

Table 10. Incidence rate¹ and number of nonfatal occupational injuries by industry, Pennsylvania, 2023

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		2.7	127.4	29.5	31.3
Private industry⁴		2.5	107.7	2.6	2.6
Goods producing⁴		2.9	24.2	4.2	4.4
Natural resources and mining^{4,5}		2.2	1.1	16.6	17.4
Agriculture, forestry, fishing and hunting⁴		2.3	0.5	30.2	32.1
Crop production ⁴	111	2.5	0.3	10.3	10.2
Greenhouse, nursery, and floriculture production ⁴	1114	3.0	0.3	9.5	10.9
Food crops grown under cover ⁴	11141	3.1	0.2	8.7	12.2
Mushroom production ⁴	111411	3.3	0.2	9.6	10.9
Other food crops grown under cover ⁴	111419	2.4	(⁸)	22.5	37.2
Mining, quarrying, and oil and gas extraction⁵		2.1	0.6	15.0	15.4
Oil and gas extraction	211	--	--	--	--
Oil and gas extraction	2111	--	--	--	--
Crude petroleum extraction	21112	--	--	44.3	20.4
Mining (except oil and gas) ⁶	212	2.9	0.3	(⁹)	(⁹)
Coal mining ⁶	2121	3.6	0.2	(⁹)	(⁹)
Coal mining ⁶	21211	3.6	0.2	(⁹)	(⁹)
Bituminous coal and lignite surface mining ⁶	212111	--	--	(⁹)	(⁹)
Bituminous coal underground mining ⁶	212112	4.6	0.2	(⁹)	(⁹)
Anthracite mining ⁶	212113	2.4	(⁸)	(⁹)	(⁹)
Nonmetallic mineral mining and quarrying ⁶	2123	2.2	0.1	(⁹)	(⁹)
Construction		2.5	6.3	12.0	12.6
Construction		2.5	6.3	12.0	12.6

Construction of buildings	236	2.5	1.5	27.2	28.0
Nonresidential building construction	2362	2.3	0.7	18.7	22.0
Heavy and civil engineering construction	237	2.3	0.8	18.6	19.9
Utility system construction	2371	1.4	0.2	28.6	30.4
Water and sewer line and related structures construction	23711	2.2	0.2	40.0	43.7
Highway, street, and bridge construction	2373	3.5	0.5	25.6	29.3
Specialty trade contractors	238	2.6	4.0	15.4	16.3
Foundation, structure, and building exterior contractors	2381	3.4	0.9	38.1	40.2
Building equipment contractors	2382	2.6	2.0	18.6	20.1
Electrical contractors and other wiring installation contractors	23821	2.2	0.6	25.3	24.3
Plumbing, heating, and air-conditioning contractors	23822	3.1	1.3	24.7	27.4
Building finishing contractors	2383	3.5	0.8	40.3	41.5
Other specialty trade contractors	2389	1.4	0.4	50.3	53.9
Manufacturing		3.1	16.8	3.9	4.1
Manufacturing		3.1	16.8	3.9	4.1
Food manufacturing	311	3.8	2.9	6.9	7.1
Sugar and confectionery product manufacturing	3113	2.0	0.2	17.9	19.1
Chocolate and confectionery manufacturing	31135	1.7	0.1	24.8	26.9
Fruit and vegetable preserving and specialty food manufacturing	3114	3.5	0.2	20.1	19.9
Dairy product manufacturing	3115	3.4	0.2	21.5	10.3
Animal slaughtering and processing	3116	4.7	0.9	6.4	5.1
Animal slaughtering and processing	31161	4.7	0.9	6.4	5.1
Animal (except poultry) slaughtering	311611	4.0	0.3	4.8	5.1
Meat processed from carcasses	311612	6.2	0.4	13.9	9.6
Poultry processing	311615	3.4	0.2	2.6	6.2
Bakeries and tortilla manufacturing	3118	4.1	0.6	21.8	24.4
Bread and bakery product manufacturing	31181	3.5	0.3	21.8	22.8
Commercial bakeries	311812	3.2	0.2	28.8	32.0
Other food manufacturing	3119	5.0	0.7	17.2	17.2
Snack food manufacturing	31191	4.0	0.3	17.1	21.5
Beverage and tobacco product manufacturing	312	2.3	0.2	31.2	30.7
Beverage manufacturing	3121	2.2	0.2	33.1	32.7
Tobacco product manufacturing	3122	--	--	5.4	5.2
Textile mills	313	3.3	0.1	18.6	24.9
Textile product mills	314	1.8	(⁸)	54.4	30.4
Apparel manufacturing	315	2.7	0.1	4.9	22.1
Wood product manufacturing	321	6.1	1.3	13.6	17.0
Sawmills and wood preservation	3211	3.7	0.2	32.8	34.1

