

Table 6. Incidence rates¹ of nonfatal occupational injuries and illnesses by industry and case type, Michigan, 2014

Industry ²	NAICS code ³	Total recordable cases	Cases with days away from work, job transfer, or restriction			Other recordable cases
			Total	Cases with days away from work ⁴	Cases with job transfer or restriction	
All industries including state and local government⁵		3.7	1.9	1.0	0.9	1.8
Private industry⁵		3.6	1.8	0.9	0.8	1.8
Goods-producing⁵		4.6	2.3	1.2	1.1	2.2
Natural resources and mining^{5,6}		3.9	2.0	1.4	0.6	1.9
Agriculture, forestry, fishing and hunting⁵		4.2	2.2	1.5	0.7	2.0
Crop production ⁵	111	3.5	1.4	0.9	0.6	2.1
Animal production and aquaculture ⁵	112	4.4	2.3	--	0.7	2.1
Mining, quarrying, and oil and gas extraction⁶		2.8	1.3	0.9	0.3	1.5
Construction		3.4	1.8	1.5	0.3	1.6
Construction		3.4	1.8	1.5	0.3	1.6
Construction of buildings	236	5.7	3.2	2.8	--	2.5
Nonresidential building construction	2362	2.0	1.0	0.9	0.2	1.0
Heavy and civil engineering construction	237	3.7	1.5	0.9	0.6	2.3
Utility system construction	2371	2.0	0.8	--	0.3	1.2
Specialty trade contractors	238	2.6	1.4	1.2	0.3	1.2
Foundation, structure, and building exterior contractors	2381	2.9	1.9	1.3	0.5	1.0
Building equipment contractors	2382	2.7	1.2	0.9	0.2	1.5
Building finishing contractors	2383	2.4	1.4	1.1	0.3	0.9
Manufacturing		4.8	2.5	1.1	1.3	2.4
Manufacturing		4.8	2.5	1.1	1.3	2.4
Food manufacturing	311	4.2	2.3	1.0	1.3	1.9
Grain and oilseed milling	3112	3.0	1.1	0.6	0.5	1.8

See footnotes at end of table.

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Fruit and vegetable preserving and specialty food manufacturing	3114	4.1	2.6	1.4	1.2	1.5
Dairy product manufacturing	3115	2.5	1.3	0.6	0.6	1.2
Animal slaughtering and processing	3116	5.4	3.0	0.8	2.2	2.3
Bakeries and tortilla manufacturing	3118	2.3	1.1	0.8	0.3	1.2
Beverage and tobacco product manufacturing	312	7.2	5.3	2.2	3.1	1.9
Beverage manufacturing	3121	7.2	5.3	2.2	3.1	1.9
Wood product manufacturing	321	6.5	4.0	1.6	2.4	2.5
Paper manufacturing	322	3.8	2.2	1.0	1.1	1.6
Printing and related support activities	323	3.3	1.4	0.6	0.7	1.9
Chemical manufacturing	325	1.8	1.0	0.5	0.5	0.9
Pharmaceutical and medicine manufacturing	3254	1.8	0.9	0.4	0.6	0.9
Plastics and rubber products manufacturing	326	5.7	3.3	1.5	1.8	2.4
Plastics product manufacturing	3261	5.6	3.2	1.4	1.8	2.4
Nonmetallic mineral product manufacturing	327	5.0	2.6	1.6	1.1	2.4
Primary metal manufacturing	331	5.4	2.5	1.1	1.4	2.9
Iron and steel mills and ferroalloy manufacturing	3311	3.3	2.1	0.7	1.4	1.1
Foundries	3315	6.8	2.9	1.4	1.5	3.9
Fabricated metal product manufacturing	332	6.1	3.0	1.7	1.3	3.1
Forging and stamping	3321	5.9	3.6	1.2	2.3	2.4
Architectural and structural metals manufacturing	3323	9.6	4.2	3.1	1.2	5.3
Machine shops; turned product; and screw, nut, and bolt manufacturing	3327	5.6	2.4	1.3	1.1	3.2
Machine shops	33271	5.4	2.5	1.3	1.3	2.9
Turned product and screw, nut, and bolt manufacturing	33272	6.1	2.0	1.3	0.7	4.1
Coating, engraving, heat treating, and allied activities	3328	5.8	3.6	2.2	1.4	2.1
Other fabricated metal product manufacturing	3329	5.9	2.6	1.3	1.3	3.3
Machinery manufacturing	333	4.2	1.9	1.1	0.8	2.3
Metalworking machinery manufacturing	3335	4.1	1.5	0.9	0.6	2.6
Other general purpose machinery manufacturing	3339	3.9	2.7	1.7	1.0	1.2
Computer and electronic product manufacturing	334	1.5	0.7	0.4	0.4	0.8
Transportation equipment manufacturing	336	6.0	3.1	1.1	2.0	2.9
Motor vehicle manufacturing	3361	6.9	3.4	1.6	1.8	3.6
Motor vehicle body and trailer manufacturing	3362	6.5	4.0	0.8	3.2	2.5
Motor vehicle parts manufacturing	3363	5.8	3.0	1.0	2.0	2.8
Motor vehicle gasoline engine and engine parts manufacturing	33631	5.1	2.9	0.8	2.1	2.3

