

Table 10. Incidence rate¹ and number of nonfatal occupational injuries by industry, Pennsylvania, 2013

Industry ²	NAICS code ³	Incidence rate ¹	Number of cases (thousands)	Percent relative standard errors	
				Incidence rates	Numbers
All industries including state and local government⁴		3.7	166.6	3.2	3.0
Private industry⁴		3.7	149.4	2.9	2.8
Goods-producing⁴		4.7	38.4	5.0	4.8
Natural resources and mining^{4,5}		3.4	2.0	12.3	10.6
Agriculture, forestry, fishing and hunting⁴		3.4	0.7	19.2	20.8
Crop production (scope changed in 2009) ⁴	111	3.7	0.4	22.0	24.1
Mining⁵		3.4	1.3	15.7	12.0
Oil and gas extraction	211	3.0	0.2	16.2	18.7
Oil and gas extraction	2111	3.0	0.2	16.2	18.7
Oil and gas extraction	21111	3.0	0.2	16.2	18.7
Crude petroleum and natural gas extraction	211111	3.1	0.2	15.7	20.8
Mining (except oil and gas) ⁶	212	3.8	0.5	(⁹)	(⁹)
Coal mining ⁶	2121	4.4	0.4	(⁹)	(⁹)
Coal mining ⁶	21211	4.4	0.4	(⁹)	(⁹)
Bituminous coal and lignite surface mining ⁶	212111	2.1	(⁸)	(⁹)	(⁹)
Bituminous coal underground mining ⁶	212112	4.7	0.3	(⁹)	(⁹)
Anthracite mining ⁶	212113	6.2	0.1	(⁹)	(⁹)
Nonmetallic mineral mining and quarrying ⁶	2123	2.8	0.1	(⁹)	(⁹)
Construction		5.1	10.5	13.0	13.1
Construction		5.1	10.5	13.0	13.1
Construction of buildings	236	6.5	3.0	33.1	32.8
Nonresidential building construction	2362	4.3	0.9	31.6	34.3
Heavy and civil engineering construction	237	4.6	1.6	14.4	13.4
Utility system construction	2371	3.7	0.8	19.2	16.8

See footnotes at end of table.

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Power and communication line and related structures construction	23713	2.5	0.2	32.3	32.4
Specialty trade contractors	238	4.8	5.9	15.5	15.7
Building equipment contractors	2382	4.7	2.8	23.6	23.7
Building finishing contractors	2383	3.7	0.8	26.1	25.0
Manufacturing		4.7	25.9	5.0	4.6
Manufacturing		4.7	25.9	5.0	4.6
Food manufacturing	311	5.4	3.5	9.2	8.9
Sugar and confectionery product manufacturing	3113	4.5	0.4	6.7	9.0
Animal slaughtering and processing	3116	5.8	0.8	10.2	10.6
Bakeries and tortilla manufacturing	3118	3.0	0.4	24.0	23.4
Wood product manufacturing	321	5.5	1.0	25.8	21.9
Paper manufacturing	322	3.0	0.7	15.4	15.0
Printing and related support activities	323	3.3	0.8	17.4	19.2
Petroleum and coal products manufacturing	324	4.6	0.3	42.2	43.2
Petroleum and coal products manufacturing	3241	4.6	0.3	42.2	43.2
Other petroleum and coal products manufacturing	32419	1.4	(⁸)	25.1	22.6
Chemical manufacturing	325	1.7	0.7	26.8	26.9
Plastics and rubber products manufacturing (scope changed in 2009)	326	4.7	1.6	17.8	18.1
Nonmetallic mineral product manufacturing	327	6.1	1.2	18.2	19.0
Cement and concrete product manufacturing	3273	9.2	0.8	26.1	26.0
Primary metal manufacturing	331	5.6	2.3	15.0	14.7
Iron and steel mills and ferroalloy manufacturing	3311	4.1	0.6	10.1	10.3
Fabricated metal product manufacturing	332	6.6	5.4	14.5	13.8
Architectural and structural metals manufacturing	3323	5.9	1.2	18.3	18.4
Machine shops; turned product; and screw, nut, and bolt manufacturing	3327	7.3	1.7	28.0	28.6
Machinery manufacturing (scope changed in 2009)	333	4.6	2.2	10.9	11.7
Agriculture, construction, and mining machinery manufacturing	3331	3.8	0.4	14.3	12.3
Mining and oil and gas field machinery manufacturing	33313	6.3	0.3	15.5	16.4
Metalworking machinery manufacturing	3335	4.9	0.6	31.9	31.7
Engine, turbine, and power transmission equipment manufacturing	3336	6.3	0.2	(¹⁰)	(¹⁰)
Other general purpose machinery manufacturing (scope changed in 2009)	3339	6.1	0.7	19.4	19.0

