



Wisconsin Occupational Health Indicator Data 2004

WISCONSIN OCCUPATIONAL HEALTH PROGRAM
Bureau of Environmental and Occupational Health

Wisconsin Department of Health Services | Wisconsin Division of Public Health
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1.0	Non-Fatal Work Related Injuries and Illnesses Reported by Employers	
1.1	Estimated Annual Total Number of Work-Related Injuries and Illnesses	117500
1.2	Estimated Annual Total Work-Related Injury and Illness Incidence Rate per 100,000 FTEs	6400.00
1.3	Estimated Annual Total Number of Cases Involving Days Away from Work	33200
1.4	Estimated Annual total incidence rate for Cases Involving Days Away from Work per 100,000 FTEs	1600.00
1.5	Estimated annual total number of cases involving more than 10 days away from work (numerator)	12860
2.0	Work-Related Hospitalization	
2.1	Annual number of hospitalization for person age 16 years or older	3087
2.2	Annual crude rate of hospitalization per 100,000 employed person age 16 years or older*	105.83
3.0	Fatal Work-Related Injuries	
3.1	Annual number of fatal work-related injuries	94
3.2	Annual crude fatality rate per 100,000 employed person age 16 years or older*	3.22
4.0	Work-Related Amputations Reported by Employers	
4.1	Estimated Annual Number of work-related amputation cases with days away from work (numerator)	260
4.2	Estimated Annual Incidence Rate of work-related Amputations cases with Days Away from Work per 100,000 FTEs	14.00
5.0	Amputations Filed with State Workers' Compensation System	
5.1	Annual number of amputations filed with State Workers' Compensation (numerator)	308**
5.2	Annual incidence rate of amputations filed with State Workers' Compensation per 100,000 workers covered by state workers' compensation system	11.73
6.0	Hospitalizations For Work-Related Burns	
6.1	Annual number of work-related burn hospitalizations for persons age 16 years and older (numerator)	59
6.2	Annual rate of work-related burn hospitalizations per 100,000 employed persons age 16 years or older*	2.02
7.0	Work-Related Musculoskeletal Disorders Reported By Employers	
7.1	Estimated annual number of all musculoskeletal disorders involving days away from work	12860
7.2	Estimated annual incidence rate of all musculoskeletal disorders involving days away from work per 100,000 FTEs	700.00
7.3	Estimated annual number of musculoskeletal disorders of the neck, shoulder and upper extremity involving days away from work	4240
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	230.00
7.5	Estimated annual number of carpal tunnel syndrome involving days away from work	690
7.6	Estimated annual incidence rate of carpal tunnel syndrome involving days away from work per 100,000 FTEs	37.00
7.7	Estimated annual number of musculoskeletal disorders of the back involving days away from work	6110
7.8	Estimated annual incidence rate of musculoskeletal disorders of the back involving days away from work per 100,000 FTEs	333.00
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	1007**
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	38.35
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)	224
9.1.2	Annual rate of hospitalizations per million residents	52.85
9.1.3	Annual, age-standardized, rate of hospitalizations per million residents	52.54
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	16
9.2.2	Annual rate of coal workers' pneumoconiosis hospitalizations per million residents	3.77
9.2.3	Annual, age-standardized, rate of pneumoconiosis hospitalizations per million residents	3.77
9.3	Hospital discharges with a primary or contributing diagnosis of ICD-9 code 501 ("Asbestosis")	
9.3.1	Annual number asbestosis hospital discharges	163
9.3.2	Annual rate asbestosis hospitalizations per million residents	38.45
9.3.3	Annual, age-standardized, rate of asbestosis hospitalizations per million residents	38.84
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	46
9.4.2	Annual rate of silicosis hospitalizations per million residents	10.85
9.4.3	Annual, age-standardized, rate of silicosis hospitalizations per million residents	10.85
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	4
9.5.2	Annual rate of other and unspecified pneumocosis hospitalizations per million residents	0.94
9.5.3	Annual, age-standardized, rate of other and unspecified pneumocosis hospitalizations per million residents	0.94
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	33
10.1.2	Annual total pneumoconiosis death rate per million residents	7.79
10.1.3	Annual age-standardized total pneumoconiosis death rate per million residents	7.48
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	0.00
10.2.3	Annual age-standardized of coal workers' pneumoconiosis death rate per million residents	0.00
10.3	Deaths with a underlying or contributing diagnosis of ICD-10 code J61 ("Asbestosis")	
10.3.1	Annual number of asbestosis deaths	20
10.3.2	Annual asbestosis death rate per million residents	4.72
10.3.3	Annual age-standardized asbestosis death rate per million residents	4.58
10.4	Deaths with a underlying or contributing diagnosis of ICD-10 code J62 ("Silicosis")	

