

**Oregon Occupational Health Indicators
2000 - 2009**

2000 - 2009 Data	OR 2000	OR 2001	OR 2002	OR 2003	OR 2004	OR 2005	OR 2006	OR 2007	OR 2008	OR 2009
Employment	1,715,000	1,680,000	1,695,000	1,707,000	1,710,000	1,745,000	1,795,000	1,843,000	1,842,000	1,741,000
Employment Profile										
P1. Percentage of civilian workforce unemployed	4.8	6.3	7.5	8.2	7.6	6.0	5.4	5.2	6.4	11.5
P2. Percentage of civilian employment self-employed	11.2	9.5	9.0	9.0	10.4	9.4	10.4	10.2	9.9	9.9
P3. Percentage of civilian employment in part-time jobs	21.0	20.8	19.8	20.3	20.5	20.3	20.6	20.8	21.8	24.9
P4. Percentage of civilian employment by number of hours worked										
<40 hours	36.5	37.7	36.6	36.6	36.3	36.6	36.5	36.6	38.1	44.3
40 hours	33.6	33.7	34.8	36.8	36.3	36.3	35.7	36.2	36.7	32.6
41+ hours	29.9	28.6	28.6	26.7	27.4	27.2	27.8	27.2	25.2	23
P5. Percentage of civilian employment by sex										
Males	53.7	53.6	53.8	53.7	54.4	53.0	54.5	54.1	52.9	52.2
Females	46.3	46.4	43.8	46.3	45.6	46.3	45.5	45.9	47.1	47.8
P6. Percentage of civilian employment by age group										
16 to 17	1.8	2.2	1.5	1.1	1.3	1.6	1.8	1.6	0.9	1.1
18 to 64	95.7	95.5	96.0	96.2	95.5	94.6	94.6	95.0	95.7	95.1
65+	2.5	2.3	2.5	2.7	3.2	3.8	3.7	3.4	3.5	3.8
P7. Percentage of civilian employment by race										
White	93.9	93.3	91.5	90.8	90.9	89.5	90.9	89.6	88.3	91.3
Black	NA	1.4	1.7	1.3	1.6	1.5	1.3	1.3	1.8	1.7
Other	NA	5.2	6.8	7.9	7.5	8.3	9.2	9.1	9.8	7
P8. Percentage of civilian employment by Hispanic Origin	7.4	6.8	7.4	9.5	9.2	6.9	7.7	8.8	8.6	8.5
P9. Percentage of civilian employment by industry										
Construction	5.0	5.2	4.9							
Manufacturing - Durable goods	10.8	10.2	9.9							
Manufacturing - Non-durable goods	4	4.2	4.6							
Transportation/communications/public utilities	5.7	5.3	5.2							
Trade	19.7	19	19.9							
Finance/insurance/real estate	4.6	4.7	5.8							
Services	24	24.4	24.1							
Government	12.1	13.8	13.1							
Agriculture	3.9	4.2	3.6							
Mining*				0.1	NA	NA	NA	0.1	0.1	0.1
Construction*				6.7	7.7	7.7	8.6	8.7	7.7	6.6
Manufacturing - Durable goods*				9.4	9.2	9.3	8.6	9.4	9.3	8.2
Manufacturing - Non-durable goods*				3.7	4.1	3.3	3.4	3.0	3.4	3.6
Wholesale and Retail Trade*				16.5	16.1	16.2	15.2	15.2	13.7	13.5
Transportation and Utilities*				4.6	4.5	4.1	3.8	4.2	4.0	4.5
Information*				1.7	1.8	2.0	2.0	1.9	1.7	1.9
Financial Activities*				7.3	6.7	6.9	6.5	6.1	6.4	6.7
Professional and Business Services*				9.6	9.8	10.5	10.1	10.3	11.1	10.6
Education and Health Services*				18.9	19.5	19.7	19.3	20.6	21.4	21.9
Leisure and Hospitality*				9.0	8.7	8.5	8.7	8.1	8.8	9.5
Other Services*				5.3	4.7	4.6	5.0	4.4	4.2	4.2
Public Administration*				4.3	4.0	4.0	4.8	4.6	4.6	5
Agriculture and Related*				2.9	3.4	3.1	3.9	3.4	3.5	3.7
<i>*Note new categories 2003-forward</i>										

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P10. Percentage of civilian employment by occupation										
Executive/administrative/managerial	15.9	16.1	15.5							
