





**Oregon Occupational Health Indicators  
2004 - 2013**

2000 - 2013 Data	OR 2004	OR 2005	OR 2006	OR 2007	OR 2008	OR 2009	OR 2010	OR 2011	OR 2012	OR 2013										
<b>Indicator 3</b>																				
<b>3.1 Annual Number of Work-Related Traumatic Fatalities</b>	60	65	87	69	55	66	47	58	43	49										
<b>3.2 Annual Crude Fatality Rate</b>	3.5	3.7	4.8	3.7	3.0	4.3	2.9	3.5	2.6	3.1										
<b>Indicator 4</b>																				
<b>4.1 Estimated Annual Number of Amputations Involving Days Away from Work</b>	130	100	110	110	80	160	40	70	40	40										
<b>4.2 Estimated Annual Incidence Rate of Amputations Involving Days Away from Work</b>	12.0	9.0	9.0	9.0	7.0	14	4.0	6.0	3.0	3.6										
<b>Indicator 5</b>																				
<b>5.1 Annual Number of Amputations filed with State Workers' Compensation System</b>	195	175	181	174	143	104	102	106	89	85										
<b>5.2 Annual Incidence Rate of Amputations filed with State Workers' Compensation System</b>	12.5	10.8	10.8	10.2	8.5	6.6	6.5	6.7	5.5	5.2										
<b>Indicator 6</b>																				
<b>6.1 Annual number of work-related burn hospitalizations</b>	24	29	26	28	21	10	22	35	21	14										
<b>6.2 Annual rate of work-related burn hospitalizations</b>	1.4	1.7	1.4	1.5	1.1	0.6	1.2	1.9	1.2	0.8										
<b>Indicator 7</b>																				
<b>7.1 Estimated annual number of all musculoskeletal disorders</b>	8,030	6,980	7,350	6,320	6,240	5,820	5,640	5,710	6,750	5,890										
<b>7.2 Estimated annual incidence rate of all musculoskeletal disorders</b>	743	631	622	530	531	528	525	522	616	530										
<b>7.3 Estimated annual number of MSDs of the neck, shoulder &amp; upper extremities</b>	2,040	1,990	2,240	1,890	1,710	1,420	1,600	2,020	2,160	1,810										
<b>7.4 Estimated annual incidence rate of disorders of neck, shoulder, and upper extremities</b>	189	179	190	157	146	130	142	194	197	163										
<b>7.5 Estimated annual number of carpal tunnel syndrome cases</b>	380	260	190	230	120	160	120	150	230	100										
<b>7.6 Estimated annual incidence rate of carpal tunnel syndrome cases</b>	36	24	16	20	10	14	12	13	21	9										
<b>7.7 Estimated annual number of musculoskeletal disorders of the back</b>	3,930	3,830	3,660	3,080	2,920	3,040	2,770	2,620	2,560	2,330										
<b>7.8 Estimated annual incidence rate of musculoskeletal disorders of the back</b>	364	346	310	258	248	276	258	239	234	210										
<b>Indicator 8</b>																				
<b>8.1 Annual number of carpal tunnel syndrome cases filed with State WC</b>	385	388	329	239	228	198	97	107	97	159										
<b>8.2 Annual incidence rate of carpal tunnel syndrome cases filed with State WC</b>	24.6	23.9	19.7	14.1	13.5	12.5	6.2	6.7	6.0	9.6										

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Indicator 9																				
9.1.1 Annual number of total pneumoconiosis hospital discharges	206	225	230	230	252	234	200	164	170	157										
9.1.2 Annual rate of total pneumoconiosis hospital discharges	75.7	76.5	75.7	76.0	82.0	75.5	64.2	52.0	51.8	48.8										
9.1.3 Annual, age-standardized, rate of total pneumoconiosis hospitalizations	73.8	72.1	73.1	73.0	77.7	70.9	60.1	47.7	45.8	42.6										
9.2.1 Annual number of coal workers' pneumoconiosis hospital discharges	8	16	5	5	19	7	8	8	4	4										
