

Pennsylvania 2016 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, 2016

| 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 | | 3.3 | 1.8 | 1.0 | 0.8 | 1.5 |
| Private industry⁵ | | 3.3 | 1.8 | 1.0 | 0.8 | 1.6 |
| Goods-producing⁵ | | 4.1 | 2.3 | 1.2 | 1.0 | 1.8 |
| Natural resources and mining^{5,6} | | 3.3 | 1.7 | 1.0 | 0.7 | 1.6 |
| Agriculture, forestry, fishing and hunting⁵ | | 5.0 | 2.6 | 1.4 | 1.3 | 2.4 |
| Crop production ⁵ | 111 | 6.1 | 3.7 | 2.0 | 1.6 | 2.5 |
| Animal production and aquaculture ⁵ | 112 | 4.1 | 1.3 | -- | 1.1 | 2.8 |
| Mining, quarrying, and oil and gas extraction⁶ | | 2.0 | 1.0 | 0.8 | 0.2 | 1.0 |
| Oil and gas extraction | 211 | 0.3 | -- | -- | -- | -- |
| Mining (except oil and gas) ⁷ | 212 | 3.3 | 2.4 | 2.0 | 0.4 | 1.0 |
| Support activities for mining | 213 | 1.7 | 0.2 | 0.1 | -- | -- |
| Construction | | 4.4 | 2.2 | 1.7 | 0.5 | 2.2 |
| Construction | | 4.4 | 2.2 | 1.7 | 0.5 | 2.2 |
| Construction of buildings | 236 | 4.9 | 2.5 | 2.1 | 0.4 | 2.5 |
| Heavy and civil engineering construction | 237 | 2.6 | 1.3 | 0.8 | 0.5 | 1.4 |
| Specialty trade contractors | 238 | 4.6 | 2.3 | 1.7 | 0.6 | 2.3 |
| Manufacturing | | 4.0 | 2.3 | 1.1 | 1.3 | 1.7 |

See footnotes at end of table.

Table 1. Incidence rates¹ of nonfatal occupational injuries and illnesses by selected industries and case types, Pennsylvania, 2016

| 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 | |
| Manufacturing | | 4.0 | 2.3 | 1.1 | 1.3 | 1.7 |
| Food manufacturing | 311 | 5.4 | 3.9 | 1.3 | 2.6 | 1.6 |
| Beverage and tobacco product manufacturing | 312 | 3.3 | 1.2 | 0.4 | 0.8 | 2.1 |
| Textile mills | 313 | 6.0 | 4.5 | -- | 1.5 | 1.6 |
| Wood product manufacturing | 321 | 7.0 | 4.5 | 2.3 | 2.2 | 2.5 |
| Paper manufacturing | 322 | 3.2 | 1.9 | 0.9 | 1.0 | 1.3 |
| Printing and related support activities | 323 | 3.6 | 1.5 | 0.6 | 0.9 | 2.1 |
| Petroleum and coal products manufacturing | 324 | 1.9 | 1.6 | 1.1 | 0.5 | 0.3 |
| Chemical manufacturing | 325 | 1.7 | 0.9 | 0.4 | 0.6 | 0.8 |
| Plastics and rubber products manufacturing | 326 | 4.1 | 2.6 | 1.2 | 1.5 | 1.5 |
| Nonmetallic mineral product manufacturing | 327 | 4.0 | 2.5 | 1.6 | 0.9 | 1.4 |
| Primary metal manufacturing | 331 | 3.8 | 2.2 | 1.1 | 1.1 | 1.6 |
| Fabricated metal product manufacturing | 332 | 5.3 | 2.5 | 1.3 | 1.2 | 2.8 |
| Machinery manufacturing | 333 | 2.8 | 1.6 | 0.8 | 0.8 | 1.2 |
| Computer and electronic product manufacturing | 334 | 1.1 | 0.7 | 0.2 | 0.4 | 0.4 |
| Electrical equipment, appliance, and component manufacturing | 335 | 5.3 | 2.6 | 1.3 | 1.3 | 2.8 |
| Transportation equipment manufacturing | 336 | 4.3 | 2.4 | 1.1 | 1.3 | 2.0 |
| Furniture and related product manufacturing | 337 | 4.2 | 3.1 | 1.4 | 1.7 | 1.1 |
| Miscellaneous manufacturing | 339 | 3.2 | 1.6 | 1.0 | 0.5 | 1.7 |
| Service-providing | | 3.2 | 1.6 | 0.9 | 0.7 | 1.5 |
| Trade, transportation, and utilities⁸ | | 3.6 | 2.3 | 1.2 | 1.1 | 1.3 |
| Wholesale trade | | 2.5 | 1.7 | 1.0 | 0.7 | 0.8 |
| Merchant wholesalers, durable goods | 423 | 2.7 | 1.6 | 1.1 | 0.4 | 1.1 |
| Merchant wholesalers, nondurable goods | 424 | 3.5 | 2.8 | 1.2 | 1.6 | 0.8 |
| Wholesale electronic markets and agents and brokers | 425 | 0.6 | 0.4 | 0.4 | -- | 0.1 |

See footnotes at end of table.

Table 1. Incidence rates¹ of nonfatal occupational injuries and illnesses by selected industries and case types, Pennsylvania, 2016

| 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 | |
| Retail trade | | 3.6 | 2.1 | 1.1 | 1.1 | 1.5 |
| Motor vehicle and parts dealers | 441 | 3.8 | 2.7 | 1.6 | 1.0 | 1.2 |
| Electronics and appliance stores | 443 | 0.5 | 0.4 | 0.2 | -- | -- |
| Building material and garden equipment and supplies dealers | 444 | 5.1 | 3.2 | 1.4 | 1.8 | 2.0 |
| Food and beverage stores | 445 | 3.9 | 2.4 | 1.2 | 1.2 | 1.5 |
| Health and personal care stores | 446 | -- | 0.5 | -- | 0.5 | -- |
| Gasoline stations | 447 | 4.1 | 2.3 | 0.8 | -- | 1.8 |
| Sporting goods, hobby, book, and music stores | 451 | 2.7 | 1.0 | -- | 0.4 | 1.8 |
| General merchandise stores | 452 | 4.8 | 2.7 | 1.1 | 1.6 | 2.1 |
| Miscellaneous store retailers | 453 | 4.3 | 1.8 | 0.8 | 0.9 | -- |
| Nonstore retailers | 454 | 1.4 | 1.0 | 0.5 | 0.5 | 0.4 |
| Transportation and warehousing⁸ | | 4.9 | 3.5 | 1.9 | 1.6 | 1.4 |
| Air transportation | 481 | 9.3 | 7.2 | 4.8 | 2.4 | 2.1 |
| Truck transportation | 484 | 4.3 | 3.0 | 2.0 | 1.0 | 1.3 |
| Transit and ground passenger transportation | 485 | 3.1 | 1.8 | 1.4 | 0.4 | 1.3 |
| Support activities for transportation | 488 | 2.0 | 1.5 | 1.3 | 0.2 | 0.5 |
| Couriers and messengers | 492 | 6.2 | 4.7 | 2.3 | 2.4 | 1.5 |
| Warehousing and storage | 493 | 6.1 | 4.6 | 1.7 | 2.8 | 1.5 |
| Utilities | | 1.4 | 0.8 | 0.5 | 0.3 | 0.6 |
| Utilities | 221 | 1.4 | 0.8 | 0.5 | 0.3 | 0.6 |
| Information | | 1.6 | 0.7 | 0.5 | 0.3 | 0.9 |
| Information | | 1.6 | 0.7 | 0.5 | 0.3 | 0.9 |

See footnotes at end of table.

Table 1. Incidence rates¹ of nonfatal occupational injuries and illnesses by selected industries and case types, Pennsylvania, 2016

| 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 | |
| Publishing industries (except internet) | 511 | 1.1 | 0.4 | 0.3 | 0.1 | 0.8 |
| Broadcasting (except internet) | 515 | 1.3 | 0.4 | 0.4 | -- | -- |
| Telecommunications | 517 | 2.7 | 1.6 | 1.0 | 0.6 | 1.1 |
| Other information services | 519 | -- | -- | -- | -- | -- |
| Finance, insurance, and real estate | | 1.4 | 0.8 | 0.8 | (⁹) | 0.6 |
| Finance and insurance | | 0.7 | 0.4 | 0.4 | (⁹) | 0.3 |
| Credit intermediation and related activities | 522 | 0.9 | -- | -- | -- | 0.3 |
| Insurance carriers and related activities | 524 | 0.5 | 0.1 | 0.1 | (⁹) | 0.4 |
| Real estate and rental and leasing | | 4.3 | 2.6 | 2.5 | 0.1 | -- |
| Real estate | 531 | 3.3 | 3.1 | 3.1 | -- | -- |
| Professional and business services | | 1.3 | 0.6 | 0.4 | 0.2 | 0.7 |
| Professional, scientific, and technical services | | 0.8 | 0.2 | 0.1 | 0.1 | 0.7 |
| Professional, scientific, and technical services | 541 | 0.8 | 0.2 | 0.1 | 0.1 | 0.7 |
| Management of companies and enterprises | | 0.5 | 0.2 | 0.1 | 0.1 | 0.3 |
| Administrative and support and waste management and remediation services | | 2.2 | 1.3 | 0.8 | 0.5 | 0.9 |
| Waste management and remediation services | 562 | 4.2 | 2.7 | 1.4 | 1.3 | 1.6 |

See footnotes at end of table.

Table 1. Incidence rates¹ of nonfatal occupational injuries and illnesses by selected industries and case types, Pennsylvania, 2016

| 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 | |
| Educational and health services | | 4.7 | 2.2 | 1.0 | 1.1 | 2.5 |
| Educational services | | 2.0 | 0.7 | 0.5 | 0.2 | 1.3 |
| Educational services | 611 | 2.0 | 0.7 | 0.5 | 0.2 | 1.3 |
| Health care and social assistance | | 5.1 | 2.4 | 1.1 | 1.3 | 2.7 |
| Ambulatory health care services | 621 | 3.4 | 1.1 | 0.7 | 0.4 | 2.3 |
| Hospitals | 622 | 5.9 | 2.5 | 1.2 | 1.3 | 3.4 |
| Nursing and residential care facilities | 623 | 8.0 | 5.2 | 1.8 | 3.4 | 2.8 |
| Social assistance | 624 | 3.4 | 1.3 | 0.9 | 0.4 | 2.0 |
| Leisure, entertainment, and hospitality | | 4.3 | 1.7 | 1.0 | 0.7 | 2.6 |
| Arts, entertainment, and recreation | | 6.3 | 4.0 | 1.0 | -- | 2.2 |
| Museums, historical sites, and similar institutions | 712 | 4.1 | 1.2 | 0.5 | 0.7 | 2.9 |
| Amusement, gambling, and recreation industries | 713 | 4.1 | 2.1 | 1.2 | 1.0 | 1.9 |
| Accommodation and food services | | 3.9 | 1.3 | 1.0 | 0.3 | 2.6 |
| Accommodation | 721 | 4.4 | 2.0 | 1.2 | 0.8 | 2.4 |
| Food services and drinking places | 722 | 3.9 | 1.2 | 1.0 | 0.2 | 2.7 |
| Other services (except public administration) | | 2.3 | 1.1 | 0.9 | 0.2 | 1.2 |
| Other services (except public administration) | | 2.3 | 1.1 | 0.9 | 0.2 | 1.2 |
| Repair and maintenance | 811 | 3.1 | 1.3 | -- | 0.3 | 1.8 |

See footnotes at end of table.

Table 1. Incidence rates¹ of nonfatal occupational injuries and illnesses by selected industries and case types, Pennsylvania, 2016

| 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 | |
| Religious, grantmaking, civic, professional, and similar organizations | 813 | 1.6 | 0.5 | 0.4 | -- | 1.0 |
| State and local government⁵ | | -- | -- | -- | -- | -- |
| State government⁵ | | -- | -- | -- | -- | -- |
| Local government⁵ | | -- | -- | -- | -- | -- |
| Service-providing | | -- | -- | -- | -- | -- |
| Trade, transportation, and utilities⁸ | | 4.7 | 2.3 | 1.1 | 1.2 | -- |
| Utilities | | -- | -- | -- | -- | -- |

See footnotes at end of table.

Table 1. Incidence rates¹ of nonfatal occupational injuries and illnesses by selected industries and case types, Pennsylvania, 2016

| 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 | |

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 *North American Industry Classification System* -- United States, 2012.

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*, 2012 edition) 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 OSHA 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 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.

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, October 31, 2017

Table 2. Numbers of nonfatal occupational injuries and illnesses by selected industries and case types, Pennsylvania, 2016

(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 | | 150.9 | 80.3 | 45.0 | 35.3 | 70.6 |
| Private industry⁴ | | 138.0 | 72.7 | 40.1 | 32.6 | 65.2 |
| Goods-producing⁴ | | 33.8 | 18.7 | 10.3 | 8.5 | 15.1 |
| Natural resources and mining^{4,5} | | 1.7 | 0.9 | 0.5 | 0.3 | 0.8 |
| Agriculture, forestry, fishing and hunting⁴ | | 1.1 | 0.6 | 0.3 | 0.3 | 0.5 |
| Crop production ⁴ | 111 | 0.8 | 0.5 | 0.3 | 0.2 | 0.3 |
| Animal production and aquaculture ⁴ | 112 | 0.2 | 0.1 | (⁸) | 0.1 | 0.2 |
| Mining, quarrying, and oil and gas extraction⁵ | | 0.6 | 0.3 | 0.2 | (⁸) | 0.3 |
| Oil and gas extraction | 211 | (⁸) | (⁸) | (⁸) | (⁸) | (⁸) |
| Mining (except oil and gas) ⁶ | 212 | 0.3 | 0.2 | 0.2 | (⁸) | 0.1 |
| Support activities for mining | 213 | 0.2 | (⁸) | (⁸) | -- | -- |
| Construction | | 9.6 | 4.8 | 3.7 | 1.1 | 4.8 |
| Construction | | 9.6 | 4.8 | 3.7 | 1.1 | 4.8 |
| Construction of buildings | 236 | 2.6 | 1.3 | 1.1 | 0.2 | 1.3 |
| Heavy and civil engineering construction | 237 | 0.9 | 0.4 | 0.3 | 0.2 | 0.5 |
| Specialty trade contractors | 238 | 6.1 | 3.1 | 2.3 | 0.8 | 3.1 |
| Manufacturing | | 22.5 | 13.1 | 6.0 | 7.0 | 9.4 |

See footnotes at end of table.

Table 2. Numbers of nonfatal occupational injuries and illnesses by selected industries and case types, Pennsylvania, 2016

(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 | |
| Manufacturing | | 22.5 | 13.1 | 6.0 | 7.0 | 9.4 |
| Food manufacturing | 311 | 3.8 | 2.7 | 0.9 | 1.8 | 1.1 |
| Beverage and tobacco product manufacturing | 312 | 0.3 | 0.1 | (⁸) | 0.1 | 0.2 |
| Textile mills | 313 | 0.2 | 0.1 | -- | (⁸) | 0.1 |
| Wood product manufacturing | 321 | 1.6 | 1.0 | 0.5 | 0.5 | 0.6 |
| Paper manufacturing | 322 | 0.8 | 0.5 | 0.2 | 0.3 | 0.3 |
| Printing and related support activities | 323 | 0.8 | 0.3 | 0.1 | 0.2 | 0.5 |
| Petroleum and coal products manufacturing | 324 | 0.1 | 0.1 | 0.1 | (⁸) | (⁸) |
| Chemical manufacturing | 325 | 0.7 | 0.4 | 0.2 | 0.2 | 0.3 |
| Plastics and rubber products manufacturing | 326 | 1.6 | 1.0 | 0.5 | 0.6 | 0.6 |
| Nonmetallic mineral product manufacturing | 327 | 0.8 | 0.5 | 0.3 | 0.2 | 0.3 |
| Primary metal manufacturing | 331 | 1.4 | 0.8 | 0.4 | 0.4 | 0.6 |
| Fabricated metal product manufacturing | 332 | 4.2 | 2.0 | 1.0 | 1.0 | 2.2 |
| Machinery manufacturing | 333 | 1.2 | 0.7 | 0.3 | 0.4 | 0.5 |
| Computer and electronic product manufacturing | 334 | 0.3 | 0.2 | 0.1 | 0.1 | 0.1 |
| Electrical equipment, appliance, and component manufacturing | 335 | 1.4 | 0.7 | 0.3 | 0.3 | 0.7 |
| Transportation equipment manufacturing | 336 | 1.6 | 0.9 | 0.4 | 0.5 | 0.7 |
| Furniture and related product manufacturing | 337 | 0.7 | 0.5 | 0.2 | 0.3 | 0.2 |
| Miscellaneous manufacturing | 339 | 0.8 | 0.4 | 0.3 | 0.1 | 0.4 |
| Service-providing | | 104.1 | 54.0 | 29.8 | 24.2 | 50.1 |
| Trade, transportation, and utilities⁷ | | 33.1 | 21.2 | 11.3 | 9.9 | 11.9 |
| Wholesale trade | | 5.3 | 3.6 | 2.1 | 1.4 | 1.7 |
| Merchant wholesalers, durable goods | 423 | 2.9 | 1.7 | 1.2 | 0.5 | 1.2 |
| Merchant wholesalers, nondurable goods | 424 | 2.1 | 1.7 | 0.7 | 1.0 | 0.5 |
| Wholesale electronic markets and agents and brokers | 425 | 0.3 | 0.2 | 0.2 | (⁸) | 0.1 |

See footnotes at end of table.

Table 2. Numbers of nonfatal occupational injuries and illnesses by selected industries and case types, Pennsylvania, 2016

(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 | |
| Retail trade | | 16.7 | 9.8 | 4.9 | 4.9 | 6.9 |
| Motor vehicle and parts dealers | 441 | 2.8 | 1.9 | 1.2 | 0.7 | 0.9 |
| Electronics and appliance stores | 443 | 0.1 | (⁸) | (⁸) | -- | -- |
| Building material and garden equipment and supplies dealers | 444 | 1.9 | 1.2 | 0.5 | 0.7 | 0.7 |
| Food and beverage stores | 445 | 3.7 | 2.3 | 1.2 | 1.1 | 1.4 |
| Health and personal care stores | 446 | -- | 0.2 | -- | 0.2 | -- |
| Gasoline stations | 447 | 1.3 | 0.7 | 0.2 | -- | 0.6 |
| Sporting goods, hobby, book, and music stores | 451 | 0.4 | 0.1 | -- | 0.1 | 0.3 |
| General merchandise stores | 452 | 3.7 | 2.1 | 0.8 | 1.2 | 1.6 |
| Miscellaneous store retailers | 453 | 0.9 | 0.4 | 0.2 | 0.2 | -- |
| Nonstore retailers | 454 | 0.4 | 0.3 | 0.1 | 0.1 | 0.1 |
| Transportation and warehousing⁷ | | 10.8 | 7.6 | 4.2 | 3.5 | 3.1 |
| Air transportation | 481 | 0.8 | 0.6 | 0.4 | 0.2 | 0.2 |
| Truck transportation | 484 | 3.0 | 2.1 | 1.4 | 0.7 | 0.9 |
| Transit and ground passenger transportation | 485 | 0.6 | 0.4 | 0.3 | 0.1 | 0.2 |
| Support activities for transportation | 488 | 0.3 | 0.2 | 0.2 | (⁸) | 0.1 |
| Couriers and messengers | 492 | 1.1 | 0.9 | 0.4 | 0.4 | 0.3 |
| Warehousing and storage | 493 | 4.4 | 3.3 | 1.2 | 2.0 | 1.1 |
| Utilities | | 0.3 | 0.2 | 0.1 | 0.1 | 0.1 |
| Utilities | 221 | 0.3 | 0.2 | 0.1 | 0.1 | 0.1 |
| Information | | 1.2 | 0.5 | 0.4 | 0.2 | 0.6 |
| Information | | 1.2 | 0.5 | 0.4 | 0.2 | 0.6 |

See footnotes at end of table.

Table 2. Numbers of nonfatal occupational injuries and illnesses by selected industries and case types, Pennsylvania, 2016

(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 | |
| Publishing industries (except internet) | 511 | 0.2 | 0.1 | 0.1 | (⁸) | 0.1 |
| Broadcasting (except internet) | 515 | 0.1 | (⁸) | (⁸) | (⁸) | -- |
| Telecommunications | 517 | 0.7 | 0.4 | 0.3 | 0.2 | 0.3 |
| Other information services | 519 | (⁸) | (⁸) | (⁸) | (⁸) | (⁸) |
| Finance, insurance, and real estate | | 4.1 | 2.3 | 2.2 | 0.1 | 1.8 |
| Finance and insurance | | 1.7 | 0.9 | 0.8 | (⁸) | 0.8 |
| Credit intermediation and related activities | 522 | 0.7 | -- | -- | (⁸) | 0.3 |
| Insurance carriers and related activities | 524 | 0.6 | 0.2 | 0.1 | (⁸) | 0.5 |
| Real estate and rental and leasing | | 2.4 | 1.4 | 1.4 | 0.1 | -- |
| Real estate | 531 | 1.2 | 1.1 | 1.1 | (⁸) | -- |
| Professional and business services | | 8.9 | 4.2 | 2.6 | 1.6 | 4.7 |
| Professional, scientific, and technical services | | 2.6 | 0.6 | 0.3 | 0.3 | 2.1 |
| Professional, scientific, and technical services | 541 | 2.6 | 0.6 | 0.3 | 0.3 | 2.1 |
| Management of companies and enterprises | | 0.6 | 0.2 | 0.2 | 0.1 | 0.4 |
| Administrative and support and waste management and remediation services | | 5.7 | 3.4 | 2.1 | 1.3 | 2.2 |
| Waste management and remediation services | 562 | 0.8 | 0.5 | 0.3 | 0.2 | 0.3 |

See footnotes at end of table.