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Pump and compressor manufacturing	33391	4.3	0.1	52.6	47.9
All other general purpose machinery manufacturing (scope changed in 2009)	33399	6.7	0.3	28.5	29.1
Computer and electronic product manufacturing	334	1.9	0.6	20.9	20.9
Navigational, measuring, electromedical, and control instruments mfg. (scope changed in 2009)	3345	2.6	0.4	30.2	30.1
Electrical equipment, appliance, and component manufacturing	335	4.1	1.0	22.6	18.2
Electrical equipment manufacturing	3353	2.9	0.2	44.5	45.6
Other electrical equipment and component manufacturing	3359	3.7	0.6	21.3	20.5
Transportation equipment manufacturing (scope changed in 2009)	336	4.4	1.7	10.5	10.6
Furniture and related product manufacturing (scope changed in 2009)	337	8.6	1.3	31.4	33.1
Miscellaneous manufacturing	339	2.9	0.7	20.1	19.2
Service-providing		3.5	111.0	3.5	3.4
Trade, transportation, and utilities⁷		4.1	36.7	5.0	4.9
Wholesale trade		3.2	7.7	13.1	11.9
Merchant wholesalers, durable goods	423	3.9	4.4	15.9	15.6
Motor vehicle and motor vehicle parts and supplies merchant wholesalers	4231	5.6	0.9	18.0	17.4
Lumber and other construction materials merchant wholesalers	4233	3.8	0.3	40.1	38.5
Metal and mineral (except petroleum) merchant wholesalers	4235	4.3	0.2	(¹⁰)	(¹⁰)
Hardware, and plumbing and heating equipment and supplies merchant wholesalers	4237	2.4	0.2	27.2	28.0
Machinery, equipment, and supplies merchant wholesalers	4238	4.5	1.2	35.6	35.1
Miscellaneous durable goods merchant wholesalers	4239	3.5	0.4	39.5	38.7
Merchant wholesalers, nondurable goods	424	3.9	2.7	17.9	16.4
Grocery and related product merchant wholesalers	4244	5.4	1.5	11.9	12.1
Retail trade		4.0	18.4	6.7	6.7
Motor vehicle and parts dealers	441	4.0	2.8	13.4	13.5
Automobile dealers	4411	4.3	2.2	13.9	13.6
Furniture and home furnishings stores	442	3.6	0.5	23.4	29.4
Building material and garden equipment and supplies dealers	444	5.0	1.9	14.7	13.5

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Food and beverage stores	445	5.0	4.8	9.4	9.6
Health and personal care stores	446	2.2	0.8	28.4	28.1
Gasoline stations	447	2.4	0.7	32.0	32.0
Sporting goods, hobby, book, and music stores	451	2.7	0.4	33.1	32.1
General merchandise stores	452	4.5	3.4	13.7	14.2
Department stores	4521	3.5	1.2	8.3	8.7
Other general merchandise stores	4529	5.3	2.2	20.1	21.6
Miscellaneous store retailers	453	4.6	1.1	30.1	27.9
Transportation and warehousing⁷		5.6	10.1	8.9	9.1
Truck transportation	484	4.8	3.3	16.0	16.8
Pipeline transportation	486	--	(⁸)	(¹⁰)	(¹⁰)
Couriers and messengers	492	7.6	1.1	10.1	12.9
Warehousing and storage	493	6.9	3.7	11.1	12.1
Utilities		2.2	0.5	22.9	21.3
Utilities	221	2.2	0.5	22.9	21.3
Electric power generation, transmission and distribution	2211	2.0	0.3	23.2	20.8
Electric power transmission, control, and distribution	22112	3.4	0.3	19.8	20.5
Water, sewage and other systems	2213	4.0	0.1	40.1	42.0
Information		1.1	0.9	27.7	27.2
Information		1.1	0.9	27.7	27.2
Publishing industries (except Internet)	511	0.9	0.2	36.9	36.3
Newspaper, periodical, book, and directory publishers	5111	1.2	0.2	39.5	37.4
Financial activities		1.3	3.8	20.0	17.2
Finance and insurance		0.4	1.0	18.9	18.2
Credit intermediation and related activities	522	0.4	0.3	30.1	30.4

