

Wisconsin Occupational Health Indicator Data, 2009

	Estimate	Units
Employment Demographics		
Employed Persons	2,837,000	Thousands of workers
P1. Percentage of civilian workforce unemployed	8.4	% of civilian workforce
P2. Percentage of civilian employment self-employed	7.1	% of civilian employed
P3. Percentage of civilian employment in part-time jobs	23.4	% of civilian employed
P4. Percentage of civilian employment by number of hours worked		
<40 hours	39.7	% of civilian employed
40 hours	33.0	% of civilian employed
41+ hours	27.3	% of civilian employed
P5. Percentage of civilian employment by sex		
Males	50.9	% of civilian employed
Females	49.1	% of civilian employed
P6. Percentage of civilian employment by age group		
16 to 17	1.9	% of civilian employed
18 to 64	93.5	% of civilian employed
65+	4.6	% of civilian employed
P7. Percentage of civilian employment by race		
White	92.5	% of civilian employed
Black	4.0	% of civilian employed
Other	3.5	% of civilian employed
P8. Percentage of civilian employment by Hispanic Origin	4.7	% of civilian employed
P9. Percentage of civilian employment by industry		
Mining	0.1	% of civilian employed
Construction	3.0	% of civilian employed

Manufacturing: Durable Goods	9.5	% of civilian employed
Manufacturing: Nondurable Goods	5.9	% of civilian employed
Wholesale and retail trade	14.7	% of civilian employed
Transportation and utilities	4.1	% of civilian employed
Information	2.0	% of civilian employed
Financial activities	6.9	% of civilian employed
Professional and business services	7.8	% of civilian employed
Education and health services	23.8	% of civilian employed
Leisure and hospitality	8.6	% of civilian employed
Other services	4.6	% of civilian employed
Public administration	3.5	% of civilian employed
Agriculture	2.5	% of civilian employed
P10. Percentage of civilian employment by occupation		
Management, business and financial operations	15.2	% of civilian employed
Professional and related occupations	21.2	% of civilian employed
Service	16.8	% of civilian employed
Sales and related occupations	10.6	% of civilian employed
Office and administrative support	13.2	% of civilian employed
Farming, fishing, and forestry	1.0	% of civilian employed
Construction and extraction	4.6	% of civilian employed
Installation, maintenance, and repair	2.9	% of civilian employed
Production	8.7	% of civilian employed
Transportation and material moving	5.9	% of civilian employed
Indicator 1		
1.1 Estimated Annual Total Number of Work-Related Injuries and Illnesses	76,300	cases
1.2 Estimated Annual Total Work-Related Injuries and Illness Incidence Rate	4,200	cases per 100,000 FTE
1.3 Estimated Annual Total Number of Cases Involving Days Away From Work	21,300	cases

1.4 Estimated Annual Total Incidence Rate for Cases Involving Days Away From Work	1,000	cases per 100,000 FTE
1.5 Estimated Annual Total Number of Cases Involving More Than 10 Days Away From Work	8,650	cases
Indicator 2		
2.1 Annual Number of Work-Related Hospitalizations	2,207	hospitalizations
2.2 Annual Crude Rate of Hospitalization	77.8	hospitalizations per 100,000 workers
Indicator 3		
3.1 Annual Number of Work-Related Traumatic Fatalities	94	deaths
3.2 Annual Crude Fatality Rate	3.7	deaths per 100,000 FTEs
Indicator 4		
4.1 Estimated Annual Number of Amputations Involving Days Away from Work	160	cases
4.2 Estimated Annual Incidence Rate of Amputations Involving Days Away from Work	9.0	cases per 100,000 FTEs
Indicator 5		
5.1 Annual Number of Amputations filed with State Workers' Compensation System	230	claims
5.2 Annual Incidence Rate of Amputations filed with State Workers' Compensation System	9.1	claims per 100,000 covered workers
Indicator 6		
6.1 Annual number of work-related burn hospitalizations	59	hospitalizations
6.2 Annual rate of work-related burn hospitalizations	2.1	hospitalizations per 100,000 workers
Indicator 7		
7.1 Estimated annual number of all musculoskeletal disorders	7,150	cases
7.2 Estimated annual incidence rate of all musculoskeletal disorders	393	cases per 100,000 FTEs