Table 2. Numbers of nonfatal occupational injuries and illnesses by selected industries and case types, Pennsylvania, 2016

(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 | |
| Educational and health services | | 40.4 | 18.9 | 9.0 | 9.9 | 21.5 |
| Educational services | | 2.5 | 0.9 | 0.6 | 0.3 | 1.6 |
| Educational services | 611 | 2.5 | 0.9 | 0.6 | 0.3 | 1.6 |
| Health care and social assistance | | 38.0 | 18.1 | 8.4 | 9.7 | 19.9 |
| Ambulatory health care services | 621 | 8.5 | 2.8 | 1.7 | 1.1 | 5.7 |
| Hospitals | 622 | 12.7 | 5.3 | 2.6 | 2.7 | 7.4 |
| Nursing and residential care facilities | 623 | 12.7 | 8.3 | 2.9 | 5.4 | 4.4 |
| Social assistance | 624 | 4.0 | 1.6 | 1.1 | 0.4 | 2.5 |
| Leisure, entertainment, and hospitality | | 13.3 | 5.3 | 3.2 | 2.1 | 8.0 |
| Arts, entertainment, and recreation | | 2.7 | 1.7 | 0.4 | -- | 0.9 |
| Museums, historical sites, and similar institutions | 712 | 0.2 | 0.1 | (⁸) | (⁸) | 0.1 |
| Amusement, gambling, and recreation industries | 713 | 1.2 | 0.6 | 0.3 | 0.3 | 0.6 |
| Accommodation and food services | | 10.6 | 3.6 | 2.8 | 0.8 | 7.1 |
| Accommodation | 721 | 2.0 | 0.9 | 0.5 | 0.4 | 1.1 |
| Food services and drinking places | 722 | 8.7 | 2.7 | 2.3 | 0.4 | 6.0 |
| Other services (except public administration) | | 3.1 | 1.5 | 1.2 | 0.3 | 1.6 |
| Other services (except public administration) | | 3.1 | 1.5 | 1.2 | 0.3 | 1.6 |
| Repair and maintenance | 811 | 1.5 | 0.6 | -- | 0.1 | 0.9 |

See footnotes at end of table.

Table 2. Numbers of nonfatal occupational injuries and illnesses by selected industries and case types, Pennsylvania, 2016

(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 | |
| Religious, grantmaking, civic, professional, and similar organizations | 813 | 0.6 | 0.2 | 0.1 | -- | 0.4 |
| State and local government⁴ | | -- | -- | -- | -- | -- |
| State government⁴ | | -- | -- | -- | -- | -- |
| Local government⁴ | | -- | -- | -- | -- | -- |
| Service-providing | | -- | -- | -- | -- | -- |
| Trade, transportation, and utilities⁷ | | 0.9 | 0.4 | 0.2 | 0.2 | -- |
| Utilities | | -- | -- | -- | -- | -- |

Table 2. Numbers of nonfatal occupational injuries and illnesses by selected industries and case types, Pennsylvania, 2016

(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 | |
| <p>¹ Totals include data for industries not shown separately.</p> <p>² <i>North American Industry Classification System</i> -- United States, 2012.</p> <p>³ Days-away-from-work cases include those that result in days away from work with or without job transfer or restriction.</p> <p>⁴ Excludes farms with fewer than 11 employees.</p> <p>⁵ Data for mining (Sector 21 in the <i>North American Industry Classification System</i>, 2012 edition) 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 OSHA made to its recordkeeping requirements effective January 1, 2002; therefore estimates for these industries are not comparable to estimates in other industries.</p> <p>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.</p> <p>⁷ Data for employers in rail transportation are provided to BLS by the Federal Railroad Administration, U.S. Department of Transportation.</p> <p>⁸ Data too small to be displayed.</p> <p>NOTE: Because of rounding, components may not add to totals. Dash indicates data do not meet publication guidelines.</p> <p>SOURCE: U.S. Bureau of Labor Statistics, U.S. Department of Labor, Survey of Occupational Injuries and Illnesses in cooperation with participating state agencies, October 31, 2017</p> | | | | | | |

Table 3. Incidence rates¹ of nonfatal occupational injuries and illnesses by industry sector and employment size, Pennsylvania, 2016

| 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 | 3.3 | 1.7 | 3.2 | 3.9 | 3.4 | 3.5 |
| Private industry³ | 3.3 | 1.7 | 3.3 | 4.0 | 3.4 | 3.5 |
| Goods-producing³ | 4.1 | -- | 4.8 | 4.3 | 3.6 | 3.2 |
| Natural resources and mining^{3,4} | 3.3 | -- | 2.0 | 3.8 | 5.9 | -- |
| Agriculture, forestry, fishing and hunting³ | 5.0 | -- | 3.3 | 5.6 | 10.0 | -- |
| Mining, quarrying, and oil and gas extraction⁴ | 2.0 | -- | 1.4 | 1.1 | 3.7 | -- |
| Construction | 4.4 | -- | 6.0 | 4.1 | 2.4 | -- |
| Manufacturing | 4.0 | -- | 4.6 | 4.4 | 3.6 | 3.1 |
| Service-providing | 3.2 | 1.5 | 2.9 | 4.0 | 3.3 | 3.6 |
| Trade, transportation, and utilities⁵ | 3.6 | -- | 3.4 | 4.3 | 4.7 | 4.1 |
| Wholesale trade | 2.5 | -- | 3.3 | 3.4 | 3.6 | -- |
| Retail trade | 3.6 | -- | 3.4 | 4.3 | 4.5 | -- |
| Transportation and warehousing⁵ | 4.9 | -- | 3.9 | 5.4 | 5.8 | 5.5 |
| Utilities | 1.4 | -- | -- | 2.0 | -- | -- |
| Information | 1.6 | -- | -- | 1.8 | 2.2 | -- |
| Finance, insurance, and real estate | 1.4 | 3.0 | -- | 1.2 | 0.9 | 0.4 |
| Finance and insurance | 0.7 | -- | -- | 1.0 | 0.8 | 0.4 |
| Real estate and rental and leasing | 4.3 | 8.6 | -- | -- | -- | -- |
| Professional and business services | 1.3 | -- | 1.6 | 1.7 | 1.2 | 0.6 |
| Professional, scientific, and technical services | 0.8 | -- | 1.9 | 0.6 | 0.8 | 0.6 |
| Management of companies and enterprises | 0.5 | -- | -- | -- | 0.7 | 0.3 |
| Administrative and support and waste management and remediation services | 2.2 | -- | 1.6 | 3.8 | 1.8 | 1.9 |
| Educational and health services | 4.7 | -- | 3.6 | 5.6 | 5.4 | 4.6 |
| Educational services | 2.0 | -- | 2.3 | 2.4 | 2.3 | 1.6 |
| Health care and social assistance | 5.1 | -- | 3.7 | 6.1 | 5.9 | 5.6 |
| Leisure, entertainment, and hospitality | 4.3 | -- | 3.8 | 5.2 | 6.0 | 4.4 |
| Arts, entertainment, and recreation | 6.3 | -- | -- | 4.1 | 6.7 | 4.6 |
| Accommodation and food services | 3.9 | -- | 3.2 | 5.4 | 5.3 | 4.2 |
| Other services (except public administration) | 2.3 | -- | -- | 3.9 | 3.2 | -- |
| Other services (except public administration) | 2.3 | -- | -- | 3.9 | 3.2 | -- |

Table 3. Incidence rates¹ of nonfatal occupational injuries and illnesses by industry sector and employment size, Pennsylvania, 2016

| 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 |
| 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 *North American Industry Classification System* -- United States, 2012.

³ Excludes farms with fewer than 11 employees.

⁴ Data for mining (Sector 21 in the *North American Industry Classification System*, 2012 edition) 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 OSHA made to its recordkeeping requirements effective January 1, 2002; therefore estimates for these industries are not comparable to estimates in 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, October 31, 2017

Table 4. Incidence rates¹ and numbers of nonfatal occupational injuries by selected industries, Pennsylvania, 2016

| Industry ² | NAICS code ³ | Incidence rates ¹ | Numbers (in thousands) |
|--|-------------------------|------------------------------|---------------------------|
| All industries including state and local government⁴ | | 3.2 | 145.0 |
| Private industry⁴ | | 3.2 | 132.5 |
| Goods-producing⁴ | | 3.9 | 32.0 |
| Natural resources and mining^{4,5} | | 3.3 | 1.7 |
| Agriculture, forestry, fishing and hunting⁴ | | 4.9 | 1.1 |
| Crop production ⁴ | 111 | 6.0 | 0.8 |
| Animal production and aquaculture ⁴ | 112 | 4.1 | 0.2 |
| Mining, quarrying, and oil and gas extraction⁵ | | 2.0 | 0.6 |
| Oil and gas extraction | 211 | 0.3 | ⁽⁸⁾ |
| Mining (except oil and gas) ⁶ | 212 | 3.2 | 0.3 |
| Support activities for mining | 213 | 1.7 | 0.2 |
| Construction | | 4.2 | 9.2 |
| Construction | | 4.2 | 9.2 |
| Construction of buildings | 236 | 4.9 | 2.5 |
| Heavy and civil engineering construction | 237 | 2.4 | 0.8 |
| Specialty trade contractors | 238 | 4.4 | 5.9 |
| Manufacturing | | 3.8 | 21.1 |
| Manufacturing | | 3.8 | 21.1 |

See footnotes at end of table.

Table 4. Incidence rates¹ and numbers of nonfatal occupational injuries by selected industries, Pennsylvania, 2016

| Industry ² | NAICS code ³ | Incidence rates ¹ | Numbers (in thousands) |
|--|-------------------------|------------------------------|---------------------------|
| Food manufacturing | 311 | 4.8 | 3.3 |
| Beverage and tobacco product manufacturing | 312 | 2.9 | 0.2 |
| Textile mills | 313 | 6.0 | 0.2 |
| Wood product manufacturing | 321 | 6.9 | 1.6 |
| Paper manufacturing | 322 | 3.1 | 0.8 |
| Printing and related support activities | 323 | 3.3 | 0.8 |
| Petroleum and coal products manufacturing | 324 | 1.8 | 0.1 |
| Chemical manufacturing | 325 | 1.6 | 0.6 |
| Plastics and rubber products manufacturing | 326 | 4.0 | 1.6 |
| Nonmetallic mineral product manufacturing | 327 | 3.8 | 0.8 |
| Primary metal manufacturing | 331 | 3.6 | 1.3 |
| Fabricated metal product manufacturing | 332 | 5.1 | 4.1 |
| Machinery manufacturing | 333 | 2.7 | 1.2 |
| Computer and electronic product manufacturing | 334 | 0.9 | 0.3 |
| Electrical equipment, appliance, and component manufacturing | 335 | 5.1 | 1.3 |
| Transportation equipment manufacturing | 336 | 4.0 | 1.5 |
| Furniture and related product manufacturing | 337 | 3.7 | 0.6 |
| Miscellaneous manufacturing | 339 | 2.9 | 0.7 |
| Service-providing | | 3.0 | 100.5 |
| Trade, transportation, and utilities⁷ | | 3.5 | 32.1 |
| Wholesale trade | | 2.4 | 5.0 |
| Merchant wholesalers, durable goods | 423 | 2.6 | 2.8 |
| Merchant wholesalers, nondurable goods | 424 | 3.5 | 2.1 |
| Wholesale electronic markets and agents and brokers | 425 | 0.3 | 0.1 |
| Retail trade | | 3.6 | 16.3 |

See footnotes at end of table.

Table 4. Incidence rates¹ and numbers of nonfatal occupational injuries by selected industries, Pennsylvania, 2016

| Industry ² | NAICS code ³ | Incidence rates ¹ | Numbers (in thousands) |
|---|-------------------------|------------------------------|---------------------------|
| Motor vehicle and parts dealers | 441 | 3.8 | 2.8 |
| Electronics and appliance stores | 443 | 0.5 | 0.1 |
| Building material and garden equipment and supplies dealers | 444 | 5.1 | 1.9 |
| Food and beverage stores | 445 | 3.8 | 3.7 |
| Gasoline stations | 447 | 3.9 | 1.2 |
| Sporting goods, hobby, book, and music stores | 451 | 2.7 | 0.4 |
| General merchandise stores | 452 | 4.5 | 3.5 |
| Miscellaneous store retailers | 453 | 3.9 | 0.8 |
| Nonstore retailers | 454 | 1.4 | 0.4 |
| Transportation and warehousing⁷ | | 4.8 | 10.5 |
| Air transportation | 481 | 8.8 | 0.8 |
| Truck transportation | 484 | 4.3 | 3.0 |
| Transit and ground passenger transportation | 485 | 3.0 | 0.6 |
| Support activities for transportation | 488 | 2.0 | 0.3 |
| Couriers and messengers | 492 | 5.8 | 1.1 |
| Warehousing and storage | 493 | 6.0 | 4.3 |
| Utilities | | 1.4 | 0.3 |
| Utilities | 221 | 1.4 | 0.3 |
| Information | | 1.6 | 1.2 |
| Information | | 1.6 | 1.2 |
| Publishing industries (except internet) | 511 | 1.1 | 0.2 |
| Broadcasting (except internet) | 515 | 1.3 | 0.1 |
| Telecommunications | 517 | 2.7 | 0.7 |
| Other information services | 519 | -- | (⁸) |

See footnotes at end of table.

Table 4. Incidence rates¹ and numbers of nonfatal occupational injuries by selected industries, Pennsylvania, 2016

| Industry ² | NAICS code ³ | Incidence rates ¹ | Numbers (in thousands) |
|---|-------------------------|------------------------------|---------------------------|
| Finance, insurance, and real estate | | 1.4 | 4.0 |
| Finance and insurance | | 0.7 | 1.6 |
| Credit intermediation and related activities | 522 | 0.8 | 0.7 |
| Insurance carriers and related activities | 524 | 0.5 | 0.6 |
| Real estate and rental and leasing | | 4.3 | 2.4 |
| Real estate | 531 | 3.3 | 1.1 |
| Professional and business services | | 1.2 | 8.5 |
| Professional, scientific, and technical services | | 0.8 | 2.5 |
| Professional, scientific, and technical services | 541 | 0.8 | 2.5 |
| Management of companies and enterprises | | 0.5 | 0.6 |
| Administrative and support and waste management and remediation services | | 2.1 | 5.4 |
| Waste management and remediation services | 562 | 4.2 | 0.8 |
| Educational and health services | | 4.5 | 38.8 |
| Educational services | | 1.8 | 2.3 |
| Educational services | 611 | 1.8 | 2.3 |

See footnotes at end of table.

Table 4. Incidence rates¹ and numbers of nonfatal occupational injuries by selected industries, Pennsylvania, 2016

| Industry ² | NAICS code ³ | Incidence rates ¹ | Numbers (in thousands) |
|--|-------------------------|------------------------------|---------------------------|
| Health care and social assistance | | 4.9 | 36.5 |
| Ambulatory health care services | 621 | 3.3 | 8.2 |
| Hospitals | 622 | 5.7 | 12.2 |
| Nursing and residential care facilities | 623 | 7.7 | 12.3 |
| Social assistance | 624 | 3.1 | 3.8 |
| Leisure, entertainment, and hospitality | | 4.1 | 12.9 |
| Arts, entertainment, and recreation | | 6.0 | 2.6 |
| Museums, historical sites, and similar institutions | 712 | 4.0 | 0.2 |
| Amusement, gambling, and recreation industries | 713 | 3.8 | 1.1 |
| Accommodation and food services | | 3.8 | 10.3 |
| Accommodation | 721 | 4.2 | 1.9 |
| Food services and drinking places | 722 | 3.8 | 8.4 |
| Other services (except public administration) | | 2.2 | 3.1 |
| Other services (except public administration) | | 2.2 | 3.1 |
| Repair and maintenance | 811 | 3.0 | 1.5 |
| Religious, grantmaking, civic, professional, and similar organizations | 813 | 1.5 | 0.6 |
| State and local government⁴ | | -- | -- |
| State government⁴ | | -- | -- |

Table 4. Incidence rates¹ and numbers of nonfatal occupational injuries by selected industries, Pennsylvania, 2016

| Industry ² | NAICS code ³ | Incidence rates ¹ | Numbers (in thousands) |
|---|-------------------------|------------------------------|---------------------------|
| Local government⁴ | | -- | -- |
| Service-providing | | -- | -- |
| Trade, transportation, and utilities⁷ | | 4.5 | 0.9 |
| Utilities | | -- | -- |

Table 4. Incidence rates¹ and numbers of nonfatal occupational injuries by selected industries, Pennsylvania, 2016

| Industry ² | NAICS code ³ | Incidence rates ¹ | Numbers (in thousands) |
|--|-------------------------|------------------------------|---------------------------|
| <p>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).</p> <p>² Totals include data for industries not shown separately.</p> <p>³ <i>North American Industry Classification System</i> -- United States, 2012.</p> <p>⁴ Excludes farms with fewer than 11 employees.</p> <p>⁵ Data for mining (Sector 21 in the <i>North American Industry Classification System</i>, 2012 edition) 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.</p> <p>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.</p> <p>⁷ Data for employers in rail transportation are provided to BLS by the Federal Railroad Administration, U.S. Department of Transportation.</p> <p>⁸ Data too small to be displayed.</p> <p>NOTE: Because of rounding, components may not add to totals. Dash indicates data do not meet publication guidelines.</p> <p>SOURCE: U.S. Bureau of Labor Statistics, U.S. Department of Labor, Survey of Occupational Injuries and Illnesses in cooperation with participating state agencies, October 31, 2017</p> | | | |

Table 5. Incidence rates¹ and numbers of nonfatal occupational illnesses by industry sector and category of illness, Pennsylvania, 2016

| Industry sector ² | Total cases | Skin disorders | Respiratory conditions | Poisonings | Hearing loss | All other illnesses | Total cases | Skin disorders | Respiratory conditions | Poisonings | Hearing loss | All other illnesses |
|---|---|----------------|------------------------|------------|--------------|---------------------|-----------------------------------|------------------|------------------------|------------------|------------------|---------------------|
| | Incidence rates per 10,000 full-time workers ¹ | | | | | | Numbers of illnesses in thousands | | | | | |
| All industries including state and local government³ | 13.0 | 2.5 | 0.8 | 0.1 | 1.8 | 7.7 | 5.9 | 1.2 | 0.4 | 0.1 | 0.8 | 3.5 |
| Private industry³ | 13.3 | 2.1 | 0.8 | 0.1 | 2.0 | 8.3 | 5.5 | 0.9 | 0.3 | 0.1 | 0.8 | 3.4 |
| Goods-producing³ | 21.7 | 3.5 | 0.4 | -- | 7.4 | 9.9 | 1.8 | 0.3 | (⁶) | -- | 0.6 | 0.8 |
| Natural resources and mining^{3,4} | 6.6 | -- | -- | -- | -- | 3.3 | (⁶) | (⁶) | (⁶) | -- | (⁶) | (⁶) |
| Agriculture, forestry, fishing and hunting³ | 8.7 | -- | -- | -- | -- | -- | (⁶) | (⁶) | (⁶) | -- | (⁶) | (⁶) |
| Mining, quarrying, and oil and gas extraction⁴ | -- | -- | -- | -- | -- | -- | (⁶) | (⁶) | (⁶) | (⁶) | (⁶) | (⁶) |
| Construction | 17.3 | -- | -- | -- | -- | 5.4 | 0.4 | -- | (⁶) | -- | -- | 0.1 |
| Manufacturing | 24.8 | 2.0 | 0.5 | -- | 10.1 | 12.3 | 1.4 | 0.1 | (⁶) | (⁶) | 0.6 | 0.7 |
| Service-providing | 11.2 | 1.7 | 1.0 | -- | 0.6 | 7.9 | 3.7 | 0.6 | (⁶) | (⁶) | 0.2 | 2.6 |
| Trade, transportation, and utilities⁵ | 10.9 | 1.5 | 0.7 | -- | 1.3 | 7.5 | 1.0 | 0.1 | 0.1 | (⁶) | 0.1 | 0.7 |
| Wholesale trade | 12.6 | -- | -- | -- | -- | 12.1 | 0.3 | (⁶) | (⁶) | (⁶) | (⁶) | 0.3 |
| Retail trade | 9.3 | 2.6 | 1.0 | -- | -- | 5.7 | 0.4 | 0.1 | (⁶) | (⁶) | (⁶) | 0.3 |
| Transportation and warehousing⁵ | 13.9 | -- | 0.8 | -- | 5.2 | 7.5 | 0.3 | (⁶) | (⁶) | (⁶) | 0.1 | 0.2 |
| Utilities | -- | -- | -- | -- | -- | -- | (⁶) | (⁶) | (⁶) | (⁶) | (⁶) | (⁶) |
| Information | -- | -- | -- | -- | -- | -- | -- | -- | (⁶) | (⁶) | -- | (⁶) |
| Finance, insurance, and real estate | 3.3 | -- | -- | -- | -- | 1.6 | 0.1 | -- | -- | (⁶) | (⁶) | (⁶) |
| Finance and insurance | 3.5 | -- | -- | -- | -- | 2.0 | 0.1 | -- | -- | (⁶) | (⁶) | (⁶) |
| Real estate and rental and leasing | -- | -- | -- | -- | -- | -- | -- | -- | (⁶) | (⁶) | (⁶) | (⁶) |
| Professional and business services | 6.4 | 0.7 | 0.3 | -- | -- | 4.4 | 0.4 | (⁶) | (⁶) | (⁶) | -- | 0.3 |
| Professional, scientific, and technical services | 4.5 | -- | -- | -- | -- | 4.2 | 0.1 | (⁶) | -- | (⁶) | (⁶) | 0.1 |
| Management of companies and enterprises | 2.5 | -- | -- | -- | -- | -- | (⁶) | (⁶) | -- | (⁶) | (⁶) | -- |
| Administrative and support and waste management and remediation services | 10.5 | 1.6 | -- | -- | -- | 6.0 | 0.3 | (⁶) | (⁶) | (⁶) | -- | 0.2 |
| Educational and health services | 18.9 | 2.8 | 1.8 | -- | -- | 14.2 | 1.6 | 0.2 | 0.2 | (⁶) | (⁶) | 1.2 |
| Educational services | 11.5 | -- | -- | -- | -- | 5.9 | 0.1 | (⁶) | -- | (⁶) | (⁶) | 0.1 |
| Health care and social assistance | 20.2 | 3.1 | 1.5 | -- | -- | 15.6 | 1.5 | 0.2 | 0.1 | (⁶) | (⁶) | 1.2 |
| Leisure, entertainment, and hospitality | 13.5 | 3.7 | 1.2 | -- | -- | 8.6 | 0.4 | 0.1 | (⁶) | (⁶) | (⁶) | 0.3 |
| Arts, entertainment, and recreation | 22.0 | 6.0 | -- | -- | -- | 15.4 | 0.1 | (⁶) | (⁶) | (⁶) | (⁶) | 0.1 |
| Accommodation and food services | 12.2 | 3.3 | 1.4 | -- | -- | 7.5 | 0.3 | 0.1 | (⁶) | (⁶) | (⁶) | 0.2 |
| Other services (except public administration) | 5.7 | -- | -- | -- | -- | 4.0 | 0.1 | -- | (⁶) | (⁶) | -- | 0.1 |
| Other services (except public administration) | 5.7 | -- | -- | -- | -- | 4.0 | 0.1 | -- | (⁶) | (⁶) | -- | 0.1 |
| State and local government³ | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| State government³ | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| Local government³ | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |

Table 5. Incidence rates¹ and numbers of nonfatal occupational illnesses by industry sector and category of illness, Pennsylvania, 2016

| Industry sector ² | Total cases | Skin disorders | Respiratory conditions | Poisonings | Hearing loss | All other illnesses | Total cases | Skin disorders | Respiratory conditions | Poisonings | Hearing loss | All other illnesses |
|------------------------------|---|----------------|------------------------|------------|--------------|---------------------|-----------------------------------|----------------|------------------------|------------|--------------|---------------------|
| | Incidence rates per 10,000 full-time workers ¹ | | | | | | Numbers of illnesses in thousands | | | | | |

¹ Incidence rates represent the number of illnesses per 10,000 full-time workers and were calculated as: (N/EH) x 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 *North American Industry Classification System* -- United States, 2012.

