

TABLE 1. Incidence rates¹ of nonfatal occupational injuries and illnesses by industry and case types, Michigan, 2015

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		3.4	1.6	0.9	0.8	1.7
Private industry⁵		3.3	1.6	0.8	0.8	1.7
Goods-producing⁵		4.4	2.2	1.1	1.1	2.2
Natural resources and mining^{5,6}		4.6	2.5	1.6	0.9	2.1
Agriculture, forestry, fishing and hunting⁵	11	4.8	2.6	1.6	1.0	2.2
Crop production ⁵	111	4.7	2.8	2.2	-	1.9
Animal production and aquaculture ⁵	112	5.7	2.5	1.4	1.0	3.3
Mining, quarrying, and oil and gas extraction⁶	21	3.7	2.2	1.8	0.4	1.5
Construction		4.1	1.7	1.4	0.3	2.4
Construction	23	4.1	1.7	1.4	0.3	2.4
Construction of buildings	236	3.4	1.2	1.2	-	2.2
Nonresidential building construction	2362	2.5	0.5	0.5	-	2.0
Heavy and civil engineering construction.....	237	3.6	2.0	-	0.4	-
Specialty trade contractors	238	4.4	1.8	1.4	0.4	2.6
Foundation, structure, and building exterior contractors.....	2381	4.2	2.8	2.7	-	1.4
Building equipment contractors	2382	2.8	1.2	0.7	0.5	1.7
Manufacturing		4.5	2.3	1.0	1.3	2.2
Manufacturing	31-33	4.5	2.3	1.0	1.3	2.2
Food manufacturing.....	311	4.9	2.7	1.2	1.6	2.1
Fruit and vegetable preserving and specialty food manufacturing.....	3114	5.1	2.6	1.2	1.5	2.4
Bakeries and tortilla manufacturing.....	3118	3.7	2.4	1.1	1.2	1.3
Beverage and tobacco product manufacturing.....	312	6.1	4.4	1.2	3.3	1.6

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Beverage manufacturing	3121	6.1	4.4	1.2	3.3	1.6
Wood product manufacturing.....	321	10.0	5.1	2.7	2.4	4.9
Paper manufacturing	322	3.2	2.1	1.1	1.0	1.1
Printing and related support activities	323	2.2	1.4	0.7	0.7	0.9
Chemical manufacturing.....	325	2.0	1.0	0.4	0.6	0.9
Resin, synthetic rubber, and artificial synthetic fibers and filaments manufacturing.....	3252	1.5	0.8	0.3	0.6	0.7
Pharmaceutical and medicine manufacturing	3254	1.7	1.0	0.6	0.4	0.7
Plastics and rubber products manufacturing.....	326	4.6	2.8	1.0	1.8	1.8
Nonmetallic mineral product manufacturing.....	327	3.2	2.0	1.1	0.9	1.2
Primary metal manufacturing.....	331	5.1	2.4	1.0	1.3	2.8
Iron and steel mills and ferroalloy manufacturing.....	3311	3.3	2.2	0.6	1.6	1.1
Foundries.....	3315	5.7	2.1	1.0	1.1	3.6
Fabricated metal product manufacturing.....	332	5.6	2.5	1.5	1.0	3.1
Architectural and structural metals manufacturing	3323	9.7	4.0	3.1	1.0	5.7
Machine shops; turned product; and screw, nut, and bolt manufacturing	3327	5.6	2.4	1.5	0.8	3.2
Coating, engraving, heat treating, and allied activities	3328	4.3	2.3	1.4	0.9	2.1
Other fabricated metal product manufacturing	3329	4.1	2.3	1.0	1.3	1.8
Machinery manufacturing	333	4.2	2.0	0.8	1.3	2.2
Industrial machinery manufacturing	3332	4.7	1.7	1.1	0.6	2.9
Metalworking machinery manufacturing.....	3335	4.7	2.7	0.9	1.7	2.0
Other general purpose machinery manufacturing	3339	2.9	1.3	0.4	0.9	1.7
Computer and electronic product manufacturing.....	334	1.0	0.5	0.3	0.2	0.5