7.3 Estimated annual number of MSDs of the neck, shoulder & upper extremities	2,180	cases
7.4 Estimated annual incidence rate of disorders of neck, shoulder, and upper extremities	119	cases per 100,000 FTEs
7.5 Estimated annual number of carpal tunnel syndrome cases	250	cases
7.6 Estimated annual incidence rate of carpal tunnel syndrome cases	14	cases per 100,000 FTEs
7.7 Estimated annual number of musculoskeletal disorders of the back	3,380	cases
7.8 Estimated annual incidence rate of musculoskeletal disorders of the back	186	cases per 100,000 FTEs
Indicator 8		
8.1 Annual number of carpal tunnel syndrome cases filed with State WC	563	claims
8.2 Annual incidence rate of carpal tunnel syndrome cases filed with State WC	22.2	claims per 100,000 covered workers
Indicator 9		
9.1.1 Annual number of total pneumoconiosis hospital discharges	328	hospitalizations
9.1.2 Annual rate of total pneumoconiosis hospital discharges	71.7	hospitalizations per 1,000,000 residents
9.1.3 Annual, age-standardized, rate of total pneumoconiosis hospitalizations	67.5	hospitalizations per 1,000,000 residents
9.2.1 Annual number of coal workers' pneumoconiosis hospital discharges	10	hospitalizations
9.2.2 Annual rate of coal workers' pneumoconiosis hospital discharges	2.2	hospitalizations per 1,000,000 residents
9.2.3 Annual, age-standardized, rate of coal workers' pneumoconiosis hospital discharges	1.9	hospitalizations per 1,000,000 residents
9.3.1 Annual number of asbestosis hospital discharges	245	hospitalizations

9.3.2 Annual rate of asbestosis hospital discharges	53.5	hospitalizations per 1,000,000 residents
9.3.3 Annual, age-standardized, rate of abestosis hospital discharges	50.9	hospitalizations per 1,000,000 residents
9.4.1 Annual number of silicosis hospital discharges	63	hospitalizations
9.4.2 Annual rate of silicosis hospital discharges	13.8	hospitalizations per 1,000,000 residents
9.4.3 Annual, age-standardized, rate of silicosis hospital discharges	12.6	hospitalizations per 1,000,000 residents
9.5.1 Annual number of other and unspecified pneumoconiosis hospital discharges	10	hospitalizations
9.5.2 Annual rate of other and unspecified pneumoconiosis hospital discharges	2.2	hospitalizations per 1,000,000 residents
9.5.3 Annual, age-standardized, rate of other and unspecified pneumoconiosis hospital discharges	2.2	hospitalizations per 1,000,000 residents
Indicator 10		
10.1.1 Annual number of total pneumoconiosis deaths	28	deaths
10.1.2 Annual total pneumoconiosis death rate per million residents	6.1	deaths per 1,000,000 residents
10.1.3 Annual, age-standardized total pneumoconiosis death rate	5.6	deaths per 1,000,000 residents
10.2.1 Annual number of coal workers' pneumoconiosis deaths	Suppressed (less than 5)	deaths
10.2.2 Annual coal workers' pneumoconiosis death rate per million residents	*	deaths per 1,000,000 residents
10.2.3 Annual, age-standardized rate of coal workers' pneumoconiosis deaths	*	deaths per 1,000,000 residents
10.3.1 Annual number of asbestosis deaths	19	deaths
10.3.2 Annual asbestosis death rate per million residents	4.2	deaths per 1,000,000 residents

10.3.3 Annual, age-standardized asbestosis death rate	3.9	deaths per 1,000,000 residents
10.4.1 Annual number of silicosis deaths	6	deaths
10.4.2 Annual silicosis death rate per million residents	1.3	deaths per 1,000,000 residents
10.4.3 Annual, age-standardized silicosis death rate	1.1	deaths per 1,000,000 residents
10.5.1 Annual number of other and unspecified pneumoconiosis deaths	Suppressed (less than 5)	deaths
10.5.2 Annual other and unspecified pneumoconiosis death rate per million residents	*	deaths per 1,000,000 residents
10.5.3 Annual, age-standardized pneumoconiosis death rate per million residents	*	deaths per 1,000,000 residents
Indicator 11		
11.1 Annual number of reported work-related pesticide poisoning cases	35	poisonings
11.2 Annual incidence rate of reported work-related pesticide poisoning cases per 100,000 employed persons age 16 years or older	1.2	poisonings per 100,000 workers
Indicator 12		
12.1 Annual number of incident mesothelioma cases	86	cases
12.2 Annual mesothelioma incidence rate per million residents	18.8	cases per 1,000,000 residents
12.3 Annual, age-standardized mesothelioma incidence rate per million residents	18.2	cases per 1,000,000 residents
Indicator 13		
13.1.1 Annual number of residents with elevated blood lead levels (≥ 10 mcg/dL)	873	cases
13.1.2 Annual prevalence rate per 100,000 employed persons	30.8	cases per 100,000 workers
13.1.3 Annual number of incident cases	367	cases

