

Pennsylvania 2021 Survey of Occupational Injuries and Illnesses (SOII) Summary Data

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Table 1. Incidence rates¹ of nonfatal occupational injuries and illnesses by selected industries and case types, Pennsylvania, 2021

Industry ²	NAICS code ³	Total recordable cases	Cases with days away from work, job transfer, or restriction			Other recordable cases
			Total	Cases with days away from work ⁴	Cases with job transfer or restriction	
All industries including state and local government⁵		3.1	1.8	--	0.6	1.3
Private industry⁵		2.9	1.8	1.2	0.6	1.1
Goods-producing⁵		3.5	2.1	1.2	0.9	1.4
Natural resources and mining^{5,6}		2.8	1.7	1.2	0.5	1.1
Agriculture, forestry, fishing and hunting⁵		3.8	2.0	1.1	0.9	1.8
Crop production ⁵	111	3.7	1.8	1.1	0.7	2.0
Animal production and aquaculture ⁵	112	4.2	2.4	1.9	--	1.8
Mining, quarrying, and oil and gas extraction⁶		1.8	1.4	1.2	0.2	0.4
Oil and gas extraction	211	2.1	2.1	2.1	--	--
Mining (except oil and gas) ⁷	212	3.2	2.3	1.9	0.4	0.8
Construction		2.7	1.6	1.2	0.4	1.1
Construction		2.7	1.6	1.2	0.4	1.1
Construction of buildings	236	2.4	1.4	0.8	0.6	1.0
Heavy and civil engineering construction	237	1.9	1.2	1.0	0.1	0.7
Specialty trade contractors	238	3.1	1.9	1.4	0.4	1.2
Manufacturing		3.9	2.4	1.2	1.2	1.5
Manufacturing		3.9	2.4	1.2	1.2	1.5
Food manufacturing	311	5.1	3.8	1.8	2.0	1.3
Beverage and tobacco product manufacturing	312	5.9	4.5	2.6	1.8	1.4
Textile mills	313	3.5	2.3	1.3	1.0	--
Apparel manufacturing	315	2.3	1.9	--	0.8	--
Wood product manufacturing	321	6.8	4.2	2.1	2.1	2.6

Paper manufacturing	322	2.6	1.8	0.9	0.9	0.8
Printing and related support activities	323	1.7	1.2	0.6	0.6	0.5
Chemical manufacturing	325	2.3	1.7	0.8	0.8	0.6
Plastics and rubber products manufacturing	326	3.5	2.4	1.2	1.2	1.1
Nonmetallic mineral product manufacturing	327	5.1	3.5	1.8	1.8	1.6
Primary metal manufacturing	331	4.7	2.6	1.6	1.0	2.1
Fabricated metal product manufacturing	332	4.9	2.5	1.2	1.2	2.4
Machinery manufacturing	333	3.8	1.6	0.7	0.9	2.2
Computer and electronic product manufacturing	334	1.0	0.5	0.4	0.1	0.5
Electrical equipment, appliance, and component manufacturing	335	3.3	1.2	0.6	0.6	2.0
Transportation equipment manufacturing	336	3.5	2.0	1.2	0.9	1.5
Furniture and related product manufacturing	337	5.2	3.9	2.1	1.7	1.3
Miscellaneous manufacturing	339	2.7	1.7	0.9	0.8	1.0
Service providing		2.8	1.7	1.1	0.6	1.0
Trade transportation and utilities		3.9	2.7	1.7	1.1	1.2
Wholesale trade		2.6	1.7	0.9	0.8	0.9
Merchant wholesalers, durable goods	423	2.9	1.6	0.8	0.8	1.3
Merchant wholesalers, nondurable goods	424	3.7	2.8	1.5	1.3	0.9
Retail trade		3.9	2.4	1.5	0.9	1.5
Motor vehicle and parts dealers	441	2.1	1.1	0.7	0.4	0.9
Furniture and home furnishings stores	442	3.4	2.7	2.2	--	--
Building material and garden equipment and supplies dealers	444	6.4	4.7	3.0	1.7	1.7
Food and beverage stores	445	4.9	2.8	2.0	0.9	2.0
Health and personal care stores	446	1.1	0.2	0.2	--	0.9
Gasoline stations	447	4.1	2.3	1.4	0.9	1.8
Sporting goods, hobby, musical instrument, and book stores	451	2.5	1.1	--	0.9	1.4
General merchandise stores	452	5.5	3.4	1.9	1.5	2.1
Miscellaneous store retailers	453	3.2	2.8	--	1.4	--
Transportation and warehousing⁸		5.4	4.4	2.7	1.7	1.0
Truck transportation	484	4.9	3.8	2.8	1.0	1.1
Transit and ground passenger transportation	485	1.5	1.2	0.9	--	0.3
Couriers and messengers	492	9.1	7.3	4.4	2.9	1.8
Warehousing and storage	493	5.9	5.1	2.7	2.4	0.8
Utilities		0.8	0.6	--	0.4	--
Utilities	221	0.8	0.6	--	0.4	--
Information		0.6	0.4	0.2	0.2	0.2

Information		0.6	0.4	0.2	0.2	0.2
Broadcasting (except internet)	515	1.8	1.4	--	0.7	--
Financial activities		0.3	0.2	0.1	(⁹)	--
Finance and insurance		0.1	(⁹)	(⁹)	--	0.1
Insurance carriers and related activities	524	0.2	--	--	--	0.2
Real estate and rental and leasing		--	0.9	0.6	0.2	--
Real estate	531	0.6	0.4	--	0.1	0.2
Professional and business services		1.0	0.6	0.4	0.1	0.4
Professional, scientific, and technical services		0.7	0.2	--	(⁹)	0.4
Professional, scientific, and technical services	541	0.7	0.2	--	(⁹)	0.4
Management of companies and enterprises		0.5	0.2	0.2	--	0.2
Administrative and support and waste management and remediation services		1.8	1.3	0.9	0.4	0.6
Administrative and support services	561	1.7	1.1	0.9	0.3	0.6
Waste management and remediation services	562	3.3	2.8	1.7	1.1	0.5
Educational and health services		4.0	2.3	1.7	0.6	1.7
Educational services		1.5	0.6	0.3	0.3	0.9
Educational services	611	1.5	0.6	0.3	0.3	0.9
Health care and social assistance		4.4	2.6	1.9	0.7	1.8
Ambulatory health care services	621	2.3	1.1	0.9	0.2	1.2
Hospitals	622	6.4	3.4	2.4	1.0	3.0
Nursing and residential care facilities	623	7.8	5.9	4.2	1.7	1.9
Social assistance	624	2.2	1.0	0.8	0.2	1.1
Leisure and hospitality		3.4	1.8	1.3	0.5	1.6
Arts, entertainment, and recreation		3.2	1.8	1.1	0.6	1.4
Amusement, gambling, and recreation industries	713	3.0	1.8	1.3	0.6	1.2

Accommodation and food services		3.5	1.8	1.4	0.4	1.6
Accommodation	721	4.1	2.1	1.3	0.8	2.0
Food services and drinking places	722	3.4	1.8	1.4	0.4	1.6
Other services (except public administration)		1.1	0.8	0.4	--	0.3
Other services (except public administration)		1.1	0.8	0.4	--	0.3
Repair and maintenance	811	1.0	0.6	0.3	0.3	0.4
Personal and laundry services	812	--	1.4	0.6	--	0.1
Religious, grantmaking, civic, professional, and similar organizations	813	0.7	0.4	--	--	0.3
State and local government⁵		--	--	--	--	--
State government⁵		--	--	--	--	--
Service providing		--	--	--	--	--
Educational and health services		--	--	--	--	--
Educational services		1.0	0.6	0.4	0.2	0.4
Educational services	611	1.0	0.6	0.4	0.2	0.4
Local government⁵		--	--	--	--	--

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

N = number of injuries and/or illnesses

EH = total hours worked by all employees during the calendar year

200,000 = base for 100 full-time equivalent 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 Days-away-from-work cases include those that result in days away from work with or without job transfer or restriction.

⁵ Excludes farms with fewer than 11 employees.

⁶ 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.

⁷ 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.

⁸ Data for employers in rail transportation are provided to BLS by the Federal Railroad Administration, U.S. Department of Transportation.

Table 2. Numbers of nonfatal occupational injuries and illnesses by selected industries and case types, Pennsylvania, 2021

(In thousands)

Industry ¹	NAICS code ²	Total recordable cases	Cases with days away from work, job transfer, or restriction			Other recordable cases
			Total	Cases with days away from work ³	Cases with job transfer or restriction	
All industries including state and local government⁴		138.4	79.4	--	26.9	59.0
Private industry⁴		117.1	72.6	46.9	25.7	44.6
Goods-producing⁴		27.7	16.9	9.7	7.3	10.7
Natural resources and mining^{4,5}		1.1	0.7	0.5	0.2	0.4
Agriculture, forestry, fishing and hunting⁴		0.7	0.4	0.2	0.2	0.4
Crop production ⁴	111	0.4	0.2	0.1	0.1	0.2
Animal production and aquaculture ⁴	112	0.2	0.1	0.1	--	0.1
Mining, quarrying, and oil and gas extraction⁵		0.4	0.3	0.3	(⁸)	0.1
Oil and gas extraction	211	0.1	0.1	0.1	--	--
Mining (except oil and gas) ⁶	212	0.3	0.2	0.2	(⁸)	0.1
Construction		6.2	3.8	2.8	1.0	2.5
Construction		6.2	3.8	2.8	1.0	2.5
Construction of buildings	236	1.3	0.7	0.4	0.3	0.5
Heavy and civil engineering construction	237	0.7	0.4	0.4	0.1	0.3
Specialty trade contractors	238	4.2	2.6	2.0	0.6	1.7
Manufacturing		20.3	12.5	6.4	6.1	7.8
Manufacturing		20.3	12.5	6.4	6.1	7.8
Food manufacturing	311	3.7	2.7	1.3	1.4	0.9
Beverage and tobacco product manufacturing	312	0.5	0.4	0.2	0.1	0.1
Textile mills	313	0.1	0.1	(⁸)	(⁸)	--
Apparel manufacturing	315	0.1	0.1	--	(⁸)	--
Wood product manufacturing	321	1.4	0.9	0.4	0.4	0.5

Paper manufacturing	322	0.6	0.4	0.2	0.2	0.2
Printing and related support activities	323	0.3	0.2	0.1	0.1	0.1
Chemical manufacturing	325	0.9	0.7	0.3	0.3	0.3
Plastics and rubber products manufacturing	326	1.3	0.9	0.4	0.5	0.4
Nonmetallic mineral product manufacturing	327	0.9	0.7	0.3	0.3	0.3
Primary metal manufacturing	331	1.5	0.8	0.5	0.3	0.7
Fabricated metal product manufacturing	332	3.6	1.9	0.9	0.9	1.8
Machinery manufacturing	333	1.6	0.7	0.3	0.4	0.9
Computer and electronic product manufacturing	334	0.3	0.1	0.1	(⁸)	0.1
Electrical equipment, appliance, and component manufacturing	335	0.9	0.3	0.2	0.2	0.5
Transportation equipment manufacturing	336	1.2	0.7	0.4	0.3	0.5
Furniture and related product manufacturing	337	0.8	0.6	0.3	0.3	0.2
Miscellaneous manufacturing	339	0.6	0.4	0.2	0.2	0.2
Service providing		89.4	55.6	37.2	18.4	33.8
Trade transportation and utilities		34.8	24.1	14.6	9.6	10.6
Wholesale trade		5.2	3.4	1.8	1.6	1.8
Merchant wholesalers, durable goods	423	2.9	1.6	0.8	0.8	1.3
Merchant wholesalers, nondurable goods	424	2.1	1.6	0.9	0.7	0.5
Retail trade		16.0	9.8	6.2	3.6	6.2
Motor vehicle and parts dealers	441	1.4	0.8	0.5	0.3	0.6
Furniture and home furnishings stores	442	0.4	0.3	0.2	--	--
Building material and garden equipment and supplies dealers	444	2.5	1.9	1.2	0.7	0.7
Food and beverage stores	445	4.3	2.5	1.8	0.8	1.8
Health and personal care stores	446	0.3	0.1	0.1	--	0.2
Gasoline stations	447	1.2	0.7	0.4	0.3	0.5
Sporting goods, hobby, musical instrument, and book stores	451	0.2	0.1	--	0.1	0.1
General merchandise stores	452	3.9	2.4	1.4	1.1	1.5
Miscellaneous store retailers	453	0.6	0.5	--	0.3	--
Transportation and warehousing⁷		13.3	10.8	6.6	4.2	2.6
Truck transportation	484	3.4	2.6	1.9	0.7	0.8
Transit and ground passenger transportation	485	0.2	0.2	0.1	--	(⁸)
Couriers and messengers	492	3.1	2.5	1.5	1.0	0.6
Warehousing and storage	493	5.5	4.8	2.5	2.2	0.8
Utilities		0.2	0.1	--	0.1	--
Utilities	221	0.2	0.1	--	0.1	--
Information		0.5	0.3	0.2	0.1	0.2

