

Wisconsin - 2019 Occupational Health Indicators

Profile: Employment Demographics	2019	Units
<b>Employed Persons, 16 Years and Older (<i>in thousands</i>) - use value P3B under Employment Demographics How-to</b>	2,980	Total number employed in thousands (e.g., 2,500 thousand = 2,500,000)
<b>P1. Percentage of civilian workforce unemployed</b>	3.4	Percent unemployed
<b>P2. Percentage of civilian employment self-employed</b>	6.5	Percent self-employed
<b>P3. Percentage of civilian employment in part-time jobs</b>	21.7	Percent part-time
<b>P4. Percentage of civilian employment by number of hours worked</b>		
0 to 39 hours	34.2	Percent employed
40 hours	34.6	Percent employed
41+ hours	31.1	Percent employed
<b>P5. Percentage of civilian employment by sex</b>		
Males	52.1	Percent employed
Females	47.9	Percent employed
<b>P6. Percentage of civilian employment by age group</b>		
16 to 17	2.6	Percent employed
18 to 64	91.0	Percent employed
65+	6.4	Percent employed
<b>P7. Percentage of civilian employment by race</b>		
White	90.0	Percent employed
Black	5.3	Percent employed
Other	4.6	Percent employed
<b>P8. Percentage of civilian employment by Hispanic Origin</b>	6.1	Percent employed
<b>P9. Percentage of civilian employment by industry</b>		
Mining and logging	0.2	Percent employed
Construction	5.9	Percent employed
Manufacturing: Durable Goods	10.9	Percent employed
Manufacturing: Nondurable Goods	7.7	Percent employed
Wholesale and retail trade	14.1	Percent employed
Transportation and utilities	4.3	Percent employed
Information	1.7	Percent employed
Financial activities	5.4	Percent employed
Professional and business services	8.9	Percent employed
Education and health services	23.0	Percent employed
Leisure and hospitality	8.1	Percent employed
Other services	3.9	Percent employed
Public administration	3.3	Percent employed
Agriculture and related industries	2.5	Percent employed
<b>P10. Percentage of civilian employment by occupation</b>		
Management, business and financial operations	16.0	Percent employed
Professional and related occupations	21.4	Percent employed
Service	16.0	Percent employed
Sales and related occupations	9.0	Percent employed
Office and administrative support	11.8	Percent employed
Farming, fishing, and forestry	0.9	Percent employed
Construction and extraction	4.5	Percent employed
Installation, maintenance, and repair	3.2	Percent employed
Production	9.8	Percent employed
Transportation and material moving	7.4	Percent employed
<b>P11. Percentage of civilian employment by union membership</b>		
Union members	8.1	Percent employed
Represented by a union	9.1	Percent employed
<b>Indicator 1: Non-Fatal Work-Related Injuries and Illnesses Reported by Employers</b>		
<b>1.1 Estimated Annual Total Number of Work-Related Injuries and Illnesses</b>	65,500	Total number of cases

