



Wisconsin Occupational Health Indicator Data 2005

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	109,900
1.2	Estimated Annual Total Work-Related Injury and Illness Incidence Rate per 100,000 FTEs	5,800
1.3	Estimated Annual Total Number of Cases Involving Days Away from Work	32,000
1.4	Estimated Annual total incidence rate for Cases Involving Days Away from Work per 100,000 FTEs	1,700
1.5	Estimated annual total number of cases involving more than 10 days away from work (numerator)	12,070
2.0	Work-Related Hospitalization	
2.1	Annual number of hospitalization for person age 16 years or older	2,904
2.2	Annual crude rate of hospitalization per 100,000 employed person age 16 years or older*	100.8
3.0	Fatal Work-Related Injuries	
3.1	Annual number of fatal work-related injuries	125
3.2	Annual crude fatality rate per 100,000 employed person age 16 years or older*	4.34
4.0	Work-Related Amputations Reported by Employers	
4.1	Estimated Annual Number of work-related amputation cases with days away from work (numerator)	319
4.2	Estimated Annual Incidence Rate of work-related Amputations cases with Days Away from Work per 100,000 FTEs	12.0
5.0	Amputations Filed with State Workers' Compensation System	
5.1	Annual number of amputations filed with State Workers' Compensation (numerator)	291
5.2	Annual incidence rate of amputations filed with State Workers' Compensation per 100,000 workers covered by state workers' compensation system	11.06
6.0	Hospitalizations For Work-Related Burns	
6.1	Annual number of work-related burn hospitalizations for persons age 16 years and older (numerator)	52
6.2	Annual rate of work-related burn hospitalizations per 100,000 employed persons age 16 years or older*	1.80
7.0	Work-Related Musculoskeletal Disorders Reported By Employers	
7.1	Estimated annual number of all musculoskeletal disorders involving days away from work	11,090
7.2	Estimated annual incidence rate of all musculoskeletal disorders involving days away from work per 100,000 FTEs	588
7.3	Estimated annual number of musculoskeletal disorders of the neck, shoulder and upper extremity involving days away from work	3,890
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	181
7.5	Estimated annual number of carpal tunnel syndrome involving days away from work	870
7.6	Estimated annual incidence rate of carpal tunnel syndrome involving days away from work per 100,000 FTEs	48
7.7	Estimated annual number of musculoskeletal disorders of the back involving days away from work	5,340
7.8	Estimated annual incidence rate of musculoskeletal disorders of the back involving days away from work per 100,000 FTEs	283
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	775
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	29.17
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)	294
9.1.2	Annual rate of hospitalizations per million residents	66.02
9.1.3	Annual, age-standardized, rate of hospitalizations per million residents	63.70
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	19
9.2.2	Annual rate of coal workers' pneumoconiosis hospitalizations per million residents	4.26
9.2.3	Annual, age-standardized, rate of pneumoconiosis hospitalizations per million residents	4.16
9.3	Hospital discharges with a primary or contributing diagnosis of ICD-9 code 501 ("Asbestosis")	
9.3.1	Annual number asbestosis hospital discharges	223
9.3.2	Annual rate asbestosis hospitalizations per million residents	50.08
9.3.3	Annual, age-standardized, rate of asbestosis hospitalizations per million residents	48.08
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	54
9.4.2	Annual rate of silicosis hospitalizations per million residents	12.13
9.4.3	Annual, age-standardized, rate of silicosis hospitalizations per million residents	11.82
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	2
9.5.2	Annual rate of other and unspecified pneumocosis hospitalizations per million residents	0.45
9.5.3	Annual, age-standardized, rate of other and unspecified pneumocosis hospitalizations per million residents	0.49
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	23
10.1.2	Annual total pneumoconiosis death rate per million residents	5.43
10.1.3	Annual age-standardized total pneumoconiosis death rate per million residents	5.15
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
10.2.3	Annual age-standardized of coal workers' pneumoconiosis death rate per million residents	0
10.3	Deaths with a underlying or contributing diagnosis of ICD-10 code J61 ("Asbestosis")	
10.3.1	Annual number of asbestosis deaths	14
10.3.2	Annual asbestosis death rate per million residents	3.30
10.3.3	Annual age-standardized asbestosis death rate per million residents	3.14
10.4	Deaths with a underlying or contributing diagnosis of ICD-10 code J62 ("Silicosis")	