Information		0.5	0.3	0.2	0.1	0.2
Broadcasting (except internet)	515	0.1	0.1	--	(⁸)	--
Financial activities		0.9	0.5	0.4	0.1	--
Finance and insurance		0.3	(⁸)	(⁸)	--	0.3
Insurance carriers and related activities	524	0.2	--	--	--	0.2
Real estate and rental and leasing		--	0.5	0.4	0.1	--
Real estate	531	0.3	0.2	--	(⁸)	0.1
Professional and business services		7.1	4.0	3.0	1.0	3.1
Professional, scientific, and technical services		2.2	0.7	--	0.1	1.5
Professional, scientific, and technical services	541	2.2	0.7	--	0.1	1.5
Management of companies and enterprises		0.6	0.3	0.3	--	0.3
Administrative and support and waste management and remediation services		4.3	3.0	2.1	0.8	1.3
Administrative and support services	561	3.7	2.4	1.8	0.6	1.2
Waste management and remediation services	562	0.6	0.5	0.3	0.2	0.1
Educational and health services		36.3	21.1	15.2	5.9	15.2
Educational services		1.9	0.8	0.4	0.3	1.1
Educational services	611	1.9	0.8	0.4	0.3	1.1
Health care and social assistance		34.4	20.3	14.8	5.6	14.1
Ambulatory health care services	621	6.0	2.9	2.3	0.6	3.1
Hospitals	622	13.3	7.0	4.9	2.1	6.2
Nursing and residential care facilities	623	11.5	8.7	6.2	2.5	2.8
Social assistance	624	3.6	1.7	1.4	0.4	1.9
Leisure and hospitality		8.5	4.5	3.3	1.2	4.0
Arts, entertainment, and recreation		1.2	0.7	0.4	0.3	0.5
Amusement, gambling, and recreation industries	713	0.9	0.6	0.4	0.2	0.4

Accommodation and food services		7.2	3.8	2.9	0.9	3.4
Accommodation	721	1.0	0.5	0.3	0.2	0.5
Food services and drinking places	722	6.3	3.3	2.6	0.7	3.0
Other services (except public administration)		1.4	1.1	0.5	--	0.4
Other services (except public administration)		1.4	1.1	0.5	--	0.4
Repair and maintenance	811	0.4	0.3	0.1	0.1	0.2
Personal and laundry services	812	--	0.6	0.3	--	0.1
Religious, grantmaking, civic, professional, and similar organizations	813	0.3	0.2	--	--	0.1
State and local government⁴		--	--	--	--	--
State government⁴		--	--	--	--	--
Service providing		--	--	--	--	--
Educational and health services		--	--	--	--	--
Educational services		0.2	0.2	0.1	0.1	0.1
Educational services	611	0.2	0.2	0.1	0.1	0.1
Local government⁴		--	--	--	--	--

¹ Totals include data for industries not shown separately.

² 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>.

³ Days-away-from-work cases include those that result in days away from work with or without job transfer or restriction.

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.

⁸ Data too small to be displayed.

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 19, 2022

Table 3. Incidence rates¹ of nonfatal occupational injuries and illnesses by industry sector and employment size, Pennsylvania, 2021

Industry sector ²	All establishments	Establishment employment size (workers)				
		1 to 10	11 to 49	50 to 249	250 to 999	1,000 or more
All industries including state and local government³	3.1	--	2.8	4.2	3.4	3.1
Private industry³	2.9	0.9	2.5	3.7	3.4	3.4
Goods producing	3.5	--	4.1	4.1	3.1	2.5
Natural resources and mining^{3,4}	2.8	2.0	2.5	3.2	3.1	--
Agriculture, forestry, fishing and hunting³	3.8	--	4.2	4.2	3.7	--
Mining, quarrying, and oil and gas extraction⁴	1.8	3.1	1.4	1.5	2.7	--
Construction	2.7	--	3.9	3.0	1.3	--
Manufacturing	3.9	1.6	4.5	4.5	3.4	2.6
Service providing	2.8	0.8	2.2	3.6	3.4	3.5
Trade transportation and utilities	3.9	1.8	3.2	4.5	5.5	5.3
Wholesale trade	2.6	--	2.6	3.4	3.1	--
Retail trade	3.9	--	3.4	4.9	5.4	--
Transportation and warehousing⁵	5.4	--	3.8	4.9	7.0	6.4
Utilities	0.8	--	--	1.3	--	--
Information	0.6	--	--	1.2	0.2	--
Financial activities	0.3	--	0.3	--	0.2	(⁶)
Finance and insurance	0.1	--	--	--	0.1	(⁶)
Real estate and rental and leasing	--	--	1.1	--	0.5	--
Professional and business services	1.0	--	1.5	1.2	0.8	0.5
Professional, scientific, and technical services	0.7	--	1.1	--	0.5	0.2
Management of companies and enterprises	0.5	--	--	--	0.5	0.1
Administrative and support and waste management and remediation services	1.8	--	2.6	2.5	2.0	--
Educational and health services	4.0	--	2.4	5.2	4.7	4.5
Educational services	1.5	--	--	3.2	1.7	1.0
Health care and social assistance	4.4	--	2.4	5.4	5.1	5.6
Leisure and hospitality	3.4	--	3.0	5.1	4.2	5.7
Arts, entertainment, and recreation	3.2	--	--	4.3	4.7	4.0
Accommodation and food services	3.5	--	3.0	5.3	3.7	--
Other services (except public administration)	1.1	--	--	3.5	1.4	--
Other services (except public administration)	1.1	--	--	3.5	1.4	--
State and local government³	--	--	--	--	--	--
State government³	--	--	--	--	--	--
Local government³	--	--	--	--	--	--

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

N = number of injuries and illnesses

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 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>.

³ Excludes farms with fewer than 11 employees.

⁴ 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.

⁵ Data for employers in railroad transportation are provided to BLS by the Federal Railroad Administration, U.S. Department of Transportation.

⁶ Data too small to be displayed.

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 19, 2022

Table 4. Incidence rates¹ and numbers of nonfatal occupational injuries by selected industries, Pennsylvania, 2021

Industry ²	NAICS code ³	Incidence rates ¹	Numbers (in thousands)
All industries including state and local government⁴		2.7	122.4
Private industry⁴		2.5	102.0
Goods-producing⁴		3.2	25.5
Natural resources and mining^{4,5}		2.7	1.1
Agriculture, forestry, fishing and hunting⁴		3.7	0.7
Crop production ⁴	111	3.5	0.4
Animal production and aquaculture ⁴	112	4.2	0.2
Mining, quarrying, and oil and gas extraction⁵		1.7	0.4
Oil and gas extraction	211	2.1	0.1
Mining (except oil and gas) ⁶	212	3.0	0.3
Construction		2.6	6.1
Construction		2.6	6.1
Construction of buildings	236	2.4	1.3
Heavy and civil engineering construction	237	1.7	0.6
Specialty trade contractors	238	3.0	4.2
Manufacturing		3.5	18.3
Manufacturing		3.5	18.3
Food manufacturing	311	4.1	3.0
Beverage and tobacco product manufacturing	312	5.1	0.4
Textile mills	313	3.5	0.1
Apparel manufacturing	315	2.3	0.1
Wood product manufacturing	321	6.3	1.3
Paper manufacturing	322	2.6	0.6

Printing and related support activities	323	1.6	0.3
Chemical manufacturing	325	2.2	0.9
Plastics and rubber products manufacturing	326	3.1	1.2
Nonmetallic mineral product manufacturing	327	4.9	0.9
Primary metal manufacturing	331	4.0	1.3
Fabricated metal product manufacturing	332	4.6	3.4
Machinery manufacturing	333	3.3	1.4
Computer and electronic product manufacturing	334	1.0	0.3
Electrical equipment, appliance, and component manufacturing	335	3.1	0.8
Transportation equipment manufacturing	336	3.2	1.1
Furniture and related product manufacturing	337	4.7	0.7
Miscellaneous manufacturing	339	2.6	0.6
Service providing		2.4	76.5
Trade transportation and utilities		3.7	32.2
Wholesale trade		2.5	4.9
Merchant wholesalers, durable goods	423	2.6	2.6
Merchant wholesalers, nondurable goods	424	3.6	2.0
Retail trade		3.5	14.4
Motor vehicle and parts dealers	441	2.0	1.4
Furniture and home furnishings stores	442	3.4	0.4
Building material and garden equipment and supplies dealers	444	6.3	2.5
Food and beverage stores	445	4.4	3.9
Health and personal care stores	446	1.1	0.3
Gasoline stations	447	2.8	0.8
Sporting goods, hobby, musical instrument, and book stores	451	2.3	0.2
General merchandise stores	452	4.6	3.3
Transportation and warehousing⁷		5.2	12.8
Truck transportation	484	4.9	3.4
Transit and ground passenger transportation	485	1.5	0.2
Couriers and messengers	492	8.5	2.9
Warehousing and storage	493	5.6	5.2
Utilities		0.7	0.2
Utilities	221	0.7	0.2
Information		0.6	0.5
Information		0.6	0.5

Broadcasting (except internet)	515	1.8	0.1
Financial activities		0.3	0.8
Finance and insurance		0.1	0.2
Insurance carriers and related activities	524	0.1	0.1
Real estate and rental and leasing		--	--
Real estate	531	0.6	0.3
Professional and business services		0.9	6.6
Professional, scientific, and technical services		0.6	2.0
Professional, scientific, and technical services	541	0.6	2.0
Management of companies and enterprises		0.3	0.4
Administrative and support and waste management and remediation services		1.8	4.2
Administrative and support services	561	1.7	3.6
Waste management and remediation services	562	3.2	0.6
Educational and health services		3.0	27.8
Educational services		1.4	1.7
Educational services	611	1.4	1.7
Health care and social assistance		3.3	26.1
Ambulatory health care services	621	1.9	5.1
Hospitals	622	5.0	10.2
Nursing and residential care facilities	623	5.1	7.6
Social assistance	624	1.9	3.2
Leisure and hospitality		2.9	7.3
Arts, entertainment, and recreation		2.8	1.1
Amusement, gambling, and recreation industries	713	2.6	0.8
Accommodation and food services		3.0	6.2

Accommodation	721	4.0	1.0
Food services and drinking places	722	2.8	5.3
Other services (except public administration)		1.0	1.4
Other services (except public administration)		1.0	1.4
Repair and maintenance	811	0.9	0.4
Religious, grantmaking, civic, professional, and similar organizations	813	0.7	0.3
State and local government⁴		--	--
State government⁴		--	--
Service providing		--	--
Educational and health services		--	--
Educational services		1.0	0.2
Educational services	611	1.0	0.2
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.

Table 5. Incidence rates¹ and numbers of nonfatal occupational illnesses by industry sector and category of illness, Pennsylvania, 2021

Industry sector ²	Total cases	Skin disorders	Respiratory conditions	Poisonings	Hearing loss	All other illnesses	Total cases
	Incidence rates per 10,000 full-time workers ¹						
All industries including state and local government³	35.9	1.0	25.7	--	1.7	7.4	16.0
Private industry³	37.3	1.1	26.7	(⁶)	1.9	7.6	15.1
Goods producing	27.4	3.1	8.7	--	8.3	7.1	2.2
Natural resources and mining^{3,4}	9.4	--	4.0	--	--	4.0	(⁶)
Agriculture, forestry, fishing and hunting³	11.1	--	7.9	--	--	--	(⁶)
Mining, quarrying, and oil and gas extraction⁴	8.0	--	--	--	--	--	(⁶)
Construction	6.4	--	--	--	--	--	0.1
Manufacturing	37.9	3.4	12.8	--	12.5	9.2	2.0
Service providing	39.8	0.7	31.0	--	0.3	7.7	12.9
Trade transportation and utilities	29.0	--	13.7	--	0.9	13.9	2.6
Wholesale trade	17.5	--	--	--	--	16.4	0.3
Retail trade	39.5	0.5	22.3	--	--	15.8	1.6
Transportation and warehousing⁵	22.4	--	10.3	--	1.8	9.9	0.6
Financial activities	3.2	--	--	--	--	2.5	0.1
Finance and insurance	4.0	--	--	--	--	3.1	0.1
Professional and business services	7.3	--	5.5	--	--	1.3	0.5
Professional, scientific, and technical services	--	--	--	--	--	--	--
Management of companies and enterprises	14.7	--	14.7	--	--	--	0.2
Administrative and support and waste management and remediation services	4.3	--	--	--	--	2.0	0.1
Educational and health services	93.0	1.4	82.8	--	--	8.7	8.5
Educational services	13.8	--	3.8	--	--	6.3	0.2
Health care and social assistance	105.5	1.2	95.2	--	--	9.1	8.3
Leisure and hospitality	47.5	0.9	--	--	--	9.4	1.2
Arts, entertainment, and recreation	38.8	--	12.9	--	--	19.1	0.2
Accommodation and food services	--	--	--	--	--	7.6	--
Other services (except public administration)	5.9	--	--	--	--	4.6	0.1
Other services (except public administration)	5.9	--	--	--	--	4.6	0.1
State and local government³	--	--	--	--	--	--	--
State government³	--	--	--	--	--	--	--
Local government³	--	--	--	--	--	--	--

¹ 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).

