



# Wisconsin Occupational Health Indicator Data 2008

WISCONSIN OCCUPATIONAL HEALTH PROGRAM  
Bureau of Environmental and Occupational Health

Wisconsin Department of Health Services | Wisconsin Division of Public Health  
dhs.wisconsin.gov/occupational-health | 2008 | dhsenvhealth@wi.gov

<b>1.0</b>	<b>Non-Fatal Work Related Injuries and Illnesses Reported by Employers</b>	
1.1	Estimated Annual Total Number of Work-Related Injuries and Illnesses	93500
1.2	Estimated Annual Total Work-Related Injury and Illness Incidence Rate per 100,000 FTEs	4900
1.3	Estimated Annual Total Number of Cases Involving Days Away from Work	26700
1.4	Estimated Annual total incidence rate for Cases Involving Days Away from Work per 100,000 FTEs	1400
1.5	Estimated annual total number of cases involving more than 10 days away from work (numerator)	12160
<b>2.0</b>	<b>Work-Related Hospitalization</b>	
2.1	Annual number of hospitalization for person age 16 years or older	3005
2.2	Annual crude rate of hospitalization per 100,000 employed person age 16 years or older*	101.9
<b>3.0</b>	<b>Fatal Work-Related Injuries</b>	
3.1	Annual number of fatal work-related injuries	77
3.2	Annual crude fatality rate per 100,000 employed person age 16 years or older*	2.61
<b>4.0</b>	<b>Work-Related Amputations Reported by Employers</b>	
4.1	Estimated Annual Number of work-related amputation cases with days away from work (numerator)	150
4.2	Estimated Annual Incidence Rate of work-related Amputations cases with Days Away from Work per 100,000 FTEs	8.00
<b>5.0</b>	<b>Amputations Filed with State Workers' Compensation System</b>	
5.1	Annual number of amputations filed with State Workers' Compensation (numerator)	231
5.2	Annual incidence rate of amputations filed with State Workers' Compensation per 100,000 workers covered by state workers' compensation system	8.66
<b>6.0</b>	<b>Hospitalizations For Work-Related Burns</b>	
6.1	Annual number of work-related burn hospitalizations for persons age 16 years and older (numerator)	51
6.2	Annual rate of work-related burn hospitalizations per 100,000 employed persons age 16 years or older*	1.73
<b>7.0</b>	<b>Work-Related Musculoskeletal Disorders Reported By Employers</b>	
7.1	Estimated annual number of all musculoskeletal disorders involving days away from work	10060
7.2	Estimated annual incidence rate of all musculoskeletal disorders involving days away from work per 100,000 FTEs	525.00
7.3	Estimated annual number of musculoskeletal disorders of the neck, shoulder and upper extremity involving days away from work	3140
7.4	Estimated annual incidence rate of musculoskeletal disorders of the neck, shoulder and upper extremity involving days away from work per 100,000 FTEs	164.00
7.5	Estimated annual number of carpal tunnel syndrome involving days away from work	390
7.6	Estimated annual incidence rate of carpal tunnel syndrome involving days away from work per 100,000 FTEs	20.00
7.7	Estimated annual number of musculoskeletal disorders of the back involving days away from work	4400
7.8	Estimated annual incidence rate of musculoskeletal disorders of the back involving days away from work per 100,000 FTEs	229.00
<b>8.0</b>	<b>Carpal Tunnel Syndrome Filed With State Workers' Compensation System</b>	