Professional specialty	16	16.1	15.8							
Technicians and related support	2.4	3	3.0							
Sales	11.4	11.5	11.5							
Administrative support including clerical	13.3	12.7	13.3							
Service occupations	13	13.7	13.9							
Precision production/craft/repair	10.5	10.5	10.7							
Machine operators/assemblers/inspectors	4.9	4.5	4.6							
Transportation/material moving	4	3.8	4.0							
Handlers/equipment cleaners/helpers/laborers	4.4	3.7	3.8							
Farming/forestry/fishing	1.7	4.5	3.8							
Management, Business, and Financial Operations*				13.9	15.6	15.0	16.9	15.9	16.8	17.2
Professional and Related Occupations*				18.6	19.5	21.3	19.7	20.7	22.0	21.8
Service*				16.8	15.6	14.8	17.1	16.7	16.0	16.9
Sales and Related Occupations*				12.5	11.6	12.1	10.9	10.6	10.4	10.9
Office and Administrative Support*				14.3	13.8	13.8	11.4	12.4	12.6	13.3
Farming, Fishing, and Forestry*				2.1	1.8	1.5	2.1	2.0	2.0	1.7
Construction and Extraction*				4.9	5.3	5.7	5.6	6.1	5.6	4.3
Installation, Maintenance, and Repair*				3.3	3.5	3.2	3.5	2.7	2.6	3.0
Production*				7.0	6.7	6.3	6.7	7.1	6.6	5.3
Transportation and Material Moving*				6.6	6.5	6.2	6.1	5.8	5.3	5.7
<i>*Note new categories 2003-forward</i>										
Indicator 1										
1.1 Estimated Annual Total Number of Work-Related Injuries and Illnesses	72,300	69,200	63,400	58,100	63,000	59,200	62,500	61,400	54,400	48,300
1.2 Estimated Annual Total Work-Related Injuries and Illness Incidence Rate	6,300	6,200	6,000	5,600	5,800	5,400	5,300	5,100	4,600	4,400
1.3 Estimated Annual Total Number of Cases Involving Days Away From Work	22,300	21,200	20,400	19,700	20,500	19,100	20,200	20,000	17,300	15,400
1.4 Estimated Annual Total Incidence Rate for Cases Involving Days Away From Work	1,900	1,900	1,900	1,900	1,900	1,700	1,700	1,700	1,500	1,400
1.5 Estimated Annual Total Number of Cases Involving More Than 10 Days Away From Work	7663	7,194	7,447	8,120	7,960	7,340	8,320	7,870	7,230	6,240
Indicator 2										
2.1 Annual Number of Work-Related Hospitalizations	3,020	2,842	2,794	2,722	2,719	2,556	2,572	2,366	2,295	1,859
2.2 Annual Crude Rate of Hospitalization	176.1	169.16	164.8	159.5	159.0	146.5	143.3	128.4	124.6	106.8

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Indicator 3										
3.1 Annual Number of Work-Related Traumatic Fatalities	52	44	63	75	60	65	87	69	55	66
3.2 Annual Crude Fatality Rate	3.0	2.6	3.7	4.4	3.5	3.7	4.8	3.7	3.0	4.3
Indicator 4										
4.1 Estimated Annual Number of Amputations Involving Days Away from Work	201	134	108	200	130	100	110	110	80	160
4.2 Estimated Annual Incidence Rate of Amputations Involving Days Away from Work	18.0	12.0	10.0	19.0	12.0	9.0	9.0	9.0	7.0	14
Indicator 5										
5.1 Annual Number of Amputations filed with State Workers' Compensation System	243	231	168	187	195	175	181	174	143	104
5.2 Annual Incidence Rate of Amputations filed with State Workers' Compensation System	16.0	14.7	10.9	12.0	12.5	10.8	10.8	10.2	8.5	6.6
Indicator 6										