² 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://>

³ Excludes farms with fewer than 11 employees.

⁴ 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 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, 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 indu

⁵ Data for employers in railroad transportation are provided to BLS by the Federal Railroad Administration, U.S. Department of Transportation.

⁶ Data too small to be displayed.

Skin disorders	Respiratory conditions	Poisonings	Hearing loss	All other illnesses
----------------	------------------------	------------	--------------	---------------------

Numbers of illnesses in thousands

0.5	11.5	--	0.8	3.3
0.5	10.8	(⁶)	0.8	3.1
0.2	0.7	--	0.7	0.6
--	(⁶)	--	--	(⁶)
--	(⁶)	--	--	--
--	--	--	--	--
--	--	--	--	--
0.2	0.7	--	0.7	0.5
0.2	10.1	--	0.1	2.5
--	1.2	--	0.1	1.2
--	--	--	--	0.3
(⁶)	0.9	--	--	0.7
--	0.3	--	(⁶)	0.2
--	--	--	--	0.1
--	--	--	--	0.1
--	0.4	--	--	0.1
--	--	--	--	--
--	0.2	--	--	--
--	--	--	--	(⁶)
0.1	7.5	--	--	0.8
--	(⁶)	--	--	0.1
0.1	7.5	--	--	0.7
(⁶)	--	--	--	0.2
--	0.1	--	--	0.1
--	--	--	--	0.2
--	--	--	--	0.1
--	--	--	--	0.1
--	--	--	--	--
--	--	--	--	--
--	--	--	--	--

[/www.bls.gov/opub/hom/soii/concepts.htm](http://www.bls.gov/opub/hom/soii/concepts.htm).

is those in oil and gas extraction and related support activities. Data for mining metal, and nonmetal mining industries. These data do not reflect changes the stries.

Table 6. Incidence rates¹ of nonfatal occupational injuries and illnesses by industry and case type, Pennsylvania, 2021

Industry ²	NAICS code ³	Total recordable cases	Cases with days away from work, job transfer, or restriction			Other recordable cases
			Total	Cases with days away from work ⁴	Cases with job transfer or restriction	
All industries including state and local government⁵		3.1	1.8	--	0.6	1.3
Private industry⁵		2.9	1.8	1.2	0.6	1.1
Goods-producing⁵		3.5	2.1	1.2	0.9	1.4
Natural resources and mining^{5,6}		2.8	1.7	1.2	0.5	1.1
Agriculture, forestry, fishing and hunting⁵		3.8	2.0	1.1	0.9	1.8
Crop production ⁵	111	3.7	1.8	1.1	0.7	2.0
Greenhouse, nursery, and floriculture production ⁵	1114	3.3	2.0	1.3	0.8	1.2
Food crops grown under cover ⁵	11141	3.4	2.4	1.5	0.9	1.0
Mushroom production ⁵	111411	2.8	2.4	1.4	1.0	0.4
Other food crops grown under cover ⁵	111419	4.7	2.3	1.6	--	2.4
Animal production and aquaculture ⁵	112	4.2	2.4	1.9	--	1.8
Poultry and egg production ⁵	1123	6.7	4.5	4.2	--	--
Mining, quarrying, and oil and gas extraction⁶		1.8	1.4	1.2	0.2	0.4
Oil and gas extraction	211	2.1	2.1	2.1	--	--
Oil and gas extraction	2111	2.1	2.1	2.1	--	--
Mining (except oil and gas) ⁷	212	3.2	2.3	1.9	0.4	0.8
Coal mining ⁷	2121	6.7	5.4	5.4	--	--
Coal mining ⁷	21211	6.7	5.4	5.4	--	--
Bituminous coal underground mining ⁷	212112	6.8	5.4	5.4	--	--
Nonmetallic mineral mining and quarrying ⁷	2123	2.9	2.1	1.7	0.4	0.8
Construction		2.7	1.6	1.2	0.4	1.1
Construction		2.7	1.6	1.2	0.4	1.1
Construction of buildings	236	2.4	1.4	0.8	0.6	1.0
Residential building construction	2361	2.9	1.6	1.1	0.6	1.2
Nonresidential building construction	2362	2.0	1.2	0.5	0.6	0.8

Heavy and civil engineering construction	237	1.9	1.2	1.0	0.1	0.7
Utility system construction	2371	1.3	1.0	0.9	--	0.3
Water and sewer line and related structures construction	23711	4.1	3.4	3.4	--	--
Oil and gas pipeline and related structures construction	23712	0.3	--	--	--	0.2
Highway, street, and bridge construction	2373	3.5	1.8	1.5	0.3	1.7
Specialty trade contractors	238	3.1	1.9	1.4	0.4	1.2
Foundation, structure, and building exterior contractors	2381	4.7	2.8	1.7	1.1	--
Poured concrete foundation and structure contractors	23811	3.0	2.6	--	1.2	0.4
Roofing contractors	23816	6.2	5.5	4.7	--	--
Building equipment contractors	2382	3.2	2.1	1.7	0.4	--
Electrical contractors and other wiring installation contractors	23821	2.9	1.8	1.6	--	1.1
Plumbing, heating, and air-conditioning contractors	23822	3.6	2.5	1.9	0.6	1.1
Building finishing contractors	2383	2.6	1.0	0.8	--	1.6
Other specialty trade contractors	2389	--	--	--	--	--
Site preparation contractors	23891	1.3	0.6	0.4	--	0.8
Manufacturing		3.9	2.4	1.2	1.2	1.5
Manufacturing		3.9	2.4	1.2	1.2	1.5
Food manufacturing	311	5.1	3.8	1.8	2.0	1.3
Sugar and confectionery product manufacturing	3113	2.8	1.9	0.7	1.2	1.0
Chocolate and confectionery manufacturing	31135	2.8	1.8	0.5	1.3	1.0
Fruit and vegetable preserving and specialty food manufacturing	3114	5.4	3.4	--	--	1.9
Dairy product manufacturing	3115	3.6	2.8	1.0	1.8	0.8
Animal slaughtering and processing	3116	7.0	5.1	2.3	2.8	1.9
Animal slaughtering and processing	31161	7.0	5.1	2.3	2.8	1.9
Animal (except poultry) slaughtering	311611	8.4	5.9	2.0	3.9	2.5
Meat processed from carcasses	311612	6.0	4.7	2.3	2.4	1.3
Poultry processing	311615	7.3	5.1	2.8	2.3	2.2
Bakeries and tortilla manufacturing	3118	3.6	3.2	2.3	0.9	0.4
Bread and bakery product manufacturing	31181	3.6	3.2	2.7	0.6	0.4
Other food manufacturing	3119	5.4	3.8	2.0	1.8	1.6
Snack food manufacturing	31191	5.8	3.7	1.9	1.8	2.1
Beverage and tobacco product manufacturing	312	5.9	4.5	2.6	1.8	1.4
Textile mills	313	3.5	2.3	1.3	1.0	--
Apparel manufacturing	315	2.3	1.9	--	0.8	--
Wood product manufacturing	321	6.8	4.2	2.1	2.1	2.6
Sawmills and wood preservation	3211	4.9	3.7	1.5	2.2	1.2
Veneer, plywood, and engineered wood product manufacturing	3212	3.7	2.1	1.5	--	1.6
Other wood product manufacturing	3219	7.8	4.8	2.4	2.4	3.1
Paper manufacturing	322	2.6	1.8	0.9	0.9	0.8
Pulp, paper, and paperboard mills	3221	1.6	1.1	--	0.6	0.6
Converted paper product manufacturing	3222	2.8	1.9	1.0	0.9	0.9
Paperboard container manufacturing	32221	3.2	2.1	1.0	1.1	1.1
Corrugated and solid fiber box manufacturing	322211	2.9	2.1	0.9	1.2	--
Printing and related support activities	323	1.7	1.2	0.6	0.6	0.5

Chemical manufacturing	325	2.3	1.7	0.8	0.8	0.6
Pharmaceutical and medicine manufacturing	3254	0.9	0.6	0.3	0.3	0.3
Pharmaceutical and medicine manufacturing	32541	0.9	0.6	0.3	0.3	0.3
Plastics and rubber products manufacturing	326	3.5	2.4	1.2	1.2	1.1
Plastics product manufacturing	3261	3.5	2.4	1.2	1.2	1.1
Rubber product manufacturing	3262	3.3	2.7	1.1	1.6	0.6
Nonmetallic mineral product manufacturing	327	5.1	3.5	1.8	1.8	1.6
Glass and glass product manufacturing	3272	3.3	2.0	1.0	1.0	1.3
Cement and concrete product manufacturing	3273	4.6	3.4	1.9	1.5	1.2
Primary metal manufacturing	331	4.7	2.6	1.6	1.0	2.1
Iron and steel mills and ferroalloy manufacturing	3311	3.7	2.6	2.3	0.3	1.1
Steel product manufacturing from purchased steel	3312	--	--	--	--	--
Iron and steel pipe and tube manufacturing from purchased steel	33121	3.3	1.3	0.7	0.6	2.0
Alumina and aluminum production and processing	3313	3.1	1.9	0.7	1.1	1.2
Nonferrous metal (except aluminum) production and processing	3314	5.2	2.8	1.4	1.4	2.5
Foundries	3315	8.4	3.9	1.9	1.9	4.5
Ferrous metal foundries	33151	9.4	4.4	1.7	2.7	5.0
Iron foundries	331511	8.6	4.0	2.0	2.1	4.5
Fabricated metal product manufacturing	332	4.9	2.5	1.2	1.2	2.4
Forging and stamping	3321	3.9	2.4	1.6	0.8	1.5
Forging and stamping	33211	3.9	2.4	1.6	0.8	1.5
Powder metallurgy part manufacturing	332117	3.0	2.1	1.3	0.8	--
Architectural and structural metals manufacturing	3323	6.2	3.7	1.6	2.1	2.5
Plate work and fabricated structural product manufacturing	33231	9.3	6.1	3.0	3.1	3.2
Ornamental and architectural metal products manufacturing	33232	4.3	2.3	0.7	1.6	2.0
Sheet metal work manufacturing	332322	4.2	2.3	--	1.9	1.9
Boiler, tank, and shipping container manufacturing	3324	4.0	1.8	1.0	0.8	2.2
Machine shops; turned product; and screw, nut, and bolt manufacturing	3327	3.7	1.3	0.8	0.5	2.4
Machine shops	33271	3.3	1.1	0.6	0.5	2.2
Turned product and screw, nut, and bolt manufacturing	33272	5.4	2.0	1.3	0.6	3.5
Coating, engraving, heat treating, and allied activities	3328	5.4	3.5	1.4	--	--
Machinery manufacturing	333	3.8	1.6	0.7	0.9	2.2
Agriculture, construction, and mining machinery manufacturing	3331	4.6	2.4	1.2	1.2	2.2
Industrial machinery manufacturing	3332	4.1	3.0	--	--	--
Ventilation, heating, air-conditioning, and commercial refrigeration equipment manufacturing	3334	2.8	1.8	1.0	0.8	0.9
Metalworking machinery manufacturing	3335	3.8	0.6	0.4	--	3.1
Metalworking machinery manufacturing	33351	3.8	0.6	0.4	--	3.1
Engine, turbine, and power transmission equipment manufacturing	3336	6.9	2.3	0.8	1.5	4.6
Other general purpose machinery manufacturing	3339	3.6	1.2	0.7	0.4	2.5
Computer and electronic product manufacturing	334	1.0	0.5	0.4	0.1	0.5
Communications equipment manufacturing	3342	--	--	--	--	--
Navigational, measuring, electromedical, and control instruments manufacturing	3345	0.8	0.7	0.6	--	0.1
Electrical equipment, appliance, and component manufacturing	335	3.3	1.2	0.6	0.6	2.0
Electrical equipment manufacturing	3353	1.5	0.8	--	0.8	0.7
Transportation equipment manufacturing	336	3.5	2.0	1.2	0.9	1.5

