

Pennsylvania 2016 Survey of Occupational Injuries and Illnesses (SOII) Case and Demographic Data

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Table 1. Number of nonfatal occupational injuries and illnesses involving days away from work ¹ by selected worker characteristics and major industry sector, private industry, Pennsylvania, 2016

Characteristic	Private industry ^{2,3,4}	Goods producing				Service providing								
		Total goods producing	Natural resources and mining ^{2,3}	Construction	Manufacturing	Total service providing	Trade, transportation and utilities ⁴	Information	Financial activities	Professional and business services	Education and health services	Leisure and hospitality	Other services	Public Administration
Total	40,100	10,250	530	3,680	6,040	29,850	11,280	350	2,200	2,580	8,980	3,220	1,240	--
Gender:														
Male	25,170	9,160	500	3,600	5,060	16,010	7,690	310	1,630	1,880	2,220	1,630	640	--
Female	14,760	1,090	40	70	980	13,670	3,410	40	570	700	6,760	1,590	590	--
Age:														
14 to 15	--	--	--	--	--	--	--	--	--	--	--	--	--	--
16 to 19	1,130	220	30	40	150	900	500	--	--	60	190	140	--	--
20 to 24	3,770	1,320	30	770	520	2,450	990	--	--	290	680	400	--	--
25 to 34	8,080	1,710	90	460	1,150	6,370	2,140	60	630	710	1,910	860	--	--
35 to 44	7,300	1,990	140	790	1,060	5,310	2,080	120	270	300	1,360	680	500	--
45 to 54	9,390	2,700	140	1,050	1,510	6,690	2,730	80	90	620	2,150	650	370	--
55 to 64	8,870	2,020	70	510	1,440	6,850	2,330	80	1,160	540	2,160	340	240	--
65 and over	1,470	210	30	--	170	1,260	510	--	--	60	520	160	--	--
Length of service with employer:														
Less than 3 months	4,580	1,500	50	770	690	3,080	1,240	--	290	270	650	610	--	--
3 to 11 months	6,510	1,400	120	530	750	5,110	2,020	--	300	700	1,580	450	--	--
1 to 5 years	14,080	2,840	170	790	1,880	11,240	4,180	--	1,200	1,030	2,980	1,150	680	--
More than 5 years	14,630	4,440	200	1,550	2,700	10,190	3,650	300	410	580	3,720	1,000	510	--
Race or ethnic origin ⁵ :														
White only	20,350	6,340	90	2,430	3,820	14,010	5,250	230	1,040	1,320	4,630	1,280	260	--
Black only	2,250	330	--	--	310	1,920	500	--	--	270	930	180	--	--
Hispanic or Latino only	1,820	810	190	150	480	1,010	280	--	--	300	220	160	--	--
Asian only	390	40	--	--	40	350	--	--	--	--	60	270	--	--
Native Hawaiian or other Pacific Islander only	--	--	--	--	--	--	--	--	--	--	--	--	--	--
American Indian or Alaskan Native only	70	40	--	--	--	40	--	--	--	--	--	--	--	--
Hispanic or Latino and other race	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Multi-race	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Not reported	15,210	2,690	230	1,080	1,380	12,520	5,230	120	1,130	660	3,130	1,330	920	--

¹ Days-away-from-work cases include those that result in days away from work with or without job transfer or restriction.

² Excludes farms with fewer than 11 employees.

³ Data for mining (Sector 21 in the North American Industry Classification System) include establishments not governed by the Mine Safety and Health Administration (MSHA) rules and reporting, such as those in oil and gas extraction and related support activities. Data for mining operators in coal, metal, and nonmetal mining are provided to BLS by the Mine Safety and Health Administration, U.S. Department of Labor. Independent mining contractors are excluded from the coal, metal, and nonmetal mining industries. These data do not reflect 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.

⁴ Data for employers in rail transportation are provided to BLS by the Federal Railroad Administration, U.S. Department of Transportation. 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.

⁵ Race and ethnicity data do not add to total. Some cases may be counted as both "Multi-race" and "Hispanic and other" race.

NOTE: Dashes indicate data that are not available. Because of rounding and data exclusion of nonclassifiable responses, data may not sum to the totals.

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. Percent distribution of nonfatal occupational injuries and illnesses involving days away from work ¹ by selected worker characteristics and major industry sector, private industry, Pennsylvania, 2016

Characteristic	Private industry ^{2,3,4}	Goods producing				Service providing									
		Total goods producing	Natural resources and mining ^{2,3}	Construction	Manufacturing	Total service providing	Trade, transportation and utilities ⁴	Information	Financial activities	Professional and business services	Education and health services	Leisure and hospitality	Other services	Public Administration	
Total	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	--
Gender:															
Male	62.8	89.4	94.3	97.8	83.8	53.6	68.2	88.6	74.1	72.9	24.7	50.6	51.6	--	
Female	36.8	10.6	7.5	1.9	16.2	45.8	30.2	11.4	25.9	27.1	75.3	49.4	47.6	--	
Age:															
14 to 15	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
16 to 19	2.8	2.1	5.7	1.1	2.5	3.0	4.4	--	--	2.3	2.1	4.3	--	--	
20 to 24	9.4	12.9	5.7	20.9	8.6	8.2	8.8	--	--	11.2	7.6	12.4	--	--	
25 to 34	20.1	16.7	17.0	12.5	19.0	21.3	19.0	17.1	28.6	27.5	21.3	26.7	--	--	
35 to 44	18.2	19.4	26.4	21.5	17.5	17.8	18.4	34.3	12.3	11.6	15.1	21.1	40.3	--	
45 to 54	23.4	26.3	26.4	28.5	25.0	22.4	24.2	22.9	4.1	24.0	23.9	20.2	29.8	--	
55 to 64	22.1	19.7	13.2	13.9	23.8	22.9	20.7	22.9	52.7	20.9	24.1	10.6	19.4	--	
65 and over	3.7	2.0	5.7	--	2.8	4.2	4.5	--	--	2.3	5.8	5.0	--	--	
Length of service with employer:															
Less than 3 months	11.4	14.6	9.4	20.9	11.4	10.3	11.0	--	13.2	10.5	7.2	18.9	--	--	
3 to 11 months	16.2	13.7	22.6	14.4	12.4	17.1	17.9	--	13.6	27.1	17.6	14.0	--	--	
1 to 5 years	35.1	27.7	32.1	21.5	31.1	37.7	37.1	--	54.5	39.9	33.2	35.7	54.8	--	
More than 5 years	36.5	43.3	37.7	42.1	44.7	34.1	32.4	85.7	18.6	22.5	41.4	31.1	41.1	--	
Race or ethnic origin ⁵ :															
White only	50.7	61.9	17.0	66.0	63.2	46.9	46.5	65.7	47.3	51.2	51.6	39.8	21.0	--	
Black only	5.6	3.2	--	--	5.1	6.4	4.4	--	--	10.5	10.4	5.6	--	--	
Hispanic or Latino only	4.5	7.9	35.8	4.1	7.9	3.4	2.5	--	--	11.6	2.4	5.0	--	--	
Asian only	1.0	.4	--	--	.7	1.2	--	--	--	--	.7	8.4	--	--	
Native Hawaiian or other Pacific Islander only	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
American Indian or Alaskan Native only	.2	.4	--	--	--	.1	--	--	--	--	--	--	--	--	
Hispanic or Latino and other race	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
Multi-race	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
Not reported	37.9	26.2	43.4	29.3	22.8	41.9	46.4	34.3	51.4	25.6	34.9	41.3	74.2	--	

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Table 3. Number of nonfatal occupational injuries and illnesses involving days away from work ¹ by major occupational group and major industry sector, private industry, Pennsylvania, 2016

Characteristic	Private industry ^{2,3,4}	Goods producing				Service providing								
		Total goods producing	Natural resources and mining ^{2,3}	Construction	Manufacturing	Total service providing	Trade, transportation and utilities ⁴	Information	Financial activities	Professional and business services	Education and health services	Leisure and hospitality	Other services	Public Administration
Total	40,100	10,250	530	3,680	6,040	29,850	11,280	350	2,200	2,580	8,980	3,220	1,240	--
Management occupations	720	90	--	--	60	630	40	--	--	70	340	110	--	--
Business and financial operations occupations	150	--	--	--	--	140	20	--	--	50	20	--	--	--
Computer and mathematical occupations	20	--	--	--	--	20	--	--	--	--	--	--	--	--
Architecture and engineering occupations	40	30	--	--	30	--	--	--	--	--	--	--	--	--
Life, physical, and social science occupations	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Community and social service occupations	410	--	--	--	--	410	--	--	--	--	410	--	--	--
Legal occupations	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Education, training, and library occupations	190	--	--	--	--	190	--	--	--	--	160	--	--	--
Arts, design, entertainment, sports, and media occupations	140	--	--	--	--	140	20	--	--	80	--	20	--	--
Healthcare practitioners and technical occupations	2,470	--	--	--	--	2,470	30	--	--	60	2,370	--	--	--
Healthcare support occupations	2,690	--	--	--	--	2,690	100	--	--	60	2,530	--	--	--
Protective service occupations	290	--	--	--	--	280	--	--	--	110	100	40	--	--
Food preparation and serving related occupations	2,900	--	--	--	--	2,880	380	--	--	--	250	2,220	--	--
Building and grounds cleaning and maintenance occupations	2,120	70	20	--	40	2,050	100	--	--	1,060	560	320	--	--
Personal care and service occupations	1,660	--	--	--	--	1,660	--	--	--	--	1,070	160	410	--
Sales and related occupations	1,700	20	--	--	--	1,680	1,510	--	--	70	--	70	--	--
Office and administrative support occupations	3,190	200	--	60	140	2,990	1,660	--	730	100	340	80	--	--
Farming, fishing, and forestry occupations	260	250	250	--	--	--	--	--	--	--	--	--	--	--
Construction and extraction occupations	4,160	3,300	140	3,060	110	860	50	--	270	100	430	--	--	--
Installation, maintenance, and repair occupations	4,310	960	30	460	460	3,360	1,520	250	820	130	170	90	390	--
Production occupations	5,030	3,830	20	--	3,780	1,210	640	--	--	360	20	--	150	--
Transportation and material moving occupations	7,510	1,430	70	--	1,340	6,080	5,130	50	270	310	160	80	--	--