See footnotes at end of table.

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Motor vehicle electrical and electronic equipment manufacturing	33632	2.4	1.6	0.8	0.8	0.8
Motor vehicle transmission and power train parts manufacturing	33635	6.9	3.4	1.4	2.1	3.5
Motor vehicle seating and interior trim manufacturing	33636	7.7	4.5	0.6	3.9	3.2
Motor vehicle metal stamping	33637	6.6	2.9	1.1	1.8	3.7
Other motor vehicle parts manufacturing	33639	4.8	2.6	1.0	1.5	2.2
Furniture and related product manufacturing	337	4.4	2.1	0.9	1.3	2.2
Office furniture (including fixtures) manufacturing	3372	3.8	1.8	0.7	1.1	2.1
Miscellaneous manufacturing	339	2.3	1.1	0.5	0.7	1.2
Service-providing		3.2	1.6	0.9	0.7	1.6
Trade, transportation, and utilities⁸		3.8	2.2	1.2	1.1	1.5
Wholesale trade		3.4	2.0	1.1	0.9	1.4
Merchant wholesalers, durable goods	423	2.6	1.5	0.9	0.7	1.0
Motor vehicle and motor vehicle parts and supplies merchant wholesalers	4231	2.8	1.6	1.2	0.4	1.1
Furniture and home furnishing merchant wholesalers	4232	3.2	1.7	--	1.2	1.4
Professional and commercial equipment and supplies merchant wholesalers	4234	0.6	0.1	--	--	--
Metal and mineral (except petroleum) merchant wholesalers	4235	8.5	5.1	3.0	2.1	3.4
Metal service centers and other metal merchant wholesalers	42351	8.6	5.1	3.0	2.1	3.4
Coal and other mineral and ore merchant wholesalers	42352	--	--	--	--	--
Household appliances and electrical and electronic goods merchant wholesalers	4236	0.6	0.4	--	0.4	--
Hardware, and plumbing and heating equipment and supplies merchant wholesalers	4237	1.9	1.9	--	--	--
Machinery, equipment, and supplies merchant wholesalers	4238	1.3	0.9	0.4	0.5	0.5
Construction and mining (except oil well) machinery and equipment merchant wholesalers	42381	4.5	2.5	1.5	1.0	2.0
Industrial machinery and equipment merchant wholesalers	42383	1.1	0.5	0.3	--	0.5
Miscellaneous durable goods merchant wholesalers	4239	3.1	1.0	0.7	0.4	2.1
Merchant wholesalers, nondurable goods	424	5.1	3.2	1.6	1.6	1.9
Wholesale electronic markets and agents and brokers	425	3.0	1.1	0.8	--	--

See footnotes at end of table.