Motor vehicle body and trailer manufacturing	3362	6.6	3.2	1.8	1.4	3.4
Motor vehicle parts manufacturing	3363	3.5	2.1	1.3	0.8	1.4
Aerospace product and parts manufacturing	3364	1.4	0.5	0.2	0.3	0.9
Railroad rolling stock manufacturing	3365	1.4	0.7	--	--	0.8
Furniture and related product manufacturing	337	5.2	3.9	2.1	1.7	1.3
Household and institutional furniture and kitchen cabinet manufacturing	3371	6.0	4.7	--	2.3	1.3
Office furniture (including fixtures) manufacturing	3372	3.8	2.4	1.9	0.5	1.4
Miscellaneous manufacturing	339	2.7	1.7	0.9	0.8	1.0
Medical equipment and supplies manufacturing	3391	1.9	1.1	0.4	--	0.8
Other miscellaneous manufacturing	3399	3.8	2.5	1.6	--	--
Service providing		2.8	1.7	1.1	0.6	1.0
Trade transportation and utilities		3.9	2.7	1.7	1.1	1.2
Wholesale trade		2.6	1.7	0.9	0.8	0.9
Merchant wholesalers, durable goods	423	2.9	1.6	0.8	0.8	1.3
Motor vehicle and motor vehicle parts and supplies merchant wholesalers	4231	5.9	2.5	--	1.5	--
Lumber and other construction materials merchant wholesalers	4233	5.2	3.0	1.9	1.1	2.1
Hardware, and plumbing and heating equipment and supplies merchant wholesalers	4237	2.0	1.5	--	--	--
Machinery, equipment, and supplies merchant wholesalers	4238	2.6	1.8	0.6	1.1	0.9
Industrial machinery and equipment merchant wholesalers	42383	1.5	0.9	0.9	--	0.5
Merchant wholesalers, nondurable goods	424	3.7	2.8	1.5	1.3	0.9
Grocery and related product merchant wholesalers	4244	6.1	4.7	2.5	2.2	1.4
Petroleum and petroleum products merchant wholesalers	4247	6.8	5.3	5.3	--	--
Beer, wine, and distilled alcoholic beverage merchant wholesalers	4248	6.2	5.3	1.8	3.5	--
Retail trade		3.9	2.4	1.5	0.9	1.5
Motor vehicle and parts dealers	441	2.1	1.1	0.7	0.4	0.9
Furniture and home furnishings stores	442	3.4	2.7	2.2	--	--
Building material and garden equipment and supplies dealers	444	6.4	4.7	3.0	1.7	1.7
Building material and supplies dealers	4441	6.9	5.0	3.3	1.7	1.8
Food and beverage stores	445	4.9	2.8	2.0	0.9	2.0
Health and personal care stores	446	1.1	0.2	0.2	--	0.9
Gasoline stations	447	4.1	2.3	1.4	0.9	1.8
Sporting goods, hobby, musical instrument, and book stores	451	2.5	1.1	--	0.9	1.4
General merchandise stores	452	5.5	3.4	1.9	1.5	2.1
Department stores	4522	6.6	4.3	3.1	1.3	2.3
General merchandise stores, including warehouse clubs and supercenters	4523	5.0	3.0	1.4	1.6	2.0
Miscellaneous store retailers	453	3.2	2.8	--	1.4	--
Transportation and warehousing⁸		5.4	4.4	2.7	1.7	1.0

Truck transportation	484	4.9	3.8	2.8	1.0	1.1
General freight trucking	4841	5.3	4.0	2.6	1.4	1.3
General freight trucking, local	48411	4.7	3.1	1.5	--	1.6
General freight trucking, long-distance	48412	5.6	4.3	3.1	1.2	1.2
Specialized freight trucking	4842	4.0	3.4	3.2	0.2	0.6
Specialized freight (except used goods) trucking, local	48422	4.3	3.8	3.6	--	--
Specialized freight (except used goods) trucking, long-distance	48423	3.8	3.6	3.4	--	--
Transit and ground passenger transportation	485	1.5	1.2	0.9	--	0.3
School and employee bus transportation	4854	1.5	1.2	0.9	0.2	0.3
Couriers and messengers	492	9.1	7.3	4.4	2.9	1.8
Warehousing and storage	493	5.9	5.1	2.7	2.4	0.8
Utilities		0.8	0.6	--	0.4	--
Utilities	221	0.8	0.6	--	0.4	--
Electric power generation, transmission and distribution	2211	1.0	0.7	--	0.5	--
Information		0.6	0.4	0.2	0.2	0.2
Information		0.6	0.4	0.2	0.2	0.2
Publishing industries (except internet)	511	--	--	--	--	--
Newspaper, periodical, book, and directory publishers	5111	--	0.2	0.2	--	--
Broadcasting (except internet)	515	1.8	1.4	--	0.7	--
Financial activities		0.3	0.2	0.1	(⁹)	--
Finance and insurance		0.1	(⁹)	(⁹)	--	0.1
Insurance carriers and related activities	524	0.2	--	--	--	0.2
Real estate and rental and leasing		--	0.9	0.6	0.2	--
Real estate	531	0.6	0.4	--	0.1	0.2
Rental and leasing services	532	--	--	--	--	--
Commercial and industrial machinery and equipment rental and leasing	5324	3.1	2.8	1.3	1.5	--
Professional and business services		1.0	0.6	0.4	0.1	0.4
Professional, scientific, and technical services		0.7	0.2	--	(⁹)	0.4
Professional, scientific, and technical services	541	0.7	0.2	--	(⁹)	0.4
Architectural, engineering, and related services	5413	--	--	--	--	--
Testing laboratories	54138	0.4	0.3	0.2	--	--
Scientific research and development services	5417	0.3	0.1	0.1	0.1	0.2
Advertising, public relations, and related services	5418	1.0	0.6	--	0.4	0.4

Management of companies and enterprises		0.5	0.2	0.2	--	0.2
Administrative and support and waste management and remediation services		1.8	1.3	0.9	0.4	0.6
Administrative and support services	561	1.7	1.1	0.9	0.3	0.6
Business support services	5614	1.5	1.4	--	1.3	--
Investigation and security services	5616	1.3	0.6	0.5	--	0.7
Services to buildings and dwellings	5617	2.4	1.3	1.0	0.3	--
Janitorial services	56172	2.4	1.3	0.9	0.3	1.1
Landscaping services	56173	--	0.9	0.7	0.2	--
Waste management and remediation services	562	3.3	2.8	1.7	1.1	0.5
Waste collection	5621	--	5.2	--	2.0	0.6
Waste collection	56211	--	5.2	--	2.0	0.6
Solid waste collection	562111	--	5.8	--	2.2	0.7
Waste treatment and disposal	5622	2.3	1.3	--	0.6	1.0
Educational and health services		4.0	2.3	1.7	0.6	1.7
Educational services		1.5	0.6	0.3	0.3	0.9
Educational services	611	1.5	0.6	0.3	0.3	0.9
Elementary and secondary schools	6111	4.2	1.4	0.5	0.9	2.8
Colleges, universities, and professional schools	6113	1.1	0.5	0.4	0.2	0.5
Health care and social assistance		4.4	2.6	1.9	0.7	1.8
Ambulatory health care services	621	2.3	1.1	0.9	0.2	1.2
Offices of physicians	6211	2.0	0.4	0.3	0.1	1.6
Other ambulatory health care services	6219	3.6	1.9	1.3	0.7	1.7
Ambulance services	62191	6.1	3.2	2.3	0.9	2.9
Hospitals	622	6.4	3.4	2.4	1.0	3.0
Nursing and residential care facilities	623	7.8	5.9	4.2	1.7	1.9
Nursing care facilities (skilled nursing facilities)	6231	10.4	8.7	6.7	2.1	1.7
Continuing care retirement communities and assisted living facilities for the elderly	6233	8.7	6.6	4.6	2.0	2.2
Social assistance	624	2.2	1.0	0.8	0.2	1.1
Child day care services	6244	3.5	1.1	0.9	--	2.5
Leisure and hospitality		3.4	1.8	1.3	0.5	1.6
Arts, entertainment, and recreation		3.2	1.8	1.1	0.6	1.4
Amusement, gambling, and recreation industries	713	3.0	1.8	1.3	0.6	1.2
Amusement parks and arcades	7131	7.9	6.1	3.5	2.5	1.9
Gambling industries	7132	1.9	1.2	0.7	0.5	0.7

Other amusement and recreation industries	7139	2.7	1.5	1.1	0.3	1.2
Accommodation and food services		3.5	1.8	1.4	0.4	1.6
Accommodation	721	4.1	2.1	1.3	0.8	2.0
Food services and drinking places	722	3.4	1.8	1.4	0.4	1.6
Restaurants and other eating places	7225	3.7	1.9	1.5	0.4	1.8
Restaurants and other eating places	72251	3.7	1.9	1.5	0.4	1.8
Full-service restaurants	722511	3.1	1.5	1.3	0.3	1.6
Limited-service restaurants	722513	4.4	2.3	1.9	0.4	2.1
Other services (except public administration)		1.1	0.8	0.4	--	0.3
Other services (except public administration)		1.1	0.8	0.4	--	0.3
Repair and maintenance	811	1.0	0.6	0.3	0.3	0.4
Automotive repair and maintenance	8111	0.7	0.5	0.1	0.4	--
Commercial and industrial machinery and equipment (except automotive and electronic) repair and maintenance	8113	1.7	0.9	0.9	--	0.9
Personal and laundry services	812	--	1.4	0.6	--	0.1
Religious, grantmaking, civic, professional, and similar organizations	813	0.7	0.4	--	--	0.3
State and local government⁵		--	--	--	--	--
State government⁵		--	--	--	--	--
Service providing		--	--	--	--	--
Educational and health services		--	--	--	--	--
Educational services		1.0	0.6	0.4	0.2	0.4
Educational services	611	1.0	0.6	0.4	0.2	0.4
Colleges, universities, and professional schools	6113	1.0	0.6	0.4	0.2	0.4
Local government⁵		--	--	--	--	--

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

N = number of injuries and illnesses

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 Days-away-from-work cases include those that result in days away from work with or without job transfer or restriction.

⁵ Excludes farms with fewer than 11 employees.

⁶ 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.

⁷ 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.

⁸ Data for employers in rail transportation are provided to BLS by the Federal Railroad Administration, U.S. Department of Transportation.

⁹ Data too small to be displayed

Table 7. Numbers of nonfatal occupational injuries and illnesses by industry and case types, Pennsylvania, 2021

(In thousands)

Industry ¹	NAICS code ²	Total recordable cases	Cases with days away from work, job transfer, or restriction			Other recordable cases
			Total	Cases with days away from work ³	Cases with job transfer or restriction	
All industries including state and local government⁴		138.4	79.4	--	26.9	59.0
Private industry⁴		117.1	72.6	46.9	25.7	44.6
Goods-producing⁴		27.7	16.9	9.7	7.3	10.7
Natural resources and mining^{4,5}		1.1	0.7	0.5	0.2	0.4
Agriculture, forestry, fishing and hunting⁴		0.7	0.4	0.2	0.2	0.4
Crop production ⁴	111	0.4	0.2	0.1	0.1	0.2
Greenhouse, nursery, and floriculture production ⁴	1114	0.3	0.2	0.1	0.1	0.1
Food crops grown under cover ⁴	11141	0.2	0.2	0.1	0.1	0.1
Mushroom production ⁴	111411	0.1	0.1	0.1	(⁸)	(⁸)
Other food crops grown under cover ⁴	111419	0.1	(⁸)	(⁸)	--	(⁸)
Animal production and aquaculture ⁴	112	0.2	0.1	0.1	--	0.1
Poultry and egg production ⁴	1123	0.1	0.1	0.1	--	--
Mining, quarrying, and oil and gas extraction⁵		0.4	0.3	0.3	(⁸)	0.1
Oil and gas extraction	211	0.1	0.1	0.1	--	--
Oil and gas extraction	2111	0.1	0.1	0.1	--	--
Mining (except oil and gas) ⁶	212	0.3	0.2	0.2	(⁸)	0.1
Coal mining ⁶	2121	(⁸)	(⁸)	(⁸)	--	--
Coal mining ⁶	21211	(⁸)	(⁸)	(⁸)	--	--
Bituminous coal underground mining ⁶	212112	(⁸)	(⁸)	(⁸)	--	--
Nonmetallic mineral mining and quarrying ⁶	2123	0.2	0.2	0.1	(⁸)	0.1
Construction		6.2	3.8	2.8	1.0	2.5
Construction		6.2	3.8	2.8	1.0	2.5
Construction of buildings	236	1.3	0.7	0.4	0.3	0.5
Residential building construction	2361	0.7	0.4	0.3	0.1	0.3
Nonresidential building construction	2362	0.6	0.3	0.2	0.2	0.2

