

Wisconsin Occupational Health Indicator Data, 2011

	Estimate	Units
Profile: Employment Demographics		
Employed Persons, 16 Years and Older (in thousands)	2,848	Total number employed in thousands (e.g., 2,500 = 2,500,000)
P1. Percentage of civilian workforce unemployed	7.8	Percent unemployed
P2. Percentage of civilian employment self-employed	6.4	Percent self-employed
P3. Percentage of civilian employment in part-time jobs	24.9	Percent part-time
P4. Percentage of civilian employment by number of hours worked		
0 to 39 hours	38.9	Percent employed
40 hours	32.7	Percent employed
41+ hours	28.4	Percent employed
P5. Percentage of civilian employment by sex		
Males	51.3	Percent employed
Females	48.7	Percent employed
P6. Percentage of civilian employment by age group		
16 to 17	1.5	Percent employed
18 to 64	93.5	Percent employed
65+	5.0	Percent employed
P7. Percentage of civilian employment by race		
White	92.2	Percent employed
Black	3.9	Percent employed
Other	3.9	Percent employed
P8. Percentage of civilian employment by Hispanic Origin	4.8	Percent employed
P9. Percentage of civilian employment by industry		

Mining	0.1	Percent employed
Construction	5.2	Percent employed
Manufacturing: Durable Goods	9.1	Percent employed
Manufacturing: Nondurable Goods	6.1	Percent employed
Wholesale and retail trade	14.7	Percent employed
Transportation and utilities	4.2	Percent employed
Information	2.0	Percent employed
Financial activities	5.9	Percent employed
Professional and business services	9.9	Percent employed
Education and health services	23.8	Percent employed
Leisure and hospitality	8.4	Percent employed
Other services	4.5	Percent employed
Public administration	3.6	Percent employed
Agriculture and related industries	2.5	Percent employed
P10. Percentage of civilian employment by occupation		
Management, business and financial operations	15.1	Percent employed
Professional and related occupations	21.3	Percent employed
Service	17.5	Percent employed
Sales and related occupations	10.4	Percent employed
Office and administrative support	12.7	Percent employed
Farming, fishing, and forestry	1.0	Percent employed
Construction and extraction	3.7	Percent employed
Installation, maintenance, and repair	3.0	Percent employed
Production	8.9	Percent employed
Transportation and material moving	6.6	Percent employed
Indicator 1: Non-Fatal Work-Related Injuries and Illnesses Reported by Employers		
1.1 Estimated Annual Total Number of Work-Related Injuries and Illnesses	74,400	Total number of cases
1.2 Estimated Annual Total Work-Related Injuries and Illness Incidence Rate (per 100,000 FTEs)	4,200	Rate: Cases per 100,000 FTEs
1.3 Estimated Annual Total Number of Cases Involving Days Away From Work	19,200	Total number of cases
1.4 Estimated Annual Total Incidence Rate for Cases Involving Days Away From Work (per 100,000 FTEs)	1,100	Rate: Cases per 100,000 FTEs

