

**Table 8. Incidence rates<sup>1</sup> of nonfatal occupational illnesses by selected industries and category of illness, Ohio, 2015**

Industry <sup>2</sup>	NAICS code <sup>3</sup>	Incidence rates per 10,000 full-time workers <sup>1</sup>					
		Total cases	Skin disorders	Respiratory conditions	Poisonings	Hearing loss	All other illnesses
<b>All industries including state and local government<sup>4</sup></b>		11.4	1.3	--	0.1	2.5	5.7
<b>Private industry<sup>4</sup></b>		12.3	1.4	--	0.1	2.5	6.3
<b>Goods-producing<sup>4</sup></b>		19.8	3.1	1.2	( <sup>5</sup> )	9.0	6.5
<b>Natural resources and mining<sup>4,6</sup></b>		--	--	--	--	--	--
<b>Agriculture, forestry, fishing and hunting<sup>4</sup></b>		( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )
Crop production <sup>4</sup>	111	( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )
Animal production and aquaculture <sup>4</sup>	112	( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )
<b>Mining, quarrying, and oil and gas extraction<sup>6</sup></b>		( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )
<b>Construction</b>		--	--	( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )
<b>Construction</b>		--	--	( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )
Specialty trade contractors	238	--	--	( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )
<b>Manufacturing</b>		24.8	3.0	1.5	( <sup>5</sup> )	11.8	8.5
<b>Manufacturing</b>		24.8	3.0	1.5	( <sup>5</sup> )	11.8	8.5
Food manufacturing	311	9.8	--	--	( <sup>5</sup> )	4.2	3.7
Beverage and tobacco product manufacturing	312	--	( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )	--	( <sup>5</sup> )
Wood product manufacturing	321	--	--	( <sup>5</sup> )	( <sup>5</sup> )	--	( <sup>5</sup> )
Paper manufacturing	322	29.5	( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )	26.1	--
Printing and related support activities	323	--	--	( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )
Chemical manufacturing	325	7.8	( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )	--
Plastics and rubber products manufacturing	326	--	( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )	--
Nonmetallic mineral product manufacturing	327	24.7	--	( <sup>5</sup> )	( <sup>5</sup> )	10.7	( <sup>5</sup> )
Primary metal manufacturing	331	63.8	( <sup>5</sup> )	4.2	( <sup>5</sup> )	54.0	4.7
Fabricated metal product manufacturing	332	19.8	5.0	--	( <sup>5</sup> )	--	1.6
Machinery manufacturing	333	16.9	3.5	--	( <sup>5</sup> )	6.3	5.6
Computer and electronic product manufacturing	334	( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )
Electrical equipment, appliance, and component manufacturing	335	15.1	( <sup>5</sup> )	--	( <sup>5</sup> )	11.6	( <sup>5</sup> )
Transportation equipment manufacturing	336	51.3	4.5	( <sup>5</sup> )	( <sup>5</sup> )	13.6	32.6
Miscellaneous manufacturing	339	--	( <sup>5</sup> )	--	( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )
<b>Service-providing</b>		9.9	0.8	--	0.2	0.4	6.3
<b>Trade, transportation, and utilities<sup>8</sup></b>		6.5	0.6	( <sup>5</sup> )	0.2	1.2	4.3
<b>Wholesale trade</b>		--	--	( <sup>5</sup> )	( <sup>5</sup> )	--	--
Merchant wholesalers, durable goods	423	--	--	( <sup>5</sup> )	( <sup>5</sup> )	--	--
Merchant wholesalers, nondurable goods	424	( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )
<b>Retail trade</b>		6.0	0.6	--	--	--	4.9
Motor vehicle and parts dealers	441	4.6	--	( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )	--
Building material and garden equipment and supplies dealers	444	4.1	( <sup>5</sup> )	( <sup>5</sup> )	--	( <sup>5</sup> )	--
Food and beverage stores	445	--	( <sup>5</sup> )	--	( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )
Health and personal care stores	446	( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )
Gasoline stations	447	( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )
Clothing and clothing accessories stores	448	( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )
Sporting goods, hobby, book, and music stores	451	( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )
General merchandise stores	452	16.1	( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )	--	13.8
<b>Transportation and warehousing<sup>8</sup></b>		7.9	1.4	--	--	1.3	4.5
Air transportation	481	17.4	( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )	--
Rail transportation <sup>8</sup>	482	( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )
Truck transportation	484	--	--	( <sup>5</sup> )	--	( <sup>5</sup> )	( <sup>5</sup> )
Transit and ground passenger transportation	485	--	--	--	( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )
Couriers and messengers	492	24.1	( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )	--	--
Warehousing and storage	493	10.8	--	( <sup>5</sup> )	( <sup>5</sup> )	--	5.3
<b>Utilities</b>		41.3	( <sup>5</sup> )	--	( <sup>5</sup> )	38.9	( <sup>5</sup> )
Utilities	221	41.3	( <sup>5</sup> )	--	( <sup>5</sup> )	38.9	( <sup>5</sup> )
<b>Information</b>		--	--	--	--	--	--
<b>Information</b>		--	--	--	--	--	--
Publishing industries (except internet)	511	( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )
<b>Finance, insurance, and real estate</b>		1.1	( <sup>5</sup> )	--	( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )
<b>Finance and insurance</b>		( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )
Credit intermediation and related activities	522	( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )
Insurance carriers and related activities	524	( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )
<b>Real estate and rental and leasing</b>		--	( <sup>5</sup> )	--	( <sup>5</sup> )	( <sup>5</sup> )	--
<b>Professional and business services</b>		--	0.4	--	--	--	--
<b>Management of companies and enterprises</b>		3.1	( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )	--	( <sup>5</sup> )
<b>Educational and health services</b>		17.3	1.6	3.3	( <sup>5</sup> )	( <sup>5</sup> )	12.2
<b>Educational services</b>		( <sup>5</sup> )	( <sup>5</sup> )	--	( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )
<b>Health care and social assistance</b>		19.3	1.7	3.7	( <sup>5</sup> )	( <sup>5</sup> )	13.5
Ambulatory health care services	621	4.4	--	( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )	4.0
Hospitals	622	38.3	1.9	10.4	( <sup>5</sup> )	( <sup>5</sup> )	25.2

