,719	2,556	2,572	2,366	2,295	1,859	1,660	1,581	1,472

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2.2 Annual Crude Rate of Hospitalization	159.5	159.0	146.5	143.3	128.4	124.6	106.8	93.3	87.0	82.5
Indicator 3: Fatal Work-Related Injuries										
3.1 Annual Number of Work-Related Traumatic Fatalities	75	60	65	87	69	55	66	47	58	43
3.2 Annual Crude Fatality Rate	4.4	3.5	3.7	4.8	3.7	3.0	4.3	2.9	3.5	2.6
Indicator 4: Work-Related Amputations with Days Away from Work Reported by Employers										
4.1 Estimated Annual Number of Amputations Involving Days Away from Work	200	130	100	110	110	80	160	40	70	40
4.2 Estimated Annual Incidence Rate of Amputations Involving Days Away from Work	19.0	12.0	9.0	9.0	9.0	7.0	14	4.0	6.0	3.0
Indicator 5: State Workers' Compensation Claims for Amputations with Lost Work-Time										
5.1 Annual Number of Amputations filed with State Workers' Compensation System	187	195	175	181	174	143	104	102	106	89
5.2 Annual Incidence Rate of Amputations filed with State Workers' Compensation System	12.0	12.5	10.8	10.8	10.2	8.5	6.6	6.5	6.7	5.5
Indicator 6: Hospitalizations for Work-Related Burns										
6.1 Annual number of work-related burn hospitalizations	22	24	29	26	28	21	10	22	35	21
6.2 Annual rate of work-related burn hospitalizations	1.3	1.4	1.7	1.4	1.5	1.1	0.6	1.2	1.9	1.2
Indicator 7: Work-Related Musculoskeletal Disorders (MSDs) with Days Away from Work Reported by Employers										
7.1 Estimated annual number of all musculoskeletal disorders	7,950	8,030	6,980	7,350	6,320	6,240	5,820	5,640	5,710	6,750
7.2 Estimated annual incidence rate of all musculoskeletal disorders	763	743	631	622	530	531	528	525	522	616
7.3 Estimated annual number of MSDs of the neck, shoulder & upper extremities	2,470	2,040	1,990	2,240	1,890	1,710	1,420	1,600	2,020	2,160
7.4 Estimated annual incidence rate of disorders of neck, shoulder, and upper extremities	237	189	179	190	157	146	130	142	194	197
7.5 Estimated annual number of carpal tunnel syndrome cases	310	380	260	190	230	120	160	120	150	230
7.6 Estimated annual incidence rate of carpal tunnel syndrome cases	30	36	24	16	20	10	14	12	13	21
7.7 Estimated annual number of musculoskeletal disorders of the back	3,760	3,930	3,830	3,660	3,080	2,920	3,040	2,770	2,620	2,560
7.8 Estimated annual incidence rate of musculoskeletal disorders of the back	361	364	346	310	258	248	276	258	239	234
Indicator 8: State Workers' Compensation Claims for Carpal Tunnel Syndrome With Lost Work-Time										
8.1 Annual number of carpal tunnel syndrome cases filed with State WC	468	385	388	329	239	228	198	97	107	97
8.2 Annual incidence rate of carpal tunnel syndrome cases filed with State WC	30.5	24.6	23.9	19.7	14.1	13.5	12.5	6.2	6.7	6.0
Indicator 9: Hospitalizations from or with Pneumoconiosis										
9.1.1 Annual number of total pneumoconiosis hospital discharges	225	206	225	230	230	252	234	200	164	170
9.1.2 Annual rate of total pneumoconiosis hospital discharges	82.7	75.7	76.5	75.7	76.0	82.0	75.5	64.2	52.0	51.8
9.1.3 Annual, age-standardized, rate of total pneumoconiosis hospitalizations	80.6	73.8	72.1	73.1	73.0	77.7	70.9	60.1	47.7	45.8
9.2.1 Annual number of coal workers' pneumoconiosis hospital discharges	17	8	16	5	5	19	7	8	8	4