Table 6. Incidence rates¹ of nonfatal occupational injuries and illnesses by industry and case type, Michigan, 2014

Industry ²	NAICS code ³	Total recordable cases	Cases with days away from work, job transfer, or restriction			Other recordable cases
			Total	Cases with days away from work ⁴	Cases with job transfer or restriction	
Retail trade		3.6	1.9	0.9	1.0	1.7
Motor vehicle and parts dealers	441	4.0	1.5	1.1	0.3	2.6
Automobile dealers	4411	3.6	1.1	0.8	0.3	2.5
Automotive parts, accessories, and tire stores	4413	4.5	1.4	0.9	0.5	3.2
Furniture and home furnishings stores	442	2.6	1.8	0.8	1.0	0.8
Building material and garden equipment and supplies dealers	444	5.0	2.8	1.4	1.4	2.3
Building material and supplies dealers	4441	4.3	2.6	1.2	1.4	1.7
Home centers	44411	5.5	3.6	1.3	2.2	1.9
Other building material dealers	44419	3.0	1.3	1.1	--	1.7
Food and beverage stores	445	4.4	2.7	1.4	1.3	1.6
Grocery stores	4451	4.5	2.5	1.0	1.5	2.0
Specialty food stores	4452	1.1	0.5	--	0.5	0.5
Health and personal care stores	446	2.2	1.1	0.5	--	1.1
Health and personal care stores	4461	2.2	1.1	0.5	--	1.1
Pharmacies and drug stores	44611	2.9	1.6	0.7	--	1.4
Gasoline stations	447	--	0.7	0.6	0.2	--
Gasoline stations	4471	--	0.7	0.6	0.2	--
Clothing and clothing accessories stores	448	2.1	0.6	--	0.4	1.5
Clothing stores	4481	2.7	0.9	--	0.6	1.9
Sporting goods, hobby, book, and music stores	451	1.1	0.9	--	0.6	--
General merchandise stores	452	3.8	2.5	0.9	1.7	1.2
Miscellaneous store retailers	453	4.0	2.0	0.6	1.4	2.0
Nonstore retailers	454	1.8	1.0	0.8	--	0.8
Transportation and warehousing⁸		5.5	4.0	2.2	1.8	1.5
Air transportation	481	4.1	3.2	2.9	0.2	0.9
Rail transportation ⁸	482	2.2	1.8	1.7	--	--
Truck transportation	484	5.6	4.3	2.2	2.1	1.4
General freight trucking	4841	5.1	3.7	2.3	1.4	1.4
Specialized freight trucking	4842	7.4	6.3	1.8	--	1.1
Transit and ground passenger transportation	485	6.4	5.3	3.8	1.5	1.1
Support activities for transportation	488	6.2	4.1	1.6	2.5	2.1
Couriers and messengers	492	6.5	5.0	2.9	2.1	1.5

See footnotes at end of table.

Table 6. Incidence rates¹ of nonfatal occupational injuries and illnesses by industry and case type, Michigan, 2014