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Table 4. Number of nonfatal occupational injuries and illnesses involving days away from work ¹ by selected worker occupations and major industry sector, private industry, Pennsylvania, 2016

Occupation	Private industry ^{2,3,4}	Goods producing				Service providing								
		Total goods producing	Natural resources and mining ^{2,3}	Construction	Manufacturing	Total service providing	Trade, transportation and utilities ⁴	Information	Financial activities	Professional and business services	Education and health services	Leisure and hospitality	Other services	Public Administration
Total	40,100	10,250	530	3,680	6,040	29,850	11,280	350	2,200	2,580	8,980	3,220	1,240	--
Laborers and freight, stock, and material movers, hand	3,000	850	--	--	850	2,150	1,930	--	--	90	80	30	--	--
Nursing assistants	1,860	--	--	--	--	1,860	--	--	--	--	1,860	--	--	--
Heavy and tractor-trailer truck drivers	1,750	240	--	--	200	1,520	1,400	--	--	120	--	--	--	--
Construction laborers	1,470	1,460	--	1,450	--	--	--	--	--	--	--	--	--	--
Maintenance and repair workers, general	1,300	270	--	60	210	1,030	80	--	540	100	120	80	100	--
Stock clerks and order fillers	1,120	50	--	--	40	1,070	1,040	--	--	--	30	--	--	--
Registered nurses	990	--	--	--	--	990	--	--	--	--	980	--	--	--
Personal care aides	820	--	--	--	--	820	--	--	--	--	820	--	--	--
Carpenters	820	540	--	500	30	290	--	--	--	--	--	--	--	--
Retail salespersons	750	--	--	--	--	750	750	--	--	--	--	--	--	--
Light truck or delivery services drivers	740	--	--	--	--	740	390	--	250	50	--	--	--	--
Food preparation workers	710	--	--	--	--	710	330	--	--	--	40	340	--	--
Janitors and cleaners, except maids and housekeeping cleaners	650	60	20	--	30	590	70	--	--	260	170	80	--	--
Automotive service technicians and mechanics	630	--	--	--	--	630	630	--	--	--	--	--	--	--
Landscaping and groundskeeping workers	620	--	--	--	--	620	--	--	--	500	30	60	--	--
Maids and housekeeping cleaners	610	--	--	--	--	600	--	--	--	90	340	180	--	--
Combined food preparation and serving workers, including fast food	550	--	--	--	--	550	30	--	--	--	--	520	--	--
First-line supervisors of production and operating workers	520	270	--	--	270	250	250	--	--	--	--	--	--	--
Hairdressers, hairstylists, and cosmetologists	390	--	--	--	--	390	--	--	--	--	--	--	--	--
Tellers	380	--	--	--	--	380	--	--	380	--	--	--	--	--
Plumbers, pipefitters, and steamfitters	370	340	--	340	--	20	--	--	--	--	20	--	--	--
Cooks, institution and cafeteria	340	--	--	--	--	340	--	--	--	--	70	270	--	--
Packaging and filling machine operators and tenders	340	230	--	--	230	110	--	--	--	100	--	--	--	--
Cooks, restaurant	340	--	--	--	--	340	--	--	--	--	--	340	--	--
Cashiers	330	--	--	--	--	330	270	--	--	--	--	60	--	--
Driver/sales workers	330	--	--	--	--	330	220	--	--	--	--	50	--	--

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Table 5. Number of nonfatal occupational injuries and illnesses involving days away from work ¹ by selected injury or illness characteristics and major industry sector, private industry, Pennsylvania, 2016

Characteristic	Private industry ^{2,3,4}	Goods producing				Service providing								
		Total goods producing	Natural resources and mining ^{2,3}	Construction	Manufacturing	Total service providing	Trade, transportation and utilities ⁴	Information	Financial activities	Professional and business services	Education and health services	Leisure and hospitality	Other services	Public Administration
Total	40,100	10,250	530	3,680	6,040	29,850	11,280	350	2,200	2,580	8,980	3,220	1,240	--
Nature of injury, illness:														
Fractures	4,350	1,300	50	640	610	3,050	970	--	310	430	1,000	240	--	--
Sprains, strains, tears	14,530	3,060	230	1,230	1,600	11,470	4,200	110	910	560	3,990	930	770	--
Amputations	310	250	--	--	250	60	40	--	--	--	--	--	--	--
Bruise, contusions	3,680	590	50	150	390	3,100	1,260	40	--	470	1,020	250	--	--
Chemical burns and corrosions	120	--	--	--	--	110	80	--	--	--	--	--	--	--
Heat (thermal) burns	380	100	--	--	70	290	80	--	--	--	80	90	--	--
Soreness, pain	5,300	890	--	260	620	4,410	1,620	30	230	350	1,290	680	230	--
Cuts, lacerations, punctures	4,270	1,490	70	550	870	2,780	1,200	100	360	170	260	680	--	--
Cuts, lacerations	3,810	1,390	70	520	800	2,420	1,080	--	360	90	210	670	--	--
Punctures (except gunshot wounds)	460	100	--	--	70	360	130	80	--	80	50	--	--	--
Carpal tunnel syndrome	380	310	--	--	310	70	40	--	--	--	--	--	--	--
Tendonitis	90	40	--	--	30	50	--	--	--	--	30	--	--	--
Multiple traumatic injuries	910	490	--	380	100	420	170	--	--	40	150	30	--	--
With sprains and other injuries	240	20	--	--	20	220	90	--	--	--	90	20	--	--
With fractures and other injuries	470	430	--	380	40	50	20	--	--	--	20	--	--	--
Part of body affected:														
Head	3,870	1,060	40	380	650	2,810	1,250	20	270	230	830	170	--	--
Eye	910	360	--	50	290	550	390	--	--	100	50	20	--	--
Neck	500	100	--	70	30	400	160	--	--	--	220	--	--	--
Trunk	9,210	1,950	160	760	1,040	7,260	2,360	60	620	770	2,790	540	120	--
Back	5,690	1,180	120	530	530	4,510	1,660	30	70	400	1,920	380	--	--
Upper extremities	14,420	4,510	190	1,460	2,860	9,910	4,080	40	870	580	2,300	1,200	840	--
Shoulder	4,050	790	40	240	510	3,260	1,270	--	260	150	700	160	710	--
Arm	2,200	560	--	240	310	1,640	750	20	130	50	440	140	110	--
Wrist	1,850	520	--	--	480	1,340	370	--	280	150	390	150	--	--
Hand	5,570	2,400	130	840	1,430	3,170	1,420	--	190	200	590	740	--	--
Lower extremities	8,170	1,910	110	630	1,170	6,260	2,470	180	360	600	1,630	890	140	--
Knee	3,460	770	50	260	450	2,690	930	50	300	160	680	550	--	--
Ankle	1,900	340	20	60	260	1,560	610	40	--	330	370	150	--	--
Foot	1,450	410	20	180	220	1,040	530	--	--	80	270	90	--	--
Toe, toenail	260	80	--	--	50	180	90	--	--	--	20	40	--	--
Body systems	490	60	--	--	50	430	80	--	--	30	220	80	--	--
Multiple	2,960	600	--	370	210	2,360	700	40	--	350	930	250	--	--
Source of injury, illness:														
Chemical, chemical products	330	80	--	--	80	250	120	--	--	20	100	--	--	--
Containers	4,120	650	30	160	460	3,470	2,030	--	--	340	360	670	--	--
Furniture, fixtures	1,860	150	--	--	120	1,720	350	--	550	50	620	130	--	--
Machinery	2,490	1,380	110	190	1,070	1,110	600	--	--	220	130	130	--	--
Parts and materials	3,120	1,570	50	480	1,040	1,550	1,130	40	--	50	80	30	190	--
Person, injured or ill worker	5,790	1,620	60	400	1,170	4,160	1,890	60	630	380	820	350	--	--
Worker motion or position	5,530	1,600	50	400	1,150	3,920	1,830	60	620	360	790	230	--	--
Person, other than injured or ill workers	3,080	260	--	--	40	2,830	30	--	--	--	2,740	--	--	--
Health care patient	2,520	--	--	--	--	2,520	--	--	--	--	2,500	--	--	--
Floors, walkways, ground surfaces	7,470	1,030	80	340	620	6,440	1,810	30	350	660	2,240	1,170	160	--
Ladder	910	360	--	240	110	550	220	30	--	210	50	--	--	--
Handtools	2,230	870	20	420	440	1,360	280	--	--	60	120	260	380	--
Vehicles	3,760	1,060	20	720	320	2,700	1,710	30	--	230	600	70	--	--

Table 5. Number of nonfatal occupational injuries and illnesses involving days away from work ¹ by selected injury or illness characteristics and major industry sector, private industry, Pennsylvania, 2016