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Insurance carriers and related activities	524	0.7	0.7	23.4	23.2
Real estate and rental and leasing		4.9	2.7	24.0	22.8
Professional and business services		2.3	14.5	19.3	19.2
Professional, scientific, and technical services		2.2	6.5	40.2	40.1
Professional, scientific, and technical services (scope changed in 2009)	541	2.2	6.5	40.2	40.1
Management of companies and enterprises		0.7	0.8	23.1	23.1
Administrative and support and waste management and remediation services		3.3	7.2	13.6	13.6
Waste management and remediation services	562	7.5	1.3	29.2	27.6
Waste collection	5621	10.3	0.8	35.8	38.2
Waste collection	56211	10.3	0.8	35.8	38.2
Solid waste collection	562111	9.9	0.7	42.3	44.7
Waste treatment and disposal	5622	5.1	0.2	41.1	48.1
Remediation and other waste management services	5629	5.1	0.3	47.5	51.2
Education and health services		4.7	39.0	3.1	2.8
Educational services		2.2	2.5	14.1	13.9
Educational services	611	2.2	2.5	14.1	13.9
Elementary and secondary schools	6111	2.9	0.8	33.6	33.2
Colleges, universities, and professional schools	6113	2.2	1.4	6.7	6.8
Health care and social assistance		5.1	36.5	3.3	2.8
Ambulatory health care services	621	2.9	6.7	10.0	9.8
Offices of physicians	6211	1.4	1.3	17.3	17.5
Offices of physicians	62111	1.4	1.3	17.3	17.5

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Offices of physicians (except mental health specialists)	621111	1.4	1.3	17.9	18.1
Offices of physicians, mental health specialists	621112	2.1	(⁸)	34.8	35.6
Hospitals	622	6.4	14.1	1.7	1.9
Nursing and residential care facilities	623	7.9	12.2	3.8	4.0
Social assistance	624	3.1	3.6	18.1	16.3
Leisure and hospitality		4.2	12.9	7.6	7.6
Arts, entertainment, and recreation		5.3	2.9	10.7	12.2
Amusement, gambling, and recreation industries	713	5.9	2.4	11.6	14.4
Gambling industries	7132	2.6	0.3	7.8	8.6
Accommodation and food services		4.0	10.0	9.2	9.2
Accommodation	721	5.5	2.2	11.9	11.5
Food services and drinking places	722	3.7	7.7	11.3	11.3
Full-service restaurants	7221	3.6	3.7	14.2	14.3
Limited-service eating places	7222	3.4	2.6	20.9	21.9
Other services		2.5	3.3	22.3	22.1
Other services, except public administration		2.5	3.3	22.3	22.1
Repair and maintenance	811	3.1	1.4	33.4	34.0
Religious, grantmaking, civic, professional, and similar organizations	813	1.4	0.6	36.5	38.1
State and local government⁴		--	--	--	--
State government⁴		--	--	--	--
Service-providing		--	--	--	--
Education and health services		--	--	--	--

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Educational services		2.4	0.6	10.7	13.0
Educational services	611	2.4	0.6	10.7	13.0
Colleges, universities, and professional schools	6113	2.4	0.6	10.6	13.0
Local government⁴		--	--	--	--

¹ Incidence rates represent the number of injuries per 100 full-time workers and were calculated as: (N/EH) x 200,000 where

N = number of injuries
 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, 2007.

⁴ Excludes farms with fewer than 11 employees.

⁵ 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.

⁶ 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.

⁷ Data for employers in rail transportation are provided to BLS by the Federal Railroad Administration, U.S. Department of Transportation.

⁸ Data too small to be displayed.

⁹ Relative standard errors were not calculated for mining, except oil and gas (NAICS 212), and rail transportation (NAICS 482).

¹⁰ Relative standard error less than 0.5.

NOTE: Because of rounding, components may not add to totals. Dashes indicate data that 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