³ Excludes farms with fewer than 11 employees.

⁴ Data for mining (Sector 21 in the *North American Industry Classification System Manual*, 2012 edition) 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 OSHA made to its recordkeeping requirements effective January 1, 2002; therefore estimates for these industries are not comparable to estimates in 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, October 31, 2017

Table 6. Incidence rates¹ of nonfatal occupational injuries and illnesses by industry and case type, Pennsylvania, 2016

| 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 | | 3.3 | 1.8 | 1.0 | 0.8 | 1.5 |
| Private industry⁵ | | 3.3 | 1.8 | 1.0 | 0.8 | 1.6 |
| Goods-producing⁵ | | 4.1 | 2.3 | 1.2 | 1.0 | 1.8 |
| Natural resources and mining^{5,6} | | 3.3 | 1.7 | 1.0 | 0.7 | 1.6 |
| Agriculture, forestry, fishing and hunting⁵ | | 5.0 | 2.6 | 1.4 | 1.3 | 2.4 |
| Crop production ⁵ | 111 | 6.1 | 3.7 | 2.0 | 1.6 | 2.5 |
| Greenhouse, nursery, and floriculture production ⁵ | 1114 | 5.6 | 3.4 | 1.9 | 1.5 | 2.2 |
| Food crops grown under cover ⁵ | 11141 | 5.8 | 3.7 | 2.0 | 1.7 | 2.1 |
| Mushroom production ⁵ | 111411 | 6.0 | 3.8 | 2.0 | 1.8 | 2.1 |
| Other food crops grown under cover ⁵ | 111419 | -- | -- | -- | -- | -- |
| Animal production and aquaculture ⁵ | 112 | 4.1 | 1.3 | -- | 1.1 | 2.8 |
| Mining, quarrying, and oil and gas extraction⁶ | | 2.0 | 1.0 | 0.8 | 0.2 | 1.0 |
| Oil and gas extraction | 211 | 0.3 | -- | -- | -- | -- |
| Oil and gas extraction | 2111 | 0.3 | -- | -- | -- | -- |
| Oil and gas extraction | 21111 | 0.3 | -- | -- | -- | -- |
| Crude petroleum and natural gas extraction | 211111 | -- | -- | -- | -- | -- |
| Mining (except oil and gas) ⁷ | 212 | 3.3 | 2.4 | 2.0 | 0.4 | 1.0 |
| Coal mining ⁷ | 2121 | 4.2 | 3.1 | 3.0 | -- | 1.1 |
| Coal mining ⁷ | 21211 | 4.2 | 3.1 | 3.0 | -- | 1.1 |
| Bituminous coal and lignite surface mining ⁷ | 212111 | -- | -- | -- | -- | -- |
| Bituminous coal underground mining ⁷ | 212112 | 4.8 | 3.5 | 3.4 | -- | 1.3 |
| Anthracite mining ⁷ | 212113 | 4.6 | 3.5 | 3.1 | -- | -- |

See footnotes at end of table.

Table 6. Incidence rates¹ of nonfatal occupational injuries and illnesses by industry and case type, Pennsylvania, 2016

| 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 | |
| Nonmetallic mineral mining and quarrying ⁷ | 2123 | 2.4 | 1.6 | 1.0 | 0.6 | 0.8 |
| Support activities for mining | 213 | 1.7 | 0.2 | 0.1 | -- | -- |
| Support activities for mining | 2131 | 1.7 | 0.2 | 0.1 | -- | -- |
| Support activities for mining | 21311 | 1.7 | 0.2 | 0.1 | -- | -- |
| Drilling oil and gas wells | 213111 | -- | -- | -- | -- | -- |
| Support activities for oil and gas operations | 213112 | 1.9 | 0.2 | 0.2 | -- | -- |
| Construction | | 4.4 | 2.2 | 1.7 | 0.5 | 2.2 |
| Construction | | 4.4 | 2.2 | 1.7 | 0.5 | 2.2 |
| Construction of buildings | 236 | 4.9 | 2.5 | 2.1 | 0.4 | 2.5 |
| Nonresidential building construction | 2362 | 5.0 | 2.6 | 2.0 | 0.6 | 2.4 |
| Heavy and civil engineering construction | 237 | 2.6 | 1.3 | 0.8 | 0.5 | 1.4 |
| Utility system construction | 2371 | 2.6 | 1.3 | 0.6 | -- | 1.3 |
| Water and sewer line and related structures construction | 23711 | 4.9 | 2.6 | 1.2 | -- | 2.3 |
| Highway, street, and bridge construction | 2373 | 2.6 | 1.2 | 1.0 | 0.2 | 1.4 |
| Specialty trade contractors | 238 | 4.6 | 2.3 | 1.7 | 0.6 | 2.3 |
| Foundation, structure, and building exterior contractors | 2381 | 6.9 | 2.7 | 2.4 | 0.3 | 4.2 |
| Poured concrete foundation and structure contractors | 23811 | 7.8 | 4.3 | 4.3 | -- | 3.5 |
| Masonry contractors | 23814 | -- | 4.1 | -- | -- | -- |
| Roofing contractors | 23816 | 5.5 | 2.1 | 1.7 | 0.3 | -- |
| Building equipment contractors | 2382 | 4.5 | 2.5 | 1.9 | 0.6 | 2.0 |
| Electrical contractors and other wiring installation contractors | 23821 | 2.9 | 1.9 | 1.5 | 0.3 | 1.1 |
| Plumbing, heating, and air-conditioning contractors | 23822 | 6.1 | 3.3 | 2.3 | 0.9 | 2.8 |
| Building finishing contractors | 2383 | 4.8 | 2.1 | 1.6 | 0.5 | 2.7 |
| Other specialty trade contractors | 2389 | 2.6 | 1.5 | 0.8 | -- | 1.0 |
| Site preparation contractors | 23891 | 2.7 | 1.3 | -- | -- | 1.4 |
| All other specialty trade contractors | 23899 | 2.4 | 1.9 | -- | -- | -- |

See footnotes at end of table.

Table 6. Incidence rates¹ of nonfatal occupational injuries and illnesses by industry and case type, Pennsylvania, 2016

| 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 | |
| Manufacturing | | 4.0 | 2.3 | 1.1 | 1.3 | 1.7 |
| Manufacturing | | 4.0 | 2.3 | 1.1 | 1.3 | 1.7 |
| Food manufacturing | 311 | 5.4 | 3.9 | 1.3 | 2.6 | 1.6 |
| Sugar and confectionery product manufacturing | 3113 | 4.9 | 4.1 | 1.1 | 3.0 | 0.9 |
| Chocolate and confectionery manufacturing | 31135 | 5.3 | 4.5 | 1.1 | 3.4 | 0.8 |
| Fruit and vegetable preserving and specialty food manufacturing | 3114 | 8.0 | 4.2 | 1.4 | 2.7 | 3.8 |
| Dairy product manufacturing | 3115 | 5.8 | 4.3 | 2.0 | 2.3 | 1.4 |
| Animal slaughtering and processing | 3116 | 8.0 | 5.8 | 1.7 | 4.1 | 2.2 |
| Animal slaughtering and processing | 31161 | 8.0 | 5.8 | 1.7 | 4.1 | 2.2 |
| Animal (except poultry) slaughtering | 311611 | 9.0 | 5.9 | 1.0 | 4.8 | 3.2 |
| Meat processed from carcasses | 311612 | 5.2 | 3.9 | 1.9 | 2.0 | 1.3 |
| Poultry processing | 311615 | 10.6 | 8.4 | 2.2 | 6.2 | 2.3 |
| Bakeries and tortilla manufacturing | 3118 | 3.4 | 3.0 | 1.1 | 1.9 | 0.4 |
| Other food manufacturing | 3119 | 3.6 | 2.4 | 0.6 | 1.8 | 1.2 |
| Snack food manufacturing | 31191 | 5.2 | 3.4 | 0.9 | 2.5 | 1.8 |
| Beverage and tobacco product manufacturing | 312 | 3.3 | 1.2 | 0.4 | 0.8 | 2.1 |
| Beverage manufacturing | 3121 | 3.3 | 1.1 | 0.4 | 0.7 | 2.2 |
| Tobacco manufacturing | 3122 | 2.9 | -- | -- | -- | -- |
| Textile mills | 313 | 6.0 | 4.5 | -- | 1.5 | 1.6 |
| Wood product manufacturing | 321 | 7.0 | 4.5 | 2.3 | 2.2 | 2.5 |
| Sawmills and wood preservation | 3211 | 5.1 | 2.5 | 1.5 | 1.0 | 2.6 |
| Veneer, plywood, and engineered wood product manufacturing | 3212 | 5.2 | 2.7 | 1.9 | -- | 2.5 |
| Other wood product manufacturing | 3219 | 7.9 | 5.4 | 2.6 | 2.9 | 2.5 |
| Paper manufacturing | 322 | 3.2 | 1.9 | 0.9 | 1.0 | 1.3 |
| Pulp, paper, and paperboard mills | 3221 | 2.8 | 1.1 | 0.8 | -- | 1.6 |
| Converted paper product manufacturing | 3222 | 3.3 | 2.1 | 0.9 | 1.1 | 1.2 |
| Printing and related support activities | 323 | 3.6 | 1.5 | 0.6 | 0.9 | 2.1 |
| Petroleum and coal products manufacturing | 324 | 1.9 | 1.6 | 1.1 | 0.5 | 0.3 |

See footnotes at end of table.

Table 6. Incidence rates¹ of nonfatal occupational injuries and illnesses by industry and case type, Pennsylvania, 2016

| 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 | |
| Petroleum and coal products manufacturing | 3241 | 1.9 | 1.6 | 1.1 | 0.5 | 0.3 |
| Chemical manufacturing | 325 | 1.7 | 0.9 | 0.4 | 0.6 | 0.8 |
| Basic chemical manufacturing | 3251 | 2.5 | 1.0 | 0.8 | -- | 1.5 |
| Pharmaceutical and medicine manufacturing | 3254 | 1.1 | 0.6 | 0.1 | 0.4 | 0.5 |
| Pharmaceutical and medicine manufacturing | 32541 | 1.1 | 0.6 | 0.1 | 0.4 | 0.5 |
| Pharmaceutical preparation manufacturing | 325412 | 0.9 | 0.5 | 0.1 | 0.4 | 0.3 |
| Plastics and rubber products manufacturing | 326 | 4.1 | 2.6 | 1.2 | 1.5 | 1.5 |
| Plastics product manufacturing | 3261 | 4.2 | 2.6 | 1.2 | 1.4 | 1.5 |
| Rubber product manufacturing | 3262 | 4.0 | 2.5 | 0.7 | 1.8 | 1.5 |
| Nonmetallic mineral product manufacturing | 327 | 4.0 | 2.5 | 1.6 | 0.9 | 1.4 |
| Glass and glass product manufacturing | 3272 | 5.3 | 3.1 | 1.8 | 1.3 | 2.3 |
| Cement and concrete product manufacturing | 3273 | 4.8 | 3.3 | 2.3 | 1.0 | 1.4 |
| Primary metal manufacturing | 331 | 3.8 | 2.2 | 1.1 | 1.1 | 1.6 |
| Iron and steel mills and ferroalloy manufacturing | 3311 | 2.6 | 1.5 | 0.8 | 0.6 | 1.1 |
| Steel product manufacturing from purchased steel | 3312 | 6.1 | 3.8 | 1.5 | 2.3 | 2.2 |
| Rolling and drawing of purchased steel | 33122 | 7.5 | 5.2 | 2.5 | 2.7 | 2.3 |
| Alumina and aluminum production and processing | 3313 | 2.1 | 1.1 | 0.5 | 0.6 | 1.0 |
| Nonferrous metal (except aluminum) production and processing | 3314 | 2.7 | 1.7 | 0.7 | 0.9 | 1.0 |
| Foundries | 3315 | 5.3 | 3.0 | 1.7 | 1.3 | 2.4 |
| Fabricated metal product manufacturing | 332 | 5.3 | 2.5 | 1.3 | 1.2 | 2.8 |
| Forging and stamping | 3321 | 5.6 | 3.0 | 1.6 | 1.4 | 2.6 |
| Forging and stamping | 33211 | 5.6 | 3.0 | 1.6 | 1.4 | 2.6 |
| Powder metallurgy part manufacturing | 332117 | 3.5 | 2.2 | 1.5 | 0.7 | 1.3 |
| Architectural and structural metals manufacturing | 3323 | 7.6 | 3.7 | 1.6 | 2.1 | 3.8 |
| Plate work and fabricated structural product manufacturing | 33231 | 9.1 | 3.8 | 1.8 | -- | 5.4 |
| Ornamental and architectural metal products manufacturing | 33232 | 6.4 | 3.7 | 1.5 | 2.3 | 2.6 |
| Sheet metal work manufacturing | 332322 | 4.9 | 2.7 | 1.5 | -- | 2.2 |
| Boiler, tank, and shipping container manufacturing | 3324 | 6.6 | 4.5 | 1.7 | 2.8 | 2.0 |
| Machine shops; turned product; and screw, nut, and bolt manufacturing | 3327 | 5.1 | 1.5 | 0.8 | 0.6 | 3.7 |

See footnotes at end of table.

Table 6. Incidence rates¹ of nonfatal occupational injuries and illnesses by industry and case type, Pennsylvania, 2016

| 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 | |
| Machine shops | 33271 | 6.1 | 1.7 | 0.9 | 0.7 | -- |
| Turned product and screw, nut, and bolt manufacturing | 33272 | 2.1 | 0.8 | 0.4 | 0.4 | 1.3 |
| Coating, engraving, heat treating, and allied activities | 3328 | 2.5 | 0.9 | -- | 0.4 | 1.6 |
| Machinery manufacturing | 333 | 2.8 | 1.6 | 0.8 | 0.8 | 1.2 |
| Agriculture, construction, and mining machinery manufacturing | 3331 | 3.0 | 1.8 | 0.5 | 1.3 | 1.2 |
| Mining and oil and gas field machinery manufacturing | 33313 | 2.1 | 1.1 | -- | 0.6 | 1.0 |
| Industrial machinery manufacturing | 3332 | 1.8 | 1.8 | 1.4 | -- | -- |
| Ventilation, heating, air-conditioning, and commercial refrigeration equipment manufacturing | 3334 | 3.0 | 2.1 | 0.8 | 1.3 | 1.0 |
| Metalworking machinery manufacturing | 3335 | 2.1 | 0.7 | 0.5 | 0.2 | 1.4 |
| Metalworking machinery manufacturing | 33351 | 2.1 | 0.7 | 0.5 | 0.2 | 1.4 |
| Special die and tool, die set, jig, and fixture manufacturing | 333514 | 1.3 | 0.6 | 0.4 | -- | 0.6 |
| Engine, turbine, and power transmission equipment manufacturing | 3336 | 3.3 | 1.6 | 0.8 | 0.9 | 1.7 |
| Other general purpose machinery manufacturing | 3339 | 3.5 | 1.8 | 0.8 | 1.0 | 1.7 |
| Computer and electronic product manufacturing | 334 | 1.1 | 0.7 | 0.2 | 0.4 | 0.4 |
| Communications equipment manufacturing | 3342 | 1.9 | 1.2 | -- | 0.8 | 0.8 |
| Semiconductor and other electronic component manufacturing | 3344 | 1.1 | 0.8 | 0.3 | 0.5 | 0.2 |
| Navigational, measuring, electromedical, and control instruments manufacturing | 3345 | 1.0 | 0.5 | 0.1 | 0.4 | 0.5 |
| Electrical equipment, appliance, and component manufacturing | 335 | 5.3 | 2.6 | 1.3 | 1.3 | 2.8 |
| Electrical equipment manufacturing | 3353 | 8.6 | 3.8 | 2.1 | 1.7 | -- |
| Transportation equipment manufacturing | 336 | 4.3 | 2.4 | 1.1 | 1.3 | 2.0 |
| Motor vehicle body and trailer manufacturing | 3362 | 8.6 | 4.5 | 2.4 | 2.1 | 4.2 |
| Motor vehicle parts manufacturing | 3363 | 4.7 | 2.7 | 0.6 | 2.1 | 2.0 |
| Aerospace product and parts manufacturing | 3364 | 2.8 | 1.4 | 0.5 | 0.9 | 1.4 |
| Railroad rolling stock manufacturing | 3365 | 2.1 | 0.7 | 0.7 | -- | 1.3 |
| Furniture and related product manufacturing | 337 | 4.2 | 3.1 | 1.4 | 1.7 | 1.1 |
| Household and institutional furniture and kitchen cabinet manufacturing | 3371 | 4.4 | 3.2 | 1.0 | 2.2 | 1.2 |
| Office furniture (including fixtures) manufacturing | 3372 | 3.7 | 2.6 | 2.0 | 0.6 | 1.2 |

See footnotes at end of table.

Table 6. Incidence rates¹ of nonfatal occupational injuries and illnesses by industry and case type, Pennsylvania, 2016

| 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 | |
| Other furniture related product manufacturing | 3379 | 4.6 | 4.5 | 2.0 | 2.4 | -- |
| Miscellaneous manufacturing | 339 | 3.2 | 1.6 | 1.0 | 0.5 | 1.7 |
| Medical equipment and supplies manufacturing | 3391 | 2.1 | 1.2 | 0.6 | 0.6 | 1.0 |
| Other miscellaneous manufacturing | 3399 | 4.4 | 2.0 | 1.5 | 0.5 | 2.5 |
| Service-providing | | 3.2 | 1.6 | 0.9 | 0.7 | 1.5 |
| Trade, transportation, and utilities⁸ | | 3.6 | 2.3 | 1.2 | 1.1 | 1.3 |
| Wholesale trade | | 2.5 | 1.7 | 1.0 | 0.7 | 0.8 |
| Merchant wholesalers, durable goods | 423 | 2.7 | 1.6 | 1.1 | 0.4 | 1.1 |
| Motor vehicle and motor vehicle parts and supplies merchant wholesalers | 4231 | 3.6 | 1.9 | 1.8 | -- | 1.7 |
| Lumber and other construction materials merchant wholesalers | 4233 | 2.9 | 1.5 | 0.7 | 0.8 | 1.3 |
| Household appliances and electrical and electronic goods merchant wholesalers | 4236 | 1.8 | 1.4 | 1.3 | -- | -- |
| Hardware, and plumbing and heating equipment and supplies merchant wholesalers | 4237 | 0.2 | -- | -- | -- | 0.2 |
| Machinery, equipment, and supplies merchant wholesalers | 4238 | 4.0 | 2.4 | 1.7 | 0.7 | 1.6 |
| Industrial machinery and equipment merchant wholesalers | 42383 | 3.9 | 2.4 | 1.7 | 0.6 | 1.5 |
| Miscellaneous durable goods merchant wholesalers | 4239 | 3.5 | 1.6 | 0.8 | -- | 1.8 |
| Recyclable material merchant wholesalers | 42393 | 4.7 | 1.3 | 1.3 | -- | 3.4 |
| Merchant wholesalers, nondurable goods | 424 | 3.5 | 2.8 | 1.2 | 1.6 | 0.8 |
| Grocery and related product merchant wholesalers | 4244 | 5.7 | 4.4 | 1.6 | 2.7 | 1.3 |
| Petroleum and petroleum products merchant wholesalers | 4247 | -- | -- | -- | -- | -- |
| Beer, wine, and distilled alcoholic beverage merchant wholesalers | 4248 | 10.4 | 8.9 | 3.9 | 5.0 | 1.5 |
| Wholesale electronic markets and agents and brokers | 425 | 0.6 | 0.4 | 0.4 | -- | 0.1 |
| Retail trade | | 3.6 | 2.1 | 1.1 | 1.1 | 1.5 |

See footnotes at end of table.

Table 6. Incidence rates¹ of nonfatal occupational injuries and illnesses by industry and case type, Pennsylvania, 2016

| 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 | |
| Motor vehicle and parts dealers | 441 | 3.8 | 2.7 | 1.6 | 1.0 | 1.2 |
| Electronics and appliance stores | 443 | 0.5 | 0.4 | 0.2 | -- | -- |
| Building material and garden equipment and supplies dealers | 444 | 5.1 | 3.2 | 1.4 | 1.8 | 2.0 |
| Building material and supplies dealers | 4441 | 5.4 | 3.5 | 1.6 | 1.9 | 1.9 |
| Food and beverage stores | 445 | 3.9 | 2.4 | 1.2 | 1.2 | 1.5 |
| Health and personal care stores | 446 | -- | 0.5 | -- | 0.5 | -- |
| Gasoline stations | 447 | 4.1 | 2.3 | 0.8 | -- | 1.8 |
| Sporting goods, hobby, book, and music stores | 451 | 2.7 | 1.0 | -- | 0.4 | 1.8 |
| General merchandise stores | 452 | 4.8 | 2.7 | 1.1 | 1.6 | 2.1 |
| Department stores | 4521 | 3.8 | 2.1 | 1.1 | 1.0 | 1.7 |
| Other general merchandise stores | 4529 | 5.4 | 3.0 | 1.0 | 2.0 | 2.4 |
| Miscellaneous store retailers | 453 | 4.3 | 1.8 | 0.8 | 0.9 | -- |
| Nonstore retailers | 454 | 1.4 | 1.0 | 0.5 | 0.5 | 0.4 |
| Transportation and warehousing⁸ | | 4.9 | 3.5 | 1.9 | 1.6 | 1.4 |
| Air transportation | 481 | 9.3 | 7.2 | 4.8 | 2.4 | 2.1 |
| Truck transportation | 484 | 4.3 | 3.0 | 2.0 | 1.0 | 1.3 |
| General freight trucking | 4841 | 4.3 | 2.9 | 2.1 | 0.8 | 1.4 |
| General freight trucking, local | 48411 | 4.3 | 3.6 | 3.4 | -- | 0.7 |
| General freight trucking, long-distance | 48412 | 4.3 | 2.7 | 1.7 | 1.0 | 1.6 |
| Specialized freight trucking | 4842 | 4.5 | 3.3 | 1.8 | 1.5 | 1.2 |
| Specialized freight (except used goods) trucking, local | 48422 | 4.1 | 3.1 | 1.8 | 1.2 | 1.1 |
| Specialized freight (except used goods) trucking, long-distance | 48423 | 1.1 | 0.8 | 0.6 | -- | -- |
| Transit and ground passenger transportation | 485 | 3.1 | 1.8 | 1.4 | 0.4 | 1.3 |
| School and employee bus transportation | 4854 | 3.6 | 1.8 | 1.5 | 0.3 | 1.7 |
| Support activities for transportation | 488 | 2.0 | 1.5 | 1.3 | 0.2 | 0.5 |
| Couriers and messengers | 492 | 6.2 | 4.7 | 2.3 | 2.4 | 1.5 |
| Warehousing and storage | 493 | 6.1 | 4.6 | 1.7 | 2.8 | 1.5 |

See footnotes at end of table.

