

Wisconsin Occupational Health Indicator Data, 2013

Profile: Employment Demographics	Estimate	Units
Employed Persons, 16 Years and Older (in thousands)	2,884	Total number employed in thousands (e.g., 2,500 = 2,500,000 )
P1. Percentage of civilian workforce unemployed	6.7	Percent unemployed
P2. Percentage of civilian employment self-employed	6.7	Percent self-employed
P3. Percentage of civilian employment in part-time jobs	22.9	Percent part-time
P4. Percentage of civilian employment by number of hours worked		
0 to 39 hours	37.9	Percent employed
40 hours	33.8	Percent employed
41+ hours	28.3	Percent employed
P5. Percentage of civilian employment by sex		
Males	51.9	Percent employed
Females	48.1	Percent employed
P6. Percentage of civilian employment by age group		
16 to 17	2.0	Percent employed
18 to 64	92.9	Percent employed
65+	5.1	Percent employed
P7. Percentage of civilian employment by race		
White	90.7	Percent employed
Black	4.6	Percent employed
Other	4.7	Percent employed
P8. Percentage of civilian employment by Hispanic Origin	4.8	Percent employed
P9. Percentage of civilian employment by industry		
Mining and logging	0.1	Percent employed
Construction	5.5	Percent employed
Manufacturing: Durable Goods	11.1	Percent employed
Manufacturing: Nondurable Goods	6.3	Percent employed
Wholesale and retail trade	13.8	Percent employed
Transportation and utilities	4.2	Percent employed
Information	1.9	Percent employed
Financial activities	6.1	Percent employed
Professional and business services	8.9	Percent employed
Education and health services	23.3	Percent employed
Leisure and hospitality	8.0	Percent employed
Other services	4.8	Percent employed
Public administration	3.6	Percent employed
Agriculture and related industries	2.4	Percent employed
P10. Percentage of civilian employment by occupation		
Management, business and financial operations	16.0	Percent employed
Professional and related occupations	21.1	Percent employed
Service	17.4	Percent employed

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Sales and related occupations	9.8	Percent employed
Office and administrative support	11.9	Percent employed
Farming, fishing, and forestry	0.8	Percent employed
Construction and extraction	4.1	Percent employed
Installation, maintenance, and repair	3.5	Percent employed
Production	9.4	Percent employed
Transportation and material moving	6.1	Percent employed
<b>Indicator 1: Non-Fatal Work-Related Injuries and Illnesses Reported by Employers</b>		
1.1 Estimated Annual Total Number of Work-Related Injuries and Illnesses	73,600	Total number of cases
1.2 Estimated Annual Total Work-Related Injuries and Illness Incidence Rate (per 100,000 FTEs)	4,000	Rate: Cases per 100,000 FTEs
1.3 Estimated Annual Total Number of Cases Involving Days Away From Work	19,400	Total number of cases
1.4 Estimated Annual Total Incidence Rate for Cases Involving Days Away From Work (per 100,000 FTEs)	1,000	Rate: Cases per 100,000 FTEs
1.5 Estimated Annual Total Number of Cases Involving More Than 10 Days Away From Work	8,260	Total number of cases
<b>Indicator 2: Work-Related Hospitalizations</b>		
2.1 Annual Number of Inpatient Work-Related Hospitalizations	1,668	Total number of inpatient hospitalizations
2.2 Annual Rate of Inpatient Work-Related Hospitalization (per 100,000 workers)	57.8	Rate: Inpatient hospitalizations per 100,000 workers
<b>Indicator 3: Fatal Work-Related Injuries</b>		
3.1 Annual Number of Fatal Work-Related Injuries	97	Total number of fatalities
3.2 Annual Fatality Rate (per 100,000 FTEs)	3.6	Rate: Fatalities per 100,000 FTEs age 16 years and older
<b>Indicator 4: Work-Related Amputations with Days Away from Work Reported by Employers</b>		
4.1 Estimated Annual Number of Work-Related Amputations Involving Days Away from Work	110	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
<b>Indicator 5: State Workers' Compensation Claims for Amputations with Lost Work-Time</b>		
5.1 Annual Number of Amputation Cases with Lost Work-Time Filed with State Workers' Compensation System	261	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)	10.2	Rate: Claims per 100,000 covered workers
<b>Indicator 6: Hospitalizations for Work-Related Burns</b>		
6.1 Annual Number of Inpatient Hospitalizations for Work-Related Burns	39	Total number of inpatient hospitalizations (primary diagnosis)
6.2 Annual Rate of Inpatient Hospitalizations for Work-Related Burns (per 100,000 workers)	1.4	Rate: Inpatient hospitalizations per 100,000 workers
<b>Indicator 7: Work-Related Musculoskeletal Disorders (MSDs) with Days Away from Work Reported by Employers</b>		
7.1 Estimated Annual Number of All MSDs Involving Days Away from Work	7,400	Total number of cases
7.2 Estimated Annual Incidence Rate of All MSDs Involving Days Away from Work (per 100,000 FTEs)	400	Rate: Cases per 100,000 FTEs
7.3 Estimated Annual Number of MSDs of the Neck, Shoulder & Upper Extremities Involving Days Away from Work	2,670	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)	144	Rate: Cases per 100,000 FTEs