Heavy and civil engineering construction	237	0.7	0.4	0.4	0.1	0.3
Utility system construction	2371	0.3	0.2	0.2	--	0.1
Water and sewer line and related structures construction	23711	0.3	0.2	0.2	--	--
Oil and gas pipeline and related structures construction	23712	(⁸)	--	--	--	(⁸)
Highway, street, and bridge construction	2373	0.4	0.2	0.2	(⁸)	0.2
Specialty trade contractors	238	4.2	2.6	2.0	0.6	1.7
Foundation, structure, and building exterior contractors	2381	1.1	0.7	0.4	0.3	--
Poured concrete foundation and structure contractors	23811	0.2	0.1	--	0.1	(⁸)
Roofing contractors	23816	0.4	0.3	0.3	--	--
Building equipment contractors	2382	2.2	1.4	1.2	0.3	--
Electrical contractors and other wiring installation contractors	23821	0.8	0.5	0.4	--	0.3
Plumbing, heating, and air-conditioning contractors	23822	1.3	0.9	0.7	0.2	0.4
Building finishing contractors	2383	0.5	0.2	0.2	--	0.3
Other specialty trade contractors	2389	--	--	--	--	--
Site preparation contractors	23891	0.2	0.1	0.1	--	0.1
Manufacturing		20.3	12.5	6.4	6.1	7.8
Manufacturing		20.3	12.5	6.4	6.1	7.8
Food manufacturing	311	3.7	2.7	1.3	1.4	0.9
Sugar and confectionery product manufacturing	3113	0.3	0.2	0.1	0.1	0.1
Chocolate and confectionery manufacturing	31135	0.2	0.1	(⁸)	0.1	0.1
Fruit and vegetable preserving and specialty food manufacturing	3114	0.4	0.2	--	--	0.1
Dairy product manufacturing	3115	0.3	0.2	0.1	0.1	0.1
Animal slaughtering and processing	3116	1.3	0.9	0.4	0.5	0.4
Animal slaughtering and processing	31161	1.3	0.9	0.4	0.5	0.4
Animal (except poultry) slaughtering	311611	0.5	0.4	0.1	0.2	0.2
Meat processed from carcasses	311612	0.4	0.3	0.2	0.2	0.1
Poultry processing	311615	0.3	0.2	0.1	0.1	0.1
Bakeries and tortilla manufacturing	3118	0.5	0.4	0.3	0.1	(⁸)
Bread and bakery product manufacturing	31181	0.4	0.3	0.3	0.1	(⁸)
Other food manufacturing	3119	0.6	0.4	0.2	0.2	0.2
Snack food manufacturing	31191	0.4	0.2	0.1	0.1	0.1
Beverage and tobacco product manufacturing	312	0.5	0.4	0.2	0.1	0.1
Textile mills	313	0.1	0.1	(⁸)	(⁸)	--
Apparel manufacturing	315	0.1	0.1	--	(⁸)	--
Wood product manufacturing	321	1.4	0.9	0.4	0.4	0.5
Sawmills and wood preservation	3211	0.2	0.1	0.1	0.1	(⁸)
Veneer, plywood, and engineered wood product manufacturing	3212	0.1	0.1	(⁸)	--	(⁸)
Other wood product manufacturing	3219	1.1	0.7	0.3	0.3	0.4
Paper manufacturing	322	0.6	0.4	0.2	0.2	0.2
Pulp, paper, and paperboard mills	3221	(⁸)	(⁸)	--	(⁸)	(⁸)
Converted paper product manufacturing	3222	0.5	0.4	0.2	0.2	0.2
Paperboard container manufacturing	32221	0.3	0.2	0.1	0.1	0.1
Corrugated and solid fiber box manufacturing	322211	0.2	0.1	0.1	0.1	--
Printing and related support activities	323	0.3	0.2	0.1	0.1	0.1

Chemical manufacturing	325	0.9	0.7	0.3	0.3	0.3
Pharmaceutical and medicine manufacturing	3254	0.2	0.1	0.1	0.1	0.1
Pharmaceutical and medicine manufacturing	32541	0.2	0.1	0.1	0.1	0.1
Plastics and rubber products manufacturing	326	1.3	0.9	0.4	0.5	0.4
Plastics product manufacturing	3261	1.2	0.8	0.4	0.4	0.4
Rubber product manufacturing	3262	0.1	0.1	0.1	0.1	(⁸)
Nonmetallic mineral product manufacturing	327	0.9	0.7	0.3	0.3	0.3
Glass and glass product manufacturing	3272	0.1	0.1	(⁸)	(⁸)	0.1
Cement and concrete product manufacturing	3273	0.4	0.3	0.2	0.1	0.1
Primary metal manufacturing	331	1.5	0.8	0.5	0.3	0.7
Iron and steel mills and ferroalloy manufacturing	3311	0.4	0.3	0.2	(⁸)	0.1
Steel product manufacturing from purchased steel	3312	--	--	--	--	--
Iron and steel pipe and tube manufacturing from purchased steel	33121	0.1	(⁸)	(⁸)	(⁸)	0.1
Alumina and aluminum production and processing	3313	0.1	0.1	(⁸)	(⁸)	(⁸)
Nonferrous metal (except aluminum) production and processing	3314	0.3	0.1	0.1	0.1	0.1
Foundries	3315	0.6	0.3	0.1	0.1	0.3
Ferrous metal foundries	33151	0.5	0.2	0.1	0.1	0.2
Iron foundries	331511	0.3	0.1	0.1	0.1	0.2
Fabricated metal product manufacturing	332	3.6	1.9	0.9	0.9	1.8
Forging and stamping	3321	0.3	0.2	0.1	0.1	0.1
Forging and stamping	33211	0.3	0.2	0.1	0.1	0.1
Powder metallurgy part manufacturing	332117	0.1	0.1	0.1	(⁸)	--
Architectural and structural metals manufacturing	3323	1.3	0.8	0.3	0.5	0.5
Plate work and fabricated structural product manufacturing	33231	0.8	0.5	0.3	0.3	0.3
Ornamental and architectural metal products manufacturing	33232	0.6	0.3	0.1	0.2	0.3
Sheet metal work manufacturing	332322	0.2	0.1	--	0.1	0.1
Boiler, tank, and shipping container manufacturing	3324	0.2	0.1	(⁸)	(⁸)	0.1
Machine shops; turned product; and screw, nut, and bolt manufacturing	3327	0.7	0.2	0.1	0.1	0.4
Machine shops	33271	0.5	0.2	0.1	0.1	0.3
Turned product and screw, nut, and bolt manufacturing	33272	0.2	0.1	(⁸)	(⁸)	0.1
Coating, engraving, heat treating, and allied activities	3328	0.3	0.2	0.1	--	--
Machinery manufacturing	333	1.6	0.7	0.3	0.4	0.9
Agriculture, construction, and mining machinery manufacturing	3331	0.3	0.2	0.1	0.1	0.2
Industrial machinery manufacturing	3332	0.2	0.2	--	--	--
Ventilation, heating, air-conditioning, and commercial refrigeration equipment manufacturing	3334	0.1	0.1	(⁸)	(⁸)	(⁸)
Metalworking machinery manufacturing	3335	0.3	0.1	(⁸)	--	0.3
Metalworking machinery manufacturing	33351	0.3	0.1	(⁸)	--	0.3
Engine, turbine, and power transmission equipment manufacturing	3336	0.1	(⁸)	(⁸)	(⁸)	0.1
Other general purpose machinery manufacturing	3339	0.4	0.1	0.1	(⁸)	0.3
Computer and electronic product manufacturing	334	0.3	0.1	0.1	(⁸)	0.1
Communications equipment manufacturing	3342	--	--	--	--	--
Navigational, measuring, electromedical, and control instruments manufacturing	3345	0.1	0.1	0.1	--	(⁸)
Electrical equipment, appliance, and component manufacturing	335	0.9	0.3	0.2	0.2	0.5
Electrical equipment manufacturing	3353	0.1	0.1	--	0.1	(⁸)
Transportation equipment manufacturing	336	1.2	0.7	0.4	0.3	0.5

Motor vehicle body and trailer manufacturing	3362	0.4	0.2	0.1	0.1	0.2
Motor vehicle parts manufacturing	3363	0.2	0.1	0.1	0.1	0.1
Aerospace product and parts manufacturing	3364	0.1	(⁸)	(⁸)	(⁸)	0.1
Railroad rolling stock manufacturing	3365	0.1	(⁸)	--	--	(⁸)
Furniture and related product manufacturing	337	0.8	0.6	0.3	0.3	0.2
Household and institutional furniture and kitchen cabinet manufacturing	3371	0.5	0.4	--	0.2	0.1
Office furniture (including fixtures) manufacturing	3372	0.2	0.1	0.1	(⁸)	0.1
Miscellaneous manufacturing	339	0.6	0.4	0.2	0.2	0.2
Medical equipment and supplies manufacturing	3391	0.3	0.2	0.1	--	0.1
Other miscellaneous manufacturing	3399	0.3	0.2	0.1	--	--
Service providing		89.4	55.6	37.2	18.4	33.8
Trade transportation and utilities		34.8	24.1	14.6	9.6	10.6
Wholesale trade		5.2	3.4	1.8	1.6	1.8
Merchant wholesalers, durable goods	423	2.9	1.6	0.8	0.8	1.3
Motor vehicle and motor vehicle parts and supplies merchant wholesalers	4231	1.0	0.4	--	0.3	--
Lumber and other construction materials merchant wholesalers	4233	0.5	0.3	0.2	0.1	0.2
Hardware, and plumbing and heating equipment and supplies merchant wholesalers	4237	0.2	0.1	--	--	--
Machinery, equipment, and supplies merchant wholesalers	4238	0.6	0.4	0.1	0.3	0.2
Industrial machinery and equipment merchant wholesalers	42383	0.2	0.1	0.1	--	0.1
Merchant wholesalers, nondurable goods	424	2.1	1.6	0.9	0.7	0.5
Grocery and related product merchant wholesalers	4244	1.3	1.0	0.5	0.5	0.3
Petroleum and petroleum products merchant wholesalers	4247	0.2	0.2	0.2	--	--
Beer, wine, and distilled alcoholic beverage merchant wholesalers	4248	0.2	0.2	0.1	0.1	--
Retail trade		16.0	9.8	6.2	3.6	6.2
Motor vehicle and parts dealers	441	1.4	0.8	0.5	0.3	0.6
Furniture and home furnishings stores	442	0.4	0.3	0.2	--	--
Building material and garden equipment and supplies dealers	444	2.5	1.9	1.2	0.7	0.7
Building material and supplies dealers	4441	2.3	1.7	1.1	0.6	0.6
Food and beverage stores	445	4.3	2.5	1.8	0.8	1.8
Health and personal care stores	446	0.3	0.1	0.1	--	0.2
Gasoline stations	447	1.2	0.7	0.4	0.3	0.5
Sporting goods, hobby, musical instrument, and book stores	451	0.2	0.1	--	0.1	0.1
General merchandise stores	452	3.9	2.4	1.4	1.1	1.5
Department stores	4522	1.5	1.0	0.7	0.3	0.5
General merchandise stores, including warehouse clubs and supercenters	4523	2.4	1.4	0.7	0.8	1.0
Miscellaneous store retailers	453	0.6	0.5	--	0.3	--
Transportation and warehousing⁷		13.3	10.8	6.6	4.2	2.6

Truck transportation	484	3.4	2.6	1.9	0.7	0.8
General freight trucking	4841	2.7	2.0	1.3	0.7	0.7
General freight trucking, local	48411	0.7	0.5	0.2	--	0.2
General freight trucking, long-distance	48412	1.9	1.5	1.1	0.4	0.4
Specialized freight trucking	4842	0.7	0.6	0.6	(⁸)	0.1
Specialized freight (except used goods) trucking, local	48422	0.5	0.5	0.4	--	--
Specialized freight (except used goods) trucking, long-distance	48423	0.1	0.1	0.1	--	--
Transit and ground passenger transportation	485	0.2	0.2	0.1	--	(⁸)
School and employee bus transportation	4854	0.1	0.1	0.1	(⁸)	(⁸)
Couriers and messengers	492	3.1	2.5	1.5	1.0	0.6
Warehousing and storage	493	5.5	4.8	2.5	2.2	0.8
Utilities			0.2	0.1	--	0.1
Utilities	221	0.2	0.1	--	0.1	--
Electric power generation, transmission and distribution	2211	0.2	0.1	--	0.1	--
Information			0.5	0.3	0.2	0.1
Information			0.5	0.3	0.2	0.1
Publishing industries (except internet)	511	--	--	--	--	--
Newspaper, periodical, book, and directory publishers	5111	--	(⁸)	(⁸)	--	--
Broadcasting (except internet)	515	0.1	0.1	--	(⁸)	--
Financial activities			0.9	0.5	0.4	0.1
Finance and insurance			0.3	(⁸)	(⁸)	--
Insurance carriers and related activities	524	0.2	--	--	--	0.2
Real estate and rental and leasing			--	0.5	0.4	0.1
Real estate	531	0.3	0.2	--	(⁸)	0.1
Rental and leasing services	532	--	--	--	--	--
Commercial and industrial machinery and equipment rental and leasing	5324	0.2	0.2	0.1	0.1	--
Professional and business services			7.1	4.0	3.0	1.0
Professional, scientific, and technical services			2.2	0.7	--	0.1
Professional, scientific, and technical services	541	2.2	0.7	--	0.1	1.5
Architectural, engineering, and related services	5413	--	--	--	--	--
Testing laboratories	54138	(⁸)	(⁸)	(⁸)	--	--
Scientific research and development services	5417	0.1	(⁸)	(⁸)	(⁸)	0.1
Advertising, public relations, and related services	5418	0.1	0.1	--	0.1	0.1