Characteristic	Private industry ^{2,3,4}	Goods producing				Service providing								
		Total goods producing	Natural resources and mining ^{2,3}	Construction	Manufacturing	Total service providing	Trade, transportation and utilities ⁴	Information	Financial activities	Professional and business services	Education and health services	Leisure and hospitality	Other services	Public Administration
Trucks	1,330	690	--	620	70	640	530	--	--	70	--	--	--	--
Cart, dolly, hand truck - nonpowered	430	60	--	--	60	380	220	--	--	--	90	40	--	--
Event or exposure:														
Violence and other injuries by persons or animal	1,620	260	--	--	40	1,350	30	90	--	130	1,060	30	--	--
Intentional injury by other person	970	--	--	--	--	750	--	--	--	--	720	--	--	--
Injury by person - unintentional or intent unknown	360	--	--	--	--	320	20	--	--	--	280	--	--	--
Animal and insect related incidents	290	--	--	--	--	280	--	--	--	130	60	--	--	--
Transportation incidents	1,730	200	--	110	90	1,520	810	20	--	170	470	30	--	--
Roadway incidents involving motorized land vehicles	1,370	80	--	60	20	1,290	660	20	--	130	460	--	--	--
Fires and explosions	60	--	--	--	--	60	50	--	--	--	--	--	--	--
Falls, slips, trips	10,880	1,990	120	850	1,020	8,880	2,690	50	770	1,020	2,650	1,300	400	--
Slips, trips without fall	1,050	280	20	70	190	780	370	--	--	60	230	80	--	--
Fall on same level	6,870	850	50	250	550	6,020	1,660	--	320	660	1,880	1,100	400	--
Fall to lower level	2,660	790	20	510	260	1,870	500	--	430	300	520	110	--	--
Exposure to harmful substances or environments	1,200	330	--	90	240	870	300	--	--	50	340	120	--	--
Contact with object, equipment	10,410	3,930	230	1,290	2,410	6,480	3,140	40	470	490	1,140	1,110	--	--
Struck by object or equipment	5,810	1,920	70	820	1,030	3,890	1,890	20	190	280	620	860	--	--
Struck against object or equipment	2,830	870	120	250	500	1,960	890	--	280	140	390	200	--	--
Caught in or compressed by object or equipment	1,420	950	40	170	740	470	250	--	--	60	120	30	--	--
Overexertion and bodily reaction	14,080	3,480	180	1,100	2,200	10,590	4,230	120	920	710	3,290	650	680	--
Repetitive motion involving microtasks	1,000	560	--	70	490	440	280	--	--	40	50	30	--	--
Overexertion in lifting or lowering	3,790	780	70	240	460	3,010	1,490	--	--	180	880	260	150	--

¹ Days-away-from-work cases include those that result in days away from work with or without job transfer or restriction.

² Excludes farms with fewer than 11 employees.

³ Data for mining (Sector 21 in the North American Industry Classification System) include establishments not governed by the Mine Safety and Health Administration (MSHA) rules and reporting, such as those in oil and gas extraction and related support activities. Data for mining operators in coal, metal, and nonmetal mining are provided to BLS by the Mine Safety and Health Administration, U.S. Department of Labor. Independent mining contractors are excluded from the coal, metal, and nonmetal mining industries. These data do not reflect 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.

⁴ Data for employers in rail transportation are provided to BLS by the Federal Railroad Administration, U.S. Department of Transportation. 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.

NOTE: Dashes indicate data that are not available. Because of rounding and data exclusion of nonclassifiable responses, data may not sum to the totals.

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. Percent distribution of nonfatal occupational injuries and illnesses involving days away from work ¹ by selected injury or illness characteristics and major industry sector, private industry, Pennsylvania, 2016

Characteristic	Private industry ^{2,3,4}	Goods producing				Service providing								
		Total goods producing	Natural resources and mining ^{2,3}	Construction	Manufacturing	Total service providing	Trade, transportation and utilities ⁴	Information	Financial activities	Professional and business services	Education and health services	Leisure and hospitality	Other services	Public Administration
Total	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	--
Nature of injury, illness:														
Fractures	10.8	12.7	9.4	17.4	10.1	10.2	8.6	--	14.1	16.7	11.1	7.5	--	--
Sprains, strains, tears	36.2	29.9	43.4	33.4	26.5	38.4	37.2	31.4	41.4	21.7	44.4	28.9	62.1	--
Amputations	.8	2.4	--	--	4.1	.2	.4	--	--	--	--	--	--	--
Bruise, contusions	9.2	5.8	9.4	4.1	6.5	10.4	11.2	11.4	--	18.2	11.4	7.8	--	--
Chemical burns and corrosions	.3	--	--	--	--	.4	.7	--	--	--	--	--	--	--
Heat (thermal) burns	.9	1.0	--	--	1.2	1.0	.7	--	--	--	.9	2.8	--	--
Soreness, pain	13.2	8.7	--	7.1	10.3	14.8	14.4	8.6	10.5	13.6	14.4	21.1	18.5	--
Cuts, lacerations, punctures	10.6	14.5	13.2	14.9	14.4	9.3	10.6	28.6	16.4	6.6	2.9	21.1	--	--
Cuts, lacerations	9.5	13.6	13.2	14.1	13.2	8.1	9.6	--	16.4	3.5	2.3	20.8	--	--
Punctures (except gunshot wounds)	1.1	1.0	--	--	1.2	1.2	1.2	22.9	--	3.1	.6	--	--	--
Carpal tunnel syndrome	.9	3.0	--	--	5.1	.2	.4	--	--	--	--	--	--	--
Tendonitis	.2	.4	--	--	.5	.2	--	--	--	--	.3	--	--	--
Multiple traumatic injuries	2.3	4.8	--	10.3	1.7	1.4	1.5	--	--	1.6	1.7	.9	--	--
With sprains and other injuries	.6	.2	--	--	.3	.7	.8	--	--	--	1.0	.6	--	--
With fractures and other injuries	1.2	4.2	--	10.3	.7	.2	.2	--	--	--	.2	--	--	--
Part of body affected:														
Head	9.7	10.3	7.5	10.3	10.8	9.4	11.1	5.7	12.3	8.9	9.2	5.3	--	--
Eye	2.3	3.5	--	1.4	4.8	1.8	3.5	--	--	3.9	.6	.6	--	--
Neck	1.2	1.0	--	1.9	.5	1.3	1.4	--	--	--	2.4	--	--	--
Trunk	23.0	19.0	30.2	20.7	17.2	24.3	20.9	17.1	28.2	29.8	31.1	16.8	9.7	--
Back	14.2	11.5	22.6	14.4	8.8	15.1	14.7	8.6	3.2	15.5	21.4	11.8	--	--
Upper extremities	36.0	44.0	35.8	39.7	47.4	33.2	36.2	11.4	39.5	22.5	25.6	37.3	67.7	--
Shoulder	10.1	7.7	7.5	6.5	8.4	10.9	11.3	--	11.8	5.8	7.8	5.0	57.3	--
Arm	5.5	5.5	--	6.5	5.1	5.5	6.6	5.7	5.9	1.9	4.9	4.3	8.9	--
Wrist	4.6	5.1	--	--	7.9	4.5	3.3	--	12.7	5.8	4.3	4.7	--	--
Hand	13.9	23.4	24.5	22.8	23.7	10.6	12.6	--	8.6	7.8	6.6	23.0	--	--
Lower extremities	20.4	18.6	20.8	17.1	19.4	21.0	21.9	51.4	16.4	23.3	18.2	27.6	11.3	--
Knee	8.6	7.5	9.4	7.1	7.5	9.0	8.2	14.3	13.6	6.2	7.6	17.1	--	--
Ankle	4.7	3.3	3.8	1.6	4.3	5.2	5.4	11.4	--	12.8	4.1	4.7	--	--
Foot	3.6	4.0	3.8	4.9	3.6	3.5	4.7	--	--	3.1	3.0	2.8	--	--
Toe, toenail	.6	.8	--	--	.8	.6	.8	--	--	--	.2	1.2	--	--
Body systems	1.2	.6	--	--	.8	1.4	.7	--	--	1.2	2.4	2.5	--	--
Multiple	7.4	5.9	--	10.1	3.5	7.9	6.2	11.4	--	13.6	10.4	7.8	--	--
Source of injury, illness:														
Chemical, chemical products	.8	.8	--	--	1.3	.8	1.1	--	--	.8	1.1	--	--	--
Containers	10.3	6.3	5.7	4.3	7.6	11.6	18.0	--	--	13.2	4.0	20.8	--	--
Furniture, fixtures	4.6	1.5	--	--	2.0	5.8	3.1	--	25.0	1.9	6.9	4.0	--	--
Machinery	6.2	13.5	20.8	5.2	17.7	3.7	5.3	--	--	8.5	1.4	4.0	--	--
Parts and materials	7.8	15.3	9.4	13.0	17.2	5.2	10.0	11.4	--	1.9	.9	.9	15.3	--
Person, injured or ill worker	14.4	15.8	11.3	10.9	19.4	13.9	16.8	17.1	28.6	14.7	9.1	10.9	--	--
Worker motion or position	13.8	15.6	9.4	10.9	19.0	13.1	16.2	17.1	28.2	14.0	8.8	7.1	--	--
Person, other than injured or ill workers	7.7	2.5	--	--	.7	9.5	.3	--	--	--	30.5	--	--	--
Health care patient	6.3	--	--	--	--	8.4	--	--	--	--	27.8	--	--	--
Floors, walkways, ground surfaces	18.6	10.0	15.1	9.2	10.3	21.6	16.0	8.6	15.9	25.6	24.9	36.3	12.9	--
Ladder	2.3	3.5	--	6.5	1.8	1.8	2.0	8.6	--	8.1	.6	--	--	--
Handtools	5.6	8.5	3.8	11.4	7.3	4.6	2.5	--	--	2.3	1.3	8.1	30.6	--
Vehicles	9.4	10.3	3.8	19.6	5.3	9.0	15.2	8.6	--	8.9	6.7	2.2	--	--