Veneer, plywood, and engineered wood product manufacturing	3212	2.4	0.1	23.2	21.7
Other wood product manufacturing	3219	7.4	1.1	15.0	19.9
Paper manufacturing	322	2.3	0.5	9.9	15.6
Pulp, paper, and paperboard mills	3221	2.1	0.1	2.2	23.9
Converted paper product manufacturing	3222	2.3	0.5	11.0	17.2
Paperboard container manufacturing	32221	2.5	0.2	20.3	31.8
Corrugated and solid fiber box manufacturing	322211	2.5	0.2	25.6	39.7
Printing and related support activities	323	1.6	0.3	45.3	49.3
Chemical manufacturing	325	1.4	0.6	19.2	18.9
Pharmaceutical and medicine manufacturing	3254	1.1	0.2	31.9	29.3
Pharmaceutical and medicine manufacturing	32541	1.1	0.2	31.9	29.3
Pharmaceutical preparation manufacturing	325412	0.7	0.1	49.2	40.4
Plastics and rubber products manufacturing	326	2.6	1.0	11.4	11.4
Plastics product manufacturing	3261	2.8	1.0	12.2	12.2
Rubber product manufacturing	3262	1.3	0.1	9.3	15.4
Nonmetallic mineral product manufacturing	327	4.2	0.8	27.3	26.8
Glass and glass product manufacturing	3272	2.8	0.1	23.6	25.9
Cement and concrete product manufacturing	3273	4.9	0.4	45.1	44.7
Primary metal manufacturing	331	3.2	1.1	6.9	8.0
Iron and steel mills and ferroalloy manufacturing	3311	2.1	0.2	17.2	14.3
Steel product manufacturing from purchased steel	3312	3.6	0.2	22.7	29.4
Iron and steel pipe and tube manufacturing from purchased steel	33121	3.5	0.1	26.1	32.5
Rolling and drawing of purchased steel	33122	3.8	0.1	35.2	46.6
Alumina and aluminum production and processing	3313	1.4	0.1	6.6	21.8
Nonferrous metal (except aluminum) production and processing	3314	5.0	0.3	10.8	13.7
Foundries	3315	4.1	0.3	7.9	13.5
Ferrous metal foundries	33151	3.6	0.2	9.0	18.7
Iron foundries	331511	2.6	0.1	15.5	28.1
Fabricated metal product manufacturing	332	4.1	3.3	10.9	11.4
Forging and stamping	3321	3.1	0.3	22.3	24.2
Forging and stamping	33211	3.1	0.3	22.3	24.2
Powder metallurgy part manufacturing	332117	2.9	0.1	29.8	31.6
Architectural and structural metals manufacturing	3323	4.9	1.0	18.6	20.6
Plate work and fabricated structural product manufacturing	33231	6.8	0.6	28.1	33.7
Ornamental and architectural metal products manufacturing	33232	3.6	0.4	18.9	17.7
Sheet metal work manufacturing	332322	4.9	0.3	29.2	24.7
Boiler, tank, and shipping container manufacturing	3324	3.6	0.2	38.3	40.1
Machine shops; turned product; and screw, nut, and bolt manufacturing	3327	3.4	0.7	20.7	22.8
Machine shops	33271	3.3	0.5	25.2	29.2
Turned product and screw, nut, and bolt manufacturing	33272	3.9	0.2	35.8	25.0
Coating, engraving, heat treating, and allied activities	3328	7.4	0.5	45.6	43.6