Table 6. Incidence rates¹ of nonfatal occupational injuries and illnesses by industry and case type, Pennsylvania, 2016

| 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 | |
| Utilities | | 1.4 | 0.8 | 0.5 | 0.3 | 0.6 |
| Utilities | 221 | 1.4 | 0.8 | 0.5 | 0.3 | 0.6 |
| Electric power generation, transmission and distribution | 2211 | 0.7 | 0.3 | 0.1 | 0.2 | 0.4 |
| Electric power generation | 22111 | 0.7 | 0.4 | -- | -- | 0.4 |
| Fossil fuel electric power generation | 221112 | 1.4 | 0.7 | -- | 0.7 | 0.7 |
| Electric power transmission, control, and distribution | 22112 | 0.7 | 0.3 | 0.2 | -- | -- |
| Natural gas distribution | 2212 | 2.2 | 2.2 | 1.1 | 1.1 | -- |
| Water, sewage and other systems | 2213 | 5.6 | 2.4 | 2.4 | -- | 3.2 |
| Information | | 1.6 | 0.7 | 0.5 | 0.3 | 0.9 |
| Information | | 1.6 | 0.7 | 0.5 | 0.3 | 0.9 |
| Publishing industries (except internet) | 511 | 1.1 | 0.4 | 0.3 | 0.1 | 0.8 |
| Newspaper, periodical, book, and directory publishers | 5111 | 1.6 | 0.5 | 0.4 | -- | 1.1 |
| Broadcasting (except internet) | 515 | 1.3 | 0.4 | 0.4 | -- | -- |
| Telecommunications | 517 | 2.7 | 1.6 | 1.0 | 0.6 | 1.1 |
| Other information services | 519 | -- | -- | -- | -- | -- |
| Finance, insurance, and real estate | | 1.4 | 0.8 | 0.8 | (⁹) | 0.6 |
| Finance and insurance | | 0.7 | 0.4 | 0.4 | (⁹) | 0.3 |
| Credit intermediation and related activities | 522 | 0.9 | -- | -- | -- | 0.3 |
| Insurance carriers and related activities | 524 | 0.5 | 0.1 | 0.1 | (⁹) | 0.4 |
| Real estate and rental and leasing | | 4.3 | 2.6 | 2.5 | 0.1 | -- |
| Real estate | 531 | 3.3 | 3.1 | 3.1 | -- | -- |

See footnotes at end of table.

Table 6. Incidence rates¹ of nonfatal occupational injuries and illnesses by industry and case type, Pennsylvania, 2016

| 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 | |
| Lessors of real estate | 5311 | 7.0 | 7.0 | 7.0 | -- | -- |
| Professional and business services | | 1.3 | 0.6 | 0.4 | 0.2 | 0.7 |
| Professional, scientific, and technical services | | 0.8 | 0.2 | 0.1 | 0.1 | 0.7 |
| Professional, scientific, and technical services | 541 | 0.8 | 0.2 | 0.1 | 0.1 | 0.7 |
| Legal services | 5411 | 0.4 | 0.1 | 0.1 | -- | -- |
| Architectural, engineering, and related services | 5413 | 0.5 | 0.2 | 0.1 | 0.1 | 0.4 |
| Testing laboratories | 54138 | 0.8 | 0.6 | -- | 0.5 | 0.3 |
| Computer systems design and related services | 5415 | -- | -- | -- | -- | -- |
| Management, scientific, and technical consulting services | 5416 | 0.5 | 0.2 | -- | -- | 0.3 |
| Scientific research and development services | 5417 | 0.6 | 0.2 | 0.2 | 0.1 | 0.4 |
| Advertising, public relations, and related services | 5418 | 0.5 | 0.2 | -- | 0.1 | 0.3 |
| Other professional, scientific, and technical services | 5419 | 7.5 | 1.0 | 0.4 | 0.6 | 6.4 |
| Veterinary services | 54194 | 15.0 | 2.0 | 0.9 | 1.2 | 13.0 |
| Management of companies and enterprises | | 0.5 | 0.2 | 0.1 | 0.1 | 0.3 |
| Administrative and support and waste management and remediation services | | 2.2 | 1.3 | 0.8 | 0.5 | 0.9 |
| Administrative and support services | 561 | -- | -- | -- | -- | -- |
| Business support services | 5614 | 0.4 | 0.1 | 0.1 | -- | 0.3 |
| Investigation and security services | 5616 | 1.8 | 0.4 | 0.4 | -- | 1.3 |
| Services to buildings and dwellings | 5617 | 3.4 | 2.4 | 1.9 | 0.6 | 1.0 |
| Janitorial services | 56172 | 2.9 | 1.7 | 1.2 | 0.5 | 1.2 |
| Landscaping services | 56173 | 3.8 | 3.3 | -- | 0.7 | 0.5 |
| Waste management and remediation services | 562 | 4.2 | 2.7 | 1.4 | 1.3 | 1.6 |
| Waste collection | 5621 | 3.8 | 2.3 | 1.4 | 0.9 | 1.5 |

See footnotes at end of table.

Table 6. Incidence rates¹ of nonfatal occupational injuries and illnesses by industry and case type, Pennsylvania, 2016

| 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 | |
| Waste collection | 56211 | 3.8 | 2.3 | 1.4 | 0.9 | 1.5 |
| Solid waste collection | 562111 | 4.0 | 2.3 | 1.3 | 1.0 | 1.7 |
| Waste treatment and disposal | 5622 | 8.5 | 5.4 | 2.4 | 3.0 | 3.1 |
| Remediation and other waste management services | 5629 | 2.0 | 1.4 | -- | -- | 0.6 |
| Educational and health services | | 4.7 | 2.2 | 1.0 | 1.1 | 2.5 |
| Educational services | | 2.0 | 0.7 | 0.5 | 0.2 | 1.3 |
| Educational services | 611 | 2.0 | 0.7 | 0.5 | 0.2 | 1.3 |
| Elementary and secondary schools | 6111 | 4.1 | 0.8 | 0.8 | -- | 3.2 |
| Colleges, universities, and professional schools | 6113 | 1.7 | 0.8 | 0.5 | 0.3 | 0.9 |
| Health care and social assistance | | 5.1 | 2.4 | 1.1 | 1.3 | 2.7 |
| Ambulatory health care services | 621 | 3.4 | 1.1 | 0.7 | 0.4 | 2.3 |
| Offices of physicians | 6211 | 2.3 | 0.4 | 0.3 | -- | 1.9 |
| Hospitals | 622 | 5.9 | 2.5 | 1.2 | 1.3 | 3.4 |
| Nursing and residential care facilities | 623 | 8.0 | 5.2 | 1.8 | 3.4 | 2.8 |
| Nursing care facilities (skilled nursing facilities) | 6231 | 7.6 | 5.3 | 1.9 | 3.4 | 2.3 |
| Continuing care retirement communities and assisted living facilities for the elderly | 6233 | 7.1 | 5.1 | 2.0 | 3.1 | 2.0 |
| Social assistance | 624 | 3.4 | 1.3 | 0.9 | 0.4 | 2.0 |
| Vocational rehabilitation services | 6243 | 3.3 | 1.1 | 0.4 | 0.7 | 2.2 |
| Child day care services | 6244 | 1.7 | 0.4 | 0.4 | -- | 1.2 |
| Leisure, entertainment, and hospitality | | 4.3 | 1.7 | 1.0 | 0.7 | 2.6 |
| Arts, entertainment, and recreation | | 6.3 | 4.0 | 1.0 | -- | 2.2 |

See footnotes at end of table.

Table 6. Incidence rates¹ of nonfatal occupational injuries and illnesses by industry and case type, Pennsylvania, 2016

| 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 | |
| Museums, historical sites, and similar institutions | 712 | 4.1 | 1.2 | 0.5 | 0.7 | 2.9 |
| Amusement, gambling, and recreation industries | 713 | 4.1 | 2.1 | 1.2 | 1.0 | 1.9 |
| Amusement parks and arcades | 7131 | 6.6 | 4.5 | 1.6 | 2.8 | 2.1 |
| Gambling industries | 7132 | 2.9 | 1.8 | 0.7 | 1.1 | 1.1 |
| Other amusement and recreation industries | 7139 | 3.9 | 1.6 | 1.3 | 0.4 | 2.3 |
| Accommodation and food services | | 3.9 | 1.3 | 1.0 | 0.3 | 2.6 |
| Accommodation | 721 | 4.4 | 2.0 | 1.2 | 0.8 | 2.4 |
| Food services and drinking places | 722 | 3.9 | 1.2 | 1.0 | 0.2 | 2.7 |
| Restaurants and other eating places | 7225 | 3.7 | 0.9 | 0.8 | 0.1 | 2.8 |
| Other services (except public administration) | | 2.3 | 1.1 | 0.9 | 0.2 | 1.2 |
| Other services (except public administration) | | 2.3 | 1.1 | 0.9 | 0.2 | 1.2 |
| Repair and maintenance | 811 | 3.1 | 1.3 | -- | 0.3 | 1.8 |
| Religious, grantmaking, civic, professional, and similar organizations | 813 | 1.6 | 0.5 | 0.4 | -- | 1.0 |
| State and local government⁵ | | -- | -- | -- | -- | -- |
| State government⁵ | | -- | -- | -- | -- | -- |
| Local government⁵ | | -- | -- | -- | -- | -- |
| Service-providing | | -- | -- | -- | -- | -- |
| Trade, transportation, and utilities⁸ | | 4.7 | 2.3 | 1.1 | 1.2 | -- |
| Utilities | | -- | -- | -- | -- | -- |

See footnotes at end of table.

Table 6. Incidence rates¹ of nonfatal occupational injuries and illnesses by industry and case types, Pennsylvania, 2016

| 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 | |
| Utilities | 221 | -- | -- | -- | -- | -- |
| Water, sewage and other systems | 2213 | 4.1 | 1.3 | 0.7 | 0.7 | -- |

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 *North American Industry Classification System* -- United States, 2012.

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*, 2012 edition) 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.

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.

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, November 08, 2017

Table 7. Numbers of nonfatal occupational injuries and illnesses by industry and case types, Pennsylvania, 2016

(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 | | 150.9 | 80.3 | 45.0 | 35.3 | 70.6 |
| Private industry⁴ | | 138.0 | 72.7 | 40.1 | 32.6 | 65.2 |
| Goods-producing⁴ | | 33.8 | 18.7 | 10.3 | 8.5 | 15.1 |
| Natural resources and mining^{4,5} | | 1.7 | 0.9 | 0.5 | 0.3 | 0.8 |
| Agriculture, forestry, fishing and hunting⁴ | | 1.1 | 0.6 | 0.3 | 0.3 | 0.5 |
| Crop production ⁴ | 111 | 0.8 | 0.5 | 0.3 | 0.2 | 0.3 |
| Greenhouse, nursery, and floriculture production ⁴ | 1114 | 0.6 | 0.3 | 0.2 | 0.2 | 0.2 |
| Food crops grown under cover ⁴ | 11141 | 0.5 | 0.3 | 0.2 | 0.1 | 0.2 |
| Mushroom production ⁴ | 111411 | 0.5 | 0.3 | 0.2 | 0.1 | 0.2 |
| Other food crops grown under cover ⁴ | 111419 | (⁸) | (⁸) | (⁸) | (⁸) | (⁸) |
| Animal production and aquaculture ⁴ | 112 | 0.2 | 0.1 | (⁸) | 0.1 | 0.2 |
| Mining, quarrying, and oil and gas extraction⁵ | | 0.6 | 0.3 | 0.2 | (⁸) | 0.3 |
| Oil and gas extraction | 211 | (⁸) | (⁸) | (⁸) | (⁸) | (⁸) |
| Oil and gas extraction | 2111 | (⁸) | (⁸) | (⁸) | (⁸) | (⁸) |
| Oil and gas extraction | 21111 | (⁸) | (⁸) | (⁸) | (⁸) | (⁸) |
| Crude petroleum and natural gas extraction | 211111 | (⁸) | (⁸) | (⁸) | (⁸) | (⁸) |
| Mining (except oil and gas) ⁶ | 212 | 0.3 | 0.2 | 0.2 | (⁸) | 0.1 |
| Coal mining ⁶ | 2121 | 0.2 | 0.2 | 0.2 | (⁸) | 0.1 |
| Coal mining ⁶ | 21211 | 0.2 | 0.2 | 0.2 | (⁸) | 0.1 |
| Bituminous coal and lignite surface mining ⁶ | 212111 | (⁸) | (⁸) | (⁸) | (⁸) | (⁸) |
| Bituminous coal underground mining ⁶ | 212112 | 0.2 | 0.1 | 0.1 | (⁸) | (⁸) |
| Anthracite mining ⁶ | 212113 | (⁸) | (⁸) | (⁸) | (⁸) | (⁸) |

See footnotes at end of table.

Table 7. Numbers of nonfatal occupational injuries and illnesses by industry and case types, Pennsylvania, 2016

(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 | |
| Nonmetallic mineral mining and quarrying ⁶ | 2123 | 0.1 | 0.1 | (⁸) | (⁸) | (⁸) |
| Support activities for mining | 213 | 0.2 | (⁸) | (⁸) | -- | -- |
| Support activities for mining | 2131 | 0.2 | (⁸) | (⁸) | -- | -- |
| Support activities for mining | 21311 | 0.2 | (⁸) | (⁸) | -- | -- |
| Drilling oil and gas wells | 213111 | (⁸) | (⁸) | (⁸) | (⁸) | (⁸) |
| Support activities for oil and gas operations | 213112 | 0.2 | (⁸) | (⁸) | -- | -- |
| Construction | | 9.6 | 4.8 | 3.7 | 1.1 | 4.8 |
| Construction | | 9.6 | 4.8 | 3.7 | 1.1 | 4.8 |
| Construction of buildings | 236 | 2.6 | 1.3 | 1.1 | 0.2 | 1.3 |
| Nonresidential building construction | 2362 | 1.4 | 0.7 | 0.6 | 0.2 | 0.7 |
| Heavy and civil engineering construction | 237 | 0.9 | 0.4 | 0.3 | 0.2 | 0.5 |
| Utility system construction | 2371 | 0.5 | 0.2 | 0.1 | -- | 0.2 |
| Water and sewer line and related structures construction | 23711 | 0.3 | 0.2 | 0.1 | -- | 0.1 |
| Highway, street, and bridge construction | 2373 | 0.3 | 0.1 | 0.1 | (⁸) | 0.2 |
| Specialty trade contractors | 238 | 6.1 | 3.1 | 2.3 | 0.8 | 3.1 |
| Foundation, structure, and building exterior contractors | 2381 | 1.6 | 0.6 | 0.6 | 0.1 | 1.0 |
| Poured concrete foundation and structure contractors | 23811 | 0.4 | 0.2 | 0.2 | (⁸) | 0.2 |
| Masonry contractors | 23814 | -- | 0.2 | -- | -- | -- |
| Roofing contractors | 23816 | 0.3 | 0.1 | 0.1 | (⁸) | -- |
| Building equipment contractors | 2382 | 2.9 | 1.6 | 1.2 | 0.4 | 1.2 |
| Electrical contractors and other wiring installation contractors | 23821 | 0.8 | 0.5 | 0.4 | 0.1 | 0.3 |
| Plumbing, heating, and air-conditioning contractors | 23822 | 2.1 | 1.1 | 0.8 | 0.3 | 1.0 |
| Building finishing contractors | 2383 | 1.0 | 0.4 | 0.3 | 0.1 | 0.6 |
| Other specialty trade contractors | 2389 | 0.7 | 0.4 | 0.2 | -- | 0.3 |
| Site preparation contractors | 23891 | 0.4 | 0.2 | -- | -- | 0.2 |
| All other specialty trade contractors | 23899 | 0.3 | 0.2 | -- | -- | -- |

See footnotes at end of table.

Table 7. Numbers of nonfatal occupational injuries and illnesses by industry and case types, Pennsylvania, 2016

(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 | |
| Manufacturing | | 22.5 | 13.1 | 6.0 | 7.0 | 9.4 |
| Manufacturing | | 22.5 | 13.1 | 6.0 | 7.0 | 9.4 |
| Food manufacturing | 311 | 3.8 | 2.7 | 0.9 | 1.8 | 1.1 |
| Sugar and confectionery product manufacturing | 3113 | 0.4 | 0.4 | 0.1 | 0.3 | 0.1 |
| Chocolate and confectionery manufacturing | 31135 | 0.4 | 0.3 | 0.1 | 0.3 | 0.1 |
| Fruit and vegetable preserving and specialty food manufacturing | 3114 | 0.6 | 0.3 | 0.1 | 0.2 | 0.3 |
| Dairy product manufacturing | 3115 | 0.4 | 0.3 | 0.1 | 0.2 | 0.1 |
| Animal slaughtering and processing | 3116 | 1.4 | 1.0 | 0.3 | 0.7 | 0.4 |
| Animal slaughtering and processing | 31161 | 1.4 | 1.0 | 0.3 | 0.7 | 0.4 |
| Animal (except poultry) slaughtering | 311611 | 0.5 | 0.3 | 0.1 | 0.3 | 0.2 |
| Meat processed from carcasses | 311612 | 0.3 | 0.2 | 0.1 | 0.1 | 0.1 |
| Poultry processing | 311615 | 0.5 | 0.4 | 0.1 | 0.3 | 0.1 |
| Bakeries and tortilla manufacturing | 3118 | 0.4 | 0.3 | 0.1 | 0.2 | (⁸) |
| Other food manufacturing | 3119 | 0.5 | 0.3 | 0.1 | 0.2 | 0.2 |
| Snack food manufacturing | 31191 | 0.3 | 0.2 | 0.1 | 0.2 | 0.1 |
| Beverage and tobacco product manufacturing | 312 | 0.3 | 0.1 | (⁸) | 0.1 | 0.2 |
| Beverage manufacturing | 3121 | 0.2 | 0.1 | (⁸) | 0.1 | 0.2 |
| Tobacco manufacturing | 3122 | (⁸) | (⁸) | (⁸) | (⁸) | (⁸) |
| Textile mills | 313 | 0.2 | 0.1 | -- | (⁸) | 0.1 |
| Wood product manufacturing | 321 | 1.6 | 1.0 | 0.5 | 0.5 | 0.6 |
| Sawmills and wood preservation | 3211 | 0.2 | 0.1 | 0.1 | (⁸) | 0.1 |
| Veneer, plywood, and engineered wood product manufacturing | 3212 | 0.1 | 0.1 | 0.1 | -- | 0.1 |
| Other wood product manufacturing | 3219 | 1.2 | 0.8 | 0.4 | 0.4 | 0.4 |
| Paper manufacturing | 322 | 0.8 | 0.5 | 0.2 | 0.3 | 0.3 |
| Pulp, paper, and paperboard mills | 3221 | 0.1 | (⁸) | (⁸) | (⁸) | 0.1 |
| Converted paper product manufacturing | 3222 | 0.7 | 0.4 | 0.2 | 0.2 | 0.3 |
| Printing and related support activities | 323 | 0.8 | 0.3 | 0.1 | 0.2 | 0.5 |
| Petroleum and coal products manufacturing | 324 | 0.1 | 0.1 | 0.1 | (⁸) | (⁸) |

See footnotes at end of table.

Table 7. Numbers of nonfatal occupational injuries and illnesses by industry and case types, Pennsylvania, 2016

(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 | |
| Petroleum and coal products manufacturing | 3241 | 0.1 | 0.1 | 0.1 | (⁸) | (⁸) |
| Chemical manufacturing | 325 | 0.7 | 0.4 | 0.2 | 0.2 | 0.3 |
| Basic chemical manufacturing | 3251 | 0.1 | 0.1 | (⁸) | (⁸) | 0.1 |
| Pharmaceutical and medicine manufacturing | 3254 | 0.2 | 0.1 | (⁸) | 0.1 | 0.1 |
| Pharmaceutical and medicine manufacturing | 32541 | 0.2 | 0.1 | (⁸) | 0.1 | 0.1 |
| Pharmaceutical preparation manufacturing | 325412 | 0.1 | 0.1 | (⁸) | 0.1 | (⁸) |
| Plastics and rubber products manufacturing | 326 | 1.6 | 1.0 | 0.5 | 0.6 | 0.6 |
| Plastics product manufacturing | 3261 | 1.4 | 0.9 | 0.4 | 0.5 | 0.5 |
| Rubber product manufacturing | 3262 | 0.2 | 0.1 | (⁸) | 0.1 | 0.1 |
| Nonmetallic mineral product manufacturing | 327 | 0.8 | 0.5 | 0.3 | 0.2 | 0.3 |
| Glass and glass product manufacturing | 3272 | 0.3 | 0.2 | 0.1 | 0.1 | 0.1 |
| Cement and concrete product manufacturing | 3273 | 0.5 | 0.3 | 0.2 | 0.1 | 0.1 |
| Primary metal manufacturing | 331 | 1.4 | 0.8 | 0.4 | 0.4 | 0.6 |
| Iron and steel mills and ferroalloy manufacturing | 3311 | 0.3 | 0.2 | 0.1 | 0.1 | 0.1 |
| Steel product manufacturing from purchased steel | 3312 | 0.4 | 0.2 | 0.1 | 0.1 | 0.1 |
| Rolling and drawing of purchased steel | 33122 | 0.2 | 0.2 | 0.1 | 0.1 | 0.1 |
| Alumina and aluminum production and processing | 3313 | 0.1 | (⁸) | (⁸) | (⁸) | (⁸) |
| Nonferrous metal (except aluminum) production and processing | 3314 | 0.2 | 0.1 | (⁸) | 0.1 | 0.1 |
| Foundries | 3315 | 0.5 | 0.3 | 0.1 | 0.1 | 0.2 |
| Fabricated metal product manufacturing | 332 | 4.2 | 2.0 | 1.0 | 1.0 | 2.2 |
| Forging and stamping | 3321 | 0.6 | 0.3 | 0.2 | 0.1 | 0.3 |
| Forging and stamping | 33211 | 0.6 | 0.3 | 0.2 | 0.1 | 0.3 |
| Powder metallurgy part manufacturing | 332117 | 0.2 | 0.1 | 0.1 | (⁸) | 0.1 |
| Architectural and structural metals manufacturing | 3323 | 1.6 | 0.8 | 0.3 | 0.4 | 0.8 |
| Plate work and fabricated structural product manufacturing | 33231 | 0.8 | 0.3 | 0.2 | -- | 0.5 |
| Ornamental and architectural metal products manufacturing | 33232 | 0.7 | 0.4 | 0.2 | 0.3 | 0.3 |
| Sheet metal work manufacturing | 332322 | 0.2 | 0.1 | 0.1 | -- | 0.1 |
| Boiler, tank, and shipping container manufacturing | 3324 | 0.3 | 0.2 | 0.1 | 0.1 | 0.1 |
| Machine shops; turned product; and screw, nut, and bolt manufacturing | 3327 | 1.0 | 0.3 | 0.2 | 0.1 | 0.7 |

See footnotes at end of table.