6.1 Annual number of work-related burn hospitalizations	45	38	30	22	24	29	26	28	21	10
6.2 Annual rate of work-related burn hospitalizations	2.6	2.3	1.8	1.3	1.4	1.7	1.4	1.5	1.1	0.574382539
Indicator 7										
7.1 Estimated annual number of all musculoskeletal disorders	8,719	7,718	8,218	7,950	8,030	6,980	7,350	6,320	6,240	5,820
7.2 Estimated annual incidence rate of all musculoskeletal disorders	762	695	777	763	743	631	622	530	531	528
7.3 Estimated annual number of MSDs of the neck, shoulder & upper extremities	2,387	2,244	2,203	2,470	2,040	1,990	2,240	1,890	1,710	1,420
7.4 Estimated annual incidence rate of disorders of neck, shoulder, and upper extremities	208	201	209	237	189	179	190	157	146	130
7.5 Estimated annual number of carpal tunnel syndrome cases	330	279	309	310	380	260	190	230	120	160
7.6 Estimated annual incidence rate of carpal tunnel syndrome cases	29	25	29	30	36	24	16	20	10	14
7.7 Estimated annual number of musculoskeletal disorders of the back	4,276	4,037	4,025	3,760	3,930	3,830	3,660	3,080	2,920	3,040
7.8 Estimated annual incidence rate of musculoskeletal disorders of the back	374	364	380	361	364	346	310	258	248	276
Indicator 8										
8.1 Annual number of carpal tunnel syndrome cases filed with State WC	730	669	658	468	385	388	329	239	228	198
8.2 Annual incidence rate of carpal tunnel syndrome cases filed with State WC	47	42.7	42.6	30.5	24.6	23.9	19.7	14.1	13.5	12.5

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Indicator 9										
9.1.1 Annual number of total pneumoconiosis hospital discharges	207	213	218	225	206	225	230	230	252	234
9.1.2 Annual rate of total pneumoconiosis hospital discharges	76	78.3	80.1	82.7	75.7	76.5	75.7	76.0	82.0	75.5
9.1.3 Annual, age-standardized, rate of total pneumoconiosis hospitalizations	74.97	76.8	78.3	80.6	73.8	72.1	73.1	73.0	77.7	70.9
9.2.1 Annual number of coal workers' pneumoconiosis hospital discharges	18	21	23	17	8	16	5	5	19	7
9.2.2 Annual rate of coal workers' pneumoconiosis hospital discharges	6.6	7.7	8.5	6.3	2.9	5.4	1.6	1.7	6.2	2.3
9.2.3 Annual, age-standardized, rate of coal workers' pneumoconiosis hospital discharges	6.6	7.7	8.4	6.2	2.8	5.1	1.4	1.4	6.2	2.2
9.3.1 Annual number of asbestosis hospital discharges	171	177	186	168	175	199	216	216	221	221
9.3.2 Annual rate of asbestosis hospital discharges	62.8	65.0	68.3	61.7	64.3	67.6	71.1	71.3	71.9	71.3
9.3.3 Annual, age-standardized, rate of abestosis hospital discharges	61.9	63.8	66.6	60.2	62.7	63.8	68.8	68.8	67.9	66.9
9.4.1 Annual number of silicosis hospital discharges	18	10	8	12	<5	10	8	8	10	5
9.4.2 Annual rate of silicosis hospital discharges	6.6	3.7	2.9	4.4	NA	3.4	2.6	2.6	3.3	1.6
9.4.3 Annual, age-standardized, rate of silicosis hospital discharges	6.5	3.6	2.9	4.3	NA	3.2	2.6	2.6	2.9	1.6
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	1.8	NA							
9.5.3 Annual, age-standardized, rate of other and unspecified pneumoconiosis hospital discharges	NA	1.8	NA							
Indicator 10										