Machinery manufacturing	333	3.3	1.4	10.4	13.1
Agriculture, construction, and mining machinery manufacturing	3331	4.2	0.4	6.4	18.9
Mining and oil and gas field machinery manufacturing	33313	3.6	(⁸)	14.6	27.2
Industrial machinery manufacturing	3332	4.1	0.2	31.4	28.1
Ventilation, heating, air-conditioning, and commercial refrigeration equipment manufacturing	3334	6.4	0.3	5.7	8.8
Engine, turbine, and power transmission equipment manufacturing	3336	1.6	(⁸)	33.5	52.0
Other general purpose machinery manufacturing	3339	2.5	0.3	31.7	35.5
Computer and electronic product manufacturing	334	0.4	0.1	35.2	36.9
Semiconductor and other electronic component manufacturing	3344	0.7	0.1	57.1	55.4
Navigational, measuring, electromedical, and control instruments manufacturing	3345	0.3	(⁸)	35.1	46.3
Electrical equipment, appliance, and component manufacturing	335	2.4	0.6	7.6	9.1
Electrical equipment manufacturing	3353	2.1	0.2	11.9	17.7
Transportation equipment manufacturing	336	3.9	1.3	9.9	8.8
Motor vehicle body and trailer manufacturing	3362	7.4	0.5	15.9	11.8
Motor vehicle parts manufacturing	3363	3.9	0.3	31.3	29.0
Aerospace product and parts manufacturing	3364	1.4	0.1	25.9	17.4
Furniture and related product manufacturing	337	2.9	0.4	17.9	21.7
Household and institutional furniture and kitchen cabinet manufacturing	3371	3.4	0.3	22.7	28.8
Office furniture (including fixtures) manufacturing	3372	2.2	0.1	7.2	6.7
Miscellaneous manufacturing	339	1.8	0.4	34.9	35.1
Medical equipment and supplies manufacturing	3391	1.4	0.2	41.5	42.4
Other miscellaneous manufacturing	3399	2.3	0.3	52.0	51.3
Service providing		2.4	83.5	3.1	3.1
Trade transportation and utilities		3.4	30.8	4.4	4.5
Wholesale trade		1.9	4.0	11.7	11.9
Merchant wholesalers, durable goods	423	2.1	2.2	18.1	19.0
Motor vehicle and motor vehicle parts and supplies merchant wholesalers	4231	4.3	0.7	27.1	29.5
Lumber and other construction materials merchant wholesalers	4233	1.2	0.1	46.0	36.6
Hardware, and plumbing and heating equipment and supplies merchant wholesalers	4237	3.0	0.3	17.9	19.0
Machinery, equipment, and supplies merchant wholesalers	4238	1.2	0.3	44.3	39.7
Construction and mining (except oil well) machinery and equipment merchant wholesalers	42381	0.9	(⁸)	17.4	17.6
Miscellaneous durable goods merchant wholesalers	4239	3.5	0.3	18.3	12.4
Recyclable material merchant wholesalers	42393	6.2	0.3	24.6	6.9
Merchant wholesalers, nondurable goods	424	2.6	1.6	14.8	13.8
Grocery and related product merchant wholesalers	4244	4.6	1.2	14.0	14.4