Table 6. Percent distribution of nonfatal occupational injuries and illnesses involving days away from work ¹ by selected injury or illness characteristics and major industry sector, private industry, Pennsylvania, 2016

Characteristic	Private industry ^{2,3,4}	Goods producing				Service providing								
		Total goods producing	Natural resources and mining ^{2,3}	Construction	Manufacturing	Total service providing	Trade, transportation and utilities ⁴	Information	Financial activities	Professional and business services	Education and health services	Leisure and hospitality	Other services	Public Administration
Trucks	3.3	6.7	--	16.8	1.2	2.1	4.7	--	--	2.7	--	--	--	--
Cart, dolly, hand truck - nonpowered	1.1	.6	--	--	1.0	1.3	2.0	--	--	--	1.0	1.2	--	--
Event or exposure:														
Violence and other injuries by persons or animal	4.0	2.5	--	--	.7	4.5	.3	25.7	--	5.0	11.8	.9	--	--
Intentional injury by other person	2.4	--	--	--	--	2.5	--	--	--	--	8.0	--	--	--
Injury by person - unintentional or intent unknown	.9	--	--	--	--	1.1	.2	--	--	--	3.1	--	--	--
Animal and insect related incidents	.7	--	--	--	--	.9	--	--	--	5.0	.7	--	--	--
Transportation incidents	4.3	2.0	--	3.0	1.5	5.1	7.2	5.7	--	6.6	5.2	.9	--	--
Roadway incidents involving motorized land vehicles	3.4	.8	--	1.6	.3	4.3	5.9	5.7	--	5.0	5.1	--	--	--
Fires and explosions	.1	--	--	--	--	.2	.4	--	--	--	--	--	--	--
Falls, slips, trips	27.1	19.4	22.6	23.1	16.9	29.7	23.8	14.3	35.0	39.5	29.5	40.4	32.3	--
Slips, trips without fall	2.6	2.7	3.8	1.9	3.1	2.6	3.3	--	--	2.3	2.6	2.5	--	--
Fall on same level	17.1	8.3	9.4	6.8	9.1	20.2	14.7	--	14.5	25.6	20.9	34.2	32.3	--
Fall to lower level	6.6	7.7	3.8	13.9	4.3	6.3	4.4	--	19.5	11.6	5.8	3.4	--	--
Exposure to harmful substances or environments	3.0	3.2	--	2.4	4.0	2.9	2.7	--	--	1.9	3.8	3.7	--	--
Contact with object, equipment	26.0	38.3	43.4	35.1	39.9	21.7	27.8	11.4	21.4	19.0	12.7	34.5	--	--
Struck by object or equipment	14.5	18.7	13.2	22.3	17.1	13.0	16.8	5.7	8.6	10.9	6.9	26.7	--	--
Struck against object or equipment	7.1	8.5	22.6	6.8	8.3	6.6	7.9	--	12.7	5.4	4.3	6.2	--	--
Caught in or compressed by object or equipment	3.5	9.3	7.5	4.6	12.3	1.6	2.2	--	--	2.3	1.3	.9	--	--
Overexertion and bodily reaction	35.1	34.0	34.0	29.9	36.4	35.5	37.5	34.3	41.8	27.5	36.6	20.2	54.8	--
Repetitive motion involving microtasks	2.5	5.5	--	1.9	8.1	1.5	2.5	--	--	1.6	.6	.9	--	--
Overexertion in lifting or lowering	9.5	7.6	13.2	6.5	7.6	10.1	13.2	--	--	7.0	9.8	8.1	12.1	--

¹ Days-away-from-work cases include those that result in days away from work with or without job transfer or restriction.

² Excludes farms with fewer than 11 employees.

³ Data for mining (Sector 21 in the North American Industry Classification System) include establishments not governed by the Mine Safety and Health Administration (MSHA) rules and reporting, such as those in oil and gas extraction and related support activities. Data for mining operators in coal, metal, and nonmetal mining are provided to BLS by the Mine Safety and Health Administration, U.S. Department of Labor. Independent mining contractors are excluded from the coal, metal, and nonmetal mining industries. These data do not reflect 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.

⁴ Data for employers in rail transportation are provided to BLS by the Federal Railroad Administration, U.S. Department of Transportation. 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.

NOTE: Dashes indicate data that are not available. Because of rounding and data exclusion of nonclassifiable responses, data may not sum to the totals.

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 7. Incidence rates¹ nonfatal occupational injuries and illnesses involving days away from work² per 10,000 full-time workers for selected characteristics and major industry sector, private industry, Pennsylvania, 2016

Characteristic	Private industry ^{2,3,4}	Goods producing				Service providing								
		Total goods producing	Natural resources and mining ^{2,3}	Construction	Manufacturing	Total service providing	Trade, transportation and utilities ⁴	Information	Financial activities	Professional and business services	Education and health services	Leisure and hospitality	Other services	Public Administration
Total	97.1	123.3	104.8	166.9	107.9	90.5	123.5	49.5	75.1	36.8	103.5	103.4	88.8	--
Nature of injury, illness:														
Fractures	10.5	15.6	9.8	29.0	10.9	9.2	10.6	--	10.7	6.2	11.6	7.6	--	--
Sprains, strains, tears	35.2	36.8	44.9	55.9	28.6	34.8	45.9	15.7	31.1	8.0	46.0	30.0	55.1	--
Amputations	.8	3.0	--	--	4.4	.2	.5	--	--	--	--	--	--	--
Bruise, contusions	8.9	7.0	9.6	6.9	6.9	9.4	13.7	6.0	--	6.6	11.7	8.0	--	--
Chemical burns and corrosions	.3	--	--	--	--	.3	.9	--	--	--	--	--	--	--
Heat (thermal) burns	.9	1.2	--	--	1.2	.9	.9	--	--	--	.9	3.0	--	--
Soreness, pain	12.8	10.7	--	11.8	11.0	13.4	17.7	4.0	7.8	4.9	14.8	21.9	16.2	--
Cuts, lacerations, punctures	10.4	18.0	13.4	25.2	15.6	8.4	13.2	13.5	12.4	2.4	3.0	21.9	--	--
Cuts, lacerations	9.2	16.7	13.4	23.6	14.4	7.3	11.8	--	12.4	1.3	2.4	21.5	--	--
Punctures (except gunshot wounds)	1.1	1.2	--	--	1.2	1.1	1.4	11.6	--	1.1	.6	--	--	--
Carpal tunnel syndrome	.9	3.7	--	--	5.5	.2	.5	--	--	--	--	--	--	--
Tendonitis	.2	.5	--	--	.6	.1	--	--	--	--	.4	--	--	--
Multiple traumatic injuries	2.2	5.9	--	17.5	1.8	1.3	1.9	--	--	.6	1.8	.9	--	--
With sprains and other injuries	.6	.3	--	--	.4	.7	.9	--	--	--	1.0	.7	--	--
With fractures and other injuries	1.1	5.1	--	17.4	.8	.1	.2	--	--	--	.2	--	--	--
Part of body affected:														
Head	9.4	12.8	7.6	17.0	11.5	8.5	13.6	3.0	9.4	3.2	9.6	5.5	--	--
Eye	2.2	4.3	--	2.4	5.2	1.7	4.2	--	--	1.4	.5	.7	--	--
Neck	1.2	1.2	--	3.2	.5	1.2	1.7	--	--	--	2.5	--	--	--
Trunk	22.3	23.5	30.9	34.3	18.5	22.0	25.8	8.1	21.2	11.0	32.1	17.4	8.7	--
Back	13.8	14.2	24.1	23.9	9.5	13.7	18.2	4.5	2.3	5.8	22.2	12.3	--	--
Upper extremities	34.9	54.2	36.9	66.3	51.0	30.1	44.6	5.8	29.7	8.3	26.6	38.4	60.1	--
Shoulder	9.8	9.6	7.6	10.9	9.2	9.9	13.9	--	8.9	2.1	8.1	5.1	51.2	--
Arm	5.3	6.7	--	10.8	5.5	5.0	8.2	3.3	4.5	.7	5.0	4.5	7.8	--
Wrist	4.5	6.2	--	--	8.6	4.0	4.1	--	9.5	2.1	4.5	4.7	--	--
Hand	13.5	28.9	25.2	38.4	25.5	9.6	15.5	--	6.5	2.9	6.8	23.8	--	--
Lower extremities	19.8	23.0	21.5	28.6	20.9	19.0	27.0	24.9	12.2	8.5	18.8	28.7	9.9	--
Knee	8.4	9.3	10.1	12.0	8.1	8.2	10.2	7.0	10.1	2.2	7.9	17.8	--	--
Ankle	4.6	4.1	4.3	2.8	4.6	4.7	6.6	6.2	--	4.7	4.3	4.8	--	--
Foot	3.5	5.0	3.1	8.1	3.9	3.2	5.8	--	--	1.1	3.2	3.0	--	--
Toe, toenail	.6	1.0	--	--	1.0	.5	1.0	--	--	--	.3	1.3	--	--
Body systems	1.2	.7	--	--	.8	1.3	.9	--	--	.4	2.5	2.6	--	--
Multiple	7.2	7.2	--	17.0	3.8	7.1	7.7	6.1	--	5.0	10.8	7.9	--	--
Source of injury, illness:														
Chemical, chemical products	.8	1.0	--	--	1.4	.8	1.3	--	--	.3	1.1	--	--	--
Containers	10.0	7.9	6.6	7.3	8.2	10.5	22.2	--	--	4.9	4.2	21.5	--	--
Furniture, fixtures	4.5	1.8	--	--	2.1	5.2	3.8	--	18.8	.7	7.2	4.0	--	--
Machinery	6.0	16.5	21.9	8.6	19.2	3.4	6.6	--	--	3.1	1.5	4.1	--	--
Parts and materials	7.6	18.9	9.1	21.8	18.6	4.7	12.4	6.0	--	.7	1.0	1.1	13.5	--
Person, injured or ill worker	14.0	19.5	11.4	18.1	20.8	12.6	20.7	8.6	21.4	5.4	9.5	11.2	--	--
Worker motion or position	13.4	19.3	9.4	18.1	20.6	11.9	20.0	8.2	21.3	5.1	9.1	7.5	--	--
Person, other than injured or ill workers	7.5	3.1	--	--	.7	8.6	.4	--	--	--	31.5	--	--	--
Health care patient	6.1	--	--	--	--	7.6	--	--	--	--	28.8	--	--	--
Floors, walkways, ground surfaces	18.1	12.4	15.0	15.2	11.0	19.5	19.9	4.9	12.0	9.4	25.9	37.7	11.7	--
Ladder	2.2	4.3	--	10.8	2.0	1.7	2.4	4.5	--	3.0	.5	--	--	--
Handtools	5.4	10.4	2.9	18.9	7.8	4.1	3.0	--	--	.8	1.4	8.3	27.4	--
Vehicles	9.1	12.8	4.6	32.7	5.7	8.2	18.8	3.9	--	3.3	6.9	2.3	--	--