9.2.2 Annual rate of coal workers' pneumoconiosis hospital discharges	2.9	5.4	1.6	1.7	6.2	2.3	2.6	2.5	1.2	1.2										
9.2.3 Annual, age-standardized, rate of coal workers' pneumoconiosis hospital discharges	2.8	5.1	1.4	1.4	6.2	2.2	2.7	1.9	1.0	1.1										
9.3.1 Annual number of asbestosis hospital discharges	175	199	216	216	221	221	188	146	155	143										
9.3.2 Annual rate of asbestosis hospital discharges	64.3	67.6	71.1	71.3	71.9	71.3	60.4	46.3	47.3	44.4										
9.3.3 Annual, age-standardized, rate of asbestosis hospital discharges	62.7	63.8	68.8	68.8	67.9	66.9	56.5	42.7	41.8	38.4										
9.4.1 Annual number of silicosis hospital discharges	<5	10	8	8	10	5	<5	9	7	8										
9.4.2 Annual rate of silicosis hospital discharges	NA	3.4	2.6	2.6	3.3	1.6	*	2.9	2.1	2.5										
9.4.3 Annual, age-standardized, rate of silicosis hospital discharges	NA	3.2	2.6	2.6	2.9	1.6	*	2.8	1.8	2.4										
9.5.1 Annual number of other and unspecified pneumoconiosis hospital discharges	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5										
9.5.2 Annual rate of other and unspecified pneumoconiosis hospital discharges	NA	NA	NA	NA	NA	NA	*	*	*	*										
9.5.3 Annual, age-standardized, rate of other and unspecified pneumoconiosis hospital discharges	NA	NA	NA	NA	NA	NA	*	*	*	*										
Indicator 10																				
10.1.1 Annual number of total pneumoconiosis deaths	11	14	27	30	31	26	37	36	30	28										
10.1.2 Annual total pneumoconiosis death rate per million residents	3.8	4.8	9.0	9.9	10.1	8.4	11.9	11.4	9.1	8.5										
10.1.3 Annual, age-standardized total pneumoconiosis death rate	3.8	4.6	8.8	9.5	9.8	7.8	10.8	10.8	8.4	7.3										
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	NA	NA	NA	NA	NA	*	*	*	*										
10.2.3 Annual, age-standardized rate of coal workers' pneumoconiosis deaths	NA	NA	NA	NA	NA	NA	*	*	*	*										
10.3.1 Annual number of asbestosis deaths	9	12	26	29	30	26	33	34	29	25										
10.3.2 Annual asbestosis death rate per million residents	3.1	4.1	8.7	9.6	9.8	8.4	10.6	11.4	9.1	7.6										
10.3.3 Annual, age-standardized asbestosis death rate	3.1	3.9	8.5	9	9.5	7.8	9.7	10.3	8.4	7.2										
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	NA	NA	NA	NA	NA	*	*	*	*										
10.4.3 Annual, age-standardized silicosis death rate	NA	NA	NA	NA	NA	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	NA	NA	NA	NA	NA	*	*	*	*										
10.5.3 Annual, age-standardized pneumoconiosis death rate per million residents	NA	NA	NA	NA	NA	NA	*	*	*	*										
Indicator 11																				
11.1 Annual number of reported work-related pesticide poisoning cases	41	52	53	56	43	44	72	73	55	45										
11.2 Annual incidence rate of reported work-related pesticide poisoning cases per 100,000 employed persons age 16 years or older	2.4	3.0	3.0	3.0	2.3	2.5	4.0	4.0	3.1	2.58										
Indicator 12																				
12.1 Annual number of incident mesothelioma cases	29	39	62	39	27	43	46	53	48.0	51										
12.2 Annual mesothelioma incidence rate per million residents	10.0	13.3	20.7	12.9	8.8	13.9	14.8	16.8	15	14.7										
12.3 Annual, age-standardized mesothelioma incidence rate per million residents	9.8	13.3	19.8	11.9	8.7	13.3	13.9	15.1	13.2	13.9										
Indicator 13																				
13.1.1 Annual number of residents with elevated blood lead levels ( $\geq 10$ mcg/dL)			342	286	335	302	344	282	307	298										