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Semiconductor and other electronic component manufacturing	3344	1.3	0.3	-	0.2	0.9
Navigational, measuring, electromedical, and control instruments manufacturing	3345	0.9	0.6	-	0.2	0.2
Electrical equipment, appliance, and component manufacturing	335	2.0	1.0	0.5	0.5	1.0
Transportation equipment manufacturing	336	5.2	2.7	1.0	1.7	2.5
Motor vehicle manufacturing	3361	6.2	3.1	1.2	1.9	3.2
Motor vehicle body and trailer manufacturing	3362	6.7	3.7	1.2	2.6	2.9
Motor vehicle parts manufacturing	3363	4.9	2.6	0.9	1.7	2.3
Furniture and related product manufacturing	337	4.1	2.2	1.0	1.3	1.8
Household and institutional furniture and kitchen cabinet manufacturing	3371	5.3	2.5	1.3	1.2	2.7
Office furniture (including fixtures) manufacturing	3372	3.8	2.2	0.9	1.3	1.6
Miscellaneous manufacturing	339	2.9	1.6	0.8	0.8	1.3
Medical equipment and supplies manufacturing	3391	2.4	1.3	0.5	0.8	1.1
Other miscellaneous manufacturing	3399	3.5	1.9	1.1	0.8	1.6
Service-providing		3.0	1.4	0.8	0.7	1.5
Trade, transportation, and utilities⁷		3.2	1.9	1.0	0.9	1.3
Wholesale trade	42	2.8	1.6	0.8	0.8	1.2
Merchant wholesalers, durable goods	423	2.4	1.1	0.5	0.5	1.4
Merchant wholesalers, nondurable goods	424	3.6	2.7	1.2	1.5	1.0
Wholesale electronic markets and agents and brokers	425	2.3	1.3	0.8	0.5	1.0
Retail trade	44-45	3.1	1.8	0.9	0.9	1.4
Motor vehicle and parts dealers	441	3.8	1.5	0.8	0.7	2.3
Automobile dealers	4411	3.5	1.2	0.9	0.3	2.3

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TABLE 1. Incidence rates¹ of nonfatal occupational injuries and illnesses by industry and case types, Michigan, 2015 -- Continued

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	
Automotive parts, accessories, and tire stores.....	4413	4.4	1.9	0.5	1.4	2.5
Furniture and home furnishings stores.....	442	5.0	3.2	2.0	1.2	1.8
Building material and garden equipment and supplies dealers.....	444	5.2	3.3	1.5	1.8	2.0
Food and beverage stores.....	445	3.7	2.4	1.4	1.0	1.3
Grocery stores.....	4451	3.8	2.3	1.1	1.2	1.5
Gasoline stations.....	447	1.2	0.6	0.6	-	0.6
Clothing and clothing accessories stores.....	448	1.6	0.8	-	0.4	0.8
General merchandise stores.....	452	3.4	2.3	0.9	1.4	1.2
Miscellaneous store retailers.....	453	1.9	0.6	0.5	0.1	1.3
Nonstore retailers.....	454	2.3	2.1	-	-	-
Transportation and warehousing⁷	48-49	4.7	3.3	2.1	1.2	1.4
Air transportation.....	481	3.5	2.7	2.6	0.2	0.8
Truck transportation.....	484	5.6	4.1	2.6	1.5	1.5
Transit and ground passenger transportation.....	485	7.0	4.4	3.4	1.0	2.6
Support activities for transportation.....	488	3.3	1.9	0.8	1.1	1.4
Couriers and messengers.....	492	4.8	3.6	2.1	1.6	1.2
Warehousing and storage.....	493	3.5	2.4	1.0	1.4	1.1
Utilities	22	0.9	0.6	0.3	0.3	0.3
Utilities.....	221	0.9	0.6	0.3	0.3	0.3
Electric power generation, transmission and distribution.....	2211	0.9	0.6	0.3	0.3	0.4
Electric power transmission, control, and distribution.....	22112	1.0	0.7	0.4	-	0.3
Natural gas distribution.....	2212	0.8	0.7	-	-	-

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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
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Information		1.4	0.9	0.4	0.5	0.5
Information	51	1.4	0.9	0.4	0.5	0.5
Publishing industries (except internet)	511	1.4	0.6	0.6	-	0.8
Telecommunications.....	517	2.0	1.7	0.4	1.3	0.3
Finance, insurance, and real estate		1.3	0.6	0.3	0.3	0.8
Finance and insurance.....	52	0.5	0.1	0.1	-	0.4
Insurance carriers and related activities.....	524	0.4	0.1	0.1	-	0.3
Real estate and rental and leasing	53	3.6	1.9	1.0	0.9	1.7
Real estate.....	531	2.9	1.5	0.8	0.6	1.4
Rental and leasing services.....	532	5.8	3.2	1.4	1.8	2.7
Professional and business services		1.5	0.7	0.5	0.2	0.8
Professional, scientific, and technical services	54	0.8	0.4	0.3	0.1	0.4
Management of companies and enterprises	55	0.8	0.2	0.2	0.1	0.5
Administrative and support and waste management and remediation services ...	56	3.2	1.6	1.0	0.6	1.6
Administrative and support services	561	2.9	1.3	0.9	0.4	1.6
Services to buildings and dwellings	5617	5.2	2.2	1.6	0.6	3.0
Waste management and remediation services	562	5.5	4.0	1.7	2.3	1.5
Educational and health services		4.6	1.9	0.9	1.0	2.7
Educational services.....	61	0.8	0.3	0.2	0.1	0.6
Educational services.....	611	0.8	0.3	0.2	0.1	0.6
Elementary and secondary schools	6111	1.0	0.3	0.2	0.1	0.7
Colleges, universities, and professional schools.....	6113	1.2	0.4	0.3	0.1	0.8

