

**TABLE 1. Incidence rates<sup>1</sup> of nonfatal occupational injuries and illnesses by industry and case types, Michigan, 2015**

Industry <sup>2</sup>	NAICS code <sup>3</sup>	Total recordable cases	Cases with days away from work, job transfer, or restriction			Other recordable cases
			Total	Cases with days away from work <sup>4</sup>	Cases with job transfer or restriction	
<b>All industries including state and local government<sup>5</sup></b> .....		3.4	1.6	0.9	0.8	1.7
<b>Private industry<sup>5</sup></b> .....		3.3	1.6	0.8	0.8	1.7
<b>Goods-producing<sup>5</sup></b> .....		4.4	2.2	1.1	1.1	2.2
<b>Natural resources and mining<sup>5,6</sup></b> .....		4.6	2.5	1.6	0.9	2.1
<b>Agriculture, forestry, fishing and hunting<sup>5</sup></b> .....	11	4.8	2.6	1.6	1.0	2.2
Crop production <sup>5</sup> .....	111	4.7	2.8	2.2	-	1.9
Animal production and aquaculture <sup>5</sup> .....	112	5.7	2.5	1.4	1.0	3.3
<b>Mining, quarrying, and oil and gas extraction<sup>6</sup></b> .....	21	3.7	2.2	1.8	0.4	1.5
<b>Construction</b> .....		4.1	1.7	1.4	0.3	2.4
<b>Construction</b> .....	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
<b>Manufacturing</b> .....		4.5	2.3	1.0	1.3	2.2
<b>Manufacturing</b> .....	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

See footnotes at end of table.

**TABLE 1. Incidence rates<sup>1</sup> of nonfatal occupational injuries and illnesses by industry and case types, Michigan, 2015 -- Continued**

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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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			Total	Cases with days away from work <sup>4</sup>	Cases with job transfer or restriction	
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
<b>Service-providing</b> .....		3.0	1.4	0.8	0.7	1.5
<b>Trade, transportation, and utilities<sup>7</sup></b> .....		3.2	1.9	1.0	0.9	1.3
<b>Wholesale trade</b> .....	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
<b>Retail trade</b> .....	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 rates<sup>1</sup> of nonfatal occupational injuries and illnesses by industry and case types, Michigan, 2015 -- Continued**

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			Total	Cases with days away from work <sup>4</sup>	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	-	-	-
<b>Transportation and warehousing<sup>7</sup></b> .....	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
<b>Utilities</b> .....	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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			Total	Cases with days away from work <sup>4</sup>	Cases with job transfer or restriction	
<b>Information .....</b>		1.4	0.9	0.4	0.5	0.5
<b>Information .....</b>	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
<b>Finance, insurance, and real estate .....</b>		1.3	0.6	0.3	0.3	0.8
<b>Finance and insurance.....</b>	52	0.5	0.1	0.1	-	0.4
Insurance carriers and related activities.....	524	0.4	0.1	0.1	-	0.3
<b>Real estate and rental and leasing .....</b>	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
<b>Professional and business services .....</b>		1.5	0.7	0.5	0.2	0.8
<b>Professional, scientific, and technical services .....</b>	54	0.8	0.4	0.3	0.1	0.4
<b>Management of companies and enterprises .....</b>	55	0.8	0.2	0.2	0.1	0.5
<b>Administrative and support and waste management and remediation services .....</b>	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
<b>Educational and health services .....</b>		4.6	1.9	0.9	1.0	2.7
<b>Educational services.....</b>	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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			Total	Cases with days away from work <sup>4</sup>	Cases with job transfer or restriction	
<b>Health care and social assistance</b> .....	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
<b>Leisure, entertainment, and hospitality</b> .....		3.5	1.3	0.7	0.7	2.1
<b>Arts, entertainment, and recreation</b> .....	71	-	-	-	-	-
Amusement, gambling, and recreation industries.....	713	3.7	1.3	1.0	0.3	2.4
<b>Accommodation and food services</b> .....	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
<b>Other services (except public administration)</b> .....		2.3	1.0	0.6	0.4	1.3
<b>Other services (except public administration)</b> .....	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	-
<b>State and local government<sup>5</sup></b> .....		3.7	1.8	1.2	0.6	1.9
<b>State government<sup>5</sup></b> .....		2.9	1.5	0.9	0.6	1.4
<b>Service-providing</b> .....		2.9	1.5	0.9	0.6	1.4
<b>Educational and health services</b> .....		2.9	1.3	0.7	0.6	1.6
<b>Educational services</b> .....	61	2.2	0.9	0.4	0.5	1.3
Educational services.....	611	2.2	0.9	0.4	0.5	1.3
<b>Health care and social assistance</b> .....	62	5.3	2.6	1.6	1.0	2.7

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			Total	Cases with days away from work <sup>4</sup>	Cases with job transfer or restriction	
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
<b>Public administration</b> .....		3.1	2.0	1.4	0.6	1.1
<b>Public administration</b> .....	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
<b>Local government<sup>5</sup></b> .....		4.1	2.0	1.4	0.6	2.1
<b>Goods-producing<sup>5</sup></b> .....		6.8	4.0	3.9	-	2.8
<b>Construction</b> .....		6.8	4.0	3.9	-	2.8
<b>Construction</b> .....	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
<b>Service-providing</b> .....		4.0	1.9	1.3	0.6	2.1
<b>Trade, transportation, and utilities<sup>7</sup></b> .....		5.7	4.0	3.5	0.5	1.7
<b>Transportation and warehousing<sup>7</sup></b> .....	48-49	4.8	4.0	3.8	-	0.9
Transit and ground passenger transportation.....	485	4.8	3.9	3.9	-	0.9
<b>Utilities</b> .....	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	-	-	-	-
<b>Educational and health services</b> .....		3.6	1.5	1.0	0.5	2.0

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<b>Educational services</b> .....	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	-
<b>Health care and social assistance</b> .....	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	-
<b>Public administration</b> .....		4.7	2.5	1.8	0.7	2.3
<b>Public administration</b> .....	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

<sup>1</sup> 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)

<sup>2</sup> Totals include data for industries not shown separately.

<sup>3</sup> *North American Industry Classification System* -- United States, 2012

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

<sup>5</sup> Excludes farms with fewer than 11 employees.

<sup>6</sup> 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.

<sup>7</sup> 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