9.2.2 Annual rate of coal workers' pneumoconiosis hospital discharges	6.3	2.9	5.4	1.6	1.7	6.2	2.3	2.6	2.5	1.2
9.2.3 Annual, age-standardized, rate of coal workers' pneumoconiosis hospital discharges	6.2	2.8	5.1	1.4	1.4	6.2	2.2	2.7	1.9	1.0
9.3.1 Annual number of asbestosis hospital discharges	168	175	199	216	216	221	221	188	146	155
9.3.2 Annual rate of asbestosis hospital discharges	61.7	64.3	67.6	71.1	71.3	71.9	71.3	60.4	46.3	47.3
9.3.3 Annual, age-standardized, rate of abestosis hospital discharges	60.2	62.7	63.8	68.8	68.8	67.9	66.9	56.5	42.7	41.8
9.4.1 Annual number of silicosis hospital discharges	12	<5	10	8	8	10	5	<5	9	7
9.4.2 Annual rate of silicosis hospital discharges	4.4	NA	3.4	2.6	2.6	3.3	1.6	NA	2.9	2.1
9.4.3 Annual, age-standardized, rate of silicosis hospital discharges	4.3	NA	3.2	2.6	2.6	2.9	1.6	NA	2.8	1.8
9.5.1 Annual number of other and unspecified pneumoconiosis hospital discharges	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5

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9.5.2 Annual rate of other and unspecified pneumoconiosis hospital discharges	NA									
9.5.3 Annual, age-standardized, rate of other and unspecified pneumoconiosis hospital discharges	NA									
Indicator 10: Mortality from or with Pneumoconiosis										
10.1.1 Annual number of total pneumoconiosis deaths	14	11	14	27	30	31	26	37	36	30
10.1.2 Annual total pneumoconiosis death rate per million residents	5.1	3.8	4.8	9.0	9.9	10.1	8.4	11.9	11.4	9.1
10.1.3 Annual, age-standardized total pneumoconiosis death rate	5.0	3.8	4.6	8.8	9.5	9.8	7.8	10.8	10.8	8.4
10.2.1 Annual number of coal workers' pneumoconiosis deaths	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5
10.2.2 Annual coal workers' pneumoconiosis death rate per million residents	NA									
10.2.3 Annual, age-standardized rate of coal workers' pneumoconiosis deaths	NA									
10.3.1 Annual number of asbestosis deaths	13	9	12	26	29	30	26	33	34	29
10.3.2 Annual asbestosis death rate per million residents	4.8	3.1	4.1	8.7	9.6	9.8	8.4	10.6	11.4	9.1
10.3.3 Annual, age-standardized asbestosis death rate	4.6	3.1	3.9	8.5	9	9.5	7.8	9.7	10.3	8.4
10.4.1 Annual number of silicosis deaths	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5
10.4.2 Annual silicosis death rate per million residents	NA									
10.4.3 Annual, age-standardized silicosis death rate	NA									
10.5.1 Annual number of other and unspecified pneumoconiosis deaths	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5
10.5.2 Annual other and unspecified pneumoconiosis death rate per million residents	NA									
10.5.3 Annual, age-standardized pneumoconiosis death rate per million residents	NA									
Indicator 11: Acute Work-Related Pesticide-Associated Illness and Injury Reported to Poison Control Centers										
Indicator 11										
11.1 Annual number of reported work-related pesticide poisoning cases	41	41	52	53	56	43	44	72	73	55
11.2 Annual incidence rate of reported work-related pesticide poisoning cases per 100,000 employed persons age 16 years or older	2.4	2.4	3.0	3.0	3.0	2.3	2.5	4.0	4.0	3.1
Indicator 12: Incidence of Malignant Mesothelioma										
12.1 Annual number of incident mesothelioma cases	48	29	39	62	39	27	43	46	53	48