Beer, wine, and distilled alcoholic beverage merchant wholesalers	4248	2.9	0.1	29.5	32.6
Retail trade		3.4	14.0	7.4	7.6
Motor vehicle and parts dealers	441	2.9	2.0	18.0	20.6
Building material and garden equipment and supplies dealers	444	4.1	1.5	20.6	19.4
Building material and supplies dealers	4441	4.3	1.3	18.2	17.1
Food and beverage stores	445	4.1	3.7	11.2	11.3
Gasoline stations	447	3.2	1.0	32.3	31.8
Clothing and clothing accessories stores	448	--	--	30.3	16.8
General merchandise stores	452	4.3	3.1	4.3	5.5
Department stores	4522	3.0	0.7	12.7	15.9
General merchandise stores, including warehouse clubs and supercenters	4523	4.9	2.4	4.2	5.3
Miscellaneous store retailers	453	3.0	0.7	23.8	25.8
Nonstore retailers	454	1.4	0.3	53.0	52.7
Transportation and warehousing⁷		4.7	12.5	5.7	6.0
Air transportation	481	10.6	0.9	10.6	19.2
Truck transportation	484	3.6	2.6	20.4	21.4
General freight trucking	4841	3.7	2.0	19.4	20.8
General freight trucking, local	48411	4.3	0.7	37.2	41.1
General freight trucking, long-distance	48412	3.5	1.3	21.9	23.1
Transit and ground passenger transportation	485	1.7	0.3	32.4	36.0
School and employee bus transportation	4854	2.2	0.2	32.7	38.7
Pipeline transportation	486	1.8	(⁸)	40.8	40.6
Pipeline transportation of natural gas	4862	2.3	(⁸)	40.9	40.6
Support activities for transportation	488	1.5	0.3	51.1	53.3
Couriers and messengers	492	9.9	3.0	7.2	7.4
Warehousing and storage	493	4.8	5.1	6.6	7.2
Utilities		0.9	0.2	24.6	29.6
Utilities	221	0.9	0.2	24.6	29.6
Electric power generation, transmission and distribution	2211	0.9	0.1	35.2	42.2
Natural gas distribution	2212	1.3	0.1	5.8	14.8
Water, sewage and other systems	2213	--	--	38.0	38.5
Information		1.3	1.1	30.7	28.3
Information		1.3	1.1	30.7	28.3

Motion picture and sound recording industries	512	--	--	48.7	46.1
Telecommunications	517	3.3	0.9	37.0	36.2
Other information services	519	1.2	0.1	44.4	7.3
Financial activities		0.6	1.9	26.0	26.0
Finance and insurance		0.1	0.4	22.9	23.9
Credit intermediation and related activities	522	0.1	0.1	52.5	56.3
Insurance carriers and related activities	524	0.2	0.2	21.3	21.2
Real estate and rental and leasing		2.7	1.6	31.9	31.4
Real estate	531	2.3	0.9	33.6	29.9
Professional and business services		1.1	8.4	13.7	13.8
Professional, scientific, and technical services		0.6	2.3	15.0	14.4
Professional, scientific, and technical services	541	0.6	2.3	15.0	14.4
Scientific research and development services	5417	0.2	0.1	22.2	23.2
Advertising, public relations, and related services	5418	0.2	(⁸)	14.8	(¹⁰)
Other professional, scientific, and technical services	5419	6.2	1.8	18.6	16.8
Veterinary services	54194	13.0	1.8	14.8	16.6
Management of companies and enterprises		0.4	0.5	34.3	34.5
Administrative and support and waste management and remediation services		2.3	5.7	18.8	19.5
Administrative and support services	561	--	--	--	--
Investigation and security services	5616	1.2	0.3	21.2	19.8
Services to buildings and dwellings	5617	3.2	1.9	39.3	39.5
Janitorial services	56172	1.0	0.2	35.4	34.6
Landscaping services	56173	3.1	0.9	22.8	23.4
Waste management and remediation services	562	4.2	0.8	16.4	16.5
Waste collection	5621	6.5	0.6	13.1	19.2
Waste collection	56211	6.5	0.6	13.1	19.2
Solid waste collection	562111	6.6	0.6	14.1	20.7
Remediation and other waste management services	5629	2.7	0.2	39.7	37.4

