

**Table 6. Incidence rates<sup>1</sup> of nonfatal occupational injuries and illnesses by industry and case type, Pennsylvania, 2014**

Industry <sup>2</sup>	NAICS code <sup>3</sup>	Total recordable cases	Cases with days away from work, job transfer, or restriction			Other recordable cases
			Total	Cases with days away from work <sup>4</sup>	Cases with job transfer or restriction	
<b>All industries including state and local government<sup>5</sup></b>		3.6	1.8	1.0	0.8	1.8
<b>Private industry<sup>5</sup></b>		3.7	1.9	1.1	0.8	1.8
<b>Goods-producing<sup>5</sup></b>		4.7	2.4	1.3	1.1	2.3
<b>Natural resources and mining<sup>5,6</sup></b>		4.9	3.0	1.8	1.2	2.0
<b>Agriculture, forestry, fishing and hunting<sup>5</sup></b>		8.9	5.2	2.7	2.5	3.6
Crop production <sup>5</sup>	111	7.6	3.9	2.6	1.3	3.7
Greenhouse, nursery, and floriculture production <sup>5</sup>	1114	5.0	2.3	1.1	1.2	2.8
Food crops grown under cover <sup>5</sup>	11141	5.8	2.5	1.3	1.2	3.3
Mushroom production <sup>5</sup>	111411	5.9	2.6	1.3	1.2	3.3
Other food crops grown under cover <sup>5</sup>	111419	--	--	--	--	--
<b>Mining, quarrying, and oil and gas extraction<sup>6</sup></b>		3.1	1.9	1.4	0.5	1.2
Mining (except oil and gas) <sup>7</sup>	212	4.4	3.0	2.5	0.5	1.5
Coal mining <sup>7</sup>	2121	5.3	3.6	3.2	0.4	1.7
Coal mining <sup>7</sup>	21211	5.3	3.6	3.2	0.4	1.7
Bituminous coal and lignite surface mining <sup>7</sup>	212111	3.9	2.3	2.0	--	1.6
Bituminous coal underground mining <sup>7</sup>	212112	5.6	3.9	3.6	0.3	1.7
Anthracite mining <sup>7</sup>	212113	5.8	3.7	3.1	--	2.1
Nonmetallic mineral mining and quarrying <sup>7</sup>	2123	2.9	1.9	1.2	0.7	1.0
Support activities for mining	213	2.5	1.5	1.1	0.4	1.0
Support activities for mining	2131	2.5	1.5	1.1	0.4	1.0
Support activities for mining	21311	2.5	1.5	1.1	0.4	1.0
Drilling oil and gas wells	213111	--	--	--	--	--
Support activities for oil and gas operations	213112	3.0	1.8	1.3	0.4	1.2
<b>Construction</b>		4.4	1.7	1.3	0.4	2.7
<b>Construction</b>		4.4	1.7	1.3	0.4	2.7

See footnotes at end of table.

**Table 6. Incidence rates<sup>1</sup> of nonfatal occupational injuries and illnesses by industry and case type, Pennsylvania, 2014**

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Construction of buildings	236	2.6	1.0	0.6	0.5	1.6
Residential building construction	2361	1.7	0.6	0.5	--	1.0
Nonresidential building construction	2362	3.7	1.5	0.7	0.8	2.2
Heavy and civil engineering construction	237	3.8	2.3	1.8	0.5	1.6
Utility system construction	2371	4.5	2.8	2.4	0.4	1.7
Water and sewer line and related structures construction	23711	9.2	7.1	6.0	1.1	--
Oil and gas pipeline and related structures construction	23712	2.5	1.2	--	0.4	1.3
Highway, street, and bridge construction	2373	3.0	2.0	1.3	0.8	0.9
Specialty trade contractors	238	5.1	1.8	1.4	0.4	3.4
Foundation, structure, and building exterior contractors	2381	8.4	2.0	--	--	6.5
Roofing contractors	23816	9.2	6.3	--	--	3.0
Building equipment contractors	2382	4.0	1.7	1.3	0.4	2.2
Electrical contractors and other wiring installation contractors	23821	3.1	1.0	0.6	0.4	2.2
Plumbing, heating, and air-conditioning contractors	23822	4.9	2.4	2.0	0.4	2.5
Building finishing contractors	2383	--	1.4	1.3	--	--
Other specialty trade contractors	2389	3.6	1.9	1.7	0.2	1.7
Site preparation contractors	23891	3.7	2.3	2.0	0.3	1.4
<b>Manufacturing</b>		4.7	2.6	1.3	1.3	2.1
<b>Manufacturing</b>		4.7	2.6	1.3	1.3	2.1
Food manufacturing	311	5.8	3.9	1.5	2.4	1.9
Sugar and confectionery product manufacturing	3113	4.3	2.5	0.8	1.6	1.9
Chocolate and confectionery manufacturing	31135	4.3	2.6	0.8	1.8	1.8
Fruit and vegetable preserving and specialty food manufacturing	3114	5.5	2.5	1.1	1.4	3.0
Dairy product manufacturing	3115	4.3	3.3	1.6	1.7	1.0
Animal slaughtering and processing	3116	8.4	5.7	1.5	4.2	2.7
Bakeries and tortilla manufacturing	3118	5.6	3.9	1.8	2.0	1.7
Other food manufacturing	3119	5.4	3.5	1.3	2.3	1.8
Snack food manufacturing	31191	5.5	2.6	0.9	1.7	--
Beverage and tobacco product manufacturing	312	6.4	4.2	2.3	1.9	2.2
Wood product manufacturing	321	7.8	4.4	3.2	1.2	3.4
Paper manufacturing	322	3.4	2.4	1.1	1.3	1.0