8.1	Annual Number of carpal tunnel syndrome cases filed with State Workers' Compensation	337
8.2	Annual incidence rate of carpal tunnel syndrome cases filed with State Workers' Compensation per 100,000 workers covered by State workers' compensation system	12.63
<b>9.0</b>	<b>Hospitalizations From or With Pneumoconiosis</b>	
<b>9.1</b>	<b>Hospital discharges with a primary or contributing diagnosis of ICD-9-CM code 500-505 ("total pneumoconiosis")</b>	
9.1.1	Annual number of hospitalizations for persons age 15 years or older (numerator)	275
9.1.2	Annual rate of hospitalizations per million residents	60.46
9.1.3	Annual, age-standardized, rate of hospitalizations per million residents	56.71
<b>9.2</b>	<b>Hospital discharges with a primary or contributing diagnosis of ICD-9 code 500 ("Coal Workers' Pneumoconiosis")</b>	
9.2.1	Annual number of coal workers' pneumoconiosis hospital discharges	13
9.2.2	Annual rate of coal workers' pneumoconiosis hospitalizations per million residents	2.86
9.2.3	Annual, age-standardized, rate of pneumoconiosis hospitalizations per million residents	2.64
<b>9.3</b>	<b>Hospital discharges with a primary or contributing diagnosis of ICD-9 code 501 ("Asbestosis")</b>	
9.3.1	Annual number asbestosis hospital discharges	197
9.3.2	Annual rate asbestosis hospitalizations per million residents	43.31
9.3.3	Annual, age-standardized, rate of asbestosis hospitalizations per million residents	40.85
<b>9.4</b>	<b>Hospital discharges with a primary or contributing diagnosis of ICD-9 code 502 ("Silicosis")</b>	
9.4.1	Annual number of silicosis hospital discharges	57
9.4.2	Annual rate of silicosis hospitalizations per million residents	12.53
9.4.3	Annual, age-standardized, rate of silicosis hospitalizations per million residents	11.41
<b>9.5</b>	<b>Hospital discharges with a primary or contributing diagnosis of ICD-9 code 503, 504, or 505 ("Other and Unspecified Pneumoconiosis")</b>	
9.5.1	Annual number of other and unspecified pneumocosis hospital discharges	8
9.5.2	Annual rate of other and unspecified pneumocosis hospitalizations per million residents	1.76
9.5.3	Annual, age-standardized, rate of other and unspecified pneumocosis hospitalizations per million residents	1.56
<b>10.0</b>	<b>Mortality From Or With Pneumoconiosis</b>	
<b>10.1</b>	<b>Deaths with ICD-10 code of J60-J66 as the underlying or contributing cause of death ("Total Pneumoconiosis")</b>	
10.1.1	Annual number of total pneumoconiosis deaths	22
10.1.2	Annual total pneumoconiosis death rate per million residents	4.84
10.1.3	Annual age-standardized total pneumoconiosis death rate per million residents	4.50
<b>10.2</b>	<b>Deaths with a underlying or contributing cause of death with ICD-10 code J60 ("Coal Workers' Pneumoconiosis")</b>	
10.2.1	Annual number of coal workers' pneumoconiosis deaths	0
10.2.2	Annual death rate of coal workers' pneumoconiosis per million residents	*
10.2.3	Annual age-standardized of coal workers' pneumoconiosis death rate per million residents	*
<b>10.3</b>	<b>Deaths with a underlying or contributing diagnosis of ICD-10 code J61 ("Asbestosis")</b>	
10.3.1	Annual number of asbestosis deaths	20
10.3.2	Annual asbestosis death rate per million residents	4.40
10.3.3	Annual age-standardized asbestosis death rate per million residents	4.33
<b>10.4</b>	<b>Deaths with a underlying or contributing diagnosis of ICD-10 code J62 ("Silicosis")</b>	