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7.5 Estimated Annual Number of Carpal Tunnel Syndrome Cases Involving Days Away from Work	290	Total number of cases
7.6 Estimated Annual Incidence Rate of Carpal Tunnel Syndrome Cases Involving Days Away from Work (per 100,000 FTEs)	16	Rate: Cases per 100,000 FTEs
7.7 Estimated Annual Number of MSDs of the Back Involving Days Away from Work	2,780	Total number of cases
7.8 Estimated Annual Incidence Rate of MSDs of the Back Involving Days Away from Work (per 100,000 FTEs)	150	Rate: Cases per 100,000 FTEs
<b>Indicator 8: State Workers' Compensation Claims for Carpal Tunnel Syndrome With Lost Work-Time</b>		
8.1 Annual Number of Carpal Tunnel Syndrome Cases with Lost Work-Time Filed with State Workers' Compensation System	399	Total number of claims
8.2 Annual Incidence Rate of Carpal Tunnel Syndrome Cases with Lost Work-Time Filed with State Workers' Compensation System (per 100,000 covered workers)	15.5	Rate: Claims per 100,000 covered workers
<b>Indicator 9: Hospitalizations from or with Pneumoconiosis</b>		
9.1.1 Annual Number of Inpatient Hospital Discharges for Total Pneumoconiosis	238	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)	51.1	Rate: Inpatient hospitalizations per 1,000,000 residents
9.1.3 Annual Age-Standardized Rate of Inpatient Hospital Discharges for Total Pneumoconiosis (per 1,000,000 residents)	44.4	Age-adjusted rate: Inpatient hospitalizations per 1,000,000 residents
9.2.1 Annual Number of Inpatient Hospital Discharges for Coal Workers' Pneumoconiosis	14	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)	3.0	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)	2.7	Age-adjusted rate: Inpatient hospitalizations per 1,000,000 residents
9.3.1 Annual Number of Inpatient Hospital Discharges for Asbestosis	176	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)	37.8	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)	33.2	Age-adjusted rate: Inpatient hospitalizations per 1,000,000 residents
9.4.1 Annual Number of Inpatient Hospital Discharges for Silicosis	44	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)	9.4	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)	8.0	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)	*	Rate: Inpatient hospitalizations per 1,000,000 residents