1.5 Estimated Annual Total Number of Cases Involving More Than 10 Days Away From Work	7,580	Total number of cases
Indicator 2: Work-Related Hospitalizations		
2.1 Annual Number of Work-Related Hospitalizations	2,051	Total number of inpatient hospitalizations
2.2 Annual Rate of Hospitalization (per 100,000 workers)	72.0	Rate: Inpatient hospitalizations per 100,000 workers
Indicator 3: Fatal Work-Related Injuries		
3.1 Annual Number of Work-Related Traumatic Fatalities	89	Total number of fatalities
3.2 Annual Fatality Rate (per 100,000 FTEs)	3.4	Rate: Fatalities per 100,000 FTEs age 16 years and older
Indicator 4: Work-Related Amputations with Days Away from Work Reported by Employers		
4.1 Estimated Annual Number of Work-Related Amputations Involving Days Away from Work	170	Total number of cases
4.2 Estimated Annual Incidence Rate of Work-Related Amputations Involving Days Away from Work (per 100,000 FTEs)	9.0	Rate: Work-related amputations per 100,000 FTEs
Indicator 5: State Workers' Compensation Claims for Amputations with Lost Work-Time		
5.1 Annual Number of Amputations Identified in State Workers' Compensation System	257	Total number of claims
5.2 Annual Incidence Rate of Amputations Identified in State Workers' Compensation System (per 100,000 covered workers)	10.1	Rate: Claims per 100,000 covered workers
Indicator 6: Hospitalizations for Work-Related Burns		
6.1 Annual Number of Work-Related Burn Hospitalizations	59	Total number of inpatient hospitalizations (primary diagnosis)
6.2 Annual Rate of Work-Related Burn Hospitalizations (per 100,000 workers)	2.1	Rate: Inpatient hospitalizations per 100,000 workers
Indicator 7: Work-Related Musculoskeletal Disorders (MSDs) with Days Away from Work Reported by Employers		
7.1 Estimated Annual Number of All MSDs Involving Days Away from Work	8,200	Total number of cases
7.2 Estimated Annual Incidence Rate of All MSDs Involving Days Away from Work (per 100,000 FTEs)	459	Rate: Cases per 100,000 FTEs
7.3 Estimated Annual Number of MSDs of the Neck, Shoulder & Upper Extremities Involving Days Away from Work	2,710	Total number of cases
7.4 Estimated Annual Incidence Rate of MSDs of Neck, Shoulder, and Upper Extremities Involving Days Away from Work (per 100,000 FTEs)	151	Rate: Cases per 100,000 FTEs

7.5 Estimated Annual Number of Carpal Tunnel Syndrome Cases Involving Days Away from Work	330	Total number of cases
7.6 Estimated Annual Incidence Rate of Carpal Tunnel Syndrome cases Involving Days Away from Work (per 100,000 FTEs)	18	Rate: Cases per 100,000 FTEs
7.7 Estimated Annual Number of MSDs of the Back Involving Days Away from Work	3,320	Total number of cases
7.8 Estimated Annual Incidence Rate of MSDs of the Back Involving Days Away from Work (per 100,000 FTEs)	186	Rate: Cases per 100,000 FTEs
Indicator 8: State Workers' Compensation Claims for Carpal Tunnel Syndrome With Lost Work-Time		
8.1 Annual Number of Carpal Tunnel Syndrome Cases Identified in State Workers' Compensation System	460	Total number of claims
8.2 Annual Incidence Rate of Carpal Tunnel Syndrome Cases Identified in State Workers' Compensation System (per 100,000 covered workers)	18.0	Rate: Claims per 100,000 covered workers
Indicator 9: Hospitalizations from or with Pneumoconiosis		
9.1.1 Annual Number of Total Pneumoconiosis Hospital Discharges	247	Total number of inpatient hospitalizations (primary or contributing diagnosis)
9.1.2 Annual Rate of Total Pneumoconiosis Hospital Discharges (per 1,000,000 residents)	53.5	Rate: Inpatient hospitalizations per 1,000,000 residents
9.1.3 Annual, Age-Standardized, Rate of Total Pneumoconiosis Hospital Discharges (per 1,000,000 residents)	49.5	Age-adjusted rate: Inpatient hospitalizations per 1,000,000 residents
9.2.1 Annual Number of Coal Workers' Pneumoconiosis Hospital Discharges	7	Total number of inpatient hospitalizations (primary or contributing diagnosis)
9.2.2 Annual Rate of Coal Workers' Pneumoconiosis Hospital Discharges (per 1,000,000 residents)	1.5	Rate: Inpatient hospitalizations per 1,000,000 residents
9.2.3 Annual, Age-Standardized, Rate of Coal Workers' Pneumoconiosis Hospital Discharges (per 1,000,000 residents)	1.3	Age-adjusted rate: Inpatient hospitalizations per 1,000,000 residents
9.3.1 Annual Number of Asbestosis Hospital Discharges	185	Total number of inpatient hospitalizations (primary or contributing diagnosis)
9.3.2 Annual Rate of Asbestosis Hospital Discharges (per 1,000,000 residents)	40.1	Rate: Inpatient hospitalizations per 1,000,000 residents

