

**Table 8. Incidence rates<sup>1</sup> of nonfatal occupational illnesses by selected industries and category of illness, Pennsylvania, 2013**

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>		16.9	3.7	2.1	0.1	1.8	9.2
<b>Private industry<sup>4</sup></b>		17.9	3.4	2.2	0.1	2.0	10.1
<b>Goods-producing<sup>4</sup></b>		23.7	3.4	0.8	( <sup>5</sup> )	9.1	10.4
<b>Natural resources and mining<sup>4,6</sup></b>		9.6	--	( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )	3.9
<b>Agriculture, forestry, fishing and hunting<sup>4</sup></b>		--	--	--	( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )
Crop production (scope changed in 2009) <sup>4</sup>	111	--	--	--	( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )
<b>Mining<sup>6</sup></b>		10.5	( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )	5.9
Oil and gas extraction	211	( <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	28.0	( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )	17.0
<b>Construction</b>		12.2	5.0	( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )	7.1
<b>Construction</b>		12.2	5.0	( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )	7.1
Construction of buildings	236	--	--	( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )
Heavy and civil engineering construction	237	6.5	--	( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )	5.9
Specialty trade contractors	238	14.9	--	( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )	10.2
<b>Manufacturing</b>		29.4	2.9	1.1	( <sup>5</sup> )	13.1	12.3
<b>Manufacturing</b>		29.4	2.9	1.1	( <sup>5</sup> )	13.1	12.3
Food manufacturing	311	57.0	( <sup>5</sup> )	4.8	( <sup>5</sup> )	12.4	38.6
Wood product manufacturing	321	--	( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )	--	--
Paper manufacturing	322	24.4	( <sup>5</sup> )	--	( <sup>5</sup> )	16.9	--
Printing and related support activities	323	20.0	--	( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )	13.8

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, 2013**

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
Petroleum and coal products manufacturing	324	41.6	( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )	39.8	( <sup>5</sup> )
Chemical manufacturing	325	15.2	( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )	4.5	10.6
Plastics and rubber products manufacturing (scope changed in 2009)	326	20.2	--	( <sup>5</sup> )	( <sup>5</sup> )	10.7	--
Nonmetallic mineral product manufacturing	327	37.0	9.2	--	( <sup>5</sup> )	--	( <sup>5</sup> )
Primary metal manufacturing	331	44.5	--	( <sup>5</sup> )	( <sup>5</sup> )	37.3	( <sup>5</sup> )
Fabricated metal product manufacturing	332	24.8	--	--	( <sup>5</sup> )	16.9	6.6
Machinery manufacturing (scope changed in 2009)	333	32.5	--	( <sup>5</sup> )	( <sup>5</sup> )	--	--
Computer and electronic product manufacturing	334	13.5	--	--	( <sup>5</sup> )	( <sup>5</sup> )	9.3
Electrical equipment, appliance, and component manufacturing	335	( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )
Transportation equipment manufacturing (scope changed in 2009)	336	28.3	8.7	( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )	16.0
Furniture and related product manufacturing (scope changed in 2009)	337	( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )
Miscellaneous manufacturing	339	27.2	( <sup>5</sup> )	--	( <sup>5</sup> )	( <sup>5</sup> )	21.3
<b>Service-providing</b>		16.5	3.4	2.6	0.1	0.2	10.1
<b>Trade, transportation, and utilities<sup>8</sup></b>		11.7	2.0	1.3	( <sup>5</sup> )	0.3	8.1
<b>Wholesale trade</b>		5.1	--	--	( <sup>5</sup> )	( <sup>5</sup> )	1.2
Merchant wholesalers, durable goods	423	2.2	( <sup>5</sup> )	--	( <sup>5</sup> )	( <sup>5</sup> )	--
Merchant wholesalers, nondurable goods	424	--	--	( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )	--
<b>Retail trade</b>		14.1	2.1	2.1	( <sup>5</sup> )	( <sup>5</sup> )	--
Motor vehicle and parts dealers	441	14.5	( <sup>5</sup> )	--	( <sup>5</sup> )	( <sup>5</sup> )	13.1
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	( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )
Food and beverage stores	445	3.3	--	--	( <sup>5</sup> )	( <sup>5</sup> )	--
Health and personal care stores	446	--	( <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> )
Sporting goods, hobby, book, and music stores	451	--	--	( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )
General merchandise stores	452	10.3	( <sup>5</sup> )	( <sup>5</sup> )	--	( <sup>5</sup> )	7.5
Miscellaneous store retailers	453	--	( <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, 2013**