Industry ²	NAICS code ³	Total recordable cases	Cases with days away from work, job transfer, or restriction			Other recordable cases
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Couriers and express delivery services	4921	6.5	4.7	2.4	2.3	1.8
Warehousing and storage	493	4.8	3.3	1.4	1.9	1.5
Utilities		1.4	0.9	0.4	0.5	0.5
Utilities	221	1.4	0.9	0.4	0.5	0.5
Electric power generation, transmission and distribution	2211	1.3	0.8	0.4	0.4	0.5
Electric power transmission, control, and distribution	22112	1.9	1.1	0.6	0.5	0.8
Information		1.7	1.1	0.5	0.5	0.7
Information		1.7	1.1	0.5	0.5	0.7
Publishing industries (except internet)	511	0.9	0.3	0.2	--	0.7
Newspaper, periodical, book, and directory publishers	5111	1.5	0.4	0.3	--	1.1
Motion picture and sound recording industries	512	1.8	--	--	--	1.6
Telecommunications	517	3.0	2.4	1.1	1.3	0.6
Wired telecommunications carriers	5171	4.0	3.3	1.5	1.8	0.8
Finance, insurance, and real estate		2.1	0.6	0.4	0.2	1.5
Finance and insurance		1.0	0.1	0.1	--	0.8
Credit intermediation and related activities	522	1.1	0.2	0.2	--	0.9
Depository credit intermediation	5221	1.3	0.2	0.2	--	1.1
Nondepository credit intermediation	5222	0.4	--	--	--	0.3
Securities, commodity contracts, and other financial investments and related activities	523	0.5	--	--	--	0.5
Securities and commodity contracts intermediation and brokerage	5231	0.9	--	--	--	0.9
Insurance carriers and related activities	524	0.9	0.1	0.1	--	0.8
Insurance carriers	5241	0.9	0.2	0.2	--	0.7
Direct life, health, and medical insurance carriers	52411	1.2	0.2	0.2	--	0.9
Direct insurance (ex. life, health, and medical) carriers	52412	0.8	0.2	0.2	--	0.6
Other insurance related activities	52429	1.1	--	--	--	1.0

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Industry ²	NAICS code ³	Total recordable cases	Cases with days away from work, job transfer, or restriction			Other recordable cases
			Total	Cases with days away from work ⁴	Cases with job transfer or restriction	
Real estate and rental and leasing		5.6	1.9	1.3	0.6	--
Professional and business services		1.3	0.6	0.3	0.3	0.6
Professional, scientific, and technical services		0.8	0.3	0.2	0.1	0.4
Professional, scientific, and technical services	541	0.8	0.3	0.2	0.1	0.4
Architectural, engineering, and related services	5413	1.0	0.6	0.3	0.3	--
Computer systems design and related services	5415	0.2	0.1	--	--	0.1
Scientific research and development services	5417	1.3	0.7	0.3	0.4	0.6
Management of companies and enterprises		0.7	0.4	0.1	--	0.3
Administrative and support and waste management and remediation services		2.4	1.2	0.7	0.6	1.2
Administrative and support services	561	2.2	1.1	0.6	0.5	1.2
Business support services	5614	0.6	0.3	0.1	--	0.3
Document preparation services	56141	--	--	--	--	--
Telephone call centers	56142	0.7	--	--	--	0.6
Investigation and security services	5616	2.8	1.2	1.0	0.2	1.6
Investigation, guard, and armored car services	56161	2.5	1.3	1.2	--	1.3
Services to buildings and dwellings	5617	3.0	1.8	1.0	0.8	1.3
Waste management and remediation services	562	3.7	2.6	1.3	1.2	1.1
Educational and health services		5.0	2.3	1.2	1.2	2.6
Educational services		1.5	0.6	0.4	0.2	0.9
Educational services	611	1.5	0.6	0.4	0.2	0.9
Elementary and secondary schools	6111	2.0	0.8	0.5	0.3	1.2
Colleges, universities, and professional schools	6113	1.4	0.6	0.4	0.2	0.7