13.1.2 Annual prevalence rate per 100,000 employed persons			19.1	15.5	18.2	17.3	19.3	15.5	17.2	17										
13.1.3 Annual number of incident cases			194	129	155	132	200	127	153	245										
13.1.4 Annual incidence rate per 100,000 employed persons			10.8	7.0	8.4	7.6	11.2	7.0	8.6	14										
13.2.1 Annual number of residents with elevated blood lead levels ( $\geq 25$ mcg/dL)	70	58	50	61	57	44	38	46	42	42										
13.2.2 Annual prevalence rate per 100,000 employed persons	4.1	3.3	2.8	3.3	3.1	2.5	2.1	2.5	2.4	2.4										

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<b>13.2.3 Annual number of incident cases</b>	47	38	30	27	23	18	21	30	31	38										
<b>13.2.4 Annual incidence rate per 100,000 employed persons</b>	2.7	2.2	1.7	1.5	1.2	1.0	1.2	1.7	1.7	2.2										
<b>13.3.1 Annual number of residents with blood lead levels (&gt;=40 mcg/dL)</b>	11	10	6	10	15	6	<5	7	7	3										
<b>13.3.2 Annual prevalence rate per 100,000 employed persons</b>	0.6	0.6	0.3	0.5	0.8	0.3	*	0.4	0.4	0.2										
<b>13.3.3 Annual number of incident cases</b>	10	10	5	7	11	<5	<5	7	6	1										
<b>13.3.4 Annual incidence rate per 100,000 employed persons</b>	0.6	0.6	0.3	0.4	0.6	NA	*	0.4	0.4	0.1										
<b>Indicator 14</b>																				
<b>14.1 Number of employed persons in high morbidity risk NAICS industries</b>	114,879	119,555	122,280	120,986	115,439	105,438	103,598	105,197	105,467	77,245										
<b>14.2 Percentage of employed persons in high morbidity risk NAICS industries</b>	8.5	8.5	8.3	8.2	7.8	7.7	7.7	7.8	7.7	5.5										
<b>Indicator 15</b>																				
<b>15.1 Average number of employed persons in high morbidity risk 1990 Bureau of the Census occupations</b>	174,061	172,937	192,261	221,010	187,218	165,792	176,923	175,246	174,270	174,739										
<b>15.2 Percentage of employed persons in high morbidity risk 1990 Bureau of the Census occupations</b>	10.2	10.0	10.7	12.0	14.0	13.5	14.0	13.4	13.8	13.6										
<b>Indicator 16</b>																				
<b>16.1 Average number of employed persons in high mortality risk industries</b>	259,613	269,715	317,093	322,331	303,886	271,847	270,845	275,590	258,559	273,578										
<b>16.2 Percentage of employed persons in high mortality risk industries</b>	15.2	15.5	17.7	17.5	18.9	18.2	17.8	17.7	17	18										
<b>16.3 Number of employed persons in high mortality risk occupations</b>	181,253	175,340	205,113	220,095	206,858	191,053	198,093	193,021	194,835	208,101										
<b>16.4 Percentage of employed persons in high mortality risk occupations</b>	10.6	0.1	11.4	12.0	12.9	12.8	13.0	12.4	12.7	13.7										

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<b>Indicator 17</b>																				
17.1 Rate of board-certified occupational physicians per 100,000 employees	1.9	1.8	2.0	2.0	2.1	2.5	2.5		3	N/A										
17.2 Rate of ACOEM members per 100,000 employees	3.6	3.0	3.0	2.8	2.6	2.7	2.6		2.2	2.3										
17.3 Rate of board-certified occupational health registered nurses per 100,000 employees	3.8	3.7	4.1	3.2	3.1	3.0	2.7		N/A	2.3										
17.4 Rate of members of the AAOH per 100,000 employees	4.0	3.8	3.9	3.7	3.4	2.9	N/A		2.1	N/A										
17.5 Rate of board-certified industrial hygienists per 100,000 employees	4.4	4.7	4.6	4.2	4.1	4.6	4.4		3	4.1										
17.6 Rate of AIHA per 100,000 employees	5.2	5.6	5.4	5.2	5.3	5.1	4.6		5.7	4.5										