10.1.1 Annual number of total pneumoconiosis deaths	10	9	12	14	11	14	27	30	31	26
10.1.2 Annual total pneumoconiosis death rate per million residents	3.7	3.3	4.4	5.1	3.8	4.8	9.0	9.9	10.1	8.4
10.1.3 Annual, age-standardized total pneumoconiosis death rate	3.6	3.2	4.3	5.0	3.8	4.6	8.8	9.5	9.8	7.8
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	9	6	11	13	9	12	26	29	30	26
10.3.2 Annual asbestosis death rate per million residents	3.3	2.2	4	4.8	3.1	4.1	8.7	9.6	9.8	8.4
10.3.3 Annual, age-standardized asbestosis death rate	3.2	2.2	3.9	4.6	3.1	3.9	8.5	9	9.5	7.8
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									

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Indicator 11										
11.1 Annual number of reported work-related pesticide poisoning cases	54	50	73	41	41	52	53	56	43	44
11.2 Annual incidence rate of reported work-related pesticide poisoning cases per 100,000 employed persons age 16 years or older	3.2	3.0	4.3	2.4	2.4	3.0	3.0	3.0	2.3	2.5
Indicator 12										
12.1 Annual number of incident mesothelioma cases	45	37	54	48	29	39	62	39	27	43
12.2 Annual mesothelioma incidence rate per million residents	16.5	13.6	19.8	17.6	10.0	13.3	20.7	12.9	8.8	13.9
12.3 Annual, age-standardized mesothelioma incidence rate per million residents	16.3	13.7	19.4	17.3	9.8	13.3	19.8	11.9	8.7	13.3
Indicator 13										
13.1.1 Annual number of residents with elevated blood lead levels (>=10 mcg/dL)							342	286	335	302
13.1.2 Annual prevalence rate per 100,000 employed persons							19.1	15.5	18.2	17.3
13.1.3 Annual number of incident cases							194	129	155	132
13.1.4 Annual incidence rate per 100,000 employed persons							10.8	7.0	8.4	7.6
13.2.1 Annual number of residents with elevated blood lead levels (>=25 mcg/dL)	180	97	74	70	70	58	50	61	57	44
13.2.2 Annual prevalence rate per 100,000 employed persons	10.5	5.8	4.4	4.1	4.1	3.3	2.8	3.3	3.1	2.5
13.2.3 Annual number of incident cases	97	20	36	43	47	38	30	27	23	18
13.2.4 Annual incidence rate per 100,000 employed persons	5.7	1.2	2.1	2.5	2.7	2.2	1.7	1.5	1.2	1.0
13.3.1 Annual number of residents with blood lead levels (>=40 mcg/dL)	38	<5	12	5	11	10	6	10	15	6
13.3.2 Annual prevalence rate per 100,000 employed persons	2.2	NA	0.7	0.3	0.6	0.6	0.3	0.5	0.8	0.3
13.3.3 Annual number of incident cases	20	<5	10	<5	10	10	5	7	11	<5
13.3.4 Annual incidence rate per 100,000 employed persons	1.2	NA	0.6	NA	0.6	0.6	0.3	0.4	0.6	NA
Indicator 14										
14.1 Number of employed persons in high morbidity risk NAICS industries	87,330	82,599	80,220	111,828	114,879	119,555	122,280	120,986	115,439	105,438
14.2 Percentage of employed persons in high morbidity risk NAICS industries	6.4	6.1	6.0	8.4	8.5	8.5	8.3	8.2	7.8	7.7
Indicator 15										
15.1 Average number of employed persons in high morbidity risk 1990 Bureau of the Census occupations	103,975	90,861	90,269	176,049	174,061	172,937	192,261	221,010	187,218	165,792
15.2 Percentage of employed persons in high morbidity risk 1990 Bureau of the Census occupations	8.3	5.4	5.4	10.4	10.2	10.0	10.7	12.0	14.0	13.5