Management of companies and enterprises		0.6	0.3	0.3	--	0.3
Administrative and support and waste management and remediation services		4.3	3.0	2.1	0.8	1.3
Administrative and support services	561	3.7	2.4	1.8	0.6	1.2
Business support services	5614	0.3	0.3	--	0.3	--
Investigation and security services	5616	0.4	0.2	0.2	--	0.2
Services to buildings and dwellings	5617	1.4	0.7	0.6	0.2	--
Janitorial services	56172	0.6	0.3	0.2	0.1	0.3
Landscaping services	56173	--	0.2	0.2	0.1	--
Waste management and remediation services	562	0.6	0.5	0.3	0.2	0.1
Waste collection	5621	--	0.5	--	0.2	0.1
Waste collection	56211	--	0.5	--	0.2	0.1
Solid waste collection	562111	--	0.5	--	0.2	0.1
Waste treatment and disposal	5622	0.1	0.1	--	(⁸)	(⁸)
Educational and health services		36.3	21.1	15.2	5.9	15.2
Educational services		1.9	0.8	0.4	0.3	1.1
Educational services	611	1.9	0.8	0.4	0.3	1.1
Elementary and secondary schools	6111	1.0	0.3	0.1	0.2	0.7
Colleges, universities, and professional schools	6113	0.9	0.4	0.3	0.1	0.4
Health care and social assistance		34.4	20.3	14.8	5.6	14.1
Ambulatory health care services	621	6.0	2.9	2.3	0.6	3.1
Offices of physicians	6211	2.0	0.4	0.3	0.1	1.6
Other ambulatory health care services	6219	0.7	0.4	0.2	0.1	0.3
Ambulance services	62191	0.6	0.3	0.2	0.1	0.3
Hospitals	622	13.3	7.0	4.9	2.1	6.2
Nursing and residential care facilities	623	11.5	8.7	6.2	2.5	2.8
Nursing care facilities (skilled nursing facilities)	6231	4.9	4.1	3.1	1.0	0.8
Continuing care retirement communities and assisted living facilities for the elderly	6233	4.1	3.1	2.2	0.9	1.0
Social assistance	624	3.6	1.7	1.4	0.4	1.9
Child day care services	6244	1.0	0.3	0.2	--	0.7
Leisure and hospitality		8.5	4.5	3.3	1.2	4.0
Arts, entertainment, and recreation		1.2	0.7	0.4	0.3	0.5
Amusement, gambling, and recreation industries	713	0.9	0.6	0.4	0.2	0.4
Amusement parks and arcades	7131	0.2	0.2	0.1	0.1	0.1
Gambling industries	7132	0.1	0.1	(⁸)	(⁸)	(⁸)

Other amusement and recreation industries	7139	0.6	0.3	0.3	0.1	0.3
Accommodation and food services		7.2	3.8	2.9	0.9	3.4
Accommodation	721	1.0	0.5	0.3	0.2	0.5
Food services and drinking places	722	6.3	3.3	2.6	0.7	3.0
Restaurants and other eating places	7225	6.0	3.1	2.5	0.6	2.9
Restaurants and other eating places	72251	6.0	3.1	2.5	0.6	2.9
Full-service restaurants	722511	2.4	1.2	1.0	0.2	1.2
Limited-service restaurants	722513	3.3	1.7	1.4	0.3	1.6
Other services (except public administration)		1.4	1.1	0.5	--	0.4
Other services (except public administration)		1.4	1.1	0.5	--	0.4
Repair and maintenance	811	0.4	0.3	0.1	0.1	0.2
Automotive repair and maintenance	8111	0.2	0.1	(⁸)	0.1	--
Commercial and industrial machinery and equipment (except automotive and electronic) repair and maintenance	8113	0.2	0.1	0.1	--	0.1
Personal and laundry services	812	--	0.6	0.3	--	0.1
Religious, grantmaking, civic, professional, and similar organizations	813	0.3	0.2	--	--	0.1
State and local government⁴		--	--	--	--	--
State government⁴		--	--	--	--	--
Service providing		--	--	--	--	--
Educational and health services		--	--	--	--	--
Educational services		0.2	0.2	0.1	0.1	0.1
Educational services	611	0.2	0.2	0.1	0.1	0.1
Colleges, universities, and professional schools	6113	0.2	0.2	0.1	0.1	0.1
Local government⁴		--	--	--	--	--

¹ Totals include data for industries not shown separately.

² 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>.

³ Days-away-from-work cases include those that result in days away from work with or without job transfer or restriction.

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.

⁸ Data too small to be displayed.

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 19, 2022

Table 8. Incidence rates¹ of nonfatal occupational illnesses by selected industries and category of illness, Pennsylvania, 2021

Industry ²	NAICS code ³	Incidence rates per 10,000 full-time workers ¹					
		Total cases	Skin disorders	Respiratory conditions	Poisonings	Hearing loss	All other illnesses
All industries including state and local government⁴		35.9	1.0	25.7	--	1.7	7.4
Private industry⁴		37.3	1.1	26.7	(⁵)	1.9	7.6
Goods producing⁴		27.4	3.1	8.7	--	8.3	7.1
Natural resources and mining^{4,6}		9.4	--	4.0	--	--	4.0
Agriculture, forestry, fishing and hunting⁴		11.1	--	7.9	--	--	--
Crop production ⁴	111	20.4	--	14.6	--	--	--
Mining, quarrying, and oil and gas extraction⁶		8.0	--	--	--	--	--
Mining (except oil and gas) ⁷	212	18.7	--	--	--	--	--
Construction		6.4	--	--	--	--	--
Construction		6.4	--	--	--	--	--
Specialty trade contractors	238	5.9	--	--	--	--	--
Manufacturing		37.9	3.4	12.8	--	12.5	9.2
Manufacturing		37.9	3.4	12.8	--	12.5	9.2
Food manufacturing	311	96.7	--	44.4	--	15.5	34.8
Beverage and tobacco product manufacturing	312	78.0	--	--	--	--	--
Wood product manufacturing	321	51.1	--	--	--	36.4	--
Paper manufacturing	322	--	--	--	--	--	--
Chemical manufacturing	325	10.5	--	5.0	--	--	--
Plastics and rubber products manufacturing	326	32.3	--	16.6	--	12.8	--
Nonmetallic mineral product manufacturing	327	16.4	--	--	--	--	--
Primary metal manufacturing	331	69.8	--	17.5	--	44.7	--

Fabricated metal product manufacturing	332	29.0	3.8	3.9	--	11.9	--
Machinery manufacturing	333	49.8	--	--	--	--	4.8
Computer and electronic product manufacturing	334	--	--	--	--	--	--
Electrical equipment, appliance, and component manufacturing	335	--	--	--	--	--	--
Transportation equipment manufacturing	336	34.3	--	11.0	--	12.7	8.3
Furniture and related product manufacturing	337	47.0	--	--	--	--	--
Miscellaneous manufacturing	339	6.8	--	--	--	--	--
Service providing		39.8	0.7	31.0	--	0.3	7.7
Trade transportation and utilities		29.0	--	13.7	--	0.9	13.9
Wholesale trade		17.5	--	--	--	--	16.4
Retail trade		39.5	0.5	22.3	--	--	15.8
Motor vehicle and parts dealers	441	10.6	--	--	--	--	--
Building material and garden equipment and supplies dealers	444	9.9	--	--	--	--	9.9
Food and beverage stores	445	51.0	--	38.2	--	--	12.9
Gasoline stations	447	130.4	--	--	--	--	130.4
Sporting goods, hobby, musical instrument, and book stores	451	--	--	--	--	--	--
General merchandise stores	452	85.7	--	75.9	--	--	8.4
Transportation and warehousing⁸		22.4	--	10.3	--	1.8	9.9
Truck transportation	484	--	--	--	--	--	--
Couriers and messengers	492	57.3	--	--	--	8.4	46.7
Warehousing and storage	493	31.0	--	--	--	--	4.8
Financial activities		3.2	--	--	--	--	2.5
Finance and insurance		4.0	--	--	--	--	3.1
Insurance carriers and related activities	524	6.5	--	--	--	--	6.5
Professional and business services		7.3	--	5.5	--	--	1.3
Professional, scientific, and technical services		--	--	--	--	--	--
Management of companies and enterprises		14.7	--	14.7	--	--	--
Administrative and support and waste management and remediation services		4.3	--	--	--	--	2.0
Administrative and support services	561	3.7	--	--	--	--	2.2
Educational and health services		93.0	1.4	82.8	--	--	8.7

Educational services		13.8	--	3.8	--	--	6.3
Educational services	611	13.8	--	3.8	--	--	6.3
Health care and social assistance		105.5	1.2	95.2	--	--	9.1
Ambulatory health care services	621	36.6	--	30.8	--	--	5.7
Hospitals	622	147.0	1.7	132.8	--	--	12.4
Nursing and residential care facilities	623	267.9	--	254.5	--	--	12.7
Social assistance	624	21.7	2.8	11.8	--	--	7.1
Leisure and hospitality		47.5	0.9	--	--	--	9.4
Arts, entertainment, and recreation		38.8	--	12.9	--	--	19.1
Amusement, gambling, and recreation industries	713	42.6	--	14.6	--	--	--
Accommodation and food services		--	--	--	--	--	7.6
Accommodation	721	10.1	--	--	--	--	--
Food services and drinking places	722	--	--	--	--	--	7.9
Other services (except public administration)		5.9	--	--	--	--	4.6
Other services (except public administration)		5.9	--	--	--	--	4.6
Personal and laundry services	812	7.9	--	--	--	--	7.9
State and local government⁴		--	--	--	--	--	--
State government⁴		--	--	--	--	--	--
Service providing		--	--	--	--	--	--
Educational and health services		--	--	--	--	--	--
Educational services		--	--	--	--	--	--
Educational services	611	--	--	--	--	--	--
Local government⁴		--	--	--	--	--	--

¹ 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).

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 too small to be displayed.

⁶ 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.

⁷ 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.