Table 7. Incidence rates¹ nonfatal occupational injuries and illnesses involving days away from work² per 10,000 full-time workers for selected characteristics and major industry sector, private industry, Pennsylvania, 2016

Characteristic	Private industry ^{2,3,4}	Goods producing				Service providing								
		Total goods producing	Natural resources and mining ^{2,3}	Construction	Manufacturing	Total service providing	Trade, transportation and utilities ⁴	Information	Financial activities	Professional and business services	Education and health services	Leisure and hospitality	Other services	Public Administration
Trucks	3.2	8.3	--	28.1	1.2	1.9	5.8	--	--	1.0	--	--	--	--
Cart, dolly, hand truck - nonpowered	1.1	.7	--	--	1.0	1.1	2.4	--	--	--	1.0	1.1	--	--
Event or exposure:														
Violence and other injuries by persons or animal	3.9	3.2	--	--	.8	4.1	.4	12.0	--	1.9	12.2	.8	--	--
Intentional injury by other person	2.4	--	--	--	--	2.3	--	--	--	--	8.3	--	--	--
Injury by person - unintentional or intent unknown	.9	--	--	--	--	1.0	.2	--	--	--	3.2	--	--	--
Animal and insect related incidents	.7	--	--	--	--	.8	--	--	--	1.8	.7	--	--	--
Transportation incidents	4.2	2.4	--	4.8	1.7	4.6	8.8	3.1	--	2.4	5.4	.8	--	--
Roadway incidents involving motorized land vehicles	3.3	.9	--	2.8	.3	3.9	7.3	3.1	--	1.8	5.3	--	--	--
Fires and explosions	.2	--	--	--	--	.2	.5	--	--	--	--	--	--	--
Falls, slips, trips	26.3	24.0	24.1	38.8	18.1	26.9	29.5	7.2	26.3	14.5	30.6	41.6	28.5	--
Slips, trips without fall	2.6	3.3	3.6	3.3	3.3	2.4	4.1	--	--	.9	2.7	2.4	--	--
Fall on same level	16.6	10.2	10.3	11.2	9.8	18.3	18.2	--	10.9	9.4	21.7	35.2	28.5	--
Fall to lower level	6.4	9.5	4.4	23.1	4.6	5.7	5.5	--	14.7	4.3	6.0	3.6	--	--
Exposure to harmful substances or environments	2.9	4.0	--	4.0	4.2	2.6	3.3	--	--	.7	3.9	3.8	--	--
Contact with object, equipment	25.2	47.3	44.5	58.6	43.1	19.6	34.4	5.6	16.1	7.0	13.1	35.5	--	--
Struck by object or equipment	14.1	23.1	13.1	37.5	18.4	11.8	20.7	3.0	6.4	4.0	7.1	27.7	--	--
Struck against object or equipment	6.9	10.4	23.1	11.6	8.8	5.9	9.7	--	9.7	2.1	4.5	6.4	--	--
Caught in or compressed by object or equipment	3.4	11.4	7.4	7.6	13.3	1.4	2.7	--	--	.9	1.3	1.0	--	--
Overexertion and bodily reaction	34.1	41.9	34.7	50.1	39.3	32.1	46.3	16.7	31.3	10.0	37.9	20.8	49.0	--
Repetitive motion involving microtasks	2.4	6.7	--	3.2	8.7	1.3	3.1	--	--	.6	.6	.9	--	--
Overexertion in lifting or lowering	9.2	9.4	14.4	11.0	8.3	9.1	16.4	--	--	2.5	10.1	8.3	10.8	--

¹ Incidence rates represent the number of injuries and illnesses per 10,000 full-time workers and were calculated as: (N/EH) x 20,000,000 where

N = number of injuries and illnesses
 EH = total hours worked by all employees during calendar year
 20,000,000 = base for 10,000 equivalent full-time workers (working 40 hours per week, 50 weeks per year).

² Days-away-from-work cases include those that result in days away from work with or without job transfer or restriction.

³ Excludes farms with fewer than 11 employees.

⁴ Data for mining (Sector 21 in the North American Industry Classification System) include establishments not governed by the Mine Safety and Health Administration (MSHA) rules and reporting, such as those in oil and gas extraction and related support activities. Data for mining operators in coal, metal, and nonmetal mining are provided to BLS by the Mine Safety and Health Administration, U.S. Department of Labor. Independent mining contractors are excluded from the coal, metal, and nonmetal mining industries. These data do not reflect 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.

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

NOTE: Dashes indicate data that are not available. Because of rounding and data exclusion of nonclassifiable responses, data may not sum to the totals.

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 8. Percent distribution of nonfatal occupational injuries and illnesses involving days away from work¹ by selected worker characteristics and number of days away from work, private industry, Pennsylvania, 2016

Characteristic	Percent of cases involving								Median days away from work
	Total cases	1 day	2 days	3 to 5 days	6 to 10 days	11 to 20 days	21 to 30 days	31 days or more	
Total	100.0	14.4	9.9	15.6	11.1	11.8	7.2	30.2	10
Gender:									
Male	100.0	13.2	8.9	15.7	11.0	12.0	7.4	31.8	11
Female	100.0	16.5	11.5	15.5	11.2	11.3	6.8	27.2	8
Age:									
14 - 15	--	--	--	--	--	--	--	--	--
16 - 19	100.0	20.4	21.2	12.4	8.8	11.5	5.3	19.5	4
20 - 24	100.0	22.3	9.8	25.5	11.4	10.1	4.5	16.4	5
25 - 34	100.0	19.6	15.1	18.3	10.1	9.9	8.2	18.7	5
35 - 44	100.0	15.8	11.8	15.6	8.6	10.1	5.9	32.2	10
45 - 54	100.0	11.7	5.5	13.1	10.8	18.0	8.7	32.2	15
55 - 64	100.0	7.7	7.3	12.1	14.8	8.7	6.5	43.1	20
65 and over	100.0	12.2	5.4	15.0	9.5	12.9	9.5	34.7	15
Length of service with employer:									
Less than 3 months	100.0	12.7	12.2	27.1	12.9	6.1	7.2	21.8	5
3 - 11 months	100.0	21.2	11.4	14.1	9.5	12.6	5.7	25.5	7
1 - 5 years	100.0	13.1	10.7	14.5	9.4	11.6	5.5	35.2	13
5 years or more	100.0	13.3	7.7	13.8	12.8	13.3	9.4	29.8	12
Race or ethnic origin ² :									
White	100.0	13.7	11.5	15.5	11.1	11.8	7.4	28.9	9
Hispanic or Latino	100.0	13.7	6.6	21.4	14.3	13.2	4.9	25.8	8
Black or African American	100.0	12.4	7.1	15.6	14.7	16.9	5.8	27.1	11
Asian	100.0	69.2	--	--	--	5.1	--	17.9	1
American Indian or Alaska Native	100.0	85.7	--	--	--	--	--	--	1
Native Hawaiian or Other Pacific Islander	--	--	--	--	--	--	--	--	--
Multi-race	--	--	--	--	--	--	--	--	--
Hispanic and other	--	--	--	--	--	--	--	--	--

Table 8. Percent distribution of nonfatal occupational injuries and illnesses involving days away from work¹ by selected worker characteristics and number of days away from work, private industry, Pennsylvania, 2016

Characteristic	Percent of cases involving								Median days away from work
	Total cases	1 day	2 days	3 to 5 days	6 to 10 days	11 to 20 days	21 to 30 days	31 days or more	

¹ Days-away-from-work cases include those that result in days away from work with or without job transfer or restriction.

² Race and ethnicity data do not add to total. Some cases may be counted as both Multi-race and "Hispanic and other" race.

NOTE: Dashes indicate data that are not available. Because of rounding and data exclusion of nonclassifiable responses, data may not sum to the totals.