9.3.3 Annual, Age-Standardized, Rate of Asbestosis Hospital Discharges (per 1,000,000 residents)	37.2	Age-adjusted rate: Inpatient hospitalizations per 1,000,000 residents
9.4.1 Annual Number of Silicosis Hospital Discharges	49	Total number of inpatient hospitalizations (primary or contributing diagnosis)
9.4.2 Annual Rate of Silicosis Hospital Discharges (per 1,000,000 residents)	10.6	Rate: Inpatient hospitalizations per 1,000,000 residents
9.4.3 Annual, Age-Standardized, Rate of Silicosis Hospital Discharges (per 1,000,000 residents)	9.6	Age-adjusted rate: Inpatient hospitalizations per 1,000,000 residents
9.5.1 Annual Number of Other and Unspecified Pneumoconiosis Hospital Discharges	7	Total number of inpatient hospitalizations (primary or contributing diagnosis)
9.5.2 Annual Rate of Other and Unspecified Pneumoconiosis Hospital Discharges (per 1,000,000 residents)	1.5	Rate: Inpatient hospitalizations per 1,000,000 residents
9.5.3 Annual, Age-Standardized, Rate of Other and Unspecified Pneumoconiosis Hospital Discharges (per 1,000,000 residents)	1.6	Age-adjusted rate: Inpatient hospitalizations per 1,000,000 residents
Indicator 10: Mortality from or with Pneumoconiosis		
10.1.1 Annual Number of Total Pneumoconiosis Deaths	22	Total number of deaths (underlying or contributing cause)
10.1.2 Annual Total Pneumoconiosis Death Rate (per 1,000,000 residents)	4.8	Rate: Deaths per 1,000,000 residents
10.1.3 Annual, Age-Standardized Total Pneumoconiosis Death Rate (per 1,000,000 residents)	4.5	Age-adjusted rate: Deaths per 1,000,000 residents
10.2.1 Annual Number of Coal Workers' Pneumoconiosis Deaths	Suppressed (less than 5)	Total number of deaths (underlying or contributing cause)
10.2.2 Annual Coal Workers' Pneumoconiosis Death Rate (per 1,000,000 residents)	*	Rate: Deaths per 1,000,000 residents
10.2.3 Annual, Age-Standardized Coal Workers' Pneumoconiosis Death Rate (per 1,000,000 residents)	*	Age-adjusted rate: Deaths per 1,000,000 residents
10.3.1 Annual Number of Asbestosis Deaths	17	Total number of deaths (underlying or contributing cause)