1.2 Estimated Annual Total Work-Related Injuries and Illness Incidence Rate (per 100,000 FTEs)	3,300	Rate: Cases per 100,000 full time employees (FTEs)
1.3 Estimated Annual Total Number of Cases Involving Days Away From Work	17,100	Total number of cases
1.4 Estimated Annual Total Incidence Rate for Cases Involving Days Away From Work (per 100,000 FTEs)	900	Rate: Cases per 100,000 full time employees (FTEs)
1.5 Estimated Annual Total Number of Cases Involving More Than 10 Days Away From Work	7,370	Total number of cases
Indicator 2: Work-Related Hospitalizations		
2.1 Annual Number of Inpatient Work-Related Hospitalizations	1,301	Total number of inpatient hospitalizations
2.2 Annual Rate of Inpatient Work-Related Hospitalization (per 100,000 employed persons)	43.7	Rate: Inpatient hospitalizations per 100,000 workers
Indicator 3: Fatal Work-Related Injuries		
3.1 Annual Number of Fatal Work-Related Injuries	113	Total number of fatalities
3.2 Annual Fatality Rate (per 100,000 FTEs)	4.0	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	120	Total number of cases
4.2 Estimated Annual Incidence Rate of Work-Related Amputations Involving Days Away from Work (per 100,000 FTEs)	6.0	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 Amputation Cases with Lost Work-Time Filed with State Workers' Compensation System	178	Total number of claims
5.2 Annual Incidence Rate of Amputation Cases with Lost Work-Time Filed with State Workers' Compensation System (per 100,000 covered workers)	6.3	Rate: Claims per 100,000 covered workers
Indicator 6: Hospitalizations for Work-Related Burns		
6.1 Annual Number of Inpatient Hospitalizations for Work-Related Burns	29	Total number of inpatient hospitalizations (primary diagnosis)
6.2 Annual Rate of Inpatient Hospitalizations for Work-Related Burns (per 100,000 employed persons)	1.0	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	5,710	Total number of cases
7.2 Estimated Annual Incidence Rate of All MSDs Involving Days Away from Work (per 100,000 FTEs)	288	Rate: Cases per 100,000 FTEs
7.3 Estimated Annual Number of MSDs of the Neck, Shoulder & Upper Extremities Involving Days Away from Work	1,870	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)	95	Rate: Cases per 100,000 FTEs
7.5 Estimated Annual Number of Carpal Tunnel Syndrome Cases Involving Days Away from Work	100	Total number of cases
7.6 Estimated Annual Incidence Rate of Carpal Tunnel Syndrome Cases Involving Days Away from Work (per 100,000 FTEs)	5.0	Rate: Cases per 100,000 FTEs
7.7 Estimated Annual Number of MSDs of the Back Involving Days Away from Work	2,250	Total number of cases
7.8 Estimated Annual Incidence Rate of MSDs of the Back Involving Days Away from Work (per 100,000 FTEs)	113	Rate: Cases pper 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 with Lost Work-Time Filed with State Workers' Compensation System	209	Total number of claims
workers)	7.4	Rate: Claims per 100,000 covered workers
Indicator 9: Hospitalizations from or with Pneumoconiosis		
9.1.1 Annual Number of Inpatient Hospital Discharges for Total Pneumoconiosis	100	Total number of inpatient hospitalizations (primary or contributing diagnosis)
9.1.2 Annual Rate of Inpatient Hospital Discharges for Total Pneumoconiosis (per 1,000,000 residents)	20.9	Rate: Inpatient hospitalizations per 100,000 residents
9.1.3 Annual Age-Standardized Rate of Inpatient Hospital Discharges for Total Pneumoconiosis (per 1,000,000 residents)	16.7	Age-adjusted rate: Inpatient hospitalizations per 100,000 residents
9.2.1 Annual Number of Inpatient Hospital Discharges for Coal Workers' Pneumoconiosis	8	Total number of inpatient hospitalizations (primary or contributing diagnosis)
9.2.2 Annual Rate of Inpatient Hospital Discharges for Coal Workers' Pneumoconiosis (per 1,000,000 residents)	1.7	Rate: Inpatient hospitalizations per 1,000,000 residents
9.2.3 Annual Age-Standardized Rate of Inpatient Hospital Discharges for Coal Workers' Pneumoconiosis (per 1,000,000 residents)	1.3	Age-adjusted rate: Inpatient hospitalizations per 1,000,000 residents
9.3.1 Annual Number of Inpatient Hospital Discharges for Asbestosis	67	Total number of inpatient hospitalizations (primary or contributing diagnosis)
9.3.2 Annual Rate of Inpatient Hospital Discharges for Asbestosis (per 1,000,000 residents)	14.0	Rate: Inpatient hospitalizations per 1,000,000 residents

