

**Table 8. Incidence rates<sup>1</sup> of nonfatal occupational illnesses by selected industries and category of illness, Pennsylvania, 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>		16.7	2.8	2.2	( <sup>5</sup> )	1.5	10.2
<b>Private industry<sup>4</sup></b>		14.0	2.9	1.0	( <sup>5</sup> )	1.7	8.4
<b>Goods-producing<sup>4</sup></b>		21.8	2.9	1.5	( <sup>5</sup> )	7.3	10.0
<b>Natural resources and mining<sup>4,6</sup></b>		--	--	( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )
<b>Agriculture, forestry, fishing and hunting<sup>4</sup></b>		--	--	( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )	--
Crop production <sup>4</sup>	111	--	--	( <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> )
Support activities for agriculture and forestry	115	( <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> )
Mining (except oil and gas) <sup>7</sup>	212	( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )
Support activities for mining	213	( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )
<b>Construction</b>		8.7	1.2	( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )	7.5
<b>Construction</b>		8.7	1.2	( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )	7.5
Construction of buildings	236	11.4	--	( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )	--
Heavy and civil engineering construction	237	--	( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )	--
Specialty trade contractors	238	6.6	1.3	( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )	5.3
<b>Manufacturing</b>		26.9	2.2	2.1	( <sup>5</sup> )	10.8	11.9
<b>Manufacturing</b>		26.9	2.2	2.1	( <sup>5</sup> )	10.8	11.9
Food manufacturing	311	70.7	--	( <sup>5</sup> )	( <sup>5</sup> )	23.9	43.9
Beverage and tobacco product manufacturing	312	( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )

See footnotes at end of table.

**Table 8. Incidence rates<sup>1</sup> of nonfatal occupational illnesses by selected industries and category of illness, Pennsylvania, 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
Textile product mills	314	( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )
Apparel manufacturing	315	( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )
Wood product manufacturing	321	14.3	( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )	10.1	--
Paper manufacturing	322	16.9	( <sup>5</sup> )	--	( <sup>5</sup> )	8.1	--
Printing and related support activities	323	22.2	--	( <sup>5</sup> )	( <sup>5</sup> )	13.7	--
Petroleum and coal products manufacturing	324	( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )
Chemical manufacturing	325	17.4	--	--	( <sup>5</sup> )	( <sup>5</sup> )	8.8
Plastics and rubber products manufacturing	326	34.4	( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )	21.2	10.2
Nonmetallic mineral product manufacturing	327	18.3	--	( <sup>5</sup> )	( <sup>5</sup> )	11.4	( <sup>5</sup> )
Primary metal manufacturing	331	48.5	( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )	32.5	15.5
Fabricated metal product manufacturing	332	17.8	1.9	--	( <sup>5</sup> )	11.6	--
Machinery manufacturing	333	12.9	6.9	--	( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )
Computer and electronic product manufacturing	334	( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )	--
Electrical equipment, appliance, and component manufacturing	335	--	( <sup>5</sup> )	--	( <sup>5</sup> )	( <sup>5</sup> )	10.3
Transportation equipment manufacturing	336	26.0	( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )	16.4
Furniture and related product manufacturing	337	( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )
Miscellaneous manufacturing	339	23.4	--	--	( <sup>5</sup> )	( <sup>5</sup> )	18.0
<b>Service-providing</b>		12.0	2.9	0.9	( <sup>5</sup> )	0.2	7.9
<b>Trade, transportation, and utilities<sup>8</sup></b>		8.1	1.9	0.5	( <sup>5</sup> )	0.7	5.1
<b>Wholesale trade</b>		1.2	( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )	1.1
Merchant wholesalers, durable goods	423	1.6	( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )	1.6
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>		9.6	3.5	0.7	( <sup>5</sup> )	( <sup>5</sup> )	5.4
Motor vehicle and parts dealers	441	18.9	11.4	( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )	7.6
Furniture and home furnishings stores	442	( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )
Building material and garden equipment and supplies dealers	444	5.0	--	( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )	--
Food and beverage stores	445	3.7	--	( <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> )

See footnotes at end of table.