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9.5.3 Annual Age-Standardized Rate of Inpatient Hospital Discharges for Other and Unspecified Pneumoconiosis (per 1,000,000 residents)	*	Age-adjusted rate: Inpatient hospitalizations per 1,000,000 residents
<b>Indicator 10: Mortality from or with Pneumoconiosis</b>		
10.1.1 Annual Number of Total Pneumoconiosis Deaths	37	Total number of deaths (underlying or contributing cause)
10.1.2 Annual Total Pneumoconiosis Death Rate (per 1,000,000 residents)	7.9	Rate: Deaths per 1,000,000 residents
10.1.3 Annual Age-Standardized Total Pneumoconiosis Death Rate (per 1,000,000 residents)	7.0	Age-adjusted rate: Deaths per 1,000,000 residents
10.2.1 Annual Number of Coal Workers' Pneumoconiosis Deaths	0	Total number of deaths (underlying or contributing cause)
10.2.2 Annual Coal Workers' Pneumoconiosis Death Rate (per 1,000,000 residents)	0.0	Rate: Deaths per 1,000,000 residents
10.2.3 Annual Age-Standardized Coal Workers' Pneumoconiosis Death Rate (per 1,000,000 residents)	0.0	Age-adjusted rate: Deaths per 1,000,000 residents
10.3.1 Annual Number of Asbestosis Deaths	34	Total number of deaths (underlying or contributing cause)
10.3.2 Annual Asbestosis Death Rate (per 1,000,000 residents)	7.3	Rate: Deaths per 1,000,000 residents
10.3.3 Annual Age-Standardized Asbestosis Death Rate (per 1,000,000 residents)	6.4	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	0	Total number of deaths (underlying or contributing cause)
10.5.2 Annual Other and Unspecified Pneumoconiosis Death Rate (per 1,000,000 residents)	0.0	Rate: Deaths per 1,000,000 residents
10.5.3 Annual Age-Standardized Other and Unspecified Pneumoconiosis Death Rate (per 1,000,000 residents)	0.0	Age-adjusted rate: Deaths per 1,000,000 residents
<b>Indicator 11: Acute Work-Related Pesticide-Associated Illness and Injury Reported to Poison Control Centers</b>		
11.1 Annual Number of Reported Work-Related Pesticide Poisoning Cases	51	Total number of cases
11.2 Annual Incidence Rate of Reported Work-Related Pesticide Poisoning Cases (per 100,000 workers)	1.8	Rate: Cases per 100,000 workers
<b>Indicator 12: Incidence of Malignant Mesothelioma, Ages 15 and Older</b>		
12.1 Annual Number of Incident Mesothelioma Cases	93	Total number of cases
12.2 Annual Mesothelioma Incidence Rate (per 1,000,000 residents)	20.0	Rate: Cases per 1,000,000 residents
12.3 Annual Age-Standardized Mesothelioma Incidence Rate (per 1,000,000 residents)	17.3	Age-adjusted rate: Cases per 1,000,000 residents
<b>Indicator 13: Elevated Blood Lead Levels (BLL) Among Adults</b>		
13.1.1 Annual Number of Residents with Elevated Blood Lead Levels ( $\geq 10$ $\mu\text{g}/\text{dL}$ )	686	Total number of cases
13.1.2 Annual Prevalence Rate of Blood Lead Levels ( $\geq 10$ $\mu\text{g}/\text{dL}$ ) (per 100,000 workers)	23.8	Rate: Cases per 100,000 workers
13.1.3 Annual Number of Incident Cases with Elevated Blood Lead Levels ( $\geq 10$ $\mu\text{g}/\text{dL}$ )	283	Total number of cases

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13.1.4 Annual Incidence Rate of Blood Lead Levels ( $\geq 10$ $\mu\text{g}/\text{dL}$ ) (per 100,000 workers)	9.8	Rate: Cases per 100,000 workers
13.2.1 Annual Number of Residents with Elevated Blood Lead Levels ( $\geq 25$ $\mu\text{g}/\text{dL}$ )	105	Total number of cases
13.2.2 Annual Prevalence Rate of Blood Lead Levels ( $\geq 25$ $\mu\text{g}/\text{dL}$ ) (per 100,000 workers)	3.6	Rate: Cases per 100,000 workers
13.2.3 Annual Number of Incident Cases with Elevated Blood Lead Levels ( $\geq 25$ $\mu\text{g}/\text{dL}$ )	59	Total number of cases
13.2.4 Annual Incidence Rate of Blood Lead Levels ( $\geq 25$ $\mu\text{g}/\text{dL}$ ) (per 100,000 workers)	2.0	Rate: Cases per 100,000 workers
13.3.1 Annual Number of Residents with Elevated Blood Lead Levels ( $\geq 40$ $\mu\text{g}/\text{dL}$ )	11	Total number of cases
13.3.2 Annual Prevalence Rate of Blood Lead Levels ( $\geq 40$ $\mu\text{g}/\text{dL}$ ) (per 100,000 workers)	0.4	Rate: Cases per 100,000 workers
13.3.3 Annual Number of Incident Cases with Elevated Blood Lead Levels ( $\geq 40$ $\mu\text{g}/\text{dL}$ )	10	Total number of cases
13.3.4 Annual Incidence Rate of Blood Lead Levels ( $\geq 40$ $\mu\text{g}/\text{dL}$ ) (per 100,000 workers)	0.3	Rate: Cases per 100,000 workers
<b>Indicator 14: Percentage of Workers Employed in Industries at High Risk for Occupational Morbidity</b>		
14.1 Number of Employed Persons in High Morbidity Risk North American Industry Classification System (NAICS) Industries	146,588	Total number of workers
14.2 Percentage of Employed Persons in High Morbidity Risk NAICS Industries	6.1	Percent employed
<b>Indicator 15: Percentage of Workers Employed in Occupations at High Risk for Occupational Morbidity</b>		
15.1 Number of Employed Persons in High Morbidity Risk Bureau of the Census Occupations	307,616	Total number of workers
15.2 Percentage of Employed Persons in High Morbidity Risk Bureau of the Census Occupations	14.1	Percent employed
<b>Indicator 16: Percentage of Workers Employed in Industries and Occupations at High Risk for Occupational Mortality</b>		
16.1 Number of Employed Persons in High Mortality Risk Bureau of Census Industries	349,845	Total number of workers
16.2 Percentage of Employed Persons in High Mortality Risk Bureau of Census Industries	14.1	Percent employed
16.3 Number of Employed Persons in High Mortality Risk Bureau of Census Occupations	282,129	Total number of workers
16.4 Percentage of Employed Persons in High Mortality Risk Bureau of Census Occupations	11.3	Percent employed
<b>Indicator 17: Occupational Safety and Health Professionals</b>		
17.1 Rate of Board-Certified Occupational Medicine Physicians (per 100,000 employees)	N/A	Rate: Physicians per 100,000 employees
17.2 Rate of American College of Occupational and Environmental Medicine (ACOEM) Members (per 100,000 employees)	2.5	Rate: Membership per 100,000 employees
17.3 Rate of Board-Certified Occupational Health Nurses (per 100,000 employees)	6.4	Rate: Nurses per 100,000 employees
17.4 Rate of American Association of Occupational Health (AAOH) Nurse Members (per 100,000 employees)	N/A	Rate: Membership per 100,000 employees
17.5 Rate of Board-Certified Industrial Hygienists (per 100,000 employees)	2.4	Rate: Industrial hygienists per 100,000 employees
17.6 Rate of American Industrial Hygiene Association (AIHA) Members (per 100,000 employees)	1.6	Rate: Membership per 100,000 employees
17.7 Rate of Board-Certified Safety Health Professionals (BCSP) (per 100,000 employees)	9.7	Rate: Professionals per 100,000 employees