Remediation services	56291	3.9	0.1	49.5	51.5
Educational and health services		3.0	30.0	4.6	4.8
Educational services		1.8	2.4	18.5	19.4
Educational services	611	1.8	2.4	18.5	19.4
Elementary and secondary schools	6111	3.7	1.0	38.8	42.6
Colleges, universities, and professional schools	6113	1.4	1.2	4.8	8.8
Health care and social assistance		3.2	27.6	4.8	4.9
Ambulatory health care services	621	1.6	4.7	10.8	10.6
Offices of physicians	6211	1.8	1.9	19.5	19.2
Other ambulatory health care services	6219	2.6	0.5	25.5	24.0
Ambulance services	62191	4.1	0.4	22.5	26.5
Hospitals	622	4.8	10.1	1.1	1.8
Nursing and residential care facilities	623	6.7	9.2	10.9	12.5
Nursing care facilities (skilled nursing facilities)	6231	5.2	2.3	6.4	7.3
Continuing care retirement communities and assisted living facilities for the elderly	6233	5.4	2.3	6.2	8.1
Social assistance	624	1.8	3.6	12.9	13.1
Vocational rehabilitation services	6243	4.0	0.2	27.0	31.5
Leisure and hospitality		2.9	9.3	8.9	9.2
Arts, entertainment, and recreation		5.0	2.6	14.6	15.8
Performing arts, spectator sports, and related industries	711	9.5	1.0	27.7	32.6
Museums, historical sites, and similar institutions	712	1.8	0.1	37.7	37.1
Amusement, gambling, and recreation industries	713	4.1	1.5	14.7	15.8
Amusement parks and arcades	7131	6.1	0.2	7.3	10.0
Gambling industries	7132	3.0	0.2	22.5	25.7
Other amusement and recreation industries	7139	4.1	1.1	20.2	21.6
Accommodation and food services		2.5	6.7	10.9	11.2
Accommodation	721	3.3	1.4	15.1	14.8
Food services and drinking places	722	2.3	5.3	13.1	13.6
Restaurants and other eating places	7225	2.4	4.8	14.1	14.5
Restaurants and other eating places	72251	2.4	4.8	14.1	14.5
Full-service restaurants	722511	2.5	2.5	19.4	19.9

Limited-service restaurants	722513	2.2	1.7	23.2	23.9
Other services (except public administration)		1.4	1.9	22.7	23.0
Other services (except public administration)		1.4	1.9	22.7	23.0
Repair and maintenance	811	2.0	1.0	29.0	29.4
Automotive repair and maintenance	8111	1.7	0.6	45.6	46.9
State and local government⁴		--	--	--	--
State government⁴		2.2	2.6	16.9	17.8
Service providing		2.1	2.4	16.9	17.4
Educational and health services		2.4	1.0	34.2	36.5
Educational services		0.9	0.2	3.6	28.6
Educational services	611	0.9	0.2	3.6	28.6
Health care and social assistance		--	--	--	--
Nursing and residential care facilities	623	6.2	0.3	44.6	56.8
Public administration		2.0	1.0	19.2	19.1
Public administration		2.0	1.0	19.2	19.1
Justice, public order, and safety activities	922	3.0	0.7	15.3	19.3
Justice, public order, and safety activities	9221	3.0	0.7	15.3	19.3
Correctional institutions	92214	3.0	0.4	12.2	16.0
Local government⁴		--	--	--	--

¹ Incidence rates represent the number of injuries per 100 full-time workers and were calculated as:

$(N/EH) \times 200,000$ 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 Data are coded using the North American Industry Classification System (NAICS). For more information on the version of NAICS used in this year, see our Handbook of Methods concepts page: <https://www.bls.gov/opub/hom/soii/concepts.htm>.

⁴ Excludes farms with fewer than 11 employees.

⁵ Data for Mining (Sector 21 in the North American Industry Classification System) 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 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 of 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. The scope of the data published in the SOII differs from the scope of the data published by the FRA. For more information on differences see the SOII Handbook of Methods Data Concepts page: <https://www.bls.gov/opub/hom/soii/data.htm>.

⁸ Data too small to be displayed.