See footnotes at end of table.

**Table 6. Incidence rates<sup>1</sup> of nonfatal occupational injuries and illnesses by industry and case type, Pennsylvania, 2014**

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			Total	Cases with days away from work <sup>4</sup>	Cases with job transfer or restriction	
Pulp, paper, and paperboard mills	3221	2.0	1.0	0.8	--	1.1
Converted paper product manufacturing	3222	3.6	2.6	1.2	1.5	1.0
Printing and related support activities	323	3.4	2.3	0.9	1.4	1.1
Petroleum and coal products manufacturing	324	4.0	2.3	1.2	1.1	1.7
Petroleum and coal products manufacturing	3241	4.0	2.3	1.2	1.1	1.7
Chemical manufacturing	325	2.1	1.4	0.7	0.7	0.7
Basic chemical manufacturing	3251	2.2	2.0	1.7	--	--
Pharmaceutical and medicine manufacturing	3254	1.6	1.0	0.3	0.6	0.6
Pharmaceutical and medicine manufacturing	32541	1.6	1.0	0.3	0.6	0.6
Plastics and rubber products manufacturing	326	4.9	2.5	1.2	1.3	2.4
Plastics product manufacturing	3261	4.5	2.2	1.1	1.1	2.4
Rubber product manufacturing	3262	7.3	4.4	1.9	2.6	2.8
Nonmetallic mineral product manufacturing	327	5.2	3.3	2.0	1.3	1.8
Glass and glass product manufacturing	3272	3.9	1.8	1.5	--	2.1
Cement and concrete product manufacturing	3273	6.8	5.8	3.1	2.7	--
Primary metal manufacturing	331	6.1	3.2	1.3	1.9	2.9
Iron and steel mills and ferroalloy manufacturing	3311	3.7	1.7	0.9	0.8	2.0
Steel product manufacturing from purchased steel	3312	8.4	5.1	1.6	3.5	3.3
Iron and steel pipe and tube manufacturing from purchased steel	33121	7.3	4.0	1.5	--	3.3
Rolling and drawing of purchased steel	33122	9.9	6.5	1.6	4.9	3.4
Foundries	3315	10.5	5.1	2.2	2.9	5.4
Fabricated metal product manufacturing	332	6.5	2.8	1.8	1.0	3.6
Forging and stamping	3321	6.7	2.2	1.4	0.8	4.5
Forging and stamping	33211	6.7	2.2	1.4	0.8	4.5
Powder metallurgy part manufacturing	332117	5.7	2.2	1.7	0.5	3.5
Architectural and structural metals manufacturing	3323	7.6	3.4	2.1	1.3	4.3
Plate work and fabricated structural product manufacturing	33231	10.9	4.3	2.5	1.8	6.6
Ornamental and architectural metal products manufacturing	33232	4.5	2.5	1.6	0.8	2.0
Sheet metal work manufacturing	332322	7.1	3.7	2.6	1.0	3.4
Machine shops; turned product; and screw, nut, and bolt manufacturing	3327	5.2	2.9	2.1	0.8	2.2
Machine shops	33271	5.4	3.0	2.4	0.6	2.4
Turned product and screw, nut, and bolt manufacturing	33272	4.2	2.7	1.1	1.6	1.5
Machinery manufacturing	333	4.0	2.1	0.8	1.2	1.9
Agriculture, construction, and mining machinery manufacturing	3331	4.8	3.0	1.0	2.0	1.7