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>Transportation and warehousing<sup>8</sup></b>		14.4	( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )	1.4	12.6
Truck transportation	484	--	( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )	--
Pipeline transportation	486	( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )
Support activities for transportation	488	--	( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )	--
Couriers and messengers	492	55.4	( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )	48.5
Warehousing and storage	493	12.2	( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )	11.5
<b>Utilities</b>		--	( <sup>5</sup> )	--	( <sup>5</sup> )	( <sup>5</sup> )	--
Utilities	221	--	( <sup>5</sup> )	--	( <sup>5</sup> )	( <sup>5</sup> )	--
<b>Information</b>		2.4	( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )	2.1	--
<b>Information</b>		2.4	( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )	2.1	--
Publishing industries (except Internet)	511	7.7	( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )	6.8	--
<b>Financial activities</b>		9.7	( <sup>5</sup> )	1.4	( <sup>5</sup> )	( <sup>5</sup> )	8.3
<b>Finance and insurance</b>		9.4	( <sup>5</sup> )	1.7	( <sup>5</sup> )	( <sup>5</sup> )	7.7
Credit intermediation and related activities	522	--	( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )	--
Insurance carriers and related activities	524	10.8	( <sup>5</sup> )	3.9	( <sup>5</sup> )	( <sup>5</sup> )	6.9
<b>Real estate and rental and leasing</b>		--	( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )	--
<b>Professional and business services</b>		11.1	4.8	1.7	--	--	4.1
<b>Professional, scientific, and technical services</b>		5.3	--	--	( <sup>5</sup> )	( <sup>5</sup> )	--
Professional, scientific, and technical services (scope changed in 2009)	541	5.3	--	--	( <sup>5</sup> )	( <sup>5</sup> )	--
<b>Management of companies and enterprises</b>		--	( <sup>5</sup> )	--	( <sup>5</sup> )	( <sup>5</sup> )	--

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		Total cases	Skin disorders	Respiratory conditions	Poisonings	Hearing loss	All other illnesses
<b>Administrative and support and waste management and remediation services</b>		22.9	13.3	1.9	--	--	6.3
Waste management and remediation services	562	( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )
<b>Education and health services</b>		30.9	5.6	--	( <sup>5</sup> )	( <sup>5</sup> )	18.7
<b>Educational services</b>		14.7	3.7	( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )	9.6
Educational services	611	14.7	3.7	( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )	9.6
<b>Health care and social assistance</b>		33.3	5.9	--	( <sup>5</sup> )	( <sup>5</sup> )	20.1
Ambulatory health care services	621	34.5	5.4	--	( <sup>5</sup> )	( <sup>5</sup> )	13.8
Hospitals	622	28.9	5.6	3.7	( <sup>5</sup> )	( <sup>5</sup> )	19.3
Nursing and residential care facilities	623	32.9	9.6	2.9	--	( <sup>5</sup> )	19.9
Social assistance	624	--	--	--	--	( <sup>5</sup> )	--
<b>Leisure and hospitality</b>		10.5	4.2	1.0	--	( <sup>5</sup> )	4.7
<b>Arts, entertainment, and recreation</b>		31.7	5.5	( <sup>5</sup> )	--	( <sup>5</sup> )	22.7
Amusement, gambling, and recreation industries	713	36.3	6.9	( <sup>5</sup> )	--	( <sup>5</sup> )	25.7
<b>Accommodation and food services</b>		5.8	4.0	1.1	( <sup>5</sup> )	( <sup>5</sup> )	0.7
Accommodation	721	32.6	21.4	6.9	( <sup>5</sup> )	( <sup>5</sup> )	4.3
Food services and drinking places	722	--	--	( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )
<b>Other services</b>		--	--	--	( <sup>5</sup> )	( <sup>5</sup> )	--
<b>Other services, except public administration</b>		--	--	--	( <sup>5</sup> )	( <sup>5</sup> )	--

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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
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> )	--
<b>State and local government<sup>4</sup></b>		--	--	--	--	--	--
<b>State government<sup>4</sup></b>		--	--	--	--	--	--
<b>Service-providing</b>		--	--	--	--	--	--
<b>Education and health services</b>		--	--	--	--	--	--
<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>Local government<sup>4</sup></b>		--	--	--	--	--	--

See footnotes at end of table.

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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

<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, 2007.

<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* -- United States, 2007) 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, December 12, 2014