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 9. Percent distribution of nonfatal occupational injuries and illnesses involving days away from work¹ by major occupational group and number of days away from work, private industry, Pennsylvania, 2016

Occupation	Percent of cases involving								Median days away from work
	Total cases	1 day	2 days	3 to 5 days	6 to 10 days	11 to 20 days	21 to 30 days	31 days or more	
Total	100.0	14.4	9.9	15.6	11.1	11.8	7.2	30.2	10
Management occupations	100.0	20.8	12.5	16.7	12.5	16.7	4.2	18.1	6
Business and financial operations occupations	100.0	--	--	26.7	26.7	13.3	--	--	6
Computer and mathematical occupations	100.0	--	--	--	--	--	--	--	3
Architecture and engineering occupations	100.0	--	--	--	--	--	--	50.0	13
Life, physical, and social science occupations	--	--	--	--	--	--	--	--	--
Community and social service occupations	100.0	26.8	26.8	9.8	4.9	7.3	7.3	22.0	2
Legal occupations	--	--	--	--	--	--	--	--	--
Education, training, and library occupations	100.0	--	10.5	21.1	15.8	--	--	42.1	10
Arts, design, entertainment, sports, and media occupations	100.0	--	--	64.3	--	14.3	--	14.3	3
Healthcare practitioners and technical occupations	100.0	16.6	12.6	12.1	16.2	10.5	7.7	23.9	9
Healthcare support occupations	100.0	17.1	14.5	20.1	7.8	13.0	4.5	23.0	5
Protective service occupations	100.0	13.8	20.7	20.7	10.3	--	10.3	20.7	5
Food preparation and serving related occupations	100.0	19.7	21.4	14.1	10.7	9.0	4.1	20.7	3
Building and grounds cleaning and maintenance occupations	100.0	10.8	20.8	16.5	13.2	12.3	2.8	23.1	6
Personal care and service occupations	100.0	12.7	10.8	12.7	11.4	7.8	4.8	40.4	14
Sales and related occupations	100.0	8.2	10.0	17.6	14.7	14.7	4.1	30.0	10
Office and administrative support occupations	100.0	23.5	7.5	14.1	9.4	14.4	8.8	22.3	8
Farming, fishing, and forestry occupations	100.0	30.8	--	34.6	7.7	11.5	--	--	3
Construction and extraction occupations	100.0	11.5	4.3	19.0	14.9	10.1	8.7	31.0	10
Installation, maintenance, and repair occupations	100.0	12.1	5.1	18.1	9.0	10.9	5.6	39.4	15
Production occupations	100.0	14.9	7.6	12.3	7.2	17.5	6.4	34.4	15
Transportation and material moving occupations	100.0	10.8	6.3	13.6	11.9	9.6	11.9	36.1	19

¹ Days-away-from-work cases include those that result in days away from work with or without job transfer or restriction.

NOTE: Dashes indicate data that are not available. Because of rounding and data exclusion of nonclassifiable responses, data may not sum to the totals.

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 10. Percent distribution of nonfatal occupational injuries and illnesses involving days away from work¹ by selected occupations and number of days away from work, private industry, Pennsylvania, 2016

Occupation	Percent of cases involving								Median days away from work
	Total cases	1 day	2 days	3 to 5 days	6 to 10 days	11 to 20 days	21 to 30 days	31 days or more	
Total	100.0	14.4	9.9	15.6	11.1	11.8	7.2	30.2	10
Laborers and freight, stock, and material movers, hand	100.0	12.3	8.0	14.3	10.0	12.0	11.0	32.0	14
Nursing assistants	100.0	17.7	16.7	21.0	7.5	13.4	3.2	19.9	4
Heavy and tractor-trailer truck drivers	100.0	5.1	8.6	16.6	15.4	8.6	9.1	36.6	15
Construction laborers	100.0	6.1	6.8	35.4	2.7	13.6	18.4	17.0	10
Maintenance and repair workers, general	100.0	13.1	4.6	10.8	10.8	3.1	5.4	52.3	43
Stock clerks and order fillers	100.0	16.1	9.8	13.4	10.7	15.2	5.4	29.5	11
Registered nurses	100.0	16.2	13.1	13.1	13.1	14.1	8.1	22.2	8
Personal care aides	100.0	8.5	15.9	18.3	14.6	11.0	7.3	24.4	7
Carpenters	100.0	--	--	--	15.9	4.9	4.9	67.1	44
Retail salespersons	100.0	10.7	17.3	9.3	14.7	14.7	2.7	30.7	8
Light truck or delivery services drivers	100.0	16.2	2.7	4.1	2.7	4.1	33.8	36.5	26
Food preparation workers	100.0	50.7	8.5	11.3	7.0	4.2	7.0	14.1	1
Janitors and cleaners, except maids and housekeeping cleaners	100.0	13.8	10.8	15.4	10.8	9.2	6.2	32.3	10
Automotive service technicians and mechanics	100.0	12.7	6.3	50.8	4.8	4.8	--	17.5	3
Landscaping and groundskeeping workers	100.0	9.7	41.9	17.7	11.3	11.3	--	6.5	2
Maids and housekeeping cleaners	100.0	13.1	8.2	19.7	23.0	8.2	3.3	23.0	7
Combined food preparation and serving workers, including fast food	100.0	5.5	30.9	18.2	16.4	12.7	--	12.7	3
First-line supervisors of production and operating workers	100.0	23.1	7.7	--	--	50.0	7.7	5.8	18
Hairdressers, hairstylists, and cosmetologists	100.0	--	--	--	--	--	--	100.0	180
Tellers	100.0	--	--	--	--	--	--	--	1
Plumbers, pipefitters, and steamfitters	100.0	64.9	--	10.8	--	5.4	--	13.5	1
Cooks, institution and cafeteria	100.0	--	79.4	--	5.9	--	--	--	2
Packaging and filling machine operators and tenders	100.0	14.7	8.8	14.7	5.9	8.8	11.8	35.3	17
Cooks, restaurant	100.0	14.7	23.5	29.4	--	5.9	--	23.5	3
Cashiers	100.0	9.1	--	15.2	6.1	12.1	12.1	42.4	26
Driver/sales workers	100.0	18.2	--	18.2	9.1	12.1	--	42.4	14

¹ Days-away-from-work cases include those that result in days away from work with or without job transfer or restriction.

NOTE: Dashes indicate data that are not available. Because of rounding and data exclusion of nonclassifiable responses, data may not sum to the totals.

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 11. Percent distribution of nonfatal occupational injuries and illnesses involving days away from work¹ by major industry sector and number of days away from work, private industry, Pennsylvania, 2016

Industry Sector	Percent of cases involving								Median days away from work
	Total cases	1 day	2 days	3 to 5 days	6 to 10 days	11 to 20 days	21 to 30 days	31 days or more	
Private Industry ^{2,3,4}	100.0	14.4	9.9	15.6	11.1	11.8	7.2	30.2	10
Goods producing	100.0	15.1	7.3	17.6	10.1	11.0	8.2	30.7	10
Natural resources and mining ^{2,3}	100.0	20.8	3.8	20.8	5.7	9.4	5.7	32.1	10
Construction	100.0	14.9	5.2	23.1	10.3	10.6	10.3	25.3	9
Manufacturing	100.0	14.7	8.9	13.9	10.4	11.3	7.1	33.8	13
Service providing	100.0	14.1	10.7	14.9	11.4	12.0	6.8	30.0	10
Trade transportation and utilities	100.0	11.3	7.4	16.0	11.4	12.5	7.6	34.0	15
Information	100.0	8.6	--	34.3	--	11.4	--	31.4	6
Financial activities	100.0	21.8	3.2	--	4.1	5.5	11.8	51.8	43
Professional and business services	100.0	8.9	18.6	21.3	10.5	15.5	7.0	18.6	6
Educational and health services	100.0	16.6	12.8	15.6	15.1	10.6	6.5	22.7	7
Leisure and hospitality	100.0	19.3	19.6	13.7	11.5	10.2	3.4	22.4	5
Other services except public administration	100.0	8.1	--	8.1	--	26.6	--	50.0	36

¹ Days-away-from-work cases include those that result in days away from work with or without job transfer or restriction.

² Excludes farms with fewer than 11 employees.

³ Data for mining (Sector 21 in the North American Industry Classification System) include establishments not governed by the Mine Safety and Health Administration (MSHA) rules and reporting, such as those in oil and gas extraction and related support activities. Data for mining operators in coal, metal, and nonmetal mining are provided to BLS by the Mine Safety and Health Administration, U.S. Department of Labor. Independent mining contractors are excluded from the coal, metal, and nonmetal mining industries. These data do not reflect 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.

⁴ Data for employers in rail transportation are provided to BLS by the Federal Railroad Administration, U.S. Department of Transportation. 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.

NOTE: Dashes indicate data that are not available. Because of rounding and data exclusion of nonclassifiable responses, data may not sum to the totals.