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Mining and oil and gas field machinery manufacturing	33313	5.4	3.0	0.6	2.5	2.4
Ventilation, heating, air-conditioning, and commercial refrigeration equipment manufacturing	3334	4.8	2.6	1.2	1.4	2.2
Metalworking machinery manufacturing	3335	3.5	1.0	0.2	0.8	2.5
Metalworking machinery manufacturing	33351	3.5	1.0	0.2	0.8	2.5
Computer and electronic product manufacturing	334	2.4	0.9	0.8	0.2	1.5
Semiconductor and other electronic component manufacturing	3344	4.4	1.5	1.3	0.3	2.8
Navigational, measuring, electromedical, and control instruments manufacturing	3345	1.6	0.8	0.7	--	0.8
Electrical equipment, appliance, and component manufacturing	335	4.1	2.5	1.2	1.4	1.6
Electrical equipment manufacturing	3353	3.1	2.3	0.9	--	0.9
Transportation equipment manufacturing	336	3.4	1.5	0.7	0.9	1.9
Motor vehicle body and trailer manufacturing	3362	8.1	3.1	2.1	1.0	4.9
Motor vehicle parts manufacturing	3363	2.8	1.3	0.2	1.0	1.6
Aerospace product and parts manufacturing	3364	1.6	0.9	0.2	0.7	0.7
Furniture and related product manufacturing	337	5.3	3.0	1.2	1.8	2.3
Household and institutional furniture and kitchen cabinet manufacturing	3371	3.8	2.5	0.8	1.7	1.3
Office furniture (including fixtures) manufacturing	3372	7.6	4.2	1.7	2.4	3.4
Other furniture related product manufacturing	3379	7.0	1.8	1.8	--	5.3
Miscellaneous manufacturing	339	4.1	2.5	0.7	1.7	1.7
Medical equipment and supplies manufacturing	3391	3.9	2.0	0.5	1.5	--
Other miscellaneous manufacturing	3399	4.3	2.9	1.0	1.9	1.4
<b>Service-providing</b>		3.4	1.7	1.0	0.8	1.7
<b>Trade, transportation, and utilities<sup>8</sup></b>		4.1	2.5	1.4	1.1	1.6
<b>Wholesale trade</b>		3.4	2.1	1.2	0.9	1.3
Merchant wholesalers, durable goods	423	3.4	1.9	0.8	1.1	1.5
Motor vehicle and motor vehicle parts and supplies merchant wholesalers	4231	5.8	3.4	0.9	2.5	2.3
Furniture and home furnishing merchant wholesalers	4232	1.3	0.8	0.8	--	--
Lumber and other construction materials merchant wholesalers	4233	4.6	3.8	1.0	2.8	--
Professional and commercial equipment and supplies merchant wholesalers	4234	1.9	1.0	--	--	0.9

See footnotes at end of table.

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Household appliances and electrical and electronic goods merchant wholesalers	4236	3.4	1.1	0.4	0.7	2.3
Machinery, equipment, and supplies merchant wholesalers	4238	3.1	1.6	1.2	0.4	1.4
Industrial machinery and equipment merchant wholesalers	42383	2.4	1.6	1.0	0.5	--
Merchant wholesalers, nondurable goods	424	4.3	2.8	1.6	1.1	1.5
Grocery and related product merchant wholesalers	4244	6.0	4.2	2.1	2.1	1.8
Petroleum and petroleum products merchant wholesalers	4247	5.3	3.4	3.4	--	1.9
<b>Retail trade</b>		4.2	2.4	1.3	1.1	1.9
Motor vehicle and parts dealers	441	4.8	2.0	1.2	0.8	2.8
Electronics and appliance stores	443	3.1	1.9	--	--	--
Building material and garden equipment and supplies dealers	444	7.4	5.3	2.5	2.8	2.1
Building material and supplies dealers	4441	7.8	5.9	2.7	3.2	1.9
Food and beverage stores	445	4.3	2.2	1.3	1.0	2.1
Health and personal care stores	446	3.0	0.4	0.4	--	2.6
Sporting goods, hobby, book, and music stores	451	--	0.9	0.3	0.6	--
General merchandise stores	452	4.4	3.2	1.2	2.0	1.3
Department stores	4521	3.5	2.3	1.3	1.0	1.2
Other general merchandise stores	4529	5.2	3.8	1.1	2.8	1.3
Miscellaneous store retailers	453	2.8	1.4	1.0	--	1.4
Nonstore retailers	454	2.6	1.7	1.1	0.6	0.8
<b>Transportation and warehousing<sup>8</sup></b>		4.9	3.4	2.1	1.4	1.5
Air transportation	481	4.6	3.7	2.1	1.6	0.9
Truck transportation	484	4.3	2.5	1.8	0.6	1.8
General freight trucking	4841	4.1	2.4	1.7	0.7	1.7
General freight trucking, local	48411	2.6	1.4	1.4	--	--
General freight trucking, long-distance	48412	4.5	2.7	1.7	0.9	1.9
Specialized freight trucking	4842	4.8	2.8	2.3	0.5	2.1
Specialized freight (except used goods) trucking, local	48422	4.1	2.5	2.1	0.4	1.7
Transit and ground passenger transportation	485	5.1	2.8	2.0	0.8	2.3
School and employee bus transportation	4854	4.6	2.7	2.3	0.5	1.9
Pipeline transportation	486	--	--	--	--	--

