



Wisconsin Occupational Health Indicator Data 2007

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 | 2007 | dhsenvhealth@wi.gov

1.0	Non-Fatal Work Related Injuries and Illnesses Reported by Employers	
1.1	Estimated Annual Total Number of Work-Related Injuries and Illnesses	101400
1.2	Estimated Annual Total Work-Related Injury and Illness Incidence Rate per 100,000 FTEs	5300
1.3	Estimated Annual Total Number of Cases Involving Days Away from Work	27700
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)	11050
2.0	Work-Related Hospitalization	
2.1	Annual number of hospitalization for person age 16 years or older	3230
2.2	Annual crude rate of hospitalization per 100,000 employed person age 16 years or older*	103.58
3.0	Fatal Work-Related Injuries	
3.1	Annual number of fatal work-related injuries	104
3.2	Annual crude fatality rate per 100,000 employed person age 16 years or older*	3.55
4.0	Work-Related Amputations Reported by Employers	
4.1	Estimated Annual Number of work-related amputation cases with days away from work (numerator)	210
4.2	Estimated Annual Incidence Rate of work-related Amputations cases with Days Away from Work per 100,000 FTEs	11.0
5.0	Amputations Filed with State Workers' Compensation System	
5.1	Annual number of amputations filed with State Workers' Compensation (numerator)	294
5.2	Annual incidence rate of amputations filed with State Workers' Compensation per 100,000 workers covered by state workers' compensation system	11.30
6.0	Hospitalizations For Work-Related Burns	
6.1	Annual number of work-related burn hospitalizations for persons age 16 years and older (numerator)	40
6.2	Annual rate of work-related burn hospitalizations per 100,000 employed persons age 16 years or older*	1.37
7.0	Work-Related Musculoskeletal Disorders Reported By Employers	
7.1	Estimated annual number of all musculoskeletal disorders involving days away from work	10200
7.2	Estimated annual incidence rate of all musculoskeletal disorders involving days away from work per 100,000 FTEs	530.00
7.3	Estimated annual number of musculoskeletal disorders of the neck, shoulder and upper extremity involving days away from work	3170
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	165.00
7.5	Estimated annual number of carpal tunnel syndrome involving days away from work	450
7.6	Estimated annual incidence rate of carpal tunnel syndrome involving days away from work per 100,000 FTEs	23.00
7.7	Estimated annual number of musculoskeletal disorders of the back involving days away from work	4830
7.8	Estimated annual incidence rate of musculoskeletal disorders of the back involving days away from work per 100,000 FTEs	251.00

8.0	Carpal Tunnel Syndrome Filed With State Workers' Compensation System	
8.1	Annual Number of carpal tunnel syndrome cases filed with State Workers' Compensation	665
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	26.56
9.0	Hospitalizations From or With Pneumoconiosis	
9.1	Hospital discharges with a primary or contributing diagnosis of ICD-9-CM code 500-505 ("total pneumoconiosis")	
9.1.1	Annual number of hospitalizations for persons age 15 years or older (numerator)	310
9.1.2	Annual rate of hospitalizations per million residents	68.58
9.1.3	Annual, age-standardized, rate of hospitalizations per million residents	66.9
9.2	Hospital discharges with a primary or contributing diagnosis of ICD-9 code 500 ("Coal Workers' Pneumoconiosis")	
9.2.1	Annual number of coal workers' pneumoconiosis hospital discharges	14
9.2.2	Annual rate of coal workers' pneumoconiosis hospitalizations per million residents	3.10
9.2.3	Annual, age-standardized, rate of pneumoconiosis hospitalizations per million residents	3.07
9.3	Hospital discharges with a primary or contributing diagnosis of ICD-9 code 501 ("Asbestosis")	
9.3.1	Annual number asbestosis hospital discharges	219
9.3.2	Annual rate asbestosis hospitalizations per million residents	48.45
9.3.3	Annual, age-standardized, rate of asbestosis hospitalizations per million residents	46.57
9.4	Hospital discharges with a primary or contributing diagnosis of ICD-9 code 502 ("Silicosis")	
9.4.1	Annual number of silicosis hospital discharges	62
9.4.2	Annual rate of silicosis hospitalizations per million residents	13.72
9.4.3	Annual, age-standardized, rate of silicosis hospitalizations per million residents	13.06
9.5	Hospital discharges with a primary or contributing diagnosis of ICD-9 code 503, 504, or 505 ("Other and Unspecified Pneumoconiosis")	
9.5.1	Annual number of other and unspecified pneumocosis hospital discharges	15
9.5.2	Annual rate of other and unspecified pneumocosis hospitalizations per million residents	3.32
9.5.3	Annual, age-standardized, rate of other and unspecified pneumocosis hospitalizations per million residents	3.21
10.0	Mortality From Or With Pneumoconiosis	
10.1	Deaths with ICD-10 code of J60-J66 as the underlying or contributing cause of death ("Total Pneumoconiosis")	
10.1.1	Annual number of total pneumoconiosis deaths	26
10.1.2	Annual total pneumoconiosis death rate per million residents	5.75
10.1.3	Annual age-standardized total pneumoconiosis death rate per million residents	5.72
10.2	Deaths with a underlying or contributing cause of death with ICD-10 code J60 ("Coal Workers' Pneumoconiosis")	
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	*
10.3	Deaths with a underlying or contributing diagnosis of ICD-10 code J61 ("Asbestosis")	
10.3.1	Annual number of asbestosis deaths	18
10.3.2	Annual asbestosis death rate per million residents	3.98