10.4.1	Annual number of silicosis deaths	0
10.4.2	Annual silicosis death rate per million residents	*
10.4.3	Annual age-standardized silicosis death rate per million residents	*
<b>10.5</b>	<b>Deaths with a underlying or contributing diagnosis of ICD-10 code J63, J64, J65, J66 ("Other and Unspecified Pneumoconiosis")</b>	
10.5.1	Annual number of other and unspecified pneumoconiosis deaths	2
10.5.2	Annual of other and unspecified pneumoconiosis deaths death rate per million residents	*
10.5.3	Annual age-standardized of other and unspecified pneumoconiosis deaths death rate per million residents	*
<b>11.0</b>	<b>Acute Work-Related Pesticide-Associated Illness And Injury Reported To Poison Control Centers</b>	
11.1	Annual number of reported cases of work-related pesticide poisoning cases (numerator)	50
11.2	Annual incidence rate of reported cases of work-related pesticide poisoning cases per 100,000 employed persons age 16 years or older	1.70
<b>12.0</b>	<b>Incidence OF Malignant Mesothelioma</b>	
12.1	Annual number of incident mesothelioma cases (numerator)	72
12.2	Annual mesothelioma incidence rate per million residents	15.83
12.3	Annual age-standardized mesothelioma incidence rate per million residents	14.88
<b>13.0</b>	<b>Eleveted Blood Lead Levels Among Adults</b>	
<b>13.1</b>	<b>Persons age 15 years or older with a blood lead level of &gt;=25 micg/dl</b>	
13.1.1	Annual number of residents with elevated blood lead levels	199
13.1.2	Annual prevalence rate per 100,000 employed persons age 16 years or older	6.75
13.1.3	Annual number of incidence cases of residents with elevated blood lead levels	96
13.1.4	Annual incidence rate per 100,000 employed persons age 16 years or older	3.26
<b>13.2</b>	<b>Persons age 15 years or older with a blood lead level of &gt;=40 micg/dl</b>	
13.2.1	Annual number of residents with elevated blood lead levels	23
13.2.2	Annual prevalence rate per 100,000 employed persons age 16 years or older	*
13.2.3	Annual number of incidence cases of residents with elevated blood lead levels	15
13.2.4	Annual incidence rate per 100,000 employed persons age 16 years or older	*
<b>14.0</b>	<b>Percentage of workers employed in industries at high risk for occupational morbidity*</b>	
14.1	Number of employed persons in high morbidity risk North American Industry Classification System (NAICS) industries	234179
14.2	Percentage of employed persons in high morbidity risk North American Industry Classification System (NAICS) industries	9.38
<b>15.0</b>	<b>Percentage of workers employed in occupations at high risk for occupational morbidity*</b>	
15.1	Number of employed persons in high morbidity risk 1999 bureau of the census occupations	715904
15.2	Percentage of employed persons in high morbidity risk 1999 bureau of the census occupations	24.24
<b>16.0</b>	<b>Percentage of workers employed in industries and occupations at high risk for occupational mortality*</b>	
16.1	Average Number of Employed Persons in High Mortality Risk Industries	402278
16.2	Percentage of Employed Persons in High Mortality Risk Industries	13.62
16.3	Number of Employed Persons in High Mortality Risk Occupations	321103
16.4	Percentage of Employed Persons in High Mortality Risk Occupations	10.87
<b>17.0</b>	<b>Occupational safety and health professionals (per 100,000 workers)</b>	

17.1b	Rate of board-certified occupational medicine physicians	2.10
17.2b	Rate of American College of Occupational and Environmental Medicine (ACOEM) members per 100,000 workers	2.88
17.3b	Rate of board-certified occupational health nurses per 100,000 employees	7.15
17.4b	Rate of American Association of Occupational Health Nurses (AAOHN) members per 100,000 employees	9.53
17.5b	Rate of board-certified industrial hygienists per 100,000 employees	2.85
17.6b	Rate of American Industrial Hygiene Association (AIHA) members per 100,000 employees	4.00
17.7b	Rate of board-certified safety engineers per 100,000 employees	7.90
17.8b	Rate of American Society of Safety Engineers (ASSE) members per 100,000 employees	23.50
<b>18.0</b>	<b>OSHA enforcement activities</b>	
18.1	Annual number of establishments inspected by OSHA in all OSHA covered sectors	1593
18.2	Total number of establishments in the State	152333
18.3	Estimated percentage of all establishments under OSHA jurisdiction and eligible for inspection that were inspected by OSHA	1.05
18.4	Annual number of employees whose work areas were inspected by OSHA	56641
18.5	Estimated percentage of all employees under OSHA jurisdiction eligible for inspection whose work areas were inspected	2.36
<b>19.0</b>	<b>Workers' compensation awards</b>	
19.1	Total amount of workers' compensation benefits paid	\$1,011,334,000.00
19.2	Average amount of workers' compensation paid per covered worker	\$379.06
<b>20.0</b>	<b>Hospitalizations for work-related low back disorders</b>	
20.1	Annual number of surgical low back disorder hospitalizations for persons age 16 and over	449
20.2	Annual crude rate of hospitalization for low back surgery per 100,000 employed persons age 16 and over	15.23
20.3	Annual number of work-related low back disorder hospitalizations for persons age 16 and over	596
20.4	Annual crude rate of hospitalization for work-related low back disorder per 100,000 employed persons age 16 and over	20.21

+ 'high-risk' industries and occupations are determined by NIOSH every 5 years. This year represents the beginning of a new list.

\* number <5 or rate <1