Table 9. Numbers of nonfatal occupational illnesses by selected industries and category of illness, Pennsylvania, 2021

(In thousands)

Industry ¹	NAICS code ²	Numbers of illnesses by category					
		Total cases	Skin diseases or disorders	Respiratory conditions	Poisonings	Hearing loss	All other illnesses
All industries including state and local government³		16.0	0.5	11.5	--	0.8	3.3
Private industry³		15.1	0.5	10.8	(⁴)	0.8	3.1
Goods producing³		2.2	0.2	0.7	--	0.7	0.6
Natural resources and mining^{3,5}		(⁴)	--	(⁴)	--	--	(⁴)
Agriculture, forestry, fishing and hunting³		(⁴)	--	(⁴)	--	--	--
Crop production ³	111	(⁴)	--	(⁴)	--	--	--
Mining, quarrying, and oil and gas extraction⁵		(⁴)	--	--	--	--	--
Mining (except oil and gas) ⁶	212	(⁴)	--	--	--	--	--
Construction		0.1	--	--	--	--	--
Construction		0.1	--	--	--	--	--
Specialty trade contractors	238	0.1	--	--	--	--	--
Manufacturing		2.0	0.2	0.7	--	0.7	0.5
Manufacturing		2.0	0.2	0.7	--	0.7	0.5
Food manufacturing	311	0.7	--	0.3	--	0.1	0.3
Beverage and tobacco product manufacturing	312	0.1	--	--	--	--	--
Wood product manufacturing	321	0.1	--	--	--	0.1	--
Paper manufacturing	322	--	--	--	--	--	--
Chemical manufacturing	325	(⁴)	--	(⁴)	--	--	--
Plastics and rubber products manufacturing	326	0.1	--	0.1	--	(⁴)	--
Nonmetallic mineral product manufacturing	327	(⁴)	--	--	--	--	--
Primary metal manufacturing	331	0.2	--	0.1	--	0.1	--

Fabricated metal product manufacturing	332	0.2	(⁴)	(⁴)	--	0.1	--
Machinery manufacturing	333	0.2	--	--	--	--	(⁴)
Computer and electronic product manufacturing	334	--	--	--	--	--	--
Electrical equipment, appliance, and component manufacturing	335	--	--	--	--	--	--
Transportation equipment manufacturing	336	0.1	--	(⁴)	--	(⁴)	(⁴)
Furniture and related product manufacturing	337	0.1	--	--	--	--	--
Miscellaneous manufacturing	339	(⁴)	--	--	--	--	--
Service providing		12.9	0.2	10.1	--	0.1	2.5
Trade transportation and utilities		2.6	--	1.2	--	0.1	1.2
Wholesale trade		0.3	--	--	--	--	0.3
Retail trade		1.6	(⁴)	0.9	--	--	0.7
Motor vehicle and parts dealers	441	0.1	--	--	--	--	--
Building material and garden equipment and supplies dealers	444	(⁴)	--	--	--	--	(⁴)
Food and beverage stores	445	0.5	--	0.3	--	--	0.1
Gasoline stations	447	0.4	--	--	--	--	0.4
Sporting goods, hobby, musical instrument, and book stores	451	--	--	--	--	--	--
General merchandise stores	452	0.6	--	0.5	--	--	0.1
Transportation and warehousing⁷		0.6	--	0.3	--	(⁴)	0.2
Truck transportation	484	--	--	--	--	--	--
Couriers and messengers	492	0.2	--	--	--	(⁴)	0.2
Warehousing and storage	493	0.3	--	--	--	--	(⁴)
Financial activities		0.1	--	--	--	--	0.1
Finance and insurance		0.1	--	--	--	--	0.1
Insurance carriers and related activities	524	0.1	--	--	--	--	0.1
Professional and business services		0.5	--	0.4	--	--	0.1
Professional, scientific, and technical services		--	--	--	--	--	--
Management of companies and enterprises		0.2	--	0.2	--	--	--
Administrative and support and waste management and remediation services		0.1	--	--	--	--	(⁴)
Administrative and support services	561	0.1	--	--	--	--	(⁴)
Educational and health services		8.5	0.1	7.5	--	--	0.8

Educational services		0.2	--	(⁴)	--	--	0.1
Educational services	611	0.2	--	(⁴)	--	--	0.1
Health care and social assistance		8.3	0.1	7.5	--	--	0.7
Ambulatory health care services	621	1.0	--	0.8	--	--	0.2
Hospitals	622	3.0	(⁴)	2.7	--	--	0.3
Nursing and residential care facilities	623	3.9	--	3.7	--	--	0.2
Social assistance	624	0.4	(⁴)	0.2	--	--	0.1
Leisure and hospitality		1.2	(⁴)	--	--	--	0.2
Arts, entertainment, and recreation		0.2	--	0.1	--	--	0.1
Amusement, gambling, and recreation industries	713	0.1	--	(⁴)	--	--	--
Accommodation and food services		--	--	--	--	--	0.2
Accommodation	721	(⁴)	--	--	--	--	--
Food services and drinking places	722	--	--	--	--	--	0.1
Other services (except public administration)		0.1	--	--	--	--	0.1
Other services (except public administration)		0.1	--	--	--	--	0.1
Personal and laundry services	812	(⁴)	--	--	--	--	(⁴)
State and local government³		--	--	--	--	--	--
State government³		--	--	--	--	--	--
Service providing		--	--	--	--	--	--
Educational and health services		--	--	--	--	--	--
Educational services		--	--	--	--	--	--
Educational services	611	--	--	--	--	--	--
Local government³		--	--	--	--	--	--

¹ Totals include data for industries not shown separately.

² 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>.

³ Excludes farms with fewer than 11 employees.

⁴ Data too small to be displayed.

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.

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 19, 2022

Table 10. Incidence rate¹ and number of nonfatal occupational injuries by industry, Pennsylvania, 2021

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	122.4	40.3	13.8
Private industry⁴		2.5	102.0	2.1	2.2
Goods producing⁴		3.2	25.5	3.9	4.4
Natural resources and mining^{4,5}		2.7	1.1	10.3	9.8
Agriculture, forestry, fishing and hunting⁴		3.7	0.7	12.0	13.4
Crop production ⁴	111	3.5	0.4	15.9	12.4
Greenhouse, nursery, and floriculture production ⁴	1114	3.0	0.2	20.7	14.7
Food crops grown under cover ⁴	11141	3.0	0.2	13.4	10.7
Mushroom production ⁴	111411	2.7	0.1	18.3	15.6
Other food crops grown under cover ⁴	111419	4.0	0.1	17.6	11.1
Animal production and aquaculture ⁴	112	4.2	0.2	26.5	36.7
Poultry and egg production ⁴	1123	6.7	0.1	26.8	55.6
Mining, quarrying, and oil and gas extraction⁵		1.7	0.4	16.0	12.3
Oil and gas extraction	211	2.1	0.1	61.6	55.2
Oil and gas extraction	2111	2.1	0.1	61.6	55.2
Mining (except oil and gas) ⁶	212	3.0	0.3	--	--
Coal mining ⁶	2121	6.7	(⁸)	--	--
Coal mining ⁶	21211	6.7	(⁸)	--	--
Bituminous coal underground mining ⁶	212112	6.8	(⁸)	--	--
Nonmetallic mineral mining and quarrying ⁶	2123	2.7	0.2	--	--
Construction		2.6	6.1	12.5	14.1
Construction		2.6	6.1	12.5	14.1
Construction of buildings	236	2.4	1.3	24.4	24.1
Residential building construction	2361	2.9	0.7	38.2	37.0
Nonresidential building construction	2362	2.0	0.6	27.2	27.5
Heavy and civil engineering construction	237	1.7	0.6	18.8	19.8

Utility system construction	2371	1.2	0.3	27.2	26.4
Water and sewer line and related structures construction	23711	4.0	0.3	27.4	29.2
Oil and gas pipeline and related structures construction	23712	0.3	(⁸)	27.2	26.3
Highway, street, and bridge construction	2373	3.1	0.3	23.2	29.6
Specialty trade contractors	238	3.0	4.2	16.0	19.0
Foundation, structure, and building exterior contractors	2381	4.7	1.1	26.9	30.3
Poured concrete foundation and structure contractors	23811	3.0	0.2	60.0	52.8
Roofing contractors	23816	6.2	0.4	27.0	46.5
Building equipment contractors	2382	3.1	2.1	24.7	30.7
Electrical contractors and other wiring installation contractors	23821	2.8	0.7	22.7	24.6
Plumbing, heating, and air-conditioning contractors	23822	3.5	1.3	23.7	25.3
Building finishing contractors	2383	2.6	0.5	26.4	22.7
Other specialty trade contractors	2389	--	--	--	--
Site preparation contractors	23891	1.1	0.2	36.7	45.7
Manufacturing		3.5	18.3	3.5	4.0
Manufacturing		3.5	18.3	3.5	4.0
Food manufacturing	311	4.1	3.0	6.7	8.9
Sugar and confectionery product manufacturing	3113	2.6	0.2	16.4	20.3
Chocolate and confectionery manufacturing	31135	2.5	0.2	19.9	24.7
Fruit and vegetable preserving and specialty food manufacturing	3114	4.6	0.3	35.5	50.4
Dairy product manufacturing	3115	3.4	0.3	35.5	33.3
Animal slaughtering and processing	3116	4.9	0.9	5.0	8.6
Animal slaughtering and processing	31161	4.9	0.9	5.0	8.6
Animal (except poultry) slaughtering	311611	5.2	0.3	6.4	5.9
Meat processed from carcasses	311612	4.7	0.3	8.8	20.6
Poultry processing	311615	5.2	0.2	11.5	11.7
Bakeries and tortilla manufacturing	3118	2.5	0.3	18.3	28.6
Bread and bakery product manufacturing	31181	2.4	0.2	23.5	36.7
Other food manufacturing	3119	4.7	0.6	15.8	22.2
Snack food manufacturing	31191	4.6	0.3	18.5	26.8
Beverage and tobacco product manufacturing	312	5.1	0.4	29.0	27.8
Textile mills	313	3.5	0.1	36.6	58.9
Apparel manufacturing	315	2.3	0.1	35.3	33.2
Wood product manufacturing	321	6.3	1.3	13.2	16.3
Sawmills and wood preservation	3211	4.4	0.2	27.4	41.7
Veneer, plywood, and engineered wood product manufacturing	3212	2.9	0.1	32.4	34.2
Other wood product manufacturing	3219	7.4	1.1	15.3	18.7
Paper manufacturing	322	2.6	0.6	16.9	16.7
Pulp, paper, and paperboard mills	3221	1.4	(⁸)	14.4	26.5
Converted paper product manufacturing	3222	2.8	0.5	18.3	17.8
Paperboard container manufacturing	32221	3.2	0.3	25.4	20.8
Corrugated and solid fiber box manufacturing	322211	2.9	0.2	29.0	23.7
Printing and related support activities	323	1.6	0.3	23.7	27.7
Chemical manufacturing	325	2.2	0.9	18.2	16.7

Pharmaceutical and medicine manufacturing	3254	0.8	0.1	26.7	26.5
Pharmaceutical and medicine manufacturing	32541	0.8	0.1	26.7	26.5
Plastics and rubber products manufacturing	326	3.1	1.2	11.9	12.1
Plastics product manufacturing	3261	3.2	1.0	13.1	13.5
Rubber product manufacturing	3262	3.0	0.1	24.5	19.4
Nonmetallic mineral product manufacturing	327	4.9	0.9	23.8	23.9
Glass and glass product manufacturing	3272	3.0	0.1	12.6	19.6
Cement and concrete product manufacturing	3273	4.4	0.4	25.9	21.4
Primary metal manufacturing	331	4.0	1.3	10.4	10.7
Iron and steel mills and ferroalloy manufacturing	3311	2.9	0.3	15.0	12.4
Steel product manufacturing from purchased steel	3312	--	--	--	--
Iron and steel pipe and tube manufacturing from purchased steel	33121	3.3	0.1	11.1	12.3
Alumina and aluminum production and processing	3313	2.8	0.1	12.7	17.3
Nonferrous metal (except aluminum) production and processing	3314	4.8	0.2	21.0	19.8
Foundries	3315	7.1	0.5	19.1	22.4
Ferrous metal foundries	33151	8.2	0.4	20.6	26.3
Iron foundries	331511	7.5	0.3	21.1	30.4
Fabricated metal product manufacturing	332	4.6	3.4	10.0	10.5
Forging and stamping	3321	3.6	0.3	17.0	22.2
Forging and stamping	33211	3.6	0.3	17.0	22.2
Powder metallurgy part manufacturing	332117	2.5	0.1	28.3	44.3
Architectural and structural metals manufacturing	3323	6.1	1.3	16.8	19.0
Plate work and fabricated structural product manufacturing	33231	8.9	0.7	21.2	24.7
Ornamental and architectural metal products manufacturing	33232	4.3	0.6	26.3	29.5
Sheet metal work manufacturing	332322	4.2	0.2	40.9	36.9
Boiler, tank, and shipping container manufacturing	3324	3.7	0.2	25.5	25.4
Machine shops; turned product; and screw, nut, and bolt manufacturing	3327	3.3	0.6	17.1	18.5
Machine shops	33271	3.0	0.4	20.8	21.8
Turned product and screw, nut, and bolt manufacturing	33272	4.7	0.2	25.1	34.5
Coating, engraving, heat treating, and allied activities	3328	5.2	0.3	55.9	60.5
Machinery manufacturing	333	3.3	1.4	11.5	12.4
Agriculture, construction, and mining machinery manufacturing	3331	4.5	0.3	11.5	16.5
Industrial machinery manufacturing	3332	4.1	0.2	31.4	35.8
Ventilation, heating, air-conditioning, and commercial refrigeration equipment manufacturing	3334	2.3	0.1	29.4	28.1
Metalworking machinery manufacturing	3335	3.0	0.3	40.9	41.0
Metalworking machinery manufacturing	33351	3.0	0.3	40.9	41.0
Engine, turbine, and power transmission equipment manufacturing	3336	5.2	0.1	25.6	15.9
Other general purpose machinery manufacturing	3339	3.1	0.3	21.2	25.1
Computer and electronic product manufacturing	334	1.0	0.3	20.5	20.6
Communications equipment manufacturing	3342	--	--	48.4	33.5
Navigational, measuring, electromedical, and control instruments manufacturing	3345	0.8	0.1	29.0	26.3
Electrical equipment, appliance, and component manufacturing	335	3.1	0.8	15.8	28.6
Electrical equipment manufacturing	3353	1.5	0.1	19.6	21.6
Transportation equipment manufacturing	336	3.2	1.1	8.6	9.5
Motor vehicle body and trailer manufacturing	3362	6.3	0.4	15.8	19.2