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 12. Number of nonfatal occupational injuries and illnesses involving days away from work¹ by time, hours on the job, and day of week and major industry sector, private industry, Pennsylvania, 2016

Characteristic	Private industry ^{2,3,4}	Goods producing				Service providing								
		Total goods producing	Natural resources and mining ^{2,3}	Construction	Manufacturing	Total service providing	Trade, transportation and utilities ⁴	Information	Financial activities	Professional and business services	Education and health services	Leisure and hospitality	Other services	Public Administration
Total	40,100	10,250	530	3,680	6,040	29,850	11,280	350	2,200	2,580	8,980	3,220	1,240	--
Time of event:														
12:01 AM - 4:00 AM	1,650	500	40	60	400	1,150	560	40	--	80	370	100	--	--
4:01 AM - 8:00 AM	4,510	1,790	60	940	790	2,720	1,260	--	--	180	900	170	140	--
8:01 AM - 12:00 PM	11,740	2,900	140	930	1,840	8,840	3,600	70	1,190	760	2,570	580	--	--
12:01 PM - 4:00 PM	8,730	2,280	150	1,020	1,100	6,450	2,490	160	590	520	1,960	460	270	--
4:01 PM - 8:00 PM	4,030	670	40	130	500	3,370	1,220	20	--	210	1,220	550	100	--
8:01 PM - 12:00 AM	2,120	390	20	--	350	1,730	720	--	--	100	600	290	--	--
Not reported	7,320	1,730	90	580	1,070	5,580	1,430	40	330	720	1,360	1,070	640	--
Hours on the job before event occurred:														
Occurred before shift began	320	50	--	--	50	270	30	--	--	--	140	60	--	--
Less than 1 hour	3,350	710	20	240	450	2,650	1,020	--	110	150	860	340	150	--
1 - 2 hours	4,670	1,440	20	770	650	3,230	1,430	30	320	120	1,030	300	--	--
2 - 4 hours	8,660	1,870	50	610	1,210	6,790	2,830	60	500	770	1,990	580	--	--
4 - 6 hours	6,290	1,540	30	390	1,120	4,750	1,750	150	560	280	1,560	350	100	--
6 - 8 hours	5,480	1,670	50	660	960	3,810	1,510	40	280	230	1,270	250	240	--
8 - 10 hours	2,270	850	90	390	370	1,420	630	--	--	180	430	110	--	--
10 - 12 hours	820	180	--	--	140	640	280	--	--	40	220	70	--	--
12 - 16 hours	270	20	--	--	20	250	90	--	--	30	100	20	--	--
More than 16 hours	20	--	--	--	--	20	--	--	--	--	--	--	--	--
Not reported	7,950	1,930	290	580	1,070	6,020	1,700	40	340	780	1,370	1,150	640	--
Day of week:														
Sunday	2,860	310	--	70	230	2,560	660	--	--	80	710	700	380	--
Monday	6,970	1,970	80	550	1,340	5,000	1,750	50	340	510	1,440	730	180	--
Tuesday	7,280	1,910	90	650	1,170	5,370	1,790	140	680	370	1,720	320	340	--
Wednesday	7,220	1,910	80	600	1,220	5,310	1,880	40	310	670	1,920	400	100	--
Thursday	6,900	2,080	100	910	1,080	4,820	2,040	70	570	580	1,140	320	100	--
Friday	6,310	1,660	110	790	760	4,660	2,280	40	280	290	1,270	370	130	--
Saturday	2,560	430	60	110	250	2,130	880	--	--	90	780	380	--	--

¹ Days-away-from-work cases include those that result in days away from work with or without job transfer or restriction.

² Excludes farms with fewer than 11 employees.

³ Data for mining (Sector 21 in the North American Industry Classification System) include establishments not governed by the Mine Safety and Health Administration (MSHA) rules and reporting, such as those in oil and gas extraction and related support activities. Data for mining operators in coal, metal, and nonmetal mining are provided to BLS by the Mine Safety and Health Administration, U.S. Department of Labor. Independent mining contractors are excluded from the coal, metal, and nonmetal mining industries. These data do not reflect 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.

⁴ Data for employers in rail transportation are provided to BLS by the Federal Railroad Administration, U.S. Department of Transportation. 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.

NOTE: Dashes indicate data that are not available. Because of rounding and data exclusion of nonclassifiable responses, data may not sum to the totals.

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 13. Percent Distribution of nonfatal occupational injuries and illnesses involving days away from work¹ by time, hours on the job, and day of week and major industry sector, private industry, Pennsylvania, 2016

Characteristic	Private industry ^{2,3,4}	Goods producing				Service providing									
		Total goods producing	Natural resources and mining ^{2,3}	Construction	Manufacturing	Total service providing	Trade, transportation and utilities ⁴	Information	Financial activities	Professional and business services	Education and health services	Leisure and hospitality	Other services	Public Administration	
Total	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	--
Time of event:															
12:01 AM - 4:00 AM	4.1	4.9	7.5	1.6	6.6	3.9	5.0	11.4	--	3.1	4.1	3.1	--	--	
4:01 AM - 8:00 AM	11.2	17.5	11.3	25.5	13.1	9.1	11.2	--	--	7.0	10.0	5.3	11.3	--	
8:01 AM - 12:00 PM	29.3	28.3	26.4	25.3	30.5	29.6	31.9	20.0	54.1	29.5	28.6	18.0	--	--	
12:01 PM - 4:00 PM	21.8	22.2	28.3	27.7	18.2	21.6	22.1	45.7	26.8	20.2	21.8	14.3	21.8	--	
4:01 PM - 8:00 PM	10.0	6.5	7.5	3.5	8.3	11.3	10.8	5.7	--	8.1	13.6	17.1	8.1	--	
8:01 PM - 12:00 AM	5.3	3.8	3.8	--	5.8	5.8	6.4	--	--	3.9	6.7	9.0	--	--	
Not reported	18.3	16.9	17.0	15.8	17.7	18.7	12.7	11.4	15.0	27.9	15.1	33.2	51.6	--	
Hours on the job before event occurred:															
Occurred before shift began	.8	.5	--	--	.8	.9	.3	--	--	--	1.6	1.9	--	--	
Less than 1 hour	8.4	6.9	3.8	6.5	7.5	8.9	9.0	--	5.0	5.8	9.6	10.6	12.1	--	
1 - 2 hours	11.6	14.0	3.8	20.9	10.8	10.8	12.7	8.6	14.5	4.7	11.5	9.3	--	--	
2 - 4 hours	21.6	18.2	9.4	16.6	20.0	22.7	25.1	17.1	22.7	29.8	22.2	18.0	--	--	
4 - 6 hours	15.7	15.0	5.7	10.6	18.5	15.9	15.5	42.9	25.5	10.9	17.4	10.9	8.1	--	
6 - 8 hours	13.7	16.3	9.4	17.9	15.9	12.8	13.4	11.4	12.7	8.9	14.1	7.8	19.4	--	
8 - 10 hours	5.7	8.3	17.0	10.6	6.1	4.8	5.6	--	--	7.0	4.8	3.4	--	--	
10 - 12 hours	2.0	1.8	--	--	2.3	2.1	2.5	--	--	1.6	2.4	2.2	--	--	
12 - 16 hours	.7	.2	--	--	.3	.8	.8	--	--	1.2	1.1	.6	--	--	
More than 16 hours	--	--	--	--	--	.1	--	--	--	--	--	--	--	--	
Not reported	19.8	18.8	54.7	15.8	17.7	20.2	15.1	11.4	15.5	30.2	15.3	35.7	51.6	--	
Day of week:															
Sunday	7.1	3.0	--	1.9	3.8	8.6	5.9	--	--	3.1	7.9	21.7	30.6	--	
Monday	17.4	19.2	15.1	14.9	22.2	16.8	15.5	14.3	15.5	19.8	16.0	22.7	14.5	--	
Tuesday	18.2	18.6	17.0	17.7	19.4	18.0	15.9	40.0	30.9	14.3	19.2	9.9	27.4	--	
Wednesday	18.0	18.6	15.1	16.3	20.2	17.8	16.7	11.4	14.1	26.0	21.4	12.4	8.1	--	
Thursday	17.2	20.3	18.9	24.7	17.9	16.1	18.1	20.0	25.9	22.5	12.7	9.9	8.1	--	
Friday	15.7	16.2	20.8	21.5	12.6	15.6	20.2	11.4	12.7	11.2	14.1	11.5	10.5	--	
Saturday	6.4	4.2	11.3	3.0	4.1	7.1	7.8	--	--	3.5	8.7	11.8	--	--	

¹ Days-away-from-work cases include those that result in days away from work with or without job transfer or restriction.

² Excludes farms with fewer than 11 employees.

³ Data for mining (Sector 21 in the North American Industry Classification System) include establishments not governed by the Mine Safety and Health Administration (MSHA) rules and reporting, such as those in oil and gas extraction and related support activities. Data for mining operators in coal, metal, and nonmetal mining are provided to BLS by the Mine Safety and Health Administration, U.S. Department of Labor. Independent mining contractors are excluded from the coal, metal, and nonmetal mining industries. These data do not reflect 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.

⁴ Data for employers in rail transportation are provided to BLS by the Federal Railroad Administration, U.S. Department of Transportation. 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.

NOTE: Dashes indicate data that are not available. Because of rounding and data exclusion of nonclassifiable responses, data may not sum to the totals.