10.3.3	Annual age-standardized asbestosis death rate per million residents	3.97
10.4	Deaths with a underlying or contributing diagnosis of ICD-10 code J62 ("Silicosis")	
10.4.1	Annual number of silicosis deaths	7
10.4.2	Annual silicosis death rate per million residents	1.55
10.4.3	Annual age-standardized silicosis death rate per million residents	1.53
10.5	Deaths with a underlying or contributing diagnosis of ICD-10 code J63, J64, J65, J66 ("Other and Unspecified Pneumoconiosis")	
10.5.1	Annual number of other and unspecified pneumociniosis deaths	0
10.5.2	Annual of other and unspecified pneumociniosis deaths death rate per million residents	*
10.5.3	Annual age-standardized of other and unspecified pneumociniosis deaths death rate per million residents	*
11.0	Acute Work-Related Pesticide-Associated Illness And Injury Reported To Poison Control Centers	
11.1	Annual number of reported cases of work-related pesticide poisoning cases (numerator)	54
11.2	Annual incidence rate of reported cases of work-related pesticide poisoning cases per 100,000 employed persons age 16 years or older	1.84
12.0	Incidence OF Malignant Mesothelioma	
12.1	Annual number of incident mesothelioma cases (numerator)	72
12.2	Annual mesothelioma incidence rate per million residents	15.93
12.3	Annual age-standardized mesothelioma incidence rate per million residents	15.57
13.0	Eleveted Blood Lead Levels Among Adults	
13.1	Persons age 15 years or older with a blood lead level of >=25 micg/dl	
13.1.1	Annual number of residents with eleveted blood lead levels	260
13.1.2	Annual prevalence rate per 100,000 employed persons age 16 years or older	8.87
13.1.3	Annual number of incidence cases of residents with eleveted blood lead levels	174
13.1.4	Annual incidence rate per 100,000 employed persons age 16 years or older	5.94
13.2	Persons age 15 years or older with a blood lead level of >=40 micg/dl	
13.2.1	Annual number of residents with eleveted blood lead levels	24
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 eleveted blood lead levels	19
13.2.4	Annual incidence rate per 100,000 employed persons age 16 years or older	*
14.0	Percentage of workers employed in industries at high risk for occupational morbidity	
14.1	Number of employed persons in high morbidity risk North American Industry Classification System (NAICS) industries	212857
14.2	Percentage of employed persons in high morbidity risk North American Industry Classification System (NAICS) industries	8.57
15.0	Percentage of workers employed in occupations at high risk for occupational morbidity	
15.1	Number of employed persons in high morbidity risk 1999 bureau of the census occupations	376567
15.2	Percentage of employed persons in high morbidity risk 1999 bureau of the census occupations	12.80
16.0	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	377243
16.2	Percentage of Employed Persons in High Mortality Risk Industries	12.83

16.3	Number of Employed Persons in High Mortality Risk Occupations	302583
16.4	Percentage of Employed Persons in High Mortality Risk Occupations	10.29
17.0	Occupational safety and health professionals	
17.1b	Rate of board-certified occupational medicine physicians	2.01
17.2b	Rate of American College of Occupational and Environmental Medicine (ACOEM) members per 100,000 workers	3.04
17.3b	Rate of board-certified occupational health nurses per 100,000 employees	7.17
17.4b	Rate of American Association of Occupational Health Nurses (AAOHN) members per 100,000 employees	10.48
17.5b	Rate of board-certified industrial hygienists per 100,000 employees	3.00
17.6b	Rate of American Industrial Hygiene Association (AIHA) members per 100,000 employees	3.79
17.7b	Rate of board-certified safety engineers per 100,000 employees	7.95
17.8b	Rate of American Society of Safety Engineers (ASSE) members per 100,000 employees	22.56
18.0	OSHA enforcement activities	
18.1	Annual number of establishments inspected by OSHA in all OSHA covered sectors	1647
18.2	Total number of establishments in the State	157741
18.3	Estimated percentage of all establishments under OSHA jurisdiction and eligible for inspection that were inspected by OSHA	1.04
18.4	Annual number of employees whose work areas were inspected by OSHA	73369
18.5	Estimated percentage of all employees under OSHA jurisdiction eligible for inspection whose work areas were inspected	2.66
19.0	Workers' compensation awards	
19.1	Total amount of workers' compensation benefits paid	\$1,094,074,000.00
19.2	Average amount of workers' compensation paid per covered worker	\$406.12
20.0	Hospitalizations for work-related low back disorders	
20.1	Annual number of surgical low back disorder hospitalizations for persons age 16 and over	521
20.2	Annual crude rate of hospitalization for low back surgery per 100,000 employed persons age 16 and over	17.80
20.3	Annual number of work-related low back disorder hospitalizations for persons age 16 and over	665
20.4	Annual crude rate of hospitalization for work-related low back disorder per 100,000 employed persons age 16 and over	22.72

+ '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