17.7 Rate of board certified safety health professionals per 100,000 employees	5.7	5.7	5.6	5.6	5.4	6.0	6.2		6.1	6.8										
17.8 Rate of ASSE membership per 100,000 employees	32.5	36.1	30.0	28.9	28.9	27.6	27.4		28.7	29.6										
<b>Indicator 18</b>																				
18.1 Annual number of establishments inspected by OSHA	5,249	4,982	5,737	5,799	5,898	5,689	5,390	4,484	4,312	4,510										
18.2 Total Number of Establishments in the State	116,564	121,435	126,948	128,184	125,938	124,218	124,618	126,268	128,887	128,892										
18.3 Estimated percentage of all establishments under OSHA jurisdiction inspected by OSHA	4.6	4.2	4.6	4.5	4.7	4.6	4.3	3.6	3.3	3.5										
18.4 Annual number of employees whose work areas were inspected by OSHA	239,850	273,286	377,079	247,269	207,178	199,733	148,163	114,577	129,782	116,500										
18.5 Number of OSHA-Covered Employees (EXCLUDING MINERS & FARMERS)										1,646,786										
18.6 Estimated percentage of employees under OSHA jurisdiction whose work areas were inspected	15.3	16.8	22.6	14.6	12.3	12.7	9.5	7.2	8.0	7.1										
<b>Indicator 19</b>																				
19.1 Total amount of workers' compensation benefits paid	\$506,813,000	\$550,878,000	\$613,288,000	\$585,699,000	\$601,849,000	\$623,095,000	\$633,054,000	\$568,516,000	\$660,533,000	\$668,686,000										
19.2 Average amount of workers' compensation benefits paid/ covered worker	\$324	\$339	\$367	\$345	\$357	\$395	\$404	\$358.23	\$409.77	\$405.02										
<b>Indicator 20</b>																				
20.1 Annual number of work-related surgical low back disorder hospitalizations for persons age 16 years or older (numerator)				373	409	322	265	193	198	133										
20.2 Annual rate of work-related surgical low back disorder hospitalization per 100,000 employed persons age 16 years or older				20.2	22.2	18.5	14.9	10.6	11.1	7.6										
20.3 Annual number of work-related low back disorder hospitalizations for persons age 16 years or older (numerator)				439	478	378	292	228	227	159										
20.4 Annual rate of work-related low back disorder hospitalization per 100,000 employed persons age 16 years or older				23.8	26.0	21.7	16.4	12.3	12.7	9.1										
<b>Indicator 21: Asthma Among Adults Caused or Made Worse by Work</b>																				
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									104	84										
21.2 Estimated percent of ever-employed adults with current asthma who report that their asthma was caused or made worse by exposures at work									61.7	49.5										
<b>Indicator 22: Work-Related Severe Traumatic Injury Hospitalizations</b>																				
22.1 Annual Number of Work-Related Severe Traumatic Injury Hospitalizations									203	187										
22.2 Annual Rate of Work-Related Severe Traumatic Injury Hospitalizations (per 100,000 workers)									11.4	10.7										
<b>Indicator 23: INFLUENZA VACCINATION COVERAGE AMONG HEALTHCARE PERSONNEL</b>																				
<b>Indicator 24: OCCUPATIONAL HEAT-RELATED ED VISITS</b>																				
24.1 Annual number of ED visits for occupational heat-related illness for persons 16 years and older																				n/a
24.2 Annual rate of ED visits for occupational heat-related illness per 100,000 employed persons age 16 years or older																				n/a