Motor vehicle parts manufacturing	3363	3.4	0.2	19.4	20.0
Aerospace product and parts manufacturing	3364	1.0	0.1	42.1	46.9
Railroad rolling stock manufacturing	3365	1.4	0.1	25.5	25.6
Furniture and related product manufacturing	337	4.7	0.7	17.2	23.8
Household and institutional furniture and kitchen cabinet manufacturing	3371	5.3	0.5	22.2	33.1
Office furniture (including fixtures) manufacturing	3372	3.8	0.2	20.8	20.5
Miscellaneous manufacturing	339	2.6	0.6	18.3	25.9
Medical equipment and supplies manufacturing	3391	1.8	0.2	23.8	28.0
Other miscellaneous manufacturing	3399	3.8	0.3	23.9	39.8
Service providing		2.4	76.5	2.5	2.5
Trade transportation and utilities		3.7	32.2	3.6	3.8
Wholesale trade		2.5	4.9	10.7	10.7
Merchant wholesalers, durable goods	423	2.6	2.6	14.0	14.1
Motor vehicle and motor vehicle parts and supplies merchant wholesalers	4231	4.4	0.7	26.0	29.2
Lumber and other construction materials merchant wholesalers	4233	5.2	0.5	14.1	17.4
Hardware, and plumbing and heating equipment and supplies merchant wholesalers	4237	2.0	0.2	61.9	50.1
Machinery, equipment, and supplies merchant wholesalers	4238	2.6	0.6	27.2	27.8
Industrial machinery and equipment merchant wholesalers	42383	1.5	0.2	43.3	37.4
Merchant wholesalers, nondurable goods	424	3.6	2.0	15.8	15.1
Grocery and related product merchant wholesalers	4244	5.9	1.3	19.1	20.4
Petroleum and petroleum products merchant wholesalers	4247	6.8	0.2	18.1	18.8
Beer, wine, and distilled alcoholic beverage merchant wholesalers	4248	6.2	0.2	30.4	42.7
Retail trade		3.5	14.4	5.7	6.1
Motor vehicle and parts dealers	441	2.0	1.4	18.0	18.7
Furniture and home furnishings stores	442	3.4	0.4	42.4	50.7
Building material and garden equipment and supplies dealers	444	6.3	2.5	13.6	16.2
Building material and supplies dealers	4441	6.7	2.3	13.4	17.4
Food and beverage stores	445	4.4	3.9	6.9	7.3
Health and personal care stores	446	1.1	0.3	37.5	37.7
Gasoline stations	447	2.8	0.8	30.5	32.7
Sporting goods, hobby, musical instrument, and book stores	451	2.3	0.2	44.4	49.6
General merchandise stores	452	4.6	3.3	6.6	6.8
Department stores	4522	4.5	1.0	10.3	10.4
General merchandise stores, including warehouse clubs and supercenters	4523	4.7	2.3	8.4	8.7
Transportation and warehousing⁷		5.2	12.8	4.5	5.1
Truck transportation	484	4.9	3.4	10.8	11.7

General freight trucking	4841	5.3	2.7	12.7	12.6
General freight trucking, local	48411	4.7	0.7	38.7	36.9
General freight trucking, long-distance	48412	5.6	1.9	9.1	10.3
Specialized freight trucking	4842	4.0	0.7	22.0	29.8
Specialized freight (except used goods) trucking, local	48422	4.3	0.5	27.4	38.3
Specialized freight (except used goods) trucking, long-distance	48423	3.8	0.1	35.9	48.4
Transit and ground passenger transportation	485	1.5	0.2	22.8	26.5
School and employee bus transportation	4854	1.5	0.1	25.0	33.4
Couriers and messengers	492	8.5	2.9	6.5	7.6
Warehousing and storage	493	5.6	5.2	6.2	6.7
Utilities			0.7	48.0	52.9
Utilities	221	0.7	0.2	48.0	52.9
Electric power generation, transmission and distribution	2211	0.9	0.1	54.8	62.3
Information			0.6	33.6	32.4
Information			0.6	33.6	32.4
Broadcasting (except internet)	515	1.8	0.1	24.1	2.7
Financial activities			0.3	35.1	35.5
Finance and insurance			0.1	46.8	47.2
Insurance carriers and related activities	524	0.1	0.1	53.4	54.2
Real estate and rental and leasing		--	--	--	--
Real estate	531	0.6	0.3	41.9	40.8
Rental and leasing services	532	--	--	--	--
Commercial and industrial machinery and equipment rental and leasing	5324	3.1	0.2	31.5	23.9
Professional and business services			0.9	12.3	12.5
Professional, scientific, and technical services			0.6	23.2	23.0
Professional, scientific, and technical services	541	0.6	2.0	23.2	23.0
Architectural, engineering, and related services	5413	--	--	--	--
Testing laboratories	54138	0.4	(⁸)	63.1	59.4
Scientific research and development services	5417	0.3	0.1	21.9	21.9
Advertising, public relations, and related services	5418	0.9	0.1	51.8	43.8
Management of companies and enterprises			0.3	39.6	37.9

Administrative and support and waste management and remediation services		1.8	4.2	14.8	15.8
Administrative and support services	561	1.7	3.6	16.0	17.1
Business support services	5614	1.5	0.3	52.1	53.2
Investigation and security services	5616	1.3	0.4	24.7	25.1
Services to buildings and dwellings	5617	2.4	1.3	25.5	27.1
Janitorial services	56172	2.3	0.6	30.4	33.9
Waste management and remediation services	562	3.2	0.6	39.9	41.0
Waste treatment and disposal	5622	1.8	0.1	22.5	21.3
Educational and health services		3.0	27.8	3.4	3.5
Educational services		1.4	1.7	17.1	18.1
Educational services	611	1.4	1.7	17.1	18.1
Elementary and secondary schools	6111	3.9	0.9	24.0	31.9
Colleges, universities, and professional schools	6113	0.9	0.8	9.8	11.0
Health care and social assistance		3.3	26.1	3.3	3.6
Ambulatory health care services	621	1.9	5.1	9.4	9.7
Offices of physicians	6211	1.9	1.9	18.0	18.6
Other ambulatory health care services	6219	3.4	0.6	18.4	19.4
Ambulance services	62191	5.7	0.5	20.6	21.2
Hospitals	622	5.0	10.2	1.8	3.3
Nursing and residential care facilities	623	5.1	7.6	6.4	7.3
Nursing care facilities (skilled nursing facilities)	6231	5.5	2.6	7.0	7.9
Continuing care retirement communities and assisted living facilities for the elderly	6233	5.5	2.6	10.0	10.9
Social assistance	624	1.9	3.2	14.0	14.3
Child day care services	6244	3.4	1.0	34.2	35.8
Leisure and hospitality		2.9	7.3	8.6	8.8
Arts, entertainment, and recreation		2.8	1.1	15.2	15.8
Amusement, gambling, and recreation industries	713	2.6	0.8	19.5	20.1
Amusement parks and arcades	7131	5.8	0.2	1.1	1.1
Gambling industries	7132	1.8	0.1	3.0	2.9
Other amusement and recreation industries	7139	2.4	0.5	28.5	29.3
Accommodation and food services		3.0	6.2	9.8	10.0
Accommodation	721	4.0	1.0	13.0	13.9
Food services and drinking places	722	2.8	5.3	11.3	11.6
Restaurants and other eating places	7225	3.1	5.0	11.6	11.9

Restaurants and other eating places	72251	3.1	5.0	11.6	11.9
Full-service restaurants	722511	2.6	1.9	15.3	16.0
Limited-service restaurants	722513	3.7	2.7	17.6	17.9
Other services (except public administration)		1.0	1.4	28.2	29.4
Other services (except public administration)		1.0	1.4	28.2	29.4
Repair and maintenance	811	0.9	0.4	26.4	27.8
Automotive repair and maintenance	8111	0.6	0.2	38.6	40.2
Commercial and industrial machinery and equipment (except automotive and electronic) repair and maintenance	8113	1.7	0.2	45.3	50.3
Religious, grantmaking, civic, professional, and similar organizations	813	0.7	0.3	35.1	33.8
State and local government⁴		--	--	--	--
State government⁴		--	--	--	--
Service providing		--	--	--	--
Educational and health services		--	--	--	--
Educational services		1.0	0.2	3.4	8.5
Educational services	611	1.0	0.2	3.4	8.5
Colleges, universities, and professional schools	6113	1.0	0.2	3.5	8.6
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.

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).

Table 11. Incidence rates¹ of nonfatal occupational injuries and illnesses by industry sector and case types, 2019-2021, Pennsylvania

Industry sector ²	Total recordable cases			Cases with days away			
				Total			Cases wi
	2019	2020	2021	2019	2020	2021	2019
All industries including state and local government³	3.2	3.1	3.1	1.8	1.9	1.8	1.0
Private industry³	3.2	3.0	2.9	1.8	1.9	1.8	0.9
Goods producing	3.9	3.2	3.5	2.2	1.9	2.1	1.1
Natural resources and mining^{3,4}	3.5	2.8	2.8	2.3	2.1	1.7	1.2
Agriculture, forestry, fishing and hunting³	6.6	3.2	3.8	4.6	2.2	2.0	1.9
Mining, quarrying, and oil and gas extraction⁴	1.6	2.5	1.8	1.0	2.0	1.4	0.7
Construction	3.8	2.9	2.7	1.9	1.7	1.6	1.4
Manufacturing	4.0	3.4	3.9	2.4	2.0	2.4	1.0
Service providing	3.1	3.0	2.8	1.7	1.9	1.7	0.9
Trade transportation and utilities	3.9	3.5	3.9	2.5	2.4	2.7	1.4
Wholesale trade	3.0	2.5	2.6	2.1	1.8	1.7	1.4
Retail trade	3.8	3.2	3.9	2.1	1.9	2.4	1.0
Transportation and warehousing⁵	5.1	5.0	5.4	3.9	3.8	4.4	2.2
Utilities	2.0	1.2	0.8	1.1	0.7	0.6	--
Information	1.8	1.6	0.6	1.3	1.2	0.4	0.7
Financial activities	0.7	0.7	0.3	0.2	0.2	0.2	0.2
Finance and insurance	0.5	0.5	0.1	0.1	0.1	(⁷)	0.1
Real estate and rental and leasing	--	--	--	0.7	0.6	0.9	0.6
Professional and business services	1.6	1.4	1.0	0.9	0.9	0.6	0.5
Professional, scientific, and technical services	1.3	0.6	0.7	0.6	0.2	0.2	--
Management of companies and enterprises	0.5	--	0.5	0.2	--	0.2	0.2
Administrative and support and waste management and remediation services	2.6	2.5	1.8	1.5	1.8	1.3	0.8
Educational and health services	4.1	4.8	4.0	1.9	3.2	2.3	0.9
Educational services	2.2	1.2	1.5	1.0	0.6	0.6	0.5
Health care and social assistance	4.3	5.4	4.4	2.1	3.6	2.6	1.0
Leisure and hospitality	3.6	2.4	3.4	1.6	1.0	1.8	0.8
Arts, entertainment, and recreation	5.9	2.9	3.2	3.8	1.7	1.8	1.4
Accommodation and food services	3.2	2.4	3.5	1.1	0.9	1.8	0.7
Other services (except public administration)	3.0	1.8	1.1	1.8	1.0	0.8	1.3
Other services (except public administration)	3.0	1.8	1.1	1.8	1.0	0.8	1.3
State and local government³	--	--	--	--	--	--	--
State government³	--	--	--	--	--	--	--
Local government³	--	--	--	--	--	--	--

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

N = number of injuries and illnesses

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 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/publications/handbook/concepts.html>

³ Excludes farms with fewer than 11 employees.

⁴ 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 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 are from 1, 2002; therefore, estimates for these industries are not comparable to estimates of other industries.

⁵ Data for employers in railroad transportation are provided to BLS by the Federal Railroad Administration, U.S. Department of Transportation.

⁶ Days-away-from-work cases include those that result in days away from work with or without restricted work activity.

⁷ Data too small to be displayed.

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 19, 2022

[/www.bls.gov/opub/hom/soii/concepts.htm](http://www.bls.gov/opub/hom/soii/concepts.htm).

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a do not reflect changes the Occupational Safety and Health Administration made to its recordkeeping requirements effective January