9.3.3 Annual Age-Standardized Rate of Inpatient Hospital Discharges for Asbestosis (per 1,000,000 residents)	11.3	Age-adjusted rate: Inpatient hospitalizations per 1,000,000 residents
9.4.1 Annual Number of Inpatient Hospital Discharges for Silicosis	20	Total number of inpatient hospitalizations (primary or contributing diagnosis)
9.4.2 Annual Rate of Inpatient Hospital Discharges for Silicosis (per 1,000,000 residents)	4.2	Rate: Inpatient hospitalizations per 1,000,000 residents
9.4.3 Annual Age-Standardized Rate of Inpatient Hospital Discharges for Silicosis (per 1,000,000 residents)	3.1	Age-adjusted rate: Inpatient hospitalizations per 1,000,000 residents
9.5.1 Annual Number of Inpatient Hospital Discharges for Other and Unspecified Pneumoconiosis	5	Total number of inpatient hospitalizations (primary or contributing diagnosis)
9.5.2 Annual Rate of Inpatient Hospital Discharges for Other and Unspecified Pneumoconiosis (per 1,000,000 residents)	1.0	Rate: Inpatient hospitalizations per 1,000,000 residents
9.5.3 Annual Age-Standardized Rate of Inpatient Hospital Discharges for Other and Unspecified Pneumoconiosis (per 1,000,000 residents)	1.0	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	25	Total number of deaths (underlying or contributing cause)
10.1.2 Annual Total Pneumoconiosis Death Rate (per 1,000,000 residents)	5.2	Rate: Deaths per 1,000,000 residents
10.1.3 Annual Age-Standardized Total Pneumoconiosis Death Rate (per 1,000,000 residents)	4.2	Age-adjusted rate: Deaths per 1,000,000 residents
10.2.1 Annual Number of Coal Workers' Pneumoconiosis Deaths	<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	19	Total number of deaths (underlying or contributing cause)
10.3.2 Annual Asbestosis Death Rate (per 1,000,000 residents)	4.0	Rate: Deaths per 1,000,000 residents
10.3.3 Annual Age-Standardized Asbestosis Death Rate (per 1,000,000 residents)	3.2	Age-adjusted rate: Deaths per 1,000,000 residents
10.4.1 Annual Number of Silicosis Deaths	<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	<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	Data unavailable	
11.2 Annual Incidence Rate of Reported Work-Related Pesticide Poisoning Cases (per 100,000 employed persons)	Data unavailable	
Indicator 12: Incidence of Malignant Mesothelioma, Ages 15 and Older		
12.1 Annual Number of Incident Mesothelioma Cases	75	Total number of cases
12.2 Annual Mesothelioma Incidence Rate (per 1,000,000 residents)	15.7	Rate: Cases per 1,000,000 residents
12.3 Annual Age-Standardized Mesothelioma Incidence Rate (per 1,000,000 residents)	11.1	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 ( $\geq 5$ $\mu\text{g/dL}$ )	1,084	Total number of cases
13.1.2 Annual Prevalence Rate of Blood Lead Levels ( $\geq 5$ $\mu\text{g/dL}$ ) (per 100,000 employed persons)	36	Rate: Cases per 100,000 workers
13.1.3 Annual Number of Incident Cases with Elevated Blood Lead Levels ( $\geq 5$ $\mu\text{g/dL}$ )	531	Total number of cases
13.1.4 Annual Incidence Rate of Blood Lead Levels ( $\geq 5$ $\mu\text{g/dL}$ ) (per 100,000 employed persons)	18	Rate: Cases per 100,000 workers
13.2.1 Annual Number of Residents with Elevated Blood Lead Levels ( $\geq 10$ $\mu\text{g/dL}$ )	568	Total number of cases