10.3.2 Annual Asbestosis Death Rate (per 1,000,000 residents)	3.7	Rate: Deaths per 1,000,000 residents
10.3.3 Annual, Age-Standardized Asbestosis Death Rate (per 1,000,000 residents)	3.5	Age-adjusted rate: Deaths per 1,000,000 residents
10.4.1 Annual Number of Silicosis Deaths	Suppressed (less than 5)	Total number of deaths (underlying or contributing cause)
10.4.2 Annual Silicosis Death Rate (per 1,000,000 residents)	*	Rate: Deaths per 1,000,000 residents
10.4.3 Annual, Age-Standardized Silicosis Death Rate (per 1,000,000 residents)	*	Age-adjusted rate: Deaths per 1,000,000 residents
10.5.1 Annual Number of Other and Unspecified Pneumoconiosis Deaths	Suppressed (less than 5)	Total number of deaths (underlying or contributing cause)
10.5.2 Annual Other and Unspecified Pneumoconiosis Death Rate (per 1,000,000 residents)	*	Rate: Deaths per 1,000,000 residents
10.5.3 Annual, Age-Standardized Other and Unspecified Pneumoconiosis Death Rate (per 1,000,000 residents)	*	Age-adjusted rate: Deaths per 1,000,000 residents
Indicator 11: Acute Work-Related Pesticide-Associated Illness and Injury Reported to Poison Control Centers		
11.1 Annual Number of Reported Work-Related Pesticide Poisoning Cases	61	Total number of cases
11.2 Annual Incidence Rate of Reported Work-Related Pesticide Poisoning Cases (per 100,000 workers)	2.1	Rate: Cases per 100,000 workers
Indicator 12: Incidence of Malignant Mesothelioma, Ages 15 and Older		
12.1 Annual Number of Incident Mesothelioma Cases	71	Total number of cases
12.2 Annual Mesothelioma Incidence Rate (per 1,000,000 residents)	15.4	Rate: Cases per 1,000,000 residents
12.3 Annual, Age-Standardized Mesothelioma Incidence Rate (per 1,000,000 residents)	14.0	Age-adjusted rate: Cases per 1,000,000 residents
Indicator 13: Elevated Blood Lead Levels (BLL) Among Adults		
13.1.1 Annual Number of Residents with Elevated Blood Lead Levels (≥ 10 $\mu\text{g}/\text{dL}$)	781	Total number of cases
13.1.2 Annual Prevalence Rate of Blood Lead Levels (≥ 10 $\mu\text{g}/\text{dL}$) (per 100,000 workers)	27.4	Rate: Cases per 100,000 workers
13.1.3 Annual Number of Incident Cases with Elevated Blood Lead Levels (≥ 10 $\mu\text{g}/\text{dL}$)	317	Total number of cases

13.1.4 Annual Incidence Rate of Blood Lead Levels (≥ 10 $\mu\text{g}/\text{dL}$) (per 100,000 workers)	11.1	Rate: Cases per 100,000 workers
13.2.1 Annual Number of Residents with Elevated Blood Lead Levels (≥ 25 $\mu\text{g}/\text{dL}$)	117	Total number of cases
13.2.2 Annual Prevalence Rate of Blood Lead Levels (≥ 25 $\mu\text{g}/\text{dL}$) (per 100,000 workers)	4.1	Rate: Cases per 100,000 workers
13.2.3 Annual Number of Incident Cases with Elevated Blood Lead Levels (≥ 25 $\mu\text{g}/\text{dL}$)	72	Total number of cases
13.2.4 Annual Incidence Rate of Blood Lead Levels (≥ 25 $\mu\text{g}/\text{dL}$) (per 100,000 workers)	2.5	Rate: Cases per 100,000 workers
13.3.1 Annual Number of Residents with Elevated Blood Lead Levels (≥ 40 $\mu\text{g}/\text{dL}$)	13	Total number of cases
13.3.2 Annual Prevalence Rate of Blood Lead Levels (≥ 40 $\mu\text{g}/\text{dL}$) (per 100,000 workers)	0.5	Rate: Cases per 100,000 workers
13.3.3 Annual Number of Incident Cases with Elevated Blood Lead Levels (≥ 40 $\mu\text{g}/\text{dL}$)	12	Total number of cases
13.3.4 Annual Incidence Rate of Blood Lead Levels (≥ 40 $\mu\text{g}/\text{dL}$) (per 100,000 workers)	0.4	Rate: Cases per 100,000 workers
Indicator 14: 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	223,664	Total number of workers
14.2 Percentage of Employed Persons in High Morbidity Risk NAICS Industries	9.5	Percent employed
Indicator 15: Percentage of Workers Employed in Occupations at High Risk for Occupational Morbidity		
15.1 Average Number of Employed Persons in High Morbidity Risk Bureau of the Census Occupations	362,294	Total number of workers
15.2 Percentage of Employed Persons in High Morbidity Risk Bureau of the Census Occupations	16.7	Percent employed
Indicator 16: 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 Bureau of Census Industries	365,199	Total number of workers
16.2 Percentage of Employed Persons in High Mortality Risk Bureau of Census Industries	14.8	Percent employed