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Health care and social assistance		5.3	2.5	1.2	1.3	2.8
Ambulatory health care services	621	2.6	1.2	0.9	0.3	1.4
Offices of physicians	6211	1.4	0.4	0.3	0.2	1.0
Offices of other health practitioners	6213	0.4	0.2	0.1	0.1	0.1
Outpatient care centers	6214	2.4	0.9	0.6	0.3	1.5
Home health care services	6216	5.7	2.5	1.9	0.6	3.2
Hospitals	622	7.0	2.6	1.4	1.2	4.4
General medical and surgical hospitals	6221	7.0	2.6	1.3	1.2	4.5
Nursing and residential care facilities	623	7.8	4.8	1.8	3.0	3.1
Nursing care facilities (skilled nursing facilities)	6231	9.2	5.7	2.5	3.3	3.5
Residential intellectual and developmental disability, mental health, and substance abuse facilities	6232	6.0	3.0	1.0	2.1	3.0
Continuing care retirement communities and assisted living facilities for the elderly	6233	7.3	4.6	1.2	3.4	2.7
Other residential care facilities	6239	7.1	4.6	1.8	2.8	2.5
Social assistance	624	4.0	2.6	1.1	1.5	1.4
Individual and family services	6241	4.7	3.1	1.1	--	1.7
Vocational rehabilitation services	6243	4.8	3.4	1.3	2.1	1.4
Child day care services	6244	1.7	1.3	0.9	0.5	0.4
Leisure, entertainment, and hospitality		3.4	1.3	0.8	0.5	2.1
Arts, entertainment, and recreation		2.7	1.2	0.8	0.4	1.5
Performing arts, spectator sports, and related industries	711	2.5	1.1	0.7	0.3	1.4
Amusement, gambling, and recreation industries	713	2.3	1.0	0.7	0.3	1.3
Accommodation and food services		3.5	1.3	0.8	0.5	2.2
Accommodation	721	5.4	2.8	1.0	1.9	2.6
Traveler accommodation	7211	5.5	2.8	0.9	1.9	2.7
Hotels (except casino hotels) and motels	72111	6.0	2.4	0.9	1.4	3.6
Casino hotels	72112	4.7	3.6	0.9	2.7	1.1
Food services and drinking places	722	3.1	1.0	0.7	0.2	2.1
Drinking places (alcoholic beverages)	7224	1.2	0.7	--	--	--

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Table 6. Incidence rates¹ of nonfatal occupational injuries and illnesses by industry and case types, Michigan, 2014

Industry ²	NAICS code ³	Total recordable cases	Cases with days away from work, job transfer, or restriction			Other recordable cases
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Restaurants and other eating places	7225	3.2	0.9	0.7	0.2	2.3
Restaurants and other eating places	72251	3.2	0.9	0.7	0.2	2.3
Full-service restaurants	722511	3.1	0.7	0.6	0.1	2.4
Snack and nonalcoholic beverage bars	722515	4.6	0.5	0.3	--	4.1
Personal and laundry services	812	1.6	0.6	0.4	0.2	0.9
Religious, grantmaking, civic, professional, and similar organizations	813	1.8	0.7	0.5	0.3	1.1
State and local government⁵		5.0	2.8	1.8	1.0	2.2
State government⁵		5.8	3.9	2.5	1.3	1.9
Service-providing		5.8	3.9	2.5	1.3	1.9
Educational and health services		6.8	4.4	2.8	1.7	2.3
Educational services		2.9	0.9	0.4	0.5	2.0
Educational services	611	2.9	0.9	0.4	0.5	2.0
Nursing and residential care facilities	623	9.2	5.9	5.7	--	3.3
Public administration		3.0	2.3	1.9	0.4	0.7
Public administration		3.0	2.3	1.9	0.4	0.7
Justice, public order, and safety activities	922	5.6	4.1	3.3	0.8	1.5
Justice, public order, and safety activities	9221	5.6	4.1	3.3	0.8	1.5
Police protection	92212	8.2	6.9	6.3	--	--
Correctional institutions	92214	5.9	4.2	3.2	1.0	1.7
Local government⁵		4.6	2.2	1.4	0.8	2.4
Goods-producing⁵		9.0	3.3	1.9	--	5.7

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Table 6. Incidence rates¹ of nonfatal occupational injuries and illnesses by industry and case type, Michigan, 2014