See footnotes at end of table.

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Pipeline transportation of natural gas	4862	--	--	--	--	--
Support activities for transportation	488	2.8	2.1	0.9	--	0.7
Couriers and messengers	492	8.6	6.8	4.9	1.8	1.8
Warehousing and storage	493	5.7	4.4	1.9	2.5	1.3
<b>Utilities</b>		1.9	1.0	0.2	0.7	0.9
Utilities	221	1.9	1.0	0.2	0.7	0.9
Electric power generation, transmission and distribution	2211	1.4	0.8	0.2	0.6	0.6
Electric power generation	22111	1.3	0.7	--	0.6	0.6
Fossil fuel electric power generation	221112	2.6	1.6	--	1.4	1.0
<b>Information</b>		1.2	0.8	--	0.3	0.4
<b>Information</b>		1.2	0.8	--	0.3	0.4
Software publishers	5112	--	--	--	--	--
<b>Finance, insurance, and real estate</b>		0.8	0.3	0.2	0.1	0.5
<b>Finance and insurance</b>		0.6	0.1	0.1	( <sup>9</sup> )	0.5
Credit intermediation and related activities	522	0.5	0.1	0.1	--	0.5
Insurance carriers and related activities	524	0.9	0.2	0.1	( <sup>9</sup> )	--
<b>Real estate and rental and leasing</b>		1.4	0.9	0.4	0.5	0.6
Real estate	531	0.5	0.4	0.3	--	0.1
Lessors of real estate	5311	0.8	0.7	0.7	--	--
Rental and leasing services	532	3.1	1.7	--	1.3	1.4
<b>Professional and business services</b>		1.3	0.6	0.4	0.2	0.7
<b>Professional, scientific, and technical services</b>		0.7	0.2	0.1	0.1	0.5

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Professional, scientific, and technical services	541	0.7	0.2	0.1	0.1	0.5
Accounting, tax preparation, bookkeeping, and payroll services	5412	--	--	--	--	--
Architectural, engineering, and related services	5413	0.4	0.2	0.1	0.1	0.2
Engineering services	54133	0.4	0.2	0.1	--	0.2
Testing laboratories	54138	0.6	0.3	--	0.2	0.3
Computer systems design and related services	5415	0.1	--	--	--	0.1
Scientific research and development services	5417	0.8	0.2	0.1	0.1	0.6
Other professional, scientific, and technical services	5419	6.1	0.9	0.6	0.3	5.3
Veterinary services	54194	11.9	1.5	0.9	0.6	10.4
<b>Management of companies and enterprises</b>		0.7	0.3	0.2	0.2	0.4
<b>Administrative and support and waste management and remediation services</b>		2.4	1.4	1.0	0.4	1.0
Administrative and support services	561	2.2	1.1	0.8	0.3	1.1
Business support services	5614	1.1	0.2	0.1	--	--
Investigation and security services	5616	2.3	1.3	1.2	0.1	1.0
Services to buildings and dwellings	5617	4.3	1.6	1.1	0.5	2.7
Janitorial services	56172	3.4	1.2	0.7	0.5	2.2
Landscaping services	56173	5.6	1.9	1.3	0.7	--
Waste management and remediation services	562	5.6	4.8	3.0	1.8	0.8
Waste collection	5621	6.5	5.8	--	2.5	0.7
Waste collection	56211	6.5	5.8	--	2.5	0.7
Solid waste collection	562111	6.2	5.7	--	2.5	0.5
<b>Educational and health services</b>		4.8	2.3	1.1	1.2	2.5
<b>Educational services</b>		2.3	0.9	0.5	0.3	1.5
Educational services	611	2.3	0.9	0.5	0.3	1.5
Elementary and secondary schools	6111	4.1	1.5	0.8	0.7	--
Colleges, universities, and professional schools	6113	2.2	0.8	0.5	0.3	1.4