Table 7. Numbers of nonfatal occupational injuries and illnesses by industry and case types, Pennsylvania, 2016

(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 | |
| Machine shops | 33271 | 0.9 | 0.3 | 0.1 | 0.1 | -- |
| Turned product and screw, nut, and bolt manufacturing | 33272 | 0.1 | (⁸) | (⁸) | (⁸) | 0.1 |
| Coating, engraving, heat treating, and allied activities | 3328 | 0.2 | 0.1 | -- | (⁸) | 0.1 |
| Machinery manufacturing | 333 | 1.2 | 0.7 | 0.3 | 0.4 | 0.5 |
| Agriculture, construction, and mining machinery manufacturing | 3331 | 0.2 | 0.1 | (⁸) | 0.1 | 0.1 |
| Mining and oil and gas field machinery manufacturing | 33313 | 0.1 | (⁸) | -- | (⁸) | (⁸) |
| Industrial machinery manufacturing | 3332 | 0.1 | 0.1 | 0.1 | -- | (⁸) |
| Ventilation, heating, air-conditioning, and commercial refrigeration equipment manufacturing | 3334 | 0.2 | 0.1 | (⁸) | 0.1 | (⁸) |
| Metalworking machinery manufacturing | 3335 | 0.2 | 0.1 | (⁸) | (⁸) | 0.1 |
| Metalworking machinery manufacturing | 33351 | 0.2 | 0.1 | (⁸) | (⁸) | 0.1 |
| Special die and tool, die set, jig, and fixture manufacturing | 333514 | 0.1 | (⁸) | (⁸) | -- | (⁸) |
| Engine, turbine, and power transmission equipment manufacturing | 3336 | 0.1 | (⁸) | (⁸) | (⁸) | (⁸) |
| Other general purpose machinery manufacturing | 3339 | 0.4 | 0.2 | 0.1 | 0.1 | 0.2 |
| Computer and electronic product manufacturing | 334 | 0.3 | 0.2 | 0.1 | 0.1 | 0.1 |
| Communications equipment manufacturing | 3342 | 0.1 | (⁸) | (⁸) | (⁸) | (⁸) |
| Semiconductor and other electronic component manufacturing | 3344 | 0.1 | 0.1 | (⁸) | 0.1 | (⁸) |
| Navigational, measuring, electromedical, and control instruments manufacturing | 3345 | 0.1 | 0.1 | (⁸) | 0.1 | 0.1 |
| Electrical equipment, appliance, and component manufacturing | 335 | 1.4 | 0.7 | 0.3 | 0.3 | 0.7 |
| Electrical equipment manufacturing | 3353 | 0.6 | 0.3 | 0.2 | 0.1 | -- |
| Transportation equipment manufacturing | 336 | 1.6 | 0.9 | 0.4 | 0.5 | 0.7 |
| Motor vehicle body and trailer manufacturing | 3362 | 0.5 | 0.3 | 0.1 | 0.1 | 0.2 |
| Motor vehicle parts manufacturing | 3363 | 0.4 | 0.2 | 0.1 | 0.2 | 0.2 |
| Aerospace product and parts manufacturing | 3364 | 0.3 | 0.1 | (⁸) | 0.1 | 0.1 |
| Railroad rolling stock manufacturing | 3365 | 0.1 | (⁸) | (⁸) | (⁸) | 0.1 |
| Furniture and related product manufacturing | 337 | 0.7 | 0.5 | 0.2 | 0.3 | 0.2 |
| Household and institutional furniture and kitchen cabinet manufacturing | 3371 | 0.4 | 0.3 | 0.1 | 0.2 | 0.1 |
| Office furniture (including fixtures) manufacturing | 3372 | 0.2 | 0.1 | 0.1 | (⁸) | 0.1 |

See footnotes at end of table.

Table 7. Numbers of nonfatal occupational injuries and illnesses by industry and case types, Pennsylvania, 2016

(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 | |
| Other furniture related product manufacturing | 3379 | (⁸) | (⁸) | (⁸) | (⁸) | (⁸) |
| Miscellaneous manufacturing | 339 | 0.8 | 0.4 | 0.3 | 0.1 | 0.4 |
| Medical equipment and supplies manufacturing | 3391 | 0.3 | 0.2 | 0.1 | 0.1 | 0.1 |
| Other miscellaneous manufacturing | 3399 | 0.5 | 0.2 | 0.2 | 0.1 | 0.3 |
| Service-providing | | 104.1 | 54.0 | 29.8 | 24.2 | 50.1 |
| Trade, transportation, and utilities⁷ | | 33.1 | 21.2 | 11.3 | 9.9 | 11.9 |
| Wholesale trade | | 5.3 | 3.6 | 2.1 | 1.4 | 1.7 |
| Merchant wholesalers, durable goods | 423 | 2.9 | 1.7 | 1.2 | 0.5 | 1.2 |
| Motor vehicle and motor vehicle parts and supplies merchant wholesalers | 4231 | 0.5 | 0.3 | 0.3 | (⁸) | 0.2 |
| Lumber and other construction materials merchant wholesalers | 4233 | 0.3 | 0.2 | 0.1 | 0.1 | 0.1 |
| Household appliances and electrical and electronic goods merchant wholesalers | 4236 | 0.2 | 0.2 | 0.1 | -- | -- |
| Hardware, and plumbing and heating equipment and supplies merchant wholesalers | 4237 | (⁸) | (⁸) | (⁸) | (⁸) | (⁸) |
| Machinery, equipment, and supplies merchant wholesalers | 4238 | 1.0 | 0.6 | 0.4 | 0.2 | 0.4 |
| Industrial machinery and equipment merchant wholesalers | 42383 | 0.4 | 0.3 | 0.2 | 0.1 | 0.2 |
| Miscellaneous durable goods merchant wholesalers | 4239 | 0.3 | 0.2 | 0.1 | -- | 0.2 |
| Recyclable material merchant wholesalers | 42393 | 0.2 | 0.1 | 0.1 | (⁸) | 0.1 |
| Merchant wholesalers, nondurable goods | 424 | 2.1 | 1.7 | 0.7 | 1.0 | 0.5 |
| Grocery and related product merchant wholesalers | 4244 | 1.4 | 1.0 | 0.4 | 0.7 | 0.3 |
| Petroleum and petroleum products merchant wholesalers | 4247 | (⁸) | (⁸) | (⁸) | (⁸) | (⁸) |
| Beer, wine, and distilled alcoholic beverage merchant wholesalers | 4248 | 0.4 | 0.4 | 0.2 | 0.2 | 0.1 |
| Wholesale electronic markets and agents and brokers | 425 | 0.3 | 0.2 | 0.2 | (⁸) | 0.1 |
| Retail trade | | 16.7 | 9.8 | 4.9 | 4.9 | 6.9 |

See footnotes at end of table.

Table 7. Numbers of nonfatal occupational injuries and illnesses by industry and case types, Pennsylvania, 2016

(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 | |
| Motor vehicle and parts dealers | 441 | 2.8 | 1.9 | 1.2 | 0.7 | 0.9 |
| Electronics and appliance stores | 443 | 0.1 | (⁸) | (⁸) | -- | -- |
| Building material and garden equipment and supplies dealers | 444 | 1.9 | 1.2 | 0.5 | 0.7 | 0.7 |
| Building material and supplies dealers | 4441 | 1.7 | 1.1 | 0.5 | 0.6 | 0.6 |
| Food and beverage stores | 445 | 3.7 | 2.3 | 1.2 | 1.1 | 1.4 |
| Health and personal care stores | 446 | -- | 0.2 | -- | 0.2 | -- |
| Gasoline stations | 447 | 1.3 | 0.7 | 0.2 | -- | 0.6 |
| Sporting goods, hobby, book, and music stores | 451 | 0.4 | 0.1 | -- | 0.1 | 0.3 |
| General merchandise stores | 452 | 3.7 | 2.1 | 0.8 | 1.2 | 1.6 |
| Department stores | 4521 | 1.1 | 0.6 | 0.3 | 0.3 | 0.5 |
| Other general merchandise stores | 4529 | 2.6 | 1.4 | 0.5 | 0.9 | 1.1 |
| Miscellaneous store retailers | 453 | 0.9 | 0.4 | 0.2 | 0.2 | -- |
| Nonstore retailers | 454 | 0.4 | 0.3 | 0.1 | 0.1 | 0.1 |
| Transportation and warehousing⁷ | | 10.8 | 7.6 | 4.2 | 3.5 | 3.1 |
| Air transportation | 481 | 0.8 | 0.6 | 0.4 | 0.2 | 0.2 |
| Truck transportation | 484 | 3.0 | 2.1 | 1.4 | 0.7 | 0.9 |
| General freight trucking | 4841 | 2.2 | 1.5 | 1.1 | 0.4 | 0.7 |
| General freight trucking, local | 48411 | 0.6 | 0.5 | 0.5 | -- | 0.1 |
| General freight trucking, long-distance | 48412 | 1.7 | 1.0 | 0.7 | 0.4 | 0.6 |
| Specialized freight trucking | 4842 | 0.8 | 0.6 | 0.3 | 0.3 | 0.2 |
| Specialized freight (except used goods) trucking, local | 48422 | 0.5 | 0.4 | 0.2 | 0.2 | 0.1 |
| Specialized freight (except used goods) trucking, long-distance | 48423 | (⁸) | (⁸) | (⁸) | (⁸) | (⁸) |
| Transit and ground passenger transportation | 485 | 0.6 | 0.4 | 0.3 | 0.1 | 0.2 |
| School and employee bus transportation | 4854 | 0.4 | 0.2 | 0.2 | (⁸) | 0.2 |
| Support activities for transportation | 488 | 0.3 | 0.2 | 0.2 | (⁸) | 0.1 |
| Couriers and messengers | 492 | 1.1 | 0.9 | 0.4 | 0.4 | 0.3 |
| Warehousing and storage | 493 | 4.4 | 3.3 | 1.2 | 2.0 | 1.1 |

See footnotes at end of table.

Table 7. Numbers of nonfatal occupational injuries and illnesses by industry and case types, Pennsylvania, 2016

(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 | |
| Utilities | | 0.3 | 0.2 | 0.1 | 0.1 | 0.1 |
| Utilities | 221 | 0.3 | 0.2 | 0.1 | 0.1 | 0.1 |
| Electric power generation, transmission and distribution | 2211 | 0.1 | 0.1 | (⁸) | (⁸) | 0.1 |
| Electric power generation | 22111 | 0.1 | (⁸) | (⁸) | -- | (⁸) |
| Fossil fuel electric power generation | 221112 | (⁸) | (⁸) | (⁸) | (⁸) | (⁸) |
| Electric power transmission, control, and distribution | 22112 | 0.1 | (⁸) | (⁸) | -- | -- |
| Natural gas distribution | 2212 | 0.1 | 0.1 | (⁸) | (⁸) | (⁸) |
| Water, sewage and other systems | 2213 | 0.1 | 0.1 | (⁸) | (⁸) | 0.1 |
| Information | | 1.2 | 0.5 | 0.4 | 0.2 | 0.6 |
| Information | | 1.2 | 0.5 | 0.4 | 0.2 | 0.6 |
| Publishing industries (except internet) | 511 | 0.2 | 0.1 | 0.1 | (⁸) | 0.1 |
| Newspaper, periodical, book, and directory publishers | 5111 | 0.2 | 0.1 | 0.1 | -- | 0.1 |
| Broadcasting (except internet) | 515 | 0.1 | (⁸) | (⁸) | (⁸) | -- |
| Telecommunications | 517 | 0.7 | 0.4 | 0.3 | 0.2 | 0.3 |
| Other information services | 519 | (⁸) | (⁸) | (⁸) | (⁸) | (⁸) |
| Finance, insurance, and real estate | | 4.1 | 2.3 | 2.2 | 0.1 | 1.8 |
| Finance and insurance | | 1.7 | 0.9 | 0.8 | (⁸) | 0.8 |
| Credit intermediation and related activities | 522 | 0.7 | -- | -- | (⁸) | 0.3 |
| Insurance carriers and related activities | 524 | 0.6 | 0.2 | 0.1 | (⁸) | 0.5 |
| Real estate and rental and leasing | | 2.4 | 1.4 | 1.4 | 0.1 | -- |
| Real estate | 531 | 1.2 | 1.1 | 1.1 | (⁸) | -- |

See footnotes at end of table.

Table 7. Numbers of nonfatal occupational injuries and illnesses by industry and case types, Pennsylvania, 2016

(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 | |
| Lessors of real estate | 5311 | 1.1 | 1.1 | 1.1 | (⁸) | (⁸) |
| Professional and business services | | 8.9 | 4.2 | 2.6 | 1.6 | 4.7 |
| Professional, scientific, and technical services | | 2.6 | 0.6 | 0.3 | 0.3 | 2.1 |
| Professional, scientific, and technical services | 541 | 2.6 | 0.6 | 0.3 | 0.3 | 2.1 |
| Legal services | 5411 | 0.2 | 0.1 | 0.1 | -- | -- |
| Architectural, engineering, and related services | 5413 | 0.3 | 0.1 | (⁸) | 0.1 | 0.2 |
| Testing laboratories | 54138 | 0.1 | 0.1 | (⁸) | (⁸) | (⁸) |
| Computer systems design and related services | 5415 | (⁸) | (⁸) | (⁸) | (⁸) | (⁸) |
| Management, scientific, and technical consulting services | 5416 | 0.2 | 0.1 | -- | -- | 0.1 |
| Scientific research and development services | 5417 | 0.2 | 0.1 | (⁸) | (⁸) | 0.1 |
| Advertising, public relations, and related services | 5418 | 0.1 | (⁸) | (⁸) | (⁸) | 0.1 |
| Other professional, scientific, and technical services | 5419 | 1.5 | 0.2 | 0.1 | 0.1 | 1.3 |
| Veterinary services | 54194 | 1.5 | 0.2 | 0.1 | 0.1 | 1.3 |
| Management of companies and enterprises | | 0.6 | 0.2 | 0.2 | 0.1 | 0.4 |
| Administrative and support and waste management and remediation services | | 5.7 | 3.4 | 2.1 | 1.3 | 2.2 |
| Administrative and support services | 561 | -- | -- | -- | -- | -- |
| Business support services | 5614 | 0.1 | (⁸) | (⁸) | (⁸) | 0.1 |
| Investigation and security services | 5616 | 0.5 | 0.1 | 0.1 | (⁸) | 0.4 |
| Services to buildings and dwellings | 5617 | 2.0 | 1.4 | 1.1 | 0.3 | 0.6 |
| Janitorial services | 56172 | 0.8 | 0.5 | 0.3 | 0.1 | 0.3 |
| Landscaping services | 56173 | 0.9 | 0.7 | -- | 0.2 | 0.1 |
| Waste management and remediation services | 562 | 0.8 | 0.5 | 0.3 | 0.2 | 0.3 |
| Waste collection | 5621 | 0.3 | 0.2 | 0.1 | 0.1 | 0.1 |

See footnotes at end of table.

Table 7. Numbers of nonfatal occupational injuries and illnesses by industry and case types, Pennsylvania, 2016

(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 | |
| Waste collection | 56211 | 0.3 | 0.2 | 0.1 | 0.1 | 0.1 |
| Solid waste collection | 562111 | 0.3 | 0.2 | 0.1 | 0.1 | 0.1 |
| Waste treatment and disposal | 5622 | 0.3 | 0.2 | 0.1 | 0.1 | 0.1 |
| Remediation and other waste management services | 5629 | 0.1 | 0.1 | -- | -- | (⁸) |
| Educational and health services | | 40.4 | 18.9 | 9.0 | 9.9 | 21.5 |
| Educational services | | 2.5 | 0.9 | 0.6 | 0.3 | 1.6 |
| Educational services | 611 | 2.5 | 0.9 | 0.6 | 0.3 | 1.6 |
| Elementary and secondary schools | 6111 | 1.1 | 0.2 | 0.2 | (⁸) | 0.8 |
| Colleges, universities, and professional schools | 6113 | 1.3 | 0.6 | 0.4 | 0.2 | 0.7 |
| Health care and social assistance | | 38.0 | 18.1 | 8.4 | 9.7 | 19.9 |
| Ambulatory health care services | 621 | 8.5 | 2.8 | 1.7 | 1.1 | 5.7 |
| Offices of physicians | 6211 | 2.1 | 0.4 | 0.3 | -- | 1.7 |
| Hospitals | 622 | 12.7 | 5.3 | 2.6 | 2.7 | 7.4 |
| Nursing and residential care facilities | 623 | 12.7 | 8.3 | 2.9 | 5.4 | 4.4 |
| Nursing care facilities (skilled nursing facilities) | 6231 | 4.3 | 3.0 | 1.1 | 2.0 | 1.3 |
| Continuing care retirement communities and assisted living facilities for the elderly | 6233 | 3.6 | 2.5 | 1.0 | 1.6 | 1.0 |
| Social assistance | 624 | 4.0 | 1.6 | 1.1 | 0.4 | 2.5 |
| Vocational rehabilitation services | 6243 | 0.3 | 0.1 | (⁸) | 0.1 | 0.2 |
| Child day care services | 6244 | 0.6 | 0.1 | 0.1 | (⁸) | 0.4 |
| Leisure, entertainment, and hospitality | | 13.3 | 5.3 | 3.2 | 2.1 | 8.0 |
| Arts, entertainment, and recreation | | 2.7 | 1.7 | 0.4 | -- | 0.9 |

See footnotes at end of table.

Table 7. Numbers of nonfatal occupational injuries and illnesses by industry and case types, Pennsylvania, 2016

(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 | |
| Museums, historical sites, and similar institutions | 712 | 0.2 | 0.1 | (⁸) | (⁸) | 0.1 |
| Amusement, gambling, and recreation industries | 713 | 1.2 | 0.6 | 0.3 | 0.3 | 0.6 |
| Amusement parks and arcades | 7131 | 0.3 | 0.2 | 0.1 | 0.1 | 0.1 |
| Gambling industries | 7132 | 0.2 | 0.1 | (⁸) | 0.1 | 0.1 |
| Other amusement and recreation industries | 7139 | 0.7 | 0.3 | 0.2 | 0.1 | 0.4 |
| Accommodation and food services | | 10.6 | 3.6 | 2.8 | 0.8 | 7.1 |
| Accommodation | 721 | 2.0 | 0.9 | 0.5 | 0.4 | 1.1 |
| Food services and drinking places | 722 | 8.7 | 2.7 | 2.3 | 0.4 | 6.0 |
| Restaurants and other eating places | 7225 | 7.1 | 1.7 | 1.5 | 0.2 | 5.4 |
| Other services (except public administration) | | 3.1 | 1.5 | 1.2 | 0.3 | 1.6 |
| Other services (except public administration) | | 3.1 | 1.5 | 1.2 | 0.3 | 1.6 |
| Repair and maintenance | 811 | 1.5 | 0.6 | -- | 0.1 | 0.9 |
| Religious, grantmaking, civic, professional, and similar organizations | 813 | 0.6 | 0.2 | 0.1 | -- | 0.4 |
| State and local government⁴ | | -- | -- | -- | -- | -- |
| State government⁴ | | -- | -- | -- | -- | -- |
| Local government⁴ | | -- | -- | -- | -- | -- |
| Service-providing | | -- | -- | -- | -- | -- |
| Trade, transportation, and utilities⁷ | | 0.9 | 0.4 | 0.2 | 0.2 | -- |
| Utilities | | -- | -- | -- | -- | -- |

See footnotes at end of table.

Table 7. Numbers of nonfatal occupational injuries and illnesses by industry and case types, Pennsylvania, 2016

(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 | |
| Utilities | 221 | -- | -- | -- | -- | -- |
| Water, sewage and other systems | 2213 | 0.4 | 0.1 | 0.1 | 0.1 | -- |

¹ Totals include data for industries not shown separately.

² *North American Industry Classification System* -- United States, 2012

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

⁶ Data for mining operators in this industry are provided to BLS by the Mine Safety and Health Administration, U.S. Department of Labor. Independent mining contractors are excluded. These data do not reflect the changes the Occupational Safety and Health Administration made to its recordkeeping requirements effective January 1, 2002; therefore estimates for these industries are not comparable to estimates in other industries.

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

⁸ Data too small to be displayed.

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, November 08, 2017

Table 8. Incidence rates¹ of nonfatal occupational illnesses by selected industries and category of illness, Pennsylvania, 2016

| 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 | | 13.0 | 2.5 | 0.8 | 0.1 | 1.8 | 7.7 |
| Private industry⁴ | | 13.3 | 2.1 | 0.8 | 0.1 | 2.0 | 8.3 |
| Goods-producing⁴ | | 21.7 | 3.5 | 0.4 | -- | 7.4 | 9.9 |
| Natural resources and mining^{4,6} | | 6.6 | (⁵) | (⁵) | -- | (⁵) | 3.3 |
| Agriculture, forestry, fishing and hunting⁴ | | 8.7 | (⁵) | (⁵) | -- | (⁵) | (⁵) |
| Crop production ⁴ | 111 | 14.7 | (⁵) | (⁵) | -- | (⁵) | (⁵) |
| Animal production and aquaculture ⁴ | 112 | (⁵) | (⁵) | (⁵) | (⁵) | (⁵) | (⁵) |
| Mining, quarrying, and oil and gas extraction⁶ | | (⁵) | (⁵) | (⁵) | (⁵) | (⁵) | (⁵) |
| Oil and gas extraction | 211 | (⁵) | (⁵) | (⁵) | (⁵) | (⁵) | (⁵) |
| Mining (except oil and gas) ⁷ | 212 | (⁵) | (⁵) | (⁵) | (⁵) | (⁵) | (⁵) |
| Support activities for mining | 213 | (⁵) | (⁵) | (⁵) | (⁵) | (⁵) | (⁵) |
| Construction | | 17.3 | -- | (⁵) | -- | -- | 5.4 |
| Construction | | 17.3 | -- | (⁵) | -- | -- | 5.4 |
| Construction of buildings | 236 | -- | (⁵) | (⁵) | (⁵) | (⁵) | -- |
| Heavy and civil engineering construction | 237 | 22.2 | -- | (⁵) | (⁵) | -- | 11.1 |
| Specialty trade contractors | 238 | 20.7 | -- | (⁵) | -- | -- | -- |
| Manufacturing | | 24.8 | 2.0 | 0.5 | (⁵) | 10.1 | 12.3 |

See footnotes at end of table.