Nursing and residential care facilities	623	14.5	2.9	--	( <sup>5</sup> )	( <sup>5</sup> )	10.8
<b>Leisure, entertainment, and hospitality</b>		3.1	0.7	( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )	2.4
<b>Arts, entertainment, and recreation</b>		7.9	( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )	5.5
Performing arts, spectator sports, and related industries	711	( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )
Museums, historical sites, and similar institutions	712	( <sup>5</sup> )	--	( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )
Amusement, gambling, and recreation industries	713	6.8	( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )	5.5
<b>Accommodation and food services</b>		2.3	--	( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )	--
Accommodation	721	--	--	( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )	--
Food services and drinking places	722	--	--	( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )	--
<b>Other services (except public administration)</b>		--	--	--	( <sup>5</sup> )	( <sup>5</sup> )	--
<b>Other services (except public administration)</b>		--	--	--	( <sup>5</sup> )	( <sup>5</sup> )	--
<b>State and local government<sup>4</sup></b>		4.3	( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )	--	1.4
<b>State government<sup>4</sup></b>		2.3	( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )
<b>Service-providing</b>		2.3	( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )
<b>Educational and health services</b>		4.0	( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )
<b>Educational services</b>		4.6	( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )
Educational services	611	4.6	( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )
<b>Health care and social assistance</b>		--	--	--	--	--	--
Hospitals	622	( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )
<b>Local government<sup>4</sup></b>		4.9	--	( <sup>5</sup> )	( <sup>5</sup> )	--	1.5
<b>Service-providing</b>		5.0	--	( <sup>5</sup> )	( <sup>5</sup> )	--	1.5
<b>Trade, transportation, and utilities<sup>8</sup></b>		27.8	( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )	18.1	( <sup>5</sup> )
<b>Transportation and warehousing<sup>8</sup></b>		31.7	( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )
Transit and ground passenger transportation	485	33.5	( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )
<b>Utilities</b>		23.9	( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )	23.9	( <sup>5</sup> )
Utilities	221	23.9	( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )	23.9	( <sup>5</sup> )
<b>Educational and health services</b>		( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )
<b>Educational services</b>		( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )
Educational services	611	( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )
<b>Health care and social assistance</b>		( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )
Hospitals	622	( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )
Nursing and residential care facilities	623	( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )
<b>Public administration</b>		--	--	--	--	--	--
<b>Public administration</b>		--	--	--	--	--	--

<sup>1</sup> Incidence rates represent the number of illnesses per 10,000 full-time workers and were calculated as:  $(N/EH) \times 20,000,000$  where  
N = number of illnesses  
EH = total hours worked by all employees during the calendar year  
20,000,000 = base for 10,000 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> Excludes farms with fewer than 11 employees.

<sup>5</sup> Data too small to be displayed.

<sup>6</sup> Data for mining (Sector 21 in the *North American Industry Classification System*, 2012 edition) 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.

<sup>7</sup> 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.

<sup>8</sup> Data for employers in rail 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, Survey of Occupational Injuries and Illnesses in cooperation with participating state agencies, October 25, 2016