10.4.1	Annual number of silicosis deaths	10
10.4.2	Annual silicosis death rate per million residents	2.36
10.4.3	Annual age-standardized silicosis death rate per million residents	2.24
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	0
10.5.3	Annual age-standardized of other and unspecified pneumociniosis deaths death rate per million residents	0
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)	43
11.2	Annual incidence rate of reported cases of work-related pesticide poisoning cases per 100,000 employed persons age 16 years or older	1.49
12.0	Incidence OF Malignant Mesothelioma	
12.1	Annual number of incident mesothelioma cases (numerator)	62
12.2	Annual mesothelioma incidence rate per million residents	16.18
12.3	Annual age-standardized mesothelioma incidence rate per million residents	15.64
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	397
13.1.2	Annual prevalence rate per 100,000 employed persons age 16 years or older	13.78
13.1.3	Annual number of incidence cases of residents with eleveted blood lead levels	107
13.1.4	Annual incidence rate per 100,000 employed persons age 16 years or older	3.71
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	29
13.2.2	Annual prevalence rate per 100,000 employed persons age 16 years or older	1.01
13.2.3	Annual number of incidence cases of residents with eleveted blood lead levels	14
13.2.4	Annual incidence rate per 100,000 employed persons age 16 years or older	0.49
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	215,641
14.2	Percentage of employed persons in high morbidity risk North American Industry Classification System (NAICS) industries	8.80
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	368,243
15.2	Percentage of employed persons in high morbidity risk 1999 bureau of the census occupations	12.81
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	280.704
16.2	Percentage of Employed Persons in High Mortality Risk Industries	11.46
16.3	Number of Employed Persons in High Mortality Risk Occupations	305,239
16.4	Percentage of Employed Persons in High Mortality Risk Occupations	10.62
17.0	Occupational safety and health professionals	

17.1a	Number of board-certified occupational medicine physicians	56
17.1b	Rate of board-certified occupational medicine physicians	1.94
17.2a	Number of American College of Occupational and Environmental Medicine (ACOEM) members per 100,000 workers	93
17.2b	Rate of American College of Occupational and Environmental Medicine (ACOEM) members per 100,000 workers	3.23
17.3a	Number of board-certified occupational health nurses per 100,000 employees	209
17.3b	Rate of board-certified occupational health nurses per 100,000 employees	7.25
17.4a	Number of American Association of Occupational Health Nurses (AAOHN) members per 100,000 employees	325
17.4b	Rate of American Association of Occupational Health Nurses (AAOHN) members per 100,000 employees	11.28
17.5a	Number of board-certified industrial hygienists per 100,000 employees	88
17.5b	Rate of board-certified industrial hygienists per 100,000 employees	3.05
17.6a	Number of American Industrial Hygiene Association (AIHA) members per 100,000 employees	142
17.6b	Rate of American Industrial Hygiene Association (AIHA) members per 100,000 employees	4.93
17.7a	Number of board-certified safety engineers per 100,000 employees	211
17.7b	Rate of board-certified safety engineers per 100,000 employees	7.32
17.8a	Number of American Society of Safety Engineers (ASSE) members per 100,000 employees	780
17.8b	Rate of American Society of Safety Engineers (ASSE) members per 100,000 employees	27.06
18.0	OSHA enforcement activities	
18.1	Annual number of establishments inspected by OSHA in all OSHA covered sectors	1,429
18.2	Estimated percentage of all establishments under OSHA jurisdiction inspected by OSHA	0.94
18.3	Annual number of employees whose work areas were inspected by OSHA	203,288
18.4	Estimated percentage of all employees under OSHA jurisdiction whose work areas were inspected	7.69
18.5	Estimated percentage of state establishments that are under OSHA jurisdiction	
19.0	Workers' compensation awards	
19.1	Total amount of workers' compensation benefits paid	\$1,188,459,000
19.2	Average amount of workers' compensation paid per covered worker	\$447.29
19.3	Percentage of civilian employment covered by workers' compensation	