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17.8 Rate of American Society of Safety Engineers (ASSE) Members (per 100,000 employees)	24.2	Rate: Membership per 100,000 employees
<b>Indicator 18: OSHA Enforcement Activities</b>		
18.1 Annual Number of Employer Establishments Inspected by OSHA	1,418	Total number of establishments inspected
18.2 Number of OSHA-Covered Establishments that are Eligible for OSHA Inspection (EXCLUDING MINES & FARMS)	153,818	Total number of establishments eligible, excluding mines and farms
18.3 Percentage of OSHA-Covered Establishments Eligible for Inspection that were Inspected by OSHA	0.9	Percent of establishments
18.4 Annual Number of Employees Whose Work Areas were Inspected by OSHA	50,280	Total number of employees
18.5 Number of OSHA-Covered Employees (EXCLUDING MINERS & FARMERS)	2,348,759	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	2.1	Percent of employees
<b>Indicator 19: Workers' Compensation Awards</b>		
19.1 Total Amount of Workers' Compensation Benefits Paid	\$1,126,058,000	Dollars
19.2 Average Amount of Workers' Compensation Benefits Paid (per covered worker)	\$437.98	Average: Dollars per covered worker
<b>Indicator 20: Work-Related Low Back Disorder Hospitalizations</b>		
20.1 Annual Number of Work-Related Surgical Low Back Disorder Hospitalizations	178	Total number of inpatient hospitalizations (primary diagnosis)
20.2 Annual Rate of Work-Related Surgical Low Back Disorder Hospitalization (per 100,000 workers)	6.2	Rate: Inpatient hospitalizations per 100,000 workers
20.3 Annual Number of Work-Related Low Back Disorder Hospitalizations	287	Total number of inpatient hospitalizations (primary diagnosis)
20.4 Annual Rate of Work-Related Low Back Disorder Hospitalizations (per 100,000 workers)	10.0	Rate: Inpatient hospitalizations per 100,000 workers
<b>Indicator 21: Asthma Among Adults Caused or Made Worse by Work</b>		
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	256,790	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	56.8 (46.6 - 67.0)	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	274	Total number of inpatient hospitalizations (primary diagnosis)
22.2 Annual Rate of Work-Related Inpatient Hospitalizations for Severe Traumatic Injury (per 100,000 workers)	9.5	Rate: Inpatient hospitalizations per 100,000 workers
<b>Indicator 23: Influenza Vaccination Coverage Among Hospital Care Personnel</b>		
23.1 Annual Number of Hospital Care Personnel Influenza Vaccination Coverage in Licensed Acute Care Facilities	N/A	
23.2 Average Hospital Care Personnel Influenza Vaccination Coverage in Licensed Acute Care Facilities	N/A	
<b>Indicator 24: Occupational Heat-Related Emergency Department (ED) Visits</b>		
24.1 Annual Number of Emergency Department Visits for Occupational Heat-Related Illness	118	Total number of emergency department (ED) visits
24.2 Annual Rate of Emergency Department Visits for Occupational Heat-Related Illness (per 100,000 workers)	4.1	Rate: Emergency visits per 100,000 workers
* indicates rates too small to produce reliable estimates.		
Data Source:		

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