13.1.4 Annual incidence rate per 100,000 employed persons	12.9	cases per 100,000 workers
13.2.1 Annual number of residents with elevated blood lead levels (≥ 25 mcg/dL)	159	cases
13.2.2 Annual prevalence rate per 100,000 employed persons	5.6	cases per 100,000 workers
13.2.3 Annual number of incident cases	93	cases
13.2.4 Annual incidence rate per 100,000 employed persons	3.3	cases per 100,000 workers
13.3.1 Annual number of residents with blood lead levels (≥ 40 mcg/dL)	23	cases
13.3.2 Annual prevalence rate per 100,000 employed persons	0.8	cases per 100,000 workers
13.3.3 Annual number of incident cases	20	cases
13.3.4 Annual incidence rate per 100,000 employed persons	0.7	cases per 100,000 workers
Indicator 14		
14.1 Number of employed persons in high morbidity risk NAICS industries	223,591	workers
14.2 Percentage of employed persons in high morbidity risk NAICS industries	9.5	% of workers
Indicator 15		
15.1 Average number of employed persons in high morbidity risk 2000 Bureau of the Census occupations	332,430	workers
15.2 Percentage of employed persons in high morbidity risk 2000 Bureau of the Census occupations	15.5	% of workers
Indicator 16		
16.1 Average number of employed persons in high mortality risk 2000 Bureau of Census industries	244,268	workers
16.2 Percentage of employed persons in high mortality risk 2000 Bureau of Census industries	11.4	% of workers

16.3 Number of employed persons in high mortality risk 2000 Bureau of Census occupations	222,977	workers
16.4 Percentage of employed persons in high mortality risk 2000 Bureau of Census occupations	10.4	% of workers
Indicator 17		
17.1 Rate of board-certified occupational physicians per 100,000 employees (no.=65)	2.3	persons per 100,000 employed persons
17.2 Rate of ACOEM members per 100,000 employees (no.=82)	2.9	persons per 100,000 employed persons
17.3 Rate of board-certified occupational health registered nurses per 100,000 employees (no.=208)	7.3	persons per 100,000 employed persons
17.4 Rate of members of the AAOH per 100,000 employees (no.=241)	8.5	persons per 100,000 employed persons
17.5 Rate of board-certified industrial hygienists per 100,000 employees (no.=82)	2.9	persons per 100,000 employed persons
17.6 Rate of AIHA per 100,000 employees (no.=99)	3.5	persons per 100,000 employed persons
17.7 Rate of board certified safety health professionals per 100,000 employees (no.=246)	8.7	persons per 100,000 employed persons
17.8 Rate of ASSE membership per 100,000 employees (no.=686)	24.2	persons per 100,000 employed persons
Indicator 18		
18.1 Annual number of employer establishments inspected by OSHA	1650	establishments
18.2a Number of OSHA-Covered Establishments that are Eligible for OSHA Inspection (total)	150650	establishments
18.2b Number of OSHA-Covered Establishments that are Eligible for OSHA Inspection (excluding mines & farms)	148832	establishments
18.3 Percentage of OSHA-Covered Establishments Eligible for Inspection that were Inspected by OSHA	1.11	% of establishments
18.4 Annual Number of Employees whose Work Areas were Inspected by OSHA	54416	employees
18.5a Number of OSHA-Covered Employees that are Eligible for Inspection (total)	2287889	employees

18.5b Number of OSHA-Covered Employees that are Eligible for Inspection (excluding miners & farm workers)	2267398	employees
18.6 Percentage of OSHA-Covered Employees Eligible for Inspection Whose Work Areas were Inspected by OSHA	2.4	% of employees
Indicator 19		
19.1 Total amount of workers' compensation benefits paid	\$1,113,240,000	thousands of dollars
19.2 Average amount of workers' compensation benefits paid per covered worker	\$438.46	dollars
Indicator 20		
20.1 Annual number of work-related surgical low back disorder hospitalizations for persons age 16 years or older (numerator)	740	hospitalizations
20.2 Annual rate of work-related surgical low back disorder hospitalization per 100,000 employed persons age 16 years or older	26.1	hospitalizations per 100,000 workers
20.3 Annual number of work-related low back disorder hospitalizations for persons age 16 years or older (numerator)	743	hospitalizations
20.4 Annual rate of work-related low back disorder hospitalization per 100,000 employed persons age 16 years or older	26.2	hospitalizations per 100,000 workers

Data Source:

Wisconsin Occupational Health Surveillance Program
Bureau of Environmental and Occupational Health
Division of Public Health
Wisconsin Department of Health Services