Table 8. Incidence rates¹ of nonfatal occupational illnesses by selected industries and category of illness, Pennsylvania, 2016

| 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 |
| Manufacturing | | 24.8 | 2.0 | 0.5 | (⁵) | 10.1 | 12.3 |
| Food manufacturing | 311 | 64.3 | (⁵) | (⁵) | (⁵) | 24.5 | 37.1 |
| Beverage and tobacco product manufacturing | 312 | -- | (⁵) | (⁵) | (⁵) | -- | -- |
| Textile mills | 313 | (⁵) | (⁵) | (⁵) | (⁵) | (⁵) | (⁵) |
| Wood product manufacturing | 321 | 8.4 | (⁵) | (⁵) | (⁵) | 7.8 | (⁵) |
| Paper manufacturing | 322 | 12.9 | (⁵) | -- | (⁵) | 6.9 | (⁵) |
| Printing and related support activities | 323 | 28.1 | (⁵) | (⁵) | (⁵) | 17.5 | 10.7 |
| Petroleum and coal products manufacturing | 324 | (⁵) | (⁵) | (⁵) | (⁵) | (⁵) | (⁵) |
| Chemical manufacturing | 325 | 13.8 | (⁵) | -- | (⁵) | -- | (⁵) |
| Plastics and rubber products manufacturing | 326 | 13.0 | (⁵) | (⁵) | (⁵) | 11.4 | (⁵) |
| Nonmetallic mineral product manufacturing | 327 | 16.1 | -- | (⁵) | (⁵) | (⁵) | (⁵) |
| Primary metal manufacturing | 331 | 16.4 | -- | (⁵) | (⁵) | 6.8 | 7.4 |
| Fabricated metal product manufacturing | 332 | 20.5 | 3.0 | (⁵) | (⁵) | 11.4 | 6.1 |
| Machinery manufacturing | 333 | 12.0 | (⁵) | (⁵) | (⁵) | -- | 6.1 |
| Computer and electronic product manufacturing | 334 | 15.3 | -- | -- | (⁵) | -- | -- |
| Electrical equipment, appliance, and component manufacturing | 335 | 22.4 | -- | -- | (⁵) | -- | 19.4 |
| Transportation equipment manufacturing | 336 | 32.8 | 5.3 | (⁵) | (⁵) | 8.3 | 18.9 |
| Furniture and related product manufacturing | 337 | 47.1 | 9.5 | (⁵) | (⁵) | 14.1 | 23.6 |
| Miscellaneous manufacturing | 339 | 31.1 | -- | (⁵) | (⁵) | -- | 20.9 |
| Service-providing | | 11.2 | 1.7 | 1.0 | (⁵) | 0.6 | 7.9 |
| Trade, transportation, and utilities⁸ | | 10.9 | 1.5 | 0.7 | (⁵) | 1.3 | 7.5 |
| Wholesale trade | | 12.6 | (⁵) | (⁵) | (⁵) | (⁵) | 12.1 |
| Merchant wholesalers, durable goods | 423 | 9.5 | (⁵) | (⁵) | (⁵) | (⁵) | 9.1 |
| Merchant wholesalers, nondurable goods | 424 | 7.6 | (⁵) | (⁵) | (⁵) | (⁵) | -- |
| Wholesale electronic markets and agents and brokers | 425 | -- | (⁵) | (⁵) | (⁵) | (⁵) | -- |

See footnotes at end of table.

Table 8. Incidence rates¹ of nonfatal occupational illnesses by selected industries and category of illness, Pennsylvania, 2016

| 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 |
| Retail trade | | 9.3 | 2.6 | 1.0 | (⁵) | (⁵) | 5.7 |
| Motor vehicle and parts dealers | 441 | -- | (⁵) | -- | (⁵) | (⁵) | -- |
| Electronics and appliance stores | 443 | (⁵) | (⁵) | (⁵) | (⁵) | (⁵) | (⁵) |
| Building material and garden equipment and supplies dealers | 444 | (⁵) | (⁵) | (⁵) | (⁵) | (⁵) | (⁵) |
| Food and beverage stores | 445 | -- | -- | (⁵) | (⁵) | (⁵) | (⁵) |
| Health and personal care stores | 446 | (⁵) | (⁵) | (⁵) | (⁵) | (⁵) | (⁵) |
| Gasoline stations | 447 | -- | (⁵) | (⁵) | (⁵) | (⁵) | -- |
| Sporting goods, hobby, book, and music stores | 451 | (⁵) | (⁵) | (⁵) | (⁵) | (⁵) | (⁵) |
| General merchandise stores | 452 | 30.0 | (⁵) | 2.1 | (⁵) | (⁵) | -- |
| Miscellaneous store retailers | 453 | -- | -- | (⁵) | (⁵) | (⁵) | (⁵) |
| Nonstore retailers | 454 | -- | (⁵) | -- | (⁵) | (⁵) | (⁵) |
| Transportation and warehousing⁸ | | 13.9 | (⁵) | 0.8 | (⁵) | 5.2 | 7.5 |
| Air transportation | 481 | 54.0 | (⁵) | (⁵) | (⁵) | 33.8 | (⁵) |
| Truck transportation | 484 | 2.7 | (⁵) | (⁵) | (⁵) | (⁵) | 2.7 |
| Transit and ground passenger transportation | 485 | -- | (⁵) | -- | (⁵) | (⁵) | (⁵) |
| Support activities for transportation | 488 | (⁵) | (⁵) | (⁵) | (⁵) | (⁵) | (⁵) |
| Couriers and messengers | 492 | 37.3 | (⁵) | (⁵) | (⁵) | (⁵) | 35.7 |
| Warehousing and storage | 493 | 9.2 | (⁵) | (⁵) | (⁵) | (⁵) | 8.1 |
| Utilities | | (⁵) | (⁵) | (⁵) | (⁵) | (⁵) | (⁵) |
| Utilities | 221 | (⁵) | (⁵) | (⁵) | (⁵) | (⁵) | (⁵) |
| Information | | -- | -- | (⁵) | (⁵) | -- | (⁵) |
| Information | | -- | -- | (⁵) | (⁵) | -- | (⁵) |

See footnotes at end of table.

Table 8. Incidence rates¹ of nonfatal occupational illnesses by selected industries and category of illness, Pennsylvania, 2016

| 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 |
| Publishing industries (except internet) | 511 | -- | -- | (⁵) | (⁵) | -- | (⁵) |
| Broadcasting (except internet) | 515 | (⁵) | (⁵) | (⁵) | (⁵) | (⁵) | (⁵) |
| Telecommunications | 517 | (⁵) | (⁵) | (⁵) | (⁵) | (⁵) | (⁵) |
| Other information services | 519 | (⁵) | (⁵) | (⁵) | (⁵) | (⁵) | (⁵) |
| Finance, insurance, and real estate | | 3.3 | -- | -- | (⁵) | (⁵) | 1.6 |
| Finance and insurance | | 3.5 | -- | -- | (⁵) | (⁵) | 2.0 |
| Credit intermediation and related activities | 522 | -- | (⁵) | -- | (⁵) | (⁵) | (⁵) |
| Insurance carriers and related activities | 524 | 4.3 | -- | (⁵) | (⁵) | (⁵) | 4.0 |
| Real estate and rental and leasing | | -- | -- | (⁵) | (⁵) | (⁵) | (⁵) |
| Real estate | 531 | -- | -- | (⁵) | (⁵) | (⁵) | (⁵) |
| Professional and business services | | 6.4 | 0.7 | 0.3 | (⁵) | -- | 4.4 |
| Professional, scientific, and technical services | | 4.5 | (⁵) | -- | (⁵) | (⁵) | 4.2 |
| Professional, scientific, and technical services | 541 | 4.5 | (⁵) | -- | (⁵) | (⁵) | 4.2 |
| Management of companies and enterprises | | 2.5 | (⁵) | -- | (⁵) | (⁵) | -- |
| Administrative and support and waste management and remediation services | | 10.5 | 1.6 | (⁵) | (⁵) | -- | 6.0 |
| Waste management and remediation services | 562 | -- | -- | (⁵) | (⁵) | (⁵) | (⁵) |

See footnotes at end of table.

Table 8. Incidence rates¹ of nonfatal occupational illnesses by selected industries and category of illness, Pennsylvania, 2016

| 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 |
| Educational and health services | | 18.9 | 2.8 | 1.8 | (⁵) | (⁵) | 14.2 |
| Educational services | | 11.5 | (⁵) | -- | (⁵) | (⁵) | 5.9 |
| Educational services | 611 | 11.5 | (⁵) | -- | (⁵) | (⁵) | 5.9 |
| Health care and social assistance | | 20.2 | 3.1 | 1.5 | (⁵) | (⁵) | 15.6 |
| Ambulatory health care services | 621 | 13.0 | 0.9 | (⁵) | (⁵) | (⁵) | 11.6 |
| Hospitals | 622 | 23.1 | 3.4 | 2.8 | (⁵) | (⁵) | 16.9 |
| Nursing and residential care facilities | 623 | 25.6 | 5.2 | (⁵) | (⁵) | (⁵) | 19.5 |
| Social assistance | 624 | 22.8 | 4.5 | 1.8 | (⁵) | (⁵) | 16.5 |
| Leisure, entertainment, and hospitality | | 13.5 | 3.7 | 1.2 | (⁵) | (⁵) | 8.6 |
| Arts, entertainment, and recreation | | 22.0 | 6.0 | (⁵) | (⁵) | (⁵) | 15.4 |
| Museums, historical sites, and similar institutions | 712 | (⁵) | (⁵) | (⁵) | (⁵) | (⁵) | (⁵) |
| Amusement, gambling, and recreation industries | 713 | 24.4 | 7.7 | (⁵) | (⁵) | (⁵) | 15.8 |
| Accommodation and food services | | 12.2 | 3.3 | 1.4 | (⁵) | (⁵) | 7.5 |
| Accommodation | 721 | 21.9 | 5.0 | -- | (⁵) | (⁵) | 14.5 |
| Food services and drinking places | 722 | 10.3 | -- | 1.2 | (⁵) | (⁵) | 6.2 |
| Other services (except public administration) | | 5.7 | -- | (⁵) | (⁵) | -- | 4.0 |
| Other services (except public administration) | | 5.7 | -- | (⁵) | (⁵) | -- | 4.0 |
| Repair and maintenance | 811 | -- | (⁵) | (⁵) | (⁵) | -- | (⁵) |

See footnotes at end of table.

Table 8. Incidence rates¹ of nonfatal occupational illnesses by selected industries and category of illness, Pennsylvania, 2016

| 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 |
| Religious, grantmaking, civic, professional, and similar organizations | 813 | 6.9 | (⁵) | (⁵) | (⁵) | (⁵) | 6.9 |
| State and local government⁴ | | -- | -- | -- | -- | -- | -- |
| State government⁴ | | -- | -- | -- | -- | -- | -- |
| Local government⁴ | | -- | -- | -- | -- | -- | -- |
| Service-providing | | -- | -- | -- | -- | -- | -- |
| Trade, transportation, and utilities⁸ | | -- | -- | (⁵) | (⁵) | (⁵) | -- |
| Utilities | | -- | -- | -- | -- | -- | -- |

Table 8. Incidence rates¹ of nonfatal occupational illnesses by selected industries and category of illness, Pennsylvania, 2016

| Industry ² | NAICS code ³ | Incidence rates per 10,000 full-time workers ¹ | | | | | All other illnesses |
|-----------------------|-------------------------|---|----------------|------------------------|------------|--------------|---------------------|
| | | Total cases | Skin disorders | Respiratory conditions | Poisonings | Hearing loss | |

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 *North American Industry Classification System* -- United States, 2012.

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*, 2012 edition) 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. □

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.

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, November 08, 2017

Table 9. Numbers of nonfatal occupational illnesses by selected industries and category of illness, Pennsylvania, 2016

(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 | | 5.9 | 1.2 | 0.4 | 0.1 | 0.8 | 3.5 |
| Private industry³ | | 5.5 | 0.9 | 0.3 | 0.1 | 0.8 | 3.4 |
| Goods-producing³ | | 1.8 | 0.3 | (⁴) | -- | 0.6 | 0.8 |
| Natural resources and mining^{3,5} | | (⁴) | (⁴) | (⁴) | -- | (⁴) | (⁴) |
| Agriculture, forestry, fishing and hunting³ | | (⁴) | (⁴) | (⁴) | -- | (⁴) | (⁴) |
| Crop production ³ | 111 | (⁴) | (⁴) | (⁴) | -- | (⁴) | (⁴) |
| Animal production and aquaculture ³ | 112 | (⁴) | (⁴) | (⁴) | (⁴) | (⁴) | (⁴) |
| Mining, quarrying, and oil and gas extraction⁵ | | (⁴) | (⁴) | (⁴) | (⁴) | (⁴) | (⁴) |
| Oil and gas extraction | 211 | (⁴) | (⁴) | (⁴) | (⁴) | (⁴) | (⁴) |
| Mining (except oil and gas) ⁶ | 212 | (⁴) | (⁴) | (⁴) | (⁴) | (⁴) | (⁴) |
| Support activities for mining | 213 | (⁴) | (⁴) | (⁴) | (⁴) | (⁴) | (⁴) |
| Construction | | 0.4 | -- | (⁴) | -- | -- | 0.1 |
| Construction | | 0.4 | -- | (⁴) | -- | -- | 0.1 |
| Construction of buildings | 236 | -- | (⁴) | (⁴) | (⁴) | (⁴) | -- |
| Heavy and civil engineering construction | 237 | 0.1 | -- | (⁴) | (⁴) | -- | (⁴) |
| Specialty trade contractors | 238 | 0.3 | -- | (⁴) | -- | -- | -- |
| Manufacturing | | 1.4 | 0.1 | (⁴) | (⁴) | 0.6 | 0.7 |

See footnotes at end of table.

Table 9. Numbers of nonfatal occupational illnesses by selected industries and category of illness, Pennsylvania, 2016

(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 |
| Manufacturing | | 1.4 | 0.1 | (⁴) | (⁴) | 0.6 | 0.7 |
| Food manufacturing | 311 | 0.4 | (⁴) | (⁴) | (⁴) | 0.2 | 0.3 |
| Beverage and tobacco product manufacturing | 312 | -- | (⁴) | (⁴) | (⁴) | -- | -- |
| Textile mills | 313 | (⁴) | (⁴) | (⁴) | (⁴) | (⁴) | (⁴) |
| Wood product manufacturing | 321 | (⁴) | (⁴) | (⁴) | (⁴) | (⁴) | (⁴) |
| Paper manufacturing | 322 | (⁴) | (⁴) | -- | (⁴) | (⁴) | (⁴) |
| Printing and related support activities | 323 | 0.1 | (⁴) | (⁴) | (⁴) | (⁴) | (⁴) |
| Petroleum and coal products manufacturing | 324 | (⁴) | (⁴) | (⁴) | (⁴) | (⁴) | (⁴) |
| Chemical manufacturing | 325 | 0.1 | (⁴) | -- | (⁴) | -- | (⁴) |
| Plastics and rubber products manufacturing | 326 | 0.1 | (⁴) | (⁴) | (⁴) | (⁴) | (⁴) |
| Nonmetallic mineral product manufacturing | 327 | (⁴) | -- | (⁴) | (⁴) | (⁴) | (⁴) |
| Primary metal manufacturing | 331 | 0.1 | -- | (⁴) | (⁴) | (⁴) | (⁴) |
| Fabricated metal product manufacturing | 332 | 0.2 | (⁴) | (⁴) | (⁴) | 0.1 | (⁴) |
| Machinery manufacturing | 333 | 0.1 | (⁴) | (⁴) | (⁴) | -- | (⁴) |
| Computer and electronic product manufacturing | 334 | (⁴) | -- | -- | (⁴) | -- | -- |
| Electrical equipment, appliance, and component manufacturing | 335 | 0.1 | -- | -- | (⁴) | -- | 0.1 |
| Transportation equipment manufacturing | 336 | 0.1 | (⁴) | (⁴) | (⁴) | (⁴) | 0.1 |
| Furniture and related product manufacturing | 337 | 0.1 | (⁴) | (⁴) | (⁴) | (⁴) | (⁴) |
| Miscellaneous manufacturing | 339 | 0.1 | -- | (⁴) | (⁴) | -- | 0.1 |
| Service-providing | | 3.7 | 0.6 | 0.3 | (⁴) | 0.2 | 2.6 |
| Trade, transportation, and utilities⁷ | | 1.0 | 0.1 | 0.1 | (⁴) | 0.1 | 0.7 |
| Wholesale trade | | 0.3 | (⁴) | (⁴) | (⁴) | (⁴) | 0.3 |
| Merchant wholesalers, durable goods | 423 | 0.1 | (⁴) | (⁴) | (⁴) | (⁴) | 0.1 |
| Merchant wholesalers, nondurable goods | 424 | (⁴) | (⁴) | (⁴) | (⁴) | (⁴) | -- |
| Wholesale electronic markets and agents and brokers | 425 | -- | (⁴) | (⁴) | (⁴) | (⁴) | -- |

See footnotes at end of table.

Table 9. Numbers of nonfatal occupational illnesses by selected industries and category of illness, Pennsylvania, 2016

(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 |
| Retail trade | | 0.4 | 0.1 | (⁴) | (⁴) | (⁴) | 0.3 |
| Motor vehicle and parts dealers | 441 | -- | (⁴) | -- | (⁴) | (⁴) | -- |
| Electronics and appliance stores | 443 | (⁴) | (⁴) | (⁴) | (⁴) | (⁴) | (⁴) |
| Building material and garden equipment and supplies dealers | 444 | (⁴) | (⁴) | (⁴) | (⁴) | (⁴) | (⁴) |
| Food and beverage stores | 445 | -- | -- | (⁴) | (⁴) | (⁴) | (⁴) |
| Health and personal care stores | 446 | (⁴) | (⁴) | (⁴) | (⁴) | (⁴) | (⁴) |
| Gasoline stations | 447 | -- | (⁴) | (⁴) | (⁴) | (⁴) | -- |
| Sporting goods, hobby, book, and music stores | 451 | (⁴) | (⁴) | (⁴) | (⁴) | (⁴) | (⁴) |
| General merchandise stores | 452 | 0.2 | (⁴) | (⁴) | (⁴) | (⁴) | -- |
| Miscellaneous store retailers | 453 | -- | -- | (⁴) | (⁴) | (⁴) | (⁴) |
| Nonstore retailers | 454 | -- | (⁴) | -- | (⁴) | (⁴) | (⁴) |
| Transportation and warehousing⁷ | | 0.3 | (⁴) | (⁴) | (⁴) | 0.1 | 0.2 |
| Air transportation | 481 | (⁴) | (⁴) | (⁴) | (⁴) | (⁴) | (⁴) |
| Truck transportation | 484 | (⁴) | (⁴) | (⁴) | (⁴) | (⁴) | (⁴) |
| Transit and ground passenger transportation | 485 | -- | (⁴) | -- | (⁴) | (⁴) | (⁴) |
| Support activities for transportation | 488 | (⁴) | (⁴) | (⁴) | (⁴) | (⁴) | (⁴) |
| Couriers and messengers | 492 | 0.1 | (⁴) | (⁴) | (⁴) | (⁴) | 0.1 |
| Warehousing and storage | 493 | 0.1 | (⁴) | (⁴) | (⁴) | (⁴) | 0.1 |
| Utilities | | (⁴) | (⁴) | (⁴) | (⁴) | (⁴) | (⁴) |
| Utilities | 221 | (⁴) | (⁴) | (⁴) | (⁴) | (⁴) | (⁴) |
| Information | | -- | -- | (⁴) | (⁴) | -- | (⁴) |
| Information | | -- | -- | (⁴) | (⁴) | -- | (⁴) |

See footnotes at end of table.

Table 9. Numbers of nonfatal occupational illnesses by selected industries and category of illness, Pennsylvania, 2016

(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 |
| Publishing industries (except internet) | 511 | -- | -- | (⁴) | (⁴) | -- | (⁴) |
| Broadcasting (except internet) | 515 | (⁴) | (⁴) | (⁴) | (⁴) | (⁴) | (⁴) |
| Telecommunications | 517 | (⁴) | (⁴) | (⁴) | (⁴) | (⁴) | (⁴) |
| Other information services | 519 | (⁴) | (⁴) | (⁴) | (⁴) | (⁴) | (⁴) |
| Finance, insurance, and real estate | | 0.1 | -- | -- | (⁴) | (⁴) | (⁴) |
| Finance and insurance | | 0.1 | -- | -- | (⁴) | (⁴) | (⁴) |
| Credit intermediation and related activities | 522 | -- | (⁴) | -- | (⁴) | (⁴) | (⁴) |
| Insurance carriers and related activities | 524 | (⁴) | -- | (⁴) | (⁴) | (⁴) | (⁴) |
| Real estate and rental and leasing | | -- | -- | (⁴) | (⁴) | (⁴) | (⁴) |
| Real estate | 531 | -- | -- | (⁴) | (⁴) | (⁴) | (⁴) |
| Professional and business services | | 0.4 | (⁴) | (⁴) | (⁴) | -- | 0.3 |
| Professional, scientific, and technical services | | 0.1 | (⁴) | -- | (⁴) | (⁴) | 0.1 |
| Professional, scientific, and technical services | 541 | 0.1 | (⁴) | -- | (⁴) | (⁴) | 0.1 |
| Management of companies and enterprises | | (⁴) | (⁴) | -- | (⁴) | (⁴) | -- |
| Administrative and support and waste management and remediation services | | 0.3 | (⁴) | (⁴) | (⁴) | -- | 0.2 |
| Waste management and remediation services | 562 | -- | -- | (⁴) | (⁴) | (⁴) | (⁴) |

See footnotes at end of table.