13.2.2 Annual Prevalence Rate of Blood Lead Levels ( $\geq 10$ $\mu\text{g}/\text{dL}$ ) (per 100,000 employed persons)	19.1	Rate: Cases per 100,000 workers
13.2.3 Annual Number of Incident Cases with Elevated Blood Lead Levels ( $\geq 10$ $\mu\text{g}/\text{dL}$ )	254	Total number of cases
13.2.4 Annual Incidence Rate of Blood Lead Levels ( $\geq 10$ $\mu\text{g}/\text{dL}$ ) (per 100,000 employed persons)	8.5	Rate: Cases per 100,000 workers
13.3.1 Annual Number of Residents with Elevated Blood Lead Levels ( $\geq 25$ $\mu\text{g}/\text{dL}$ )	97	Total number of cases
13.3.2 Annual Prevalence Rate of Blood Lead Levels ( $\geq 25$ $\mu\text{g}/\text{dL}$ ) (per 100,000 employed persons)	3.3	Rate: Cases per 100,000 workers
13.3.3 Annual Number of Incident Cases with Elevated Blood Lead Levels ( $\geq 25$ $\mu\text{g}/\text{dL}$ )	57	Total number of cases
13.3.4 Annual Incidence Rate of Blood Lead Levels ( $\geq 25$ $\mu\text{g}/\text{dL}$ ) (per 100,000 employed persons)	1.9	Rate: Cases per 100,000 workers
13.4.1 Annual Number of Residents with Elevated Blood Lead Levels ( $\geq 40$ $\mu\text{g}/\text{dL}$ )	8	Total number of residents
13.4.2 Annual Prevalence Rate of Blood Lead Levels ( $\geq 40$ $\mu\text{g}/\text{dL}$ ) (per 100,000 employed persons)	0.3	Rate: Cases per 100,000 workers
13.4.3 Annual Number of Incident Cases with Elevated Blood Lead Levels ( $\geq 40$ $\mu\text{g}/\text{dL}$ )	6	Total number of cases
13.4.4 Annual Incidence Rate of Blood Lead Levels ( $\geq 40$ $\mu\text{g}/\text{dL}$ ) (per 100,000 employed persons)	0.2	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	159,700	Total number of workers
14.2 Percentage of Employed Persons in High Morbidity Risk NAICS Industries	6.1	Percent employed
Indicator 15: Percentage of Workers Employed in Occupations at High Risk for Occupational Morbidity		
15.1 Number of Employed Persons in High Morbidity Risk Bureau of the Census (BOC) Occupations	350,471	Total number of workers
15.2 Percentage of Employed Persons in High Morbidity Risk BOC Occupations	15.0	Percent employed
Indicator 16: Percentage of Workers Employed in Industries and Occupations at High Risk for Occupational Mortality		
16.1 Number of Employed Persons in High Mortality Risk Bureau of Census (BOC) Industries	411,264	Total number of workers
16.2 Percentage of Employed Persons in High Mortality Risk BOC Industries	18.8	Percent employed
16.3 Number of Employed Persons in High Mortality Risk BOC Occupations	291,157	Total number of workers
16.4 Percentage of Employed Persons in High Mortality Risk BOC Occupations	11.2	Percent employed
Indicator 17: Occupational Safety and Health Professionals		
Indicator 18: OSHA Enforcement Activities -		
18.1 Annual Number of Employer Establishments Inspected by OSHA	\$1,220	Total number of establishments inspected
18.2 Number of OSHA-Covered Establishments that are Eligible for OSHA Inspection (EXCLUDING MINES & FARMS)	\$164,283.00	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	Percent of establishments
18.4 Annual Number of Employees Whose Work Areas were Inspected by OSHA	51,065	Total number of employees
18.5 Number of OSHA-Covered Employees (EXCLUDING MINERS & FARMERS)	\$2,503,722	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	Percent of employees
Indicator 19: Workers' Compensation Awards		
19.1 Total Amount of Workers' Compensation Benefits Paid (in thousands)	\$1,222,573	U.S. Dollars (USD)
19.2 Average Amount of Workers' Compensation Benefits Paid (per covered worker)	\$431.55	Average: U.S. Dollars (USD) per covered worker
Indicator 20: Work-Related Low Back Disorder Hospitalizations		
Indicator 21: Asthma Among Adults Caused or Made Worse by Work		
21.1a 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 (LANDLINE ONLY ESTIMATES)	Indicator discontinued	
21.2a Estimated proportion of ever-employed adults with current asthma who report that their asthma was caused or made worse by exposures at work (LANDLINE ONLY ESTIMATES)	Indicator discontinued	
21.1b 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 (LANDLINE & CELLPHONE ESTIMATES)	228,400	Total number of ever-employed adults

21.2b Estimated proportion of ever-employed adults with current asthma who report that their asthma was caused or made worse by exposures at work (LANDLINE & CELLPHONE ESTIMATES)	51.8	Percent (95% Confidence Interval) of ever-employed adults
<b>Indicator 22: Work-Related Severe Traumatic Injury Hospitalizations</b>		
22.1 Annual Number of Work-Related Inpatient Hospitalizations for Severe Traumatic Injury	168.0	
22.2 Annual Rate of Work-Related Inpatient Hospitalizations for Severe Traumatic Injury (per 100,000 employed persons)	5.6	
<b>Indicator 23: Influenza Vaccination Coverage Among Healthcare Personnel</b>		
23.1 Pooled Proportion of Healthcare Personnel Influenza Vaccination Coverage in Acute Care Hospitals (2018-2019 influenza season)	96.2	Percent of hospital care personnel covered
<b>Indicator 24: Occupational Heat-Related Emergency Department (ED) Visits</b>		
24.1 Annual Number of Emergency Department Visits for Occupational Heat-Related Illness	50.0	Total number of emergency department (ED) visits
24.2 Annual Rate of Emergency Department Visits for Occupational Heat-Related Illness (per 100,000 employed persons)	1.7	Rate: Emergency visits per 100,000 workers
<b>Indicator 25: Hospitalizations for or with Occupational Eye Injuries</b>		
25.1 Annual Number of Inpatient Hospitalizations for or with Occupational Eye Injuries	8.0	Total number of inpatient hospitalizations
25.2 Annual Rate of Inpatient Hospitalizations for Occupational Eye Injuries (per 100,000 employed persons)	0.3	Rate: Inpatient hospitalizations per 100,000 employed persons

\* Indicates rates too small to produce reliable estimates.

Wisconsin Occupational Health and Safety Surveillance Program, 2019

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