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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
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Health care and social assistance	62	5.1	2.1	1.0	1.1	3.0
Ambulatory health care services.....	621	2.3	0.9	0.6	0.4	1.4
Hospitals.....	622	6.9	2.3	1.1	1.2	4.6
Nursing and residential care facilities.....	623	7.8	4.1	1.6	2.5	3.7
Social assistance.....	624	3.4	1.7	0.7	0.9	1.7
Leisure, entertainment, and hospitality		3.5	1.3	0.7	0.7	2.1
Arts, entertainment, and recreation	71	-	-	-	-	-
Amusement, gambling, and recreation industries.....	713	3.7	1.3	1.0	0.3	2.4
Accommodation and food services	72	3.0	1.1	0.6	0.5	1.9
Accommodation.....	721	4.4	2.6	0.9	1.7	1.9
Food services and drinking places.....	722	2.7	0.8	0.6	0.3	1.9
Other services (except public administration)		2.3	1.0	0.6	0.4	1.3
Other services (except public administration)	81	2.3	1.0	0.6	0.4	1.3
Repair and maintenance.....	811	1.3	0.7	0.4	0.2	0.6
Personal and laundry services.....	812	1.1	0.9	0.2	0.6	0.3
Religious, grantmaking, civic, professional, and similar organizations.....	813	-	1.5	-	0.3	-
State and local government⁵		3.7	1.8	1.2	0.6	1.9
State government⁵		2.9	1.5	0.9	0.6	1.4
Service-providing		2.9	1.5	0.9	0.6	1.4
Educational and health services		2.9	1.3	0.7	0.6	1.6
Educational services	61	2.2	0.9	0.4	0.5	1.3
Educational services.....	611	2.2	0.9	0.4	0.5	1.3
Health care and social assistance	62	5.3	2.6	1.6	1.0	2.7

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Hospitals	622	6.7	3.2	1.8	1.4	3.5
Nursing and residential care facilities.....	623	11.3	8.3	7.9	-	3.0
Public administration		3.1	2.0	1.4	0.6	1.1
Public administration	92	3.1	2.0	1.4	0.6	1.1
Justice, public order, and safety activities	922	5.0	3.1	2.0	1.1	1.9
Justice, public order, and safety activities	9221	5.0	3.1	2.0	1.1	1.9
Police protection.....	92212	5.8	3.9	2.2	-	1.9
Correctional institutions	92214	5.4	3.2	2.3	0.9	2.2
Local government ⁵		4.1	2.0	1.4	0.6	2.1
Goods-producing ⁵		6.8	4.0	3.9	-	2.8
Construction		6.8	4.0	3.9	-	2.8
Construction	23	6.8	4.0	3.9	-	2.8
Heavy and civil engineering construction.....	237	6.8	4.0	3.9	-	2.8
Highway, street, and bridge construction.....	2373	6.8	4.0	3.9	-	2.8
Service-providing		4.0	1.9	1.3	0.6	2.1
Trade, transportation, and utilities ⁷		5.7	4.0	3.5	0.5	1.7
Transportation and warehousing ⁷	48-49	4.8	4.0	3.8	-	0.9
Transit and ground passenger transportation.....	485	4.8	3.9	3.9	-	0.9
Utilities	22	8.1	4.4	2.9	1.5	3.7
Utilities	221	8.1	4.4	2.9	1.5	3.7
Water, sewage and other systems.....	2213	6.4	-	-	-	-
Educational and health services		3.6	1.5	1.0	0.5	2.0

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Educational services	61	2.7	1.2	0.8	0.4	-
Educational services.....	611	2.7	1.2	0.8	0.4	-
Elementary and secondary schools.....	6111	2.8	1.1	0.8	0.3	-
Health care and social assistance	62	9.3	3.9	2.7	1.2	5.4
Hospitals.....	622	7.9	2.3	1.5	0.8	5.7
Nursing and residential care facilities.....	623	11.9	6.4	5.1	1.4	-
Public administration		4.7	2.5	1.8	0.7	2.3
Public administration	92	4.7	2.5	1.8	0.7	2.3
Executive, legislative, and other general government support.....	921	4.7	2.5	1.8	0.7	2.2
Justice, public order, and safety activities.....	922	-	-	-	-	-
Justice, public order, and safety activities.....	9221	-	-	-	-	-
Courts.....	92211	-	-	-	-	-
Administration of human resource programs.....	923	5.4	2.1	1.6	0.6	3.3
Administration of environmental quality programs.....	924	4.7	2.3	-	1.5	2.4
Administration of housing programs, urban planning, and community development.....	925	-	-	-	-	-
Administration of economic programs.....	926	6.1	4.6	3.3	1.2	1.5

¹ The incidence rates represent the number of injuries and illnesses per 100 full-time workers and were calculated as: (N/EH) x 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 -- United States, 2012*) include establishments not governed by the Mine Safety and Health Administration 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 employers in railroad transportation are provided to BLS by the Federal Railroad Administration, U.S. Department of Transportation.

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