12.2 Annual mesothelioma incidence rate per million residents	17.6	10.0	13.3	20.7	12.9	8.8	13.9	14.8	16.8	15.1
12.3 Annual, age-standardized mesothelioma incidence rate per million residents	17.3	9.8	13.3	19.8	11.9	8.7	13.3	13.9	15.1	13.2
Indicator 13: Elevated Blood Lead Levels Among Adults										
13.1.1 Annual number of residents with elevated blood lead levels (>=10 mcg/dL)	NC	NC	NC	342	286	335	302	344	282	307
13.1.2 Annual prevalence rate per 100,000 employed persons	NC	NC	NC	19.1	15.5	18.2	17.3	19.3	15.5	17.2
13.1.3 Annual number of incident cases	NC	NC	NC	194	129	155	132	200	127	153
13.1.4 Annual incidence rate per 100,000 employed persons	NC	NC	NC	10.8	7.0	8.4	7.6	11.2	7.0	8.6
13.2.1 Annual number of residents with elevated blood lead levels (>=25 mcg/dL)	70	70	58	50	61	57	44	38	46	42
13.2.2 Annual prevalence rate per 100,000 employed persons	4.1	4.1	3.3	2.8	3.3	3.1	2.5	2.1	2.5	2.4
13.2.3 Annual number of incident cases	43	47	38	30	27	23	18	21	30	31
13.2.4 Annual incidence rate per 100,000 employed persons	2.5	2.7	2.2	1.7	1.5	1.2	1.0	1.2	1.7	1.7
13.3.1 Annual number of residents with blood lead levels (>=40 mcg/dL)	5	11	10	6	10	15	6	<5	7	7
13.3.2 Annual prevalence rate per 100,000 employed persons	0.3	0.6	0.6	0.3	0.5	0.8	0.3	NA	0.4	0.4

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13.3.3 Annual number of incident cases	<5	10	10	5	7	11	<5	<5	7	6
13.3.4 Annual incidence rate per 100,000 employed persons	NA	0.6	0.6	0.3	0.4	0.6	NA	NA	0.4	0.4
Indicator 14: Percentage of Workers Employed in Industries at High Risk for Occupational Morbidity										
14.1 Number of employed persons in high morbidity risk NAICS industries	111,828	114,879	119,555	122,280	120,986	115,439	105,438	103,598	105,197	105,467
14.2 Percentage of employed persons in high morbidity risk NAICS industries	8.4	8.5	8.5	8.3	8.2	7.8	7.7	7.7	7.8	7.7
Indicator 15: Percentage of Workers Employed in Occupations at High Risk for Occupational Mortality										
15.1 Average number of employed persons in high morbidity risk 1990 Bureau of the Census occupations	176,049	174,061	172,937	192,261	221,010	187,218	165,792	176,923	175,246	174,270
15.2 Percentage of employed persons in high morbidity risk 1990 Bureau of the Census occupations	10.4	10.2	10.0	10.7	12.0	14.0	13.5	14.0	13.4	13.8
Indicator 16: Percentage of Workers Employed in Industries and Occupations at High Risk for Occupational Mortality										
16.1 Average number of employed persons in high mortality risk industries	247,727	259,613	269,715	317,093	322,331	303,886	271,847	270,845	275,590	258,559
16.2 Percentage of employed persons in high mortality risk industries	14.7	15.2	15.5	17.7	17.5	18.9	18.2	17.8	17.7	16.9
16.3 Number of employed persons in high mortality risk occupations	164,697	181,253	175,340	205,113	220,095	206,858	191,053	198,093	193,021	194,835
16.4 Percentage of employed persons in high mortality risk occupations	9.8	10.6	10.1	11.4	12.0	12.9	12.8	13.0	12.4	12.7
Indicator 17: Occupational Safety and Health Professionals										
17.1 Rate of board-certified occupational physicians per 100,000 employees	1.9	1.9	1.8	2.0	2.0	2.1	2.5	2.5	NA	2.5
17.2 Rate of ACOEM members per 100,000 employees	3.6	3.6	3.0	3.0	2.8	2.6	2.7	2.6	NA	2.2
17.3 Rate of board-certified occupational health registered nurses per 100,000 employees	3.5	3.8	3.7	4.1	3.2	3.1	3.0	2.7	NA	NA