Industry ²	NAICS code ³	Total recordable cases	Cases with days away from work, job transfer, or restriction			Other recordable cases
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Construction		9.0	3.3	1.9	--	5.7
Construction		9.0	3.3	1.9	--	5.7
Heavy and civil engineering construction	237	9.0	3.3	1.9	--	5.7
Highway, street, and bridge construction	2373	9.0	3.3	1.9	--	5.7
Service-providing		4.5	2.2	1.4	0.8	2.3
Trade, transportation, and utilities⁸		6.6	5.0	3.3	1.7	1.7
Transportation and warehousing⁸		5.7	4.9	3.2	1.7	0.8
Transit and ground passenger transportation	485	5.9	5.1	3.4	1.7	0.8
Utilities		9.6	5.2	3.5	1.7	4.4
Utilities	221	9.6	5.2	3.5	1.7	4.4
Water, sewage and other systems	2213	6.1	--	--	--	--
Information		4.7	2.0	--	--	2.7
Information		4.7	2.0	--	--	2.7
Educational and health services		4.1	1.6	1.1	0.6	2.5
Educational services		3.7	1.5	0.9	--	2.2
Educational services	611	3.7	1.5	0.9	--	2.2
Elementary and secondary schools	6111	3.8	1.6	1.0	--	2.3
Health care and social assistance		7.1	2.8	2.2	0.6	4.3
Hospitals	622	7.5	1.5	1.0	0.4	6.0
Nursing and residential care facilities	623	8.1	6.0	4.9	1.1	2.1

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Public administration		5.2	3.0	2.0	1.0	2.1
Public administration		5.2	3.0	2.0	1.0	2.1
Executive, legislative, and other general government support	921	5.2	3.0	2.0	1.0	2.2
Police protection	92212	--	--	--	--	--
Administration of human resource programs	923	3.6	1.9	1.6	--	1.8
Administration of environmental quality programs	924	10.5	6.6	--	6.0	3.9
Administration of housing programs, urban planning, and community development	925	6.9	6.9	6.2	--	--
Administration of economic programs	926	6.9	4.1	2.7	1.5	2.8

¹ Incidence rates represent the number of injuries and illnesses per 100 full-time workers and were calculated as: $(N/EH) \times 200,000$ where

- N = number of injuries and illnesses
- EH = total hours worked by all employees during the calendar year
- 200,000 = base for 100 equivalent full-time workers (working 40 hours per week, 50 weeks per year).

² Totals include data for industries not shown separately.

³ *North American Industry Classification System* -- United States, 2012.

⁴ Days-away-from-work cases include those that result in days away from work with or without job transfer or restriction.

⁵ Excludes farms with fewer than 11 employees.

⁶ Data for mining (Sector 21 in the *North American Industry Classification System*, 2012) include establishments not governed by the Mine Safety and Health Administration (MSHA) rules and reporting, such as those in oil and gas extraction and related support activities. Data for mining operators in coal, metal, and nonmetal mining are provided to BLS by the Mine Safety and Health Administration, U.S. Department of Labor. Independent mining contractors are excluded from the coal, metal, and nonmetal mining industries. These data do not reflect the changes the Occupational Safety and Health Administration made to its recordkeeping requirements effective January 1, 2002; therefore estimates for these industries are not comparable to estimates in other industries.

⁷ Data for mining operators in this industry are provided to BLS by the Mine Safety and Health Administration, U.S. Department of Labor. Independent mining contractors are excluded. These data do not reflect the changes the Occupational Safety and Health Administration made to its recordkeeping requirements effective January 1, 2002; therefore estimates for these industries are not comparable to estimates in other industries.

⁸ Data for employers in rail transportation are provided to BLS by the Federal Railroad Administration, U.S. Department of Transportation.

⁹ Data too small to be displayed.

NOTE: Because of rounding, components may not add to totals. Dash indicates data do not meet publication guidelines.

SOURCE: U.S. Bureau of Labor Statistics, U.S. Department of Labor, Survey of Occupational Injuries and Illnesses in cooperation with participating state agencies.