Table 9. Numbers of nonfatal occupational illnesses by selected industries and category of illness, Pennsylvania, 2016

(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 |
| Educational and health services | | 1.6 | 0.2 | 0.2 | (⁴) | (⁴) | 1.2 |
| Educational services | | 0.1 | (⁴) | -- | (⁴) | (⁴) | 0.1 |
| Educational services | 611 | 0.1 | (⁴) | -- | (⁴) | (⁴) | 0.1 |
| Health care and social assistance | | 1.5 | 0.2 | 0.1 | (⁴) | (⁴) | 1.2 |
| Ambulatory health care services | 621 | 0.3 | (⁴) | (⁴) | (⁴) | (⁴) | 0.3 |
| Hospitals | 622 | 0.5 | 0.1 | 0.1 | (⁴) | (⁴) | 0.4 |
| Nursing and residential care facilities | 623 | 0.4 | 0.1 | (⁴) | (⁴) | (⁴) | 0.3 |
| Social assistance | 624 | 0.3 | 0.1 | (⁴) | (⁴) | (⁴) | 0.2 |
| Leisure, entertainment, and hospitality | | 0.4 | 0.1 | (⁴) | (⁴) | (⁴) | 0.3 |
| Arts, entertainment, and recreation | | 0.1 | (⁴) | (⁴) | (⁴) | (⁴) | 0.1 |
| Museums, historical sites, and similar institutions | 712 | (⁴) | (⁴) | (⁴) | (⁴) | (⁴) | (⁴) |
| Amusement, gambling, and recreation industries | 713 | 0.1 | (⁴) | (⁴) | (⁴) | (⁴) | (⁴) |
| Accommodation and food services | | 0.3 | 0.1 | (⁴) | (⁴) | (⁴) | 0.2 |
| Accommodation | 721 | 0.1 | (⁴) | -- | (⁴) | (⁴) | 0.1 |
| Food services and drinking places | 722 | 0.2 | -- | (⁴) | (⁴) | (⁴) | 0.1 |
| Other services (except public administration) | | 0.1 | -- | (⁴) | (⁴) | -- | 0.1 |
| Other services (except public administration) | | 0.1 | -- | (⁴) | (⁴) | -- | 0.1 |
| Repair and maintenance | 811 | -- | (⁴) | (⁴) | (⁴) | -- | (⁴) |

See footnotes at end of table.

Table 9. Numbers of nonfatal occupational illnesses by selected industries and category of illness, Pennsylvania, 2016

(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 |
| Religious, grantmaking, civic, professional, and similar organizations | 813 | (⁴) | (⁴) | (⁴) | (⁴) | (⁴) | (⁴) |
| State and local government³ | | -- | -- | -- | -- | -- | -- |
| State government³ | | -- | -- | -- | -- | -- | -- |
| Local government³ | | -- | -- | -- | -- | -- | -- |
| Service-providing | | -- | -- | -- | -- | -- | -- |
| Trade, transportation, and utilities⁷ | | -- | -- | (⁴) | (⁴) | (⁴) | -- |
| Utilities | | -- | -- | -- | -- | -- | -- |

Table 9. Numbers of nonfatal occupational illnesses by selected industries and category of illness, Pennsylvania, 2016

(In thousands)

| Industry ¹ | NAICS code ² | Numbers of illnesses by category | | | | |
|-----------------------|-------------------------|----------------------------------|----------------------------|------------------------|------------|--------------|
| | | Total cases | Skin diseases or disorders | Respiratory conditions | Poisonings | Hearing loss |

¹ Totals include data for industries not shown separately.

² *North American Industry Classification System* -- United States, 2012.

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

⁶ Data for mining operators in this industry are provided to BLS by the Mine Safety and Health Administration, U.S. Department of Labor. Independent mining contractors are excluded. These data do not reflect the changes the Occupational Safety and Health Administration made to its recordkeeping requirements effective January 1, 2002; therefore estimates for these industries are not comparable to estimates in other industries.

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

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, November 08, 2017

Table 10. Incidence rate¹ and number of nonfatal occupational injuries by industry, Pennsylvania, 2016

| Industry ² | NAICS code ³ | Incidence rate ¹ | Number of cases (thousands) | Percent relative standard errors | |
|--|-------------------------|-----------------------------|-----------------------------|----------------------------------|-------------------|
| | | | | Incidence rates | Numbers |
| All industries including state and local government⁴ | | 3.2 | 145.0 | 2.7 | 2.4 |
| Private industry⁴ | | 3.2 | 132.5 | 2.3 | 2.2 |
| Goods-producing⁴ | | 3.9 | 32.0 | 4.1 | 4.0 |
| Natural resources and mining^{4,5} | | 3.3 | 1.7 | 12.5 | 12.0 |
| Agriculture, forestry, fishing and hunting⁴ | | 4.9 | 1.1 | 15.6 | 14.0 |
| Crop production ⁴ | 111 | 6.0 | 0.8 | 17.6 | 18.0 |
| Greenhouse, nursery, and floriculture production ⁴ | 1114 | 5.6 | 0.6 | 19.5 | 20.8 |
| Food crops grown under cover ⁴ | 11141 | 5.8 | 0.5 | 20.8 | 21.4 |
| Mushroom production ⁴ | 111411 | 5.9 | 0.5 | 21.0 | 21.4 |
| Other food crops grown under cover ⁴ | 111419 | -- | (⁸) | (¹⁰) | (¹⁰) |
| Animal production and aquaculture ⁴ | 112 | 4.1 | 0.2 | 33.5 | 24.7 |
| Mining, quarrying, and oil and gas extraction⁵ | | 2.0 | 0.6 | 22.1 | 22.5 |
| Oil and gas extraction | 211 | 0.3 | (⁸) | 41.3 | 39.6 |
| Oil and gas extraction | 2111 | 0.3 | (⁸) | 41.3 | 39.6 |
| Oil and gas extraction | 21111 | 0.3 | (⁸) | 41.3 | 39.6 |
| Crude petroleum and natural gas extraction | 211111 | -- | (⁸) | 54.6 | 56.2 |
| Mining (except oil and gas) ⁶ | 212 | 3.2 | 0.3 | (⁹) | (⁹) |
| Coal mining ⁶ | 2121 | 4.0 | 0.2 | (⁹) | (⁹) |
| Coal mining ⁶ | 21211 | 4.0 | 0.2 | (⁹) | (⁹) |
| Bituminous coal and lignite surface mining ⁶ | 212111 | -- | (⁸) | (⁹) | (⁹) |
| Bituminous coal underground mining ⁶ | 212112 | 4.5 | 0.2 | (⁹) | (⁹) |
| Anthracite mining ⁶ | 212113 | 4.4 | (⁸) | (⁹) | (⁹) |
| Nonmetallic mineral mining and quarrying ⁶ | 2123 | 2.3 | 0.1 | (⁹) | (⁹) |
| Support activities for mining | 213 | 1.7 | 0.2 | 57.3 | 58.5 |

See footnotes at end of table.

Table 10. Incidence rate¹ and number of nonfatal occupational injuries by industry, Pennsylvania, 2016

| Industry ² | NAICS code ³ | Incidence rate ¹ | Number of cases (thousands) | Percent relative standard errors | |
|--|-------------------------|-----------------------------|-----------------------------|----------------------------------|---------|
| | | | | Incidence rates | Numbers |
| Support activities for mining | 2131 | 1.7 | 0.2 | 57.3 | 58.5 |
| Support activities for mining | 21311 | 1.7 | 0.2 | 57.3 | 58.5 |
| Drilling oil and gas wells | 213111 | -- | (⁸) | 52.4 | 58.0 |
| Support activities for oil and gas operations | 213112 | 1.9 | 0.2 | 57.7 | 59.4 |
| Construction | | 4.2 | 9.2 | 10.3 | 10.2 |
| Construction | | 4.2 | 9.2 | 10.3 | 10.2 |
| Construction of buildings | 236 | 4.9 | 2.5 | 20.0 | 21.1 |
| Nonresidential building construction | 2362 | 5.0 | 1.4 | 18.1 | 18.6 |
| Heavy and civil engineering construction | 237 | 2.4 | 0.8 | 17.6 | 16.5 |
| Utility system construction | 2371 | 2.2 | 0.4 | 27.8 | 22.7 |
| Water and sewer line and related structures construction | 23711 | 4.4 | 0.3 | 30.6 | 30.5 |
| Highway, street, and bridge construction | 2373 | 2.5 | 0.3 | 17.7 | 19.5 |
| Specialty trade contractors | 238 | 4.4 | 5.9 | 13.2 | 13.1 |
| Foundation, structure, and building exterior contractors | 2381 | 6.4 | 1.5 | 27.9 | 26.8 |
| Poured concrete foundation and structure contractors | 23811 | 5.3 | 0.3 | 37.4 | 42.3 |
| Roofing contractors | 23816 | 5.5 | 0.3 | 49.5 | 52.9 |
| Building equipment contractors | 2382 | 4.3 | 2.8 | 16.7 | 17.0 |
| Electrical contractors and other wiring installation contractors | 23821 | 2.7 | 0.7 | 24.6 | 26.4 |
| Plumbing, heating, and air-conditioning contractors | 23822 | 6.0 | 2.0 | 20.4 | 21.1 |
| Building finishing contractors | 2383 | 4.8 | 1.0 | 41.8 | 42.0 |
| Other specialty trade contractors | 2389 | 2.4 | 0.6 | 29.8 | 30.2 |
| Site preparation contractors | 23891 | 2.4 | 0.4 | 37.1 | 36.5 |
| All other specialty trade contractors | 23899 | 2.4 | 0.3 | 49.5 | 51.8 |
| Manufacturing | | 3.8 | 21.1 | 4.2 | 4.0 |
| Manufacturing | | 3.8 | 21.1 | 4.2 | 4.0 |
| Food manufacturing | 311 | 4.8 | 3.3 | 6.9 | 6.1 |

See footnotes at end of table.

Table 10. Incidence rate¹ and number of nonfatal occupational injuries by industry, Pennsylvania, 2016

| Industry ² | NAICS code ³ | Incidence rate ¹ | Number of cases (thousands) | Percent relative standard errors | |
|---|-------------------------|-----------------------------|-----------------------------|----------------------------------|---------|
| | | | | Incidence rates | Numbers |
| Sugar and confectionery product manufacturing | 3113 | 4.7 | 0.4 | 12.7 | 10.4 |
| Chocolate and confectionery manufacturing | 31135 | 5.0 | 0.4 | 13.1 | 11.3 |
| Fruit and vegetable preserving and specialty food manufacturing | 3114 | 6.8 | 0.5 | 17.4 | 18.0 |
| Dairy product manufacturing | 3115 | 5.4 | 0.4 | 25.5 | 24.0 |
| Animal slaughtering and processing | 3116 | 6.4 | 1.1 | 11.9 | 9.7 |
| Animal slaughtering and processing | 31161 | 6.4 | 1.1 | 11.9 | 9.7 |
| Animal (except poultry) slaughtering | 311611 | 6.1 | 0.4 | 3.1 | 1.7 |
| Meat processed from carcasses | 311612 | 5.1 | 0.3 | 29.4 | 24.7 |
| Poultry processing | 311615 | 8.7 | 0.4 | 15.7 | 17.3 |
| Bakeries and tortilla manufacturing | 3118 | 3.3 | 0.4 | 20.9 | 21.8 |
| Other food manufacturing | 3119 | 3.3 | 0.4 | 14.9 | 10.4 |
| Snack food manufacturing | 31191 | 4.8 | 0.3 | 14.1 | 12.1 |
| Beverage and tobacco product manufacturing | 312 | 2.9 | 0.2 | 42.8 | 39.3 |
| Beverage manufacturing | 3121 | 3.0 | 0.2 | 45.7 | 41.9 |
| Tobacco manufacturing | 3122 | 2.5 | (⁸) | 19.7 | 19.1 |
| Textile mills | 313 | 6.0 | 0.2 | 53.0 | 51.0 |
| Wood product manufacturing | 321 | 6.9 | 1.6 | 15.6 | 17.0 |
| Sawmills and wood preservation | 3211 | 5.1 | 0.2 | 8.1 | 10.4 |
| Veneer, plywood, and engineered wood product manufacturing | 3212 | 4.9 | 0.1 | 24.9 | 30.0 |
| Other wood product manufacturing | 3219 | 7.8 | 1.2 | 20.0 | 22.0 |
| Paper manufacturing | 322 | 3.1 | 0.8 | 18.9 | 18.4 |
| Pulp, paper, and paperboard mills | 3221 | 2.6 | 0.1 | 21.3 | 22.6 |
| Converted paper product manufacturing | 3222 | 3.2 | 0.7 | 21.2 | 20.6 |
| Printing and related support activities | 323 | 3.3 | 0.8 | 21.8 | 23.2 |
| Petroleum and coal products manufacturing | 324 | 1.8 | 0.1 | 32.3 | 35.3 |
| Petroleum and coal products manufacturing | 3241 | 1.8 | 0.1 | 32.3 | 35.3 |
| Chemical manufacturing | 325 | 1.6 | 0.6 | 14.2 | 14.0 |
| Basic chemical manufacturing | 3251 | 1.9 | 0.1 | 37.0 | 37.8 |
| Pharmaceutical and medicine manufacturing | 3254 | 1.0 | 0.2 | 11.7 | 11.2 |
| Pharmaceutical and medicine manufacturing | 32541 | 1.0 | 0.2 | 11.7 | 11.2 |
| Pharmaceutical preparation manufacturing | 325412 | 0.9 | 0.1 | 14.6 | 14.1 |
| Plastics and rubber products manufacturing | 326 | 4.0 | 1.6 | 11.6 | 11.7 |

See footnotes at end of table.

Table 10. Incidence rate¹ and number of nonfatal occupational injuries by industry, Pennsylvania, 2016

| Industry ² | NAICS code ³ | Incidence rate ¹ | Number of cases (thousands) | Percent relative standard errors | |
|--|-------------------------|-----------------------------|-----------------------------|----------------------------------|---------|
| | | | | Incidence rates | Numbers |
| Plastics product manufacturing | 3261 | 4.0 | 1.4 | 12.6 | 12.6 |
| Rubber product manufacturing | 3262 | 4.0 | 0.2 | 29.3 | 32.3 |
| Nonmetallic mineral product manufacturing | 327 | 3.8 | 0.8 | 20.7 | 19.1 |
| Glass and glass product manufacturing | 3272 | 5.1 | 0.3 | 24.3 | 26.6 |
| Cement and concrete product manufacturing | 3273 | 4.6 | 0.4 | 31.9 | 29.6 |
| Primary metal manufacturing | 331 | 3.6 | 1.3 | 8.2 | 8.9 |
| Iron and steel mills and ferroalloy manufacturing | 3311 | 2.5 | 0.3 | 9.8 | 9.9 |
| Steel product manufacturing from purchased steel | 3312 | 6.1 | 0.4 | 13.8 | 16.2 |
| Rolling and drawing of purchased steel | 33122 | 7.5 | 0.2 | 21.5 | 19.0 |
| Alumina and aluminum production and processing | 3313 | 2.0 | 0.1 | 9.7 | 9.8 |
| Nonferrous metal (except aluminum) production and processing | 3314 | 2.7 | 0.2 | 22.2 | 23.3 |
| Foundries | 3315 | 4.8 | 0.4 | 21.8 | 21.0 |
| Fabricated metal product manufacturing | 332 | 5.1 | 4.1 | 13.3 | 13.3 |
| Forging and stamping | 3321 | 4.9 | 0.5 | 24.0 | 23.6 |
| Forging and stamping | 33211 | 4.9 | 0.5 | 24.0 | 23.6 |
| Powder metallurgy part manufacturing | 332117 | 3.2 | 0.2 | 46.5 | 47.1 |
| Architectural and structural metals manufacturing | 3323 | 7.5 | 1.6 | 24.4 | 24.3 |
| Plate work and fabricated structural product manufacturing | 33231 | 9.1 | 0.8 | 36.0 | 36.1 |
| Ornamental and architectural metal products manufacturing | 33232 | 6.3 | 0.7 | 33.8 | 31.8 |
| Sheet metal work manufacturing | 332322 | 4.9 | 0.2 | 37.7 | 37.0 |
| Boiler, tank, and shipping container manufacturing | 3324 | 6.3 | 0.3 | 37.5 | 42.9 |
| Machine shops; turned product; and screw, nut, and bolt manufacturing | 3327 | 5.0 | 1.0 | 31.7 | 30.7 |
| Machine shops | 33271 | 6.0 | 0.9 | 34.0 | 33.6 |
| Turned product and screw, nut, and bolt manufacturing | 33272 | 1.8 | 0.1 | 27.4 | 25.5 |
| Coating, engraving, heat treating, and allied activities | 3328 | 2.4 | 0.2 | 24.9 | 21.9 |
| Machinery manufacturing | 333 | 2.7 | 1.2 | 11.4 | 11.5 |
| Agriculture, construction, and mining machinery manufacturing | 3331 | 2.8 | 0.2 | 14.1 | 14.1 |
| Mining and oil and gas field machinery manufacturing | 33313 | 2.1 | 0.1 | 16.9 | 19.3 |
| Industrial machinery manufacturing | 3332 | 1.8 | 0.1 | 58.1 | 52.9 |
| Ventilation, heating, air-conditioning, and commercial refrigeration equipment manufacturing | 3334 | 3.0 | 0.2 | 33.2 | 33.5 |

See footnotes at end of table.

Table 10. Incidence rate¹ and number of nonfatal occupational injuries by industry, Pennsylvania, 2016

| Industry ² | NAICS code ³ | Incidence rate ¹ | Number of cases (thousands) | Percent relative standard errors | |
|--|-------------------------|-----------------------------|-----------------------------|----------------------------------|---------|
| | | | | Incidence rates | Numbers |
| Metalworking machinery manufacturing | 3335 | 1.8 | 0.2 | 27.2 | 26.1 |
| Metalworking machinery manufacturing | 33351 | 1.8 | 0.2 | 27.2 | 26.1 |
| Special die and tool, die set, jig, and fixture manufacturing | 333514 | 1.2 | (⁸) | 29.8 | 24.7 |
| Engine, turbine, and power transmission equipment manufacturing | 3336 | 3.2 | 0.1 | 15.6 | 15.7 |
| Other general purpose machinery manufacturing | 3339 | 3.5 | 0.4 | 23.0 | 24.6 |
| Computer and electronic product manufacturing | 334 | 0.9 | 0.3 | 18.2 | 17.5 |
| Communications equipment manufacturing | 3342 | 1.9 | 0.1 | 4.9 | 8.2 |
| Semiconductor and other electronic component manufacturing | 3344 | 0.9 | 0.1 | 30.1 | 30.4 |
| Navigational, measuring, electromedical, and control instruments manufacturing | 3345 | 0.8 | 0.1 | 35.9 | 35.0 |
| Electrical equipment, appliance, and component manufacturing | 335 | 5.1 | 1.3 | 23.5 | 21.8 |
| Transportation equipment manufacturing | 336 | 4.0 | 1.5 | 9.8 | 8.2 |
| Motor vehicle body and trailer manufacturing | 3362 | 8.5 | 0.5 | 15.9 | 15.4 |
| Motor vehicle parts manufacturing | 3363 | 4.0 | 0.3 | 20.9 | 21.2 |
| Aerospace product and parts manufacturing | 3364 | 2.5 | 0.2 | 14.1 | 15.1 |
| Railroad rolling stock manufacturing | 3365 | 1.9 | 0.1 | 23.9 | 21.4 |
| Furniture and related product manufacturing | 337 | 3.7 | 0.6 | 18.7 | 17.1 |
| Household and institutional furniture and kitchen cabinet manufacturing | 3371 | 3.9 | 0.4 | 22.3 | 20.9 |
| Office furniture (including fixtures) manufacturing | 3372 | 3.3 | 0.2 | 40.2 | 37.4 |
| Other furniture related product manufacturing | 3379 | 4.6 | (⁸) | 19.6 | 17.8 |
| Miscellaneous manufacturing | 339 | 2.9 | 0.7 | 23.3 | 24.1 |
| Medical equipment and supplies manufacturing | 3391 | 1.9 | 0.2 | 17.7 | 18.5 |
| Other miscellaneous manufacturing | 3399 | 4.0 | 0.5 | 30.7 | 35.5 |
| Service-providing | | 3.0 | 100.5 | 2.7 | 2.5 |
| Trade, transportation, and utilities⁷ | | 3.5 | 32.1 | 3.8 | 3.7 |
| Wholesale trade | | 2.4 | 5.0 | 10.1 | 9.5 |
| Merchant wholesalers, durable goods | 423 | 2.6 | 2.8 | 14.3 | 14.3 |

See footnotes at end of table.

Table 10. Incidence rate¹ and number of nonfatal occupational injuries by industry, Pennsylvania, 2016

| Industry ² | NAICS code ³ | Incidence rate ¹ | Number of cases (thousands) | Percent relative standard errors | |
|--|-------------------------|-----------------------------|-----------------------------|----------------------------------|-------------------|
| | | | | Incidence rates | Numbers |
| Motor vehicle and motor vehicle parts and supplies merchant wholesalers | 4231 | 3.6 | 0.5 | 26.8 | 28.7 |
| Lumber and other construction materials merchant wholesalers | 4233 | 2.9 | 0.3 | 39.3 | 39.4 |
| Household appliances and electrical and electronic goods merchant wholesalers | 4236 | 1.8 | 0.2 | 45.5 | 46.8 |
| Hardware, and plumbing and heating equipment and supplies merchant wholesalers | 4237 | 0.2 | (⁸) | 59.8 | 59.4 |
| Machinery, equipment, and supplies merchant wholesalers | 4238 | 3.6 | 0.9 | 25.0 | 25.9 |
| Industrial machinery and equipment merchant wholesalers | 42383 | 3.1 | 0.4 | 28.5 | 30.0 |
| Miscellaneous durable goods merchant wholesalers | 4239 | 3.4 | 0.3 | 42.2 | 40.9 |
| Recyclable material merchant wholesalers | 42393 | 4.7 | 0.2 | 46.8 | 46.3 |
| Merchant wholesalers, nondurable goods | 424 | 3.5 | 2.1 | 13.1 | 12.1 |
| Grocery and related product merchant wholesalers | 4244 | 5.7 | 1.3 | 16.9 | 16.6 |
| Petroleum and petroleum products merchant wholesalers | 4247 | -- | (⁸) | (¹⁰) | (¹⁰) |
| Beer, wine, and distilled alcoholic beverage merchant wholesalers | 4248 | 9.6 | 0.4 | 18.2 | 18.8 |
| Wholesale electronic markets and agents and brokers | 425 | 0.3 | 0.1 | 41.5 | 42.0 |
| Retail trade | | 3.6 | 16.3 | 5.6 | 5.7 |
| Motor vehicle and parts dealers | 441 | 3.8 | 2.8 | 14.3 | 14.4 |
| Electronics and appliance stores | 443 | 0.5 | 0.1 | 42.0 | 42.6 |
| Building material and garden equipment and supplies dealers | 444 | 5.1 | 1.9 | 16.9 | 16.9 |
| Building material and supplies dealers | 4441 | 5.4 | 1.7 | 17.3 | 17.3 |
| Food and beverage stores | 445 | 3.8 | 3.7 | 7.2 | 7.3 |
| Gasoline stations | 447 | 3.9 | 1.2 | 32.0 | 32.8 |
| Sporting goods, hobby, book, and music stores | 451 | 2.7 | 0.4 | 29.2 | 32.2 |
| General merchandise stores | 452 | 4.5 | 3.5 | 8.8 | 9.0 |
| Department stores | 4521 | 3.7 | 1.1 | 11.5 | 11.2 |
| Other general merchandise stores | 4529 | 5.0 | 2.4 | 11.7 | 12.1 |
| Miscellaneous store retailers | 453 | 3.9 | 0.8 | 33.0 | 35.4 |
| Nonstore retailers | 454 | 1.4 | 0.4 | 30.9 | 31.0 |
| Transportation and warehousing⁷ | | 4.8 | 10.5 | 5.3 | 5.2 |

See footnotes at end of table.