10.4.1	Annual number of silicosis deaths	12
10.4.2	Annual silicosis death rate per million residents	2.83
10.4.3	Annual age-standardized silicosis death rate per million residents	2.68
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	1
10.5.2	Annual of other and unspecified pneumociniosis deaths death rate per million residents	0.24
10.5.3	Annual age-standardized of other and unspecified pneumociniosis deaths death rate per million residents	0.23
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)	39
11.2	Annual incidence rate of reported cases of work-related pesticide poisoning cases per 100,000 employed persons age 16 years or older	1.34
12.0	Incidence OF Malignant Mesothelioma	
12.1	Annual number of incident mesothelioma cases (numerator)	83
12.2	Annual mesothelioma incidence rate per million residents	19.58
12.3	Annual age-standardized mesothelioma incidence rate per million residents	19.33
13.0	Eleveted Blood Lead Levels Among Adults	
13.1	Persons age 16 years or older with a blood lead level of >=25 micg/dl	
13.1.1	Annual number of residents with eleveted blood lead levels	455
13.1.2	Annual prevalence rate per 100,000 employed persons age 16 years or older	15.60
13.1.3	Annual number of incidence cases of residents with eleveted blood lead levels	130
13.1.4	Annual incidence rate per 100,000 employed persons age 16 years or older	4.46
13.2	Persons age 16 years or older with a blood lead level of >=40 micg/dl	
13.2.1	Annual number of residents with eleveted blood lead levels	39
13.2.2	Annual prevalence rate per 100,000 employed persons age 16 years or older	1.34
13.2.3	Annual number of incidence cases of residents with eleveted blood lead levels	25
13.2.4	Annual incidence rate per 100,000 employed persons age 16 years or older	0.86
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	194,134
14.2	Percentage of employed persons in high morbidity risk North American Industry Classification System (NAICS) industries	7.97
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	360,313
15.2	Percentage of employed persons in high morbidity risk 1999 bureau of the census occupations	12.30
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	420,240
16.2	Percentage of Employed Persons in High Mortality Risk Industries	14.40
16.3	Number of Employed Persons in High Mortality Risk Occupations	285,783
16.4	Percentage of Employed Persons in High Mortality Risk Occupations	9.80
17.0	Occupational safety and health professionals	

17.1a	Number of board-certified occupational medicine physicians	52
17.1b	Rate of board-certified occupational medicine physicians	1.78
17.2a	Number of American College of Occupational and Environmental Medicine (ACOEM) members per 100,000 workers	112
17.2b	Rate of American College of Occupational and Environmental Medicine (ACOEM) members per 100,000 workers	3.84
17.3a	Number of board-certified occupational health nurses per 100,000 employees	205
17.3b	Rate of board-certified occupational health nurses per 100,000 employees	7.03
17.4a	Number of American Association of Occupational Health Nurses (AAOHN) members per 100,000 employees	332
17.4b	Rate of American Association of Occupational Health Nurses (AAOHN) members per 100,000 employees	11.38
17.5a	Number of board-certified industrial hygienists per 100,000 employees	81
17.5b	Rate of board-certified industrial hygienists per 100,000 employees	2.78
17.6a	Number of American Industrial Hygiene Association (AIHA) members per 100,000 employees	148
17.6b	Rate of American Industrial Hygiene Association (AIHA) members per 100,000 employees	5.07
17.7a	Number of board-certified safety engineers per 100,000 employees	207
17.7b	Rate of board-certified safety engineers per 100,000 employees	7.10
17.8a	Number of American Society of Safety Engineers (ASSE) members per 100,000 employees	720
17.8b	Rate of American Society of Safety Engineers (ASSE) members per 100,000 employees	24.68
18.0	OSHA enforcement activities	
18.1	Annual number of establishments inspected by OSHA in all OSHA covered sectors	1502
18.2	Estimated percentage of all establishments under OSHA jurisdiction inspected by OSHA	1.01
18.3	Annual number of employees whose work areas were inspected by OSHA	178172
18.4	Estimated percentage of all employees under OSHA jurisdiction whose work areas were inspected	7.79
18.5	Estimated percentage of state establishments that are under OSHA jurisdiction	94.76
19.0	Workers' compensation awards	
19.1	Total amount of workers' compensation benefits paid	\$1,042,725,000.00
19.2	Average amount of workers' compensation paid per covered worker	397.08
19.3	Percentage of civilian employment covered by workers' compensation	90.02