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<b>Health care and social assistance</b>		5.3	2.6	1.2	1.4	2.7
Ambulatory health care services	621	3.0	1.2	0.8	0.5	1.8
Offices of physicians	6211	1.9	0.3	0.2	0.1	1.7
Hospitals	622	6.6	2.9	1.5	1.4	3.7
Nursing and residential care facilities	623	7.9	5.0	1.7	3.3	2.9
Social assistance	624	3.8	1.5	1.0	0.5	2.4
<b>Leisure, entertainment, and hospitality</b>		4.7	2.0	1.4	0.5	2.8
<b>Arts, entertainment, and recreation</b>		6.4	3.6	--	0.6	2.8
Museums, historical sites, and similar institutions	712	2.6	2.2	2.1	--	0.4
Amusement, gambling, and recreation industries	713	4.8	1.9	1.1	0.7	2.9
Amusement parks and arcades	7131	8.8	4.8	2.8	2.0	4.1
Gambling industries	7132	3.1	1.4	0.5	0.9	1.7
Other amusement and recreation industries	7139	4.6	1.5	1.1	0.4	3.1
<b>Accommodation and food services</b>		4.4	1.6	1.1	0.5	2.8
Accommodation	721	5.9	3.0	1.8	1.2	2.9
Food services and drinking places	722	4.1	1.4	1.0	0.4	2.7
Restaurants and other eating places	7225	4.2	1.4	1.0	0.4	2.9
<b>Other services (except public administration)</b>		4.1	1.6	1.3	--	2.5
<b>Other services (except public administration)</b>		4.1	1.6	1.3	--	2.5
Repair and maintenance	811	6.4	2.2	1.9	0.2	4.2
Commercial and industrial machinery and equipment (ex auto and electronic) repair and maintenance	8113	8.7	3.7	2.6	1.0	--
Religious, grantmaking, civic, professional, and similar organizations	813	2.6	0.5	0.4	--	--

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<b>State and local government<sup>5</sup></b>		--	--	--	--	--
<b>State government<sup>5</sup></b>		--	--	--	--	--
<b>Local government<sup>5</sup></b>		--	--	--	--	--
<b>Utilities</b>		2.2	1.5	1.0	0.5	0.7
Utilities	221	2.2	1.5	1.0	0.5	0.7
Water, sewage and other systems	2213	2.2	1.5	1.0	0.5	0.7

<sup>1</sup> 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).

<sup>2</sup> Totals include data for industries not shown separately.

<sup>3</sup> *North American Industry Classification System* -- United States, 2012.

<sup>4</sup> Days-away-from-work cases include those that result in days away from work with or without job transfer or restriction.

<sup>5</sup> Excludes farms with fewer than 11 employees.

<sup>6</sup> Data for mining (Sector 21 in the *North American Industry Classification System*, 2012) include establishments not governed by the Mine Safety and Health Administration (MSHA) rules and reporting, such as those in oil and gas extraction and related support activities. Data for mining operators in coal, metal, and nonmetal mining are provided to BLS by the Mine Safety and Health Administration, U.S. Department of Labor. Independent mining contractors are excluded from the coal, metal, and nonmetal mining industries. These data do not reflect the changes the Occupational Safety and Health Administration made to its recordkeeping requirements effective January 1, 2002; therefore estimates for these industries are not comparable to estimates in other industries.

<sup>7</sup> Data for mining operators in this industry are provided to BLS by the Mine Safety and Health Administration, U.S. Department of Labor. Independent mining contractors are excluded. These data do not reflect the changes the Occupational Safety and Health Administration made to its recordkeeping requirements effective January 1, 2002; therefore estimates for these industries are not comparable to estimates in other industries.

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

<sup>9</sup> 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.