17.4 Rate of members of the AAOH per 100,000 employees	4.2	4.0	3.8	3.9	3.7	3.4	2.9	NA	NA	2.1
17.5 Rate of board-certified industrial hygienists per 100,000 employees	4.3	4.4	4.7	4.6	4.2	4.1	4.6	4.4	NA	3.4
17.6 Rate of AIHA per 100,000 employees	6.0	5.2	5.6	5.4	5.2	5.3	5.1	4.6	NA	5.7
17.7 Rate of board certified safety health professionals per 100,000 employees	5.4	5.7	5.7	5.6	5.6	5.4	6.0	6.2	NA	6.1
17.8 Rate of ASSE membership per 100,000 employees	33.0	32.5	36.1	30.0	28.9	28.9	27.6	27.4	NA	28.7
Indicator 18: OSHA Enforcement Activities										
18.1 Annual number of establishments inspected by OSHA	5,426	5,249	4,982	5,737	5,799	5,898	5,689	5,390	4,484	4,312
18.2 Total Number of Establishments in the State	116,309	116,564	121,435	126,948	128,184	125,938	124,218	124,618	126,268	128,887
18.3 Estimated percentage of all establishments under OSHA jurisdiction inspected by OSHA	4.7	4.6	4.2	4.6	4.5	4.7	4.6	4.3	3.6	3.3
18.4 Annual number of employees whose work areas were inspected by OSHA	217,239	239,850	273,286	377,079	247,269	207,178	199,733	148,163	114,577	129,782
18.5 Number of OSHA-Covered Employees (EXCLUDING MINERS & FARMERS)	NC	1,567,561	1,585,937	1,611,256						
18.6 Percentage of OSHA-covered employees eligible for inspection whose work areas were inspected	14.2	15.3	16.8	22.6	14.6	12.3	12.7	9.5	7.2	8.0
Indicator 19: Workers Compensation Awards										
19.1 Total amount of workers' compensation benefits paid	\$446,887,000	\$506,813,000	\$550,878,000	\$613,288,000	\$585,699,000	\$601,849,000	\$623,095,000	\$633,054,000	\$568,516,000	\$660,553,000
19.2 Average amount of workers' compensation benefits paid/ covered worker	\$292	\$324	\$339	\$367	\$345	\$357	\$395	\$404	\$358	\$410
Indicator 20: Low Back Disorder Hospitalizations										
20.1 Annual number of work-related surgical low back disorder hospitalizations for persons age 16 years or older (numerator)	NC NC	NC NC	NC NC	NC NC	373	409	322	265	193	198
20.2 Annual rate of work-related surgical low back disorder hospitalization per 100,000 employed persons age 16 years or older	NC NC	NC NC	NC NC	NC NC	20.2	22.2	18.5	14.9	10.2	11.1
20.3 Annual number of work-related low back disorder hospitalizations for persons age 16 years or older (numerator)	NC NC	NC NC	NC NC	NC NC	439	478	378	292	228	227

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20.4 Annual rate of work-related low back disorder hospitalization per 100,000 employed persons age 16 years or older	NC	NC	NC	NC	23.8	26.0	21.7	16.4	12.3	12.7
Indicator 21: Asthma Among Adults Caused or Made Worse by Work										
21.1 Weighted estimate of the number of ever-employed adults with current asthma who report that their asthma was caused or made worse by exposures at work	NC	104								
21.2 Estimated proportion of ever-employed adults with current asthma who report that their asthma was caused or made worse by exposures at work	NC	61.7								
Indicator 22: Work-Related Severe Traumatic Injury Hospitalizations										
22.1 Annual Number of Work-Related Severe Traumatic Injury Hospitalizations	NC	203								
22.2 Annual Rate of Work-Related Severe Traumatic Injury Hospitalizations (per 100,000 workers)	NC	11.4								