**Table 8. Incidence rates<sup>1</sup> of nonfatal occupational illnesses by selected industries and category of illness, Pennsylvania, 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
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	24.5	3.7	( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )	19.8
Miscellaneous store retailers	453	--	--	( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )
Nonstore retailers	454	--	( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )	--
<b>Transportation and warehousing<sup>8</sup></b>		13.1	0.8	( <sup>5</sup> )	( <sup>5</sup> )	2.8	9.0
Air transportation	481	54.7	( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )	39.0	( <sup>5</sup> )
Truck transportation	484	--	( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )	--
Transit and ground passenger transportation	485	--	--	( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )
Support activities for transportation	488	--	--	( <sup>5</sup> )	( <sup>5</sup> )	--	--
Couriers and messengers	492	24.0	( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )	--	19.7
Warehousing and storage	493	8.7	( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )	7.1
<b>Utilities</b>		( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )
Utilities	221	( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )
<b>Information</b>		4.8	--	( <sup>5</sup> )	( <sup>5</sup> )	--	--
<b>Information</b>		4.8	--	( <sup>5</sup> )	( <sup>5</sup> )	--	--
Publishing industries (except internet)	511	--	( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )	--	--
Motion picture and sound recording industries	512	( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )
Broadcasting (except internet)	515	( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )
Telecommunications	517	--	--	( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )	--
Other information services	519	( <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>		--	--	( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )	2.0
<b>Finance and insurance</b>		--	--	( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )	2.5
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	4.8	( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )	4.5

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		Total cases	Skin disorders	Respiratory conditions	Poisonings	Hearing loss	All other illnesses
<b>Real estate and rental and leasing</b>		( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )
<b>Professional and business services</b>		9.2	1.4	0.4	--	--	7.2
<b>Professional, scientific, and technical services</b>		5.8	--	--	( <sup>5</sup> )	--	4.8
Professional, scientific, and technical services	541	5.8	--	--	( <sup>5</sup> )	--	4.8
<b>Management of companies and enterprises</b>		( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )
<b>Administrative and support and waste management and remediation services</b>		18.3	3.2	0.9	--	( <sup>5</sup> )	14.1
Administrative and support services	561	15.4	3.2	1.0	--	( <sup>5</sup> )	11.0
Waste management and remediation services	562	--	--	( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )	--
<b>Educational and health services</b>		20.1	5.1	2.0	( <sup>5</sup> )	( <sup>5</sup> )	12.8
<b>Educational services</b>		5.6	( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )	3.9
Educational services	611	5.6	( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )	3.9
<b>Health care and social assistance</b>		22.2	5.8	2.2	( <sup>5</sup> )	( <sup>5</sup> )	14.2
Ambulatory health care services	621	11.5	1.7	( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )	9.6
Hospitals	622	31.0	7.9	5.5	( <sup>5</sup> )	( <sup>5</sup> )	17.6
Nursing and residential care facilities	623	33.2	11.3	1.3	--	( <sup>5</sup> )	20.3
Social assistance	624	12.2	2.2	1.2	( <sup>5</sup> )	( <sup>5</sup> )	8.7
<b>Leisure, entertainment, and hospitality</b>		18.4	2.9	--	--	( <sup>5</sup> )	--
<b>Arts, entertainment, and recreation</b>		18.0	10.0	( <sup>5</sup> )	--	( <sup>5</sup> )	5.8

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		Total cases	Skin disorders	Respiratory conditions	Poisonings	Hearing loss	All other illnesses
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> )	( <sup>5</sup> )
Amusement, gambling, and recreation industries	713	20.1	10.1	( <sup>5</sup> )	--	( <sup>5</sup> )	7.5
<b>Accommodation and food services</b>		--	1.6	--	( <sup>5</sup> )	( <sup>5</sup> )	--
Accommodation	721	--	5.6	--	( <sup>5</sup> )	( <sup>5</sup> )	--
Food services and drinking places	722	7.8	--	( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )	--
<b>Other services (except public administration)</b>		1.7	--	( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )
<b>Other services (except public administration)</b>		1.7	--	( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )
Repair and maintenance	811	( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )
Religious, grantmaking, civic, professional, and similar organizations	813	--	--	( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )	--
<b>State and local government<sup>4</sup></b>		--	--	--	--	--	--
<b>State government<sup>4</sup></b>		--	--	--	--	--	--
<b>Local government<sup>4</sup></b>		--	--	--	--	--	--

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		Total cases	Skin disorders	Respiratory conditions	Poisonings	Hearing loss	All other illnesses

<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 27, 2016