Table 10. Incidence rate¹ and number of nonfatal occupational injuries by industry, Pennsylvania, 2016

| Industry ² | NAICS code ³ | Incidence rate ¹ | Number of cases (thousands) | Percent relative standard errors | |
|---|-------------------------|-----------------------------|-----------------------------|----------------------------------|---------|
| | | | | Incidence rates | Numbers |
| Air transportation | 481 | 8.8 | 0.8 | 7.0 | 6.5 |
| Truck transportation | 484 | 4.3 | 3.0 | 10.0 | 10.0 |
| General freight trucking | 4841 | 4.2 | 2.2 | 10.4 | 10.6 |
| General freight trucking, local | 48411 | 4.3 | 0.6 | 17.7 | 17.3 |
| General freight trucking, long-distance | 48412 | 4.2 | 1.7 | 12.5 | 13.0 |
| Specialized freight trucking | 4842 | 4.4 | 0.8 | 24.9 | 23.8 |
| Specialized freight (except used goods) trucking, local | 48422 | 4.1 | 0.5 | 32.2 | 32.5 |
| Specialized freight (except used goods) trucking, long-distance | 48423 | 1.1 | (⁸) | 43.3 | 37.4 |
| Transit and ground passenger transportation | 485 | 3.0 | 0.6 | 20.7 | 22.2 |
| School and employee bus transportation | 4854 | 3.5 | 0.4 | 25.6 | 30.7 |
| Support activities for transportation | 488 | 2.0 | 0.3 | 38.6 | 40.1 |
| Couriers and messengers | 492 | 5.8 | 1.1 | 7.0 | 7.2 |
| Warehousing and storage | 493 | 6.0 | 4.3 | 9.5 | 9.1 |
| Utilities | | 1.4 | 0.3 | 35.1 | 26.1 |
| Utilities | 221 | 1.4 | 0.3 | 35.1 | 26.1 |
| Electric power generation, transmission and distribution | 2211 | 0.7 | 0.1 | 39.0 | 37.3 |
| Electric power generation | 22111 | 0.7 | 0.1 | 48.1 | 39.1 |
| Fossil fuel electric power generation | 221112 | 1.4 | (⁸) | 48.5 | 47.4 |
| Electric power transmission, control, and distribution | 22112 | 0.7 | 0.1 | 58.8 | 59.4 |
| Natural gas distribution | 2212 | 2.2 | 0.1 | 49.1 | 49.0 |
| Water, sewage and other systems | 2213 | 5.6 | 0.1 | 55.8 | 50.4 |
| Information | | 1.6 | 1.2 | 23.7 | 23.2 |
| Information | | 1.6 | 1.2 | 23.7 | 23.2 |
| Publishing industries (except internet) | 511 | 1.1 | 0.2 | 36.7 | 38.4 |
| Newspaper, periodical, book, and directory publishers | 5111 | 1.5 | 0.2 | 39.1 | 40.9 |
| Broadcasting (except internet) | 515 | 1.3 | 0.1 | 46.0 | 46.9 |

See footnotes at end of table.

Table 10. Incidence rate¹ and number of nonfatal occupational injuries by industry, Pennsylvania, 2016

| Industry ² | NAICS code ³ | Incidence rate ¹ | Number of cases (thousands) | Percent relative standard errors | |
|---|-------------------------|-----------------------------|-----------------------------|----------------------------------|---------|
| | | | | Incidence rates | Numbers |
| Telecommunications | 517 | 2.7 | 0.7 | 28.5 | 28.5 |
| Other information services | 519 | -- | (⁸) | 60.8 | 40.2 |
| Finance, insurance, and real estate | | 1.4 | 4.0 | 22.5 | 21.4 |
| Finance and insurance | | 0.7 | 1.6 | 20.5 | 19.1 |
| Credit intermediation and related activities | 522 | 0.8 | 0.7 | 36.6 | 34.0 |
| Insurance carriers and related activities | 524 | 0.5 | 0.6 | 22.7 | 23.0 |
| Real estate and rental and leasing | | 4.3 | 2.4 | 35.2 | 33.3 |
| Real estate | 531 | 3.3 | 1.1 | 39.8 | 40.1 |
| Lessors of real estate | 5311 | 7.0 | 1.1 | 39.9 | 42.5 |
| Professional and business services | | 1.2 | 8.5 | 9.6 | 8.8 |
| Professional, scientific, and technical services | | 0.8 | 2.5 | 18.5 | 15.4 |
| Professional, scientific, and technical services | 541 | 0.8 | 2.5 | 18.5 | 15.4 |
| Legal services | 5411 | 0.4 | 0.2 | 53.2 | 55.1 |
| Architectural, engineering, and related services | 5413 | 0.5 | 0.3 | 30.0 | 31.0 |
| Testing laboratories | 54138 | 0.8 | 0.1 | 32.5 | 33.2 |
| Computer systems design and related services | 5415 | -- | (⁸) | 19.4 | 19.1 |
| Management, scientific, and technical consulting services | 5416 | 0.4 | 0.2 | 42.2 | 39.8 |
| Scientific research and development services | 5417 | 0.4 | 0.1 | 35.5 | 35.3 |
| Advertising, public relations, and related services | 5418 | 0.5 | 0.1 | 45.9 | 44.3 |
| Other professional, scientific, and technical services | 5419 | 7.4 | 1.5 | 27.4 | 22.1 |
| Veterinary services | 54194 | 14.8 | 1.5 | 21.0 | 22.1 |
| Management of companies and enterprises | | 0.5 | 0.6 | 20.9 | 20.5 |

See footnotes at end of table.

Table 10. Incidence rate¹ and number of nonfatal occupational injuries by industry, Pennsylvania, 2016

| Industry ² | NAICS code ³ | Incidence rate ¹ | Number of cases (thousands) | Percent relative standard errors | |
|---|-------------------------|-----------------------------|-----------------------------|----------------------------------|---------|
| | | | | Incidence rates | Numbers |
| Administrative and support and waste management and remediation services | | 2.1 | 5.4 | 12.6 | 11.6 |
| Administrative and support services | 561 | -- | -- | -- | -- |
| Business support services | 5614 | 0.4 | 0.1 | 25.7 | 26.3 |
| Investigation and security services | 5616 | 1.7 | 0.5 | 41.0 | 41.2 |
| Services to buildings and dwellings | 5617 | 3.3 | 1.8 | 20.6 | 20.4 |
| Janitorial services | 56172 | 2.7 | 0.7 | 18.4 | 16.8 |
| Landscaping services | 56173 | 3.6 | 0.8 | 40.4 | 41.3 |
| Waste management and remediation services | 562 | 4.2 | 0.8 | 19.7 | 17.4 |
| Waste collection | 5621 | 3.8 | 0.3 | 34.5 | 36.0 |
| Waste collection | 56211 | 3.8 | 0.3 | 34.5 | 36.0 |
| Solid waste collection | 562111 | 4.0 | 0.3 | 36.4 | 37.4 |
| Waste treatment and disposal | 5622 | 8.5 | 0.3 | 19.9 | 15.6 |
| Remediation and other waste management services | 5629 | 1.8 | 0.1 | 36.5 | 28.7 |
| Educational and health services | | 4.5 | 38.8 | 3.7 | 3.4 |
| Educational services | | 1.8 | 2.3 | 13.4 | 9.7 |
| Educational services | 611 | 1.8 | 2.3 | 13.4 | 9.7 |
| Elementary and secondary schools | 6111 | 3.7 | 1.0 | 20.6 | 21.9 |
| Colleges, universities, and professional schools | 6113 | 1.6 | 1.3 | 4.6 | 3.9 |
| Health care and social assistance | | 4.9 | 36.5 | 3.7 | 3.5 |
| Ambulatory health care services | 621 | 3.3 | 8.2 | 11.7 | 11.4 |
| Offices of physicians | 6211 | 2.3 | 2.1 | 23.9 | 23.9 |
| Hospitals | 622 | 5.7 | 12.2 | 0.5 | 0.4 |
| Nursing and residential care facilities | 623 | 7.7 | 12.3 | 6.2 | 5.7 |
| Nursing care facilities (skilled nursing facilities) | 6231 | 7.3 | 4.1 | 4.9 | 4.9 |

See footnotes at end of table.

Table 10. Incidence rate¹ and number of nonfatal occupational injuries by industry, Pennsylvania, 2016

| Industry ² | NAICS code ³ | Incidence rate ¹ | Number of cases (thousands) | Percent relative standard errors | |
|---|-------------------------|-----------------------------|-----------------------------|----------------------------------|---------|
| | | | | Incidence rates | Numbers |
| Continuing care retirement communities and assisted living facilities for the elderly | 6233 | 6.9 | 3.4 | 6.6 | 6.4 |
| Social assistance | 624 | 3.1 | 3.8 | 14.6 | 14.3 |
| Vocational rehabilitation services | 6243 | 3.1 | 0.3 | 37.1 | 34.9 |
| Leisure, entertainment, and hospitality | | 4.1 | 12.9 | 9.3 | 9.7 |
| Arts, entertainment, and recreation | | 6.0 | 2.6 | 32.0 | 36.1 |
| Museums, historical sites, and similar institutions | 712 | 4.0 | 0.2 | 25.0 | 24.3 |
| Amusement, gambling, and recreation industries | 713 | 3.8 | 1.1 | 12.3 | 13.4 |
| Amusement parks and arcades | 7131 | 6.0 | 0.3 | 4.1 | 2.7 |
| Gambling industries | 7132 | 2.9 | 0.2 | 0.7 | 0.7 |
| Other amusement and recreation industries | 7139 | 3.6 | 0.6 | 22.1 | 24.1 |
| Accommodation and food services | | 3.8 | 10.3 | 8.5 | 8.1 |
| Accommodation | 721 | 4.2 | 1.9 | 11.7 | 11.5 |
| Food services and drinking places | 722 | 3.8 | 8.4 | 10.0 | 9.5 |
| Restaurants and other eating places | 7225 | 3.6 | 7.0 | 10.4 | 9.8 |
| Other services (except public administration) | | 2.2 | 3.1 | 22.2 | 22.6 |
| Other services (except public administration) | | 2.2 | 3.1 | 22.2 | 22.6 |
| Repair and maintenance | 811 | 3.0 | 1.5 | 33.9 | 34.4 |
| Religious, grantmaking, civic, professional, and similar organizations | 813 | 1.5 | 0.6 | 30.9 | 30.6 |
| State and local government⁴ | | -- | -- | -- | -- |
| State government⁴ | | -- | -- | -- | -- |

See footnotes at end of table.

Table 10. Incidence rate¹ and number of nonfatal occupational injuries by industry, Pennsylvania, 2016

| Industry ² | NAICS code ³ | Incidence rate ¹ | Number of cases (thousands) | Percent relative standard errors | |
|---|-------------------------|-----------------------------|-----------------------------|----------------------------------|---------|
| | | | | Incidence rates | Numbers |
| Local government⁴ | | -- | -- | -- | -- |
| Service-providing | | -- | -- | -- | -- |
| Trade, transportation, and utilities⁷ | | 4.5 | 0.9 | 23.6 | 21.2 |
| Utilities | | -- | -- | -- | -- |
| Utilities | 221 | -- | -- | -- | -- |
| Water, sewage and other systems | 2213 | 4.1 | 0.4 | 52.6 | 46.5 |

Table 10. Incidence rate¹ and number of nonfatal occupational injuries by industry, Pennsylvania, 2016

| Industry ² | NAICS code ³ | Incidence rate ¹ | Number of cases (thousands) | Percent relative standard errors | |
|-----------------------|-------------------------|-----------------------------|-----------------------------|----------------------------------|---------|
| | | | | Incidence rates | Numbers |

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

(N/EH) x 200,000 where

N = number of injuries

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

200,000 = base for 100 equivalent full-time workers (working 40 hours per week, 50 weeks per year).

² Totals include data for industries not shown separately.

³ *North American Industry Classification System* -- United States, 2012.

⁴ Excludes farms with fewer than 11 employees.

⁵ Data for mining (Sector 21 in the *North American Industry Classification System*, 2012 edition) include establishments not governed by the Mine Safety and Health Administration (MSHA) rules and reporting, such as those in oil and gas extraction and related support activities. Data for mining operators in coal, metal, and nonmetal mining are provided to BLS by the Mine Safety and Health Administration, U.S. Department of Labor. Independent mining contractors are excluded from the coal, metal, and nonmetal mining industries. These data do not reflect the changes the Occupational Safety and Health Administration made to its recordkeeping requirements effective January 1, 2002; therefore estimates for these industries are not comparable to estimates in other industries.

⁶ Data for mining operators in this industry are provided to BLS by the Mine Safety and Health Administration, U.S. Department of Labor. Independent mining contractors are excluded. These data do not reflect the changes the Occupational Safety and Health Administration made to its recordkeeping requirements effective January 1, 2002; therefore estimates for these industries are not comparable to estimates in other industries.

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

⁸ Data too small to be displayed.

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

¹⁰ Percent relative standard error less than 0.05.

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

SOURCE: U.S. Bureau of Labor Statistics, U.S. Department of Labor, Survey of Occupational Injuries and Illnesses in cooperation with participating state agencies, November 08, 2017

Table 11. Incidence rates¹ of nonfatal occupational injuries and illnesses by industry sector and case types, 2014-2016, Pennsylvania

| Industry sector ² | Total recordable cases | | | Cases with days away from work, job transfer, or restriction | | | | | | | | | Other recordable cases | | |
|---|------------------------|------|------|--|------|------|---|------|------|--|------------------|------------------|------------------------|------|------|
| | | | | Total | | | Cases with days away from work ⁶ | | | Cases with job transfer or restriction | | | | | |
| | 2014 | 2015 | 2016 | 2014 | 2015 | 2016 | 2014 | 2015 | 2016 | 2014 | 2015 | 2016 | 2014 | 2015 | 2016 |
| All industries including state and local government³ | 3.6 | 3.6 | 3.3 | 1.8 | 1.9 | 1.8 | 1.0 | 1.1 | 1.0 | 0.8 | 0.8 | 0.8 | 1.8 | 1.7 | 1.5 |
| Private industry³ | 3.7 | 3.5 | 3.3 | 1.9 | 1.9 | 1.8 | 1.1 | 1.1 | 1.0 | 0.8 | 0.8 | 0.8 | 1.8 | 1.6 | 1.6 |
| Goods-producing³ | 4.7 | 4.5 | 4.1 | 2.4 | 2.4 | 2.3 | 1.3 | 1.4 | 1.2 | 1.1 | 1.1 | 1.0 | 2.3 | 2.1 | 1.8 |
| Natural resources and mining^{3,4} | 4.9 | 3.9 | 3.3 | 3.0 | 2.2 | 1.7 | 1.8 | 1.3 | 1.0 | 1.2 | 0.9 | 0.7 | 2.0 | 1.6 | 1.6 |
| Agriculture, forestry, fishing and hunting³ | 8.9 | 7.7 | 5.0 | 5.2 | 4.3 | 2.6 | 2.7 | 2.4 | 1.4 | 2.5 | 2.0 | 1.3 | 3.6 | 3.4 | 2.4 |
| Mining, quarrying, and oil and gas extraction⁴ | 3.1 | 1.9 | 2.0 | 1.9 | 1.1 | 1.0 | 1.4 | 0.8 | 0.8 | 0.5 | 0.4 | 0.2 | 1.2 | 0.7 | 1.0 |
| Construction | 4.4 | 4.9 | 4.4 | 1.7 | 2.3 | 2.2 | 1.3 | 1.7 | 1.7 | 0.4 | 0.6 | 0.5 | 2.7 | 2.6 | 2.2 |
| Manufacturing | 4.7 | 4.4 | 4.0 | 2.6 | 2.5 | 2.3 | 1.3 | 1.2 | 1.1 | 1.3 | 1.2 | 1.3 | 2.1 | 1.9 | 1.7 |
| Service-providing | 3.4 | 3.3 | 3.2 | 1.7 | 1.8 | 1.6 | 1.0 | 1.0 | 0.9 | 0.8 | 0.8 | 0.7 | 1.7 | 1.5 | 1.5 |
| Trade, transportation, and utilities⁵ | 4.1 | 4.1 | 3.6 | 2.5 | 2.6 | 2.3 | 1.4 | 1.4 | 1.2 | 1.1 | 1.2 | 1.1 | 1.6 | 1.6 | 1.3 |
| Wholesale trade | 3.4 | 3.8 | 2.5 | 2.1 | 2.2 | 1.7 | 1.2 | 1.1 | 1.0 | 0.9 | 1.0 | 0.7 | 1.3 | 1.7 | 0.8 |
| Retail trade | 4.2 | 3.9 | 3.6 | 2.4 | 2.2 | 2.1 | 1.3 | 1.2 | 1.1 | 1.1 | 1.0 | 1.1 | 1.9 | 1.7 | 1.5 |
| Transportation and warehousing⁵ | 4.9 | 5.3 | 4.9 | 3.4 | 3.9 | 3.5 | 2.1 | 2.3 | 1.9 | 1.4 | 1.7 | 1.6 | 1.5 | 1.3 | 1.4 |
| Utilities | 1.9 | 1.5 | 1.4 | 1.0 | 1.1 | 0.8 | 0.2 | 0.8 | 0.5 | 0.7 | 0.3 | 0.3 | 0.9 | 0.4 | 0.6 |
| Information | 1.2 | 1.6 | 1.6 | 0.8 | 0.8 | 0.7 | -- | 0.5 | 0.5 | 0.3 | 0.3 | 0.3 | 0.4 | 0.8 | 0.9 |
| Finance, insurance, and real estate | 0.8 | 1.4 | 1.4 | 0.3 | 0.6 | 0.8 | 0.2 | 0.4 | 0.8 | 0.1 | -- | (⁷) | 0.5 | 0.7 | 0.6 |
| Finance and insurance | 0.6 | 0.7 | 0.7 | 0.1 | 0.2 | 0.4 | 0.1 | 0.1 | 0.4 | (⁷) | (⁷) | (⁷) | 0.5 | 0.5 | 0.3 |
| Real estate and rental and leasing | 1.4 | 4.3 | 4.3 | 0.9 | 2.5 | 2.6 | 0.4 | 1.7 | 2.5 | 0.5 | -- | 0.1 | 0.6 | 1.7 | -- |
| Professional and business services | 1.3 | 1.5 | 1.3 | 0.6 | 0.9 | 0.6 | 0.4 | 0.5 | 0.4 | 0.2 | 0.3 | 0.2 | 0.7 | 0.6 | 0.7 |
| Professional, scientific, and technical services | 0.7 | 0.9 | 0.8 | 0.2 | 0.5 | 0.2 | 0.1 | 0.3 | 0.1 | 0.1 | 0.1 | 0.1 | 0.5 | 0.4 | 0.7 |
| Management of companies and enterprises | 0.7 | 0.9 | 0.5 | 0.3 | 0.4 | 0.2 | 0.2 | 0.1 | 0.1 | 0.2 | 0.3 | 0.1 | 0.4 | 0.5 | 0.3 |
| Administrative and support and waste management and remediation services | 2.4 | 2.5 | 2.2 | 1.4 | 1.6 | 1.3 | 1.0 | 1.0 | 0.8 | 0.4 | 0.6 | 0.5 | 1.0 | 0.9 | 0.9 |
| Educational and health services | 4.8 | 4.8 | 4.7 | 2.3 | 2.3 | 2.2 | 1.1 | 1.2 | 1.0 | 1.2 | 1.1 | 1.1 | 2.5 | 2.5 | 2.5 |
| Educational services | 2.3 | 2.7 | 2.0 | 0.9 | 0.9 | 0.7 | 0.5 | 0.6 | 0.5 | 0.3 | 0.4 | 0.2 | 1.5 | 1.8 | 1.3 |
| Health care and social assistance | 5.3 | 5.1 | 5.1 | 2.6 | 2.5 | 2.4 | 1.2 | 1.2 | 1.1 | 1.4 | 1.3 | 1.3 | 2.7 | 2.6 | 2.7 |
| Leisure, entertainment, and hospitality | 4.7 | 3.5 | 4.3 | 2.0 | 1.5 | 1.7 | 1.4 | 1.1 | 1.0 | 0.5 | 0.4 | 0.7 | 2.8 | 2.0 | 2.6 |
| Arts, entertainment, and recreation | 6.4 | 5.8 | 6.3 | 3.6 | 2.5 | 4.0 | -- | 1.5 | 1.0 | 0.6 | 1.0 | -- | 2.8 | 3.3 | 2.2 |
| Accommodation and food services | 4.4 | 3.1 | 3.9 | 1.6 | 1.3 | 1.3 | 1.1 | 1.0 | 1.0 | 0.5 | 0.3 | 0.3 | 2.8 | 1.8 | 2.6 |
| Other services (except public administration) | 4.1 | 2.0 | 2.3 | 1.6 | 1.4 | 1.1 | 1.3 | 0.6 | 0.9 | -- | 0.7 | 0.2 | 2.5 | 0.6 | 1.2 |
| Other services (except public administration) | 4.1 | 2.0 | 2.3 | 1.6 | 1.4 | 1.1 | 1.3 | 0.6 | 0.9 | -- | 0.7 | 0.2 | 2.5 | 0.6 | 1.2 |
| State and local government³ | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| State government³ | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| Local government³ | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |

Table 11. Incidence rates¹ of nonfatal occupational injuries and illnesses by industry sector and case types, 2014-2016, Pennsylvania

| Industry sector ² | Total recordable cases | Cases with days away from work, job transfer, or restriction | | | Other recordable cases |
|---|------------------------|--|---|--|------------------------|
| | | Total | Cases with days away from work ⁶ | Cases with job transfer or restriction | |
| <p>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</p> <p>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).</p> <p>² <i>North American Industry Classification System</i> -- United States, 2012.</p> <p>³ Excludes farms with fewer than 11 employees.</p> <p>⁴ Data for mining (Sector 21 in the <i>North American Industry Classification System</i>, 2012 edition) 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 OSHA made to its recordkeeping requirements effective January 1, 2002; therefore estimates for these industries are not comparable to estimates in other industries.</p> <p>⁵ Data for employers in railroad transportation are provided to BLS by the Federal Railroad Administration, U.S. Department of Transportation.</p> <p>⁶ Days-away-from-work cases include those that result in days away from work with or without restricted work activity.</p> <p>⁷ Data too small to be displayed.</p> <p>NOTE: Because of rounding, components may not add to totals. Dash indicates data do not meet publication guidelines.</p> <p>SOURCE: U.S. Bureau of Labor Statistics, U.S. Department of Labor, Survey of Occupational Injuries and Illnesses in cooperation with participating state agencies, November 08, 2017</p> | | | | | |