16.3 Number of Employed Persons in High Mortality Risk Bureau of Census Occupations	296,759	Total number of workers
16.4 Percentage of Employed Persons in High Mortality Risk Bureau of Census Occupations	12.0	Percent employed
Indicator 17: Occupational Safety and Health Professionals		
17.1 Rate of Board-Certified Occupational Medicine Physicians (per 100,000 employees)	2011 not available	Rate: Physicians per 100,000 employees
17.2 Rate of American College of Occupational and Environmental Medicine (ACOEM) Members (per 100,000 employees)	2011 not available	Rate: Membership per 100,000 employees
17.3 Rate of Board-Certified Occupational Health Nurses (per 100,000 employees)	2011 not available	Rate: Nurses per 100,000 employees
17.4 Rate of American Association of Occupational Health (AAOH) Nurse Members (per 100,000 employees)	2011 not available	Rate: Membership per 100,000 employees
17.5 Rate of Board-Certified Industrial Hygienists (per 100,000 employees)	2011 not available	Rate: Industrial hygienists per 100,000 employees
17.6 Rate of American Industrial Hygiene Association (AIHA) Members (per 100,000 employees)	2011 not available	Rate: Membership per 100,000 employees
17.7 Rate of Board-Certified Safety Health Professionals (BCSP) (per 100,000 employees)	2011 not available	Rate: Professionals per 100,000 employees
17.8 Rate of American Society of Safety Engineers (ASSE) Members (per 100,000 employees)	2011 not available	Rate: Membership per 100,000 employees
Indicator 18: OSHA Enforcement Activities		
18.1 Annual Number of Employer Establishments Inspected by OSHA	1,645	Total number of establishments inspected
18.2 Number of OSHA-Covered Establishments that are Eligible for OSHA Inspection (EXCLUDING MINES & FARMS)	149,902	Total number of establishments eligible, excluding mines and farms
18.3 Percentage of OSHA-Covered Establishments Eligible for Inspection that were Inspected by OSHA	1.1	Percent of establishments
18.4 Annual Number of Employees Whose Work Areas were Inspected by OSHA	56,068	Total number of employees

18.5 Number of OSHA-Covered Employees (EXCLUDING MINERS & FARMERS)	2,291,201	Total number of employees, excluding miners and farmers
18.6 Percentage of OSHA-Covered Employees Eligible for Inspection Whose Work Areas were Inspected by OSHA	2.4	Percent of employees
Indicator 19: Workers' Compensation Awards		
19.1 Total Amount of Workers' Compensation Benefits Paid	\$1,099,950,000	Dollars
19.2 Average Amount of Workers' Compensation Benefits Paid	\$430.17	Average: Dollars per covered worker
Indicator 20: Work-Related Low Back Disorder Hospitalizations		
20.1 Annual Number of Work-Related Surgical Low Back Disorder Hospitalizations	282	Total number of inpatient hospitalizations (primary diagnosis)
20.2 Annual Rate of Work-Related Surgical Low Back Disorder Hospitalization (per 100,000 worker)	9.9	Rate: Inpatient hospitalizations per 100,000 workers
20.3 Annual Number of Work-Related Low Back Disorder Hospitalizations	481	Total number of inpatient hospitalizations (primary diagnosis)
20.4 Annual Rate of Work-Related Low Back Disorder Hospitalizations (per 100,000 worker)	16.9	Rate: Inpatient hospitalizations per 100,000 workers
Indicator 21: Asthma Among Adults Caused or Made Worse by Work		
21.1 Weighted estimate of the number of ever-employed adults with current asthma who report that their asthma was caused or made worse by exposures at work	190,622	Total number of ever-employed adults
21.2 Estimated proportion of ever-employed adults with current asthma who report that their asthma was caused or made worse by exposures at work	50.2 (40.5-59.9)	Proportion of ever-employed adults

Data Source:

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