Indicator 16										
16.1 Average number of employed persons in high mortality risk industries	278,592	263,126	231,315	247,727	259,613	269,715	317,093	322,331	303,886	271,847
16.2 Percentage of employed persons in high mortality risk industries	20.6	15.6	13.8	14.7	15.2	15.5	17.7	17.5	18.9	18.2
16.3 Number of employed persons in high mortality risk occupations	108,252	112,416	93,986	164,697	181,253	175,340	205,113	220,095	206,858	191,053
16.4 Percentage of employed persons in high mortality risk occupations	8.7	6.7	5.6	9.8	10.6	0.1	11.4	12.0	12.9	12.8

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Indicator 17										
17.1 Rate of board-certified occupational physicians per 100,000 employees	1.9	2.0	1.9	1.9	1.9	1.8	2.0	2.0	2.1	2.5
17.2 Rate of ACOEM members per 100,000 employees	3.6	3.7	3.7	3.6	3.6	3.0	3.0	2.8	2.6	2.7
17.3 Rate of board-certified occupational health registered nurses per 100,000 employees	3.5	3.6	3.5	3.5	3.8	3.7	4.1	3.2	3.1	3.0
17.4 Rate of members of the AAOH per 100,000 employees	4.1	4.2	4.2	4.2	4.0	3.8	3.9	3.7	3.4	2.9
17.5 Rate of board-certified industrial hygienists per 100,000 employees	4.3	4.4	4.4	4.3	4.4	4.7	4.6	4.2	4.1	4.6
17.6 Rate of AIHA per 100,000 employees	6.0	6.1	6.1	6.0	5.2	5.6	5.4	5.2	5.3	5.1
17.7 Rate of board certified safety health professionals per 100,000 employees	5.4	5.5	5.4	5.4	5.7	5.7	5.6	5.6	5.4	6.0
17.8 Rate of ASSE membership per 100,000 employees	32.8	33.5	33.2	33.0	32.5	36.1	30.0	28.9	28.9	27.6
Indicator 18										
18.1 Annual number of establishments inspected by OSHA	5,332	6,143	5,887	5,426	5,249	4,982	5,737	5,799	5,898	5,689
18.2 Total Number of Establishments in the State	109,050	111,073	113,017	116,309	116,564	121,435	126,948	128,184	125,938	124,218
18.3 Estimated percentage of all establishments under OSHA jurisdiction inspected by OSHA	5.0	4.7	5.3	4.7	4.6	4.2	4.6	4.5	4.7	4.6
18.4 Annual number of employees whose work areas were inspected by OSHA	168,503	204,167	208,745	217,239	239,850	273,286	377,079	247,269	207,178	199,733
18.5 Estimated percentage of employees under OSHA jurisdiction whose work areas were inspected	10.7	13.0	13.5	14.2	15.3	16.8	22.6	14.6	12.3	12.7
Indicator 19										
19.1 Total amount of workers' compensation benefits paid	\$412,710,000	\$455,625,000	\$447,548,000	\$446,887,000	\$506,813,000	\$550,878,000	\$613,288,000	\$585,699,000	\$601,849,000	\$623,095,000
19.2 Average amount of workers' compensation benefits paid/ covered worker	\$265	\$291	\$290	\$292	\$324	\$339	\$367	\$345	\$357	\$395
Indicator 20										
20.1 Annual number of work-related surgical low back disorder hospitalizations for persons age 16 years or older (numerator)								373	409	322
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
20.3 Annual number of work-related low back disorder hospitalizations for persons age 16 years or older (numerator)								439	478	378
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