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 14. Percent distribution of nonfatal occupational injuries and illnesses involving days away from work¹ by time, hours on the job, and day of week and number of days away from work, private industry, Pennsylvania, 2016

Characteristic	Percent of cases involving								Median days away from work
	Total cases	1 day	2 days	3 to 5 days	6 to 10 days	11 to 20 days	21 to 30 days	31 days or more	
Total	100.0	14.4	9.9	15.6	11.1	11.8	7.2	30.2	10
Time of event:									
12:01AM - 4:00AM	100.0	11.5	10.3	13.3	12.1	14.5	4.2	34.5	11
4:01AM - 8:00AM	100.0	11.5	10.6	23.1	10.4	8.6	5.8	29.9	7
8:01AM - 12noon	100.0	15.9	11.3	15.5	10.1	12.8	5.1	29.1	9
12:01PM - 4:00PM	100.0	15.6	7.2	17.0	8.4	12.3	13.2	26.5	12
4:01PM - 8:00PM	100.0	15.6	11.4	18.6	17.1	9.7	3.7	23.8	6
8:01PM - 12midnight	100.0	15.6	11.3	15.1	9.9	8.5	7.5	32.1	9
Time not reported	100.0	11.7	8.7	8.6	13.0	13.0	6.6	38.3	15
Hours on the job before event occurred:									
Before shift began	100.0	9.4	9.4	12.5	25.0	9.4	6.3	31.3	9
Less than 1 hour	100.0	13.1	12.5	15.8	14.0	15.2	4.5	25.1	9
1 - 2 hours	100.0	13.9	7.1	24.6	10.3	7.7	5.4	31.3	7
2 - 4 hours	100.0	18.1	12.7	16.5	11.9	12.4	5.4	23.1	7
4 - 6 hours	100.0	12.9	8.9	18.0	7.2	10.2	10.2	32.8	12
6 - 8 hours	100.0	18.1	8.8	14.8	10.4	12.8	7.3	28.3	9
8 - 10 hours	100.0	11.5	10.1	14.5	9.3	13.2	16.3	25.6	12
10 - 12 hours	100.0	12.2	9.8	14.6	17.1	8.5	4.9	34.1	10
12 - 16 hours	100.0	14.8	11.1	14.8	--	--	--	48.1	19
More than 16 hours	100.0	--	--	--	--	--	--	--	16
Hours not reported	100.0	11.1	8.9	8.6	12.7	13.0	6.7	39.1	16
Day of week:									
Sunday	100.0	16.8	6.6	14.3	14.3	7.3	2.4	38.1	10
Monday	100.0	12.6	12.2	14.8	9.0	10.3	9.3	31.7	12
Tuesday	100.0	12.0	8.2	14.4	10.3	16.1	9.2	29.8	13
Wednesday	100.0	14.3	11.2	17.2	14.4	9.1	8.4	25.2	8
Thursday	100.0	17.4	9.0	12.6	7.4	12.3	4.9	36.5	12
Friday	100.0	13.3	6.5	20.6	12.4	13.6	6.2	27.4	9
Saturday	100.0	18.4	18.4	13.7	12.1	9.8	5.5	22.3	5

Table 14. Percent distribution of nonfatal occupational injuries and illnesses involving days away from work¹ by time, hours on the job, and day of week and number of days away from work, private industry, Pennsylvania, 2016

Characteristic	Percent of cases involving								Median days away from work
	Total cases	1 day	2 days	3 to 5 days	6 to 10 days	11 to 20 days	21 to 30 days	31 days or more	

¹ Days-away-from-work cases include those that result in days away from work with or without job transfer or restriction.

NOTE: Dashes indicate data that are not available. Because of rounding and data exclusion of nonclassifiable responses, data may not sum to the totals.

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 15. Incidence rates ¹ for nonfatal occupational injuries and illnesses involving days away from work ² per 10,000 full-time workers by selected worker characteristics, major occupational group, and selected parts of body, private industry, Pennsylvania, 2016

Characteristic	Private industry	Part of body affected by the injury or illness ³															Body systems	Multiple parts	All other body parts
		Head		Neck	Trunk		Upper extremities					Lower extremities							
		Total	Eyes		Total	Back	Total	Shoulder	Arm	Hand	Wrist	Total	Knee	Ankle	Foot				
Total	97.1	9.4	2.2	1.2	22.3	13.8	34.9	9.8	5.3	13.5	4.5	19.8	8.4	4.6	3.5	1.2	7.2	1.1	
Gender:																			
Male	110.3	9.6	3.3	.9	27.1	14.8	42.2	10.4	5.6	19.1	4.8	22.3	9.6	4.9	4.1	.8	6.4	.9	
Female	80.7	9.1	.8	1.6	16.3	12.5	25.9	9.0	5.0	6.5	4.1	16.6	6.8	4.3	2.8	1.7	8.2	1.4	
Age:																			
14 - 15	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
16 - 19	112.0	15.5	2.5	--	15.3	13.7	55.4	6.7	8.9	36.5	3.1	17.2	3.5	9.3	3.5	3.9	4.2	--	
20 - 24	89.5	12.4	4.3	.5	17.1	11.6	34.9	6.5	2.5	22.5	3.0	17.5	4.1	3.9	5.8	2.0	4.7	--	
25 - 34	86.9	11.5	3.5	1.8	20.9	14.8	30.4	6.6	4.1	14.5	4.2	13.9	6.7	3.4	2.2	1.0	5.3	2.0	
35 - 44	91.6	10.5	2.7	1.1	17.8	13.8	33.2	10.9	5.1	12.7	2.3	18.7	6.4	3.7	5.0	1.1	8.0	1.2	
45 - 54	106.6	6.7	.8	.7	24.8	17.8	37.2	13.8	6.2	12.5	3.2	24.6	10.5	6.2	3.6	1.0	10.1	1.5	
55 - 64	113.0	6.8	1.0	1.9	31.3	11.2	39.7	10.3	7.9	8.7	9.1	25.4	13.0	6.1	2.3	1.1	6.4	.5	
65 and over	71.6	8.2	.9	--	15.2	6.5	23.6	9.9	2.0	5.0	5.4	14.2	8.6	--	3.0	--	9.3	--	
Major occupational group:																			
Management occupations	33.4	4.7	--	--	2.7	1.4	8.9	1.1	1.4	1.7	2.2	12.0	4.0	1.6	2.3	2.5	2.0	--	
Business and financial operations occupations	6.8	--	--	--	2.5	2.1	1.2	--	--	--	--	2.0	--	--	--	--	--	--	
Computer and mathematical occupations	1.9	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
Architecture and engineering occupations	4.7	--	--	--	--	--	--	--	--	--	--	1.8	--	--	--	--	--	--	
Life, physical, and social science occupations	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
Community and social service occupations	57.1	9.5	--	--	12.4	10.7	9.3	--	2.4	2.5	--	17.5	2.1	2.9	--	--	6.1	--	
Legal occupations	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
Education, training, and library occupations	20.3	10.4	--	--	3.9	2.5	--	--	--	--	--	3.8	--	--	--	--	--	--	
Arts, design, entertainment, sports, and media occupations	33.5	5.4	--	--	19.2	16.6	--	--	--	--	--	6.8	--	--	--	--	--	--	
Healthcare practitioners and technical occupations	75.0	6.4	--	1.5	19.5	15.6	23.1	6.6	6.1	5.9	1.6	15.7	7.6	3.2	2.8	1.7	6.9	--	
Healthcare support occupations	182.7	9.2	--	8.3	60.5	47.0	54.6	16.1	10.3	11.5	13.8	25.4	12.4	6.2	3.9	1.9	22.2	--	
Protective service occupations	68.6	6.9	--	--	9.1	5.3	14.8	4.0	--	6.7	--	19.0	9.4	--	--	--	15.9	--	
Food preparation and serving related occupations	89.9	5.4	--	--	13.1	7.8	43.1	5.8	5.1	27.7	3.9	17.9	11.9	2.6	1.5	2.1	5.9	2.3	
Building and grounds cleaning and maintenance occupations	185.8	12.9	3.8	--	69.9	40.1	40.9	8.8	10.1	7.3	13.1	33.2	13.8	6.6	10.8	2.1	24.1	2.1	
Personal care and service occupations	100.0	6.2	--	2.0	25.1	23.6	35.6	27.7	2.7	1.8	2.8	19.5	9.7	5.4	1.2	3.2	7.6	--	
Sales and related occupations	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
Office and administrative support occupations	46.5	8.3	.3	--	7.2	5.5	17.0	5.2	5.2	4.5	1.5	9.4	2.3	2.0	3.6	.4	3.0	1.1	
Farming, fishing, and forestry occupations	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
Construction and extraction occupations	219.5	20.2	2.0	3.1	56.0	25.8	88.5	13.5	11.0	42.9	16.1	32.1	13.8	3.2	8.0	--	18.9	--	
Installation, maintenance, and repair occupations	205.5	19.0	9.7	1.0	54.7	19.5	78.4	27.5	9.5	33.3	4.0	41.1	24.4	4.0	4.0	1.4	9.9	--	
Production occupations	135.5	14.9	7.4	.6	20.1	10.6	68.6	10.3	7.6	37.0	11.0	25.1	7.6	9.8	3.6	1.0	4.8	--	
Transportation and material moving occupations	204.0	17.3	6.3	3.4	49.6	30.8	65.3	27.3	8.9	17.8	7.0	48.0	17.9	14.2	8.4	.9	16.2	3.3	

¹ Incidence rates represent the number of injuries and illnesses per 10,000 full-time workers and were calculated as: (N/EH) x 20,000,000 where

N = number of injuries and illnesses
 EH = total hours worked by all employees during calendar year
 20,000,000 = base for 10,000 equivalent full-time workers (working 40 hours per week, 50 weeks per year).

² Days-away-from-work cases include those that result in days away from work with or without job transfer or restriction.

³ Based on the Occupational Injury and Illness Classification System 2.01 developed by the U.S. Bureau of Labor Statistics.

NOTE: Dashes indicate data that are not available. Because of rounding and data exclusion of nonclassifiable responses, data may not sum to the totals.

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 16. Incidence rates ¹ for nonfatal occupational injuries and illnesses involving days away from work ² per 10,000 full-time workers by selected worker characteristics, major occupational group, and selected natures of injury or illness, private industry, Pennsylvania, 2016

Characteristic	Private industry	Nature of injury or illness ³															
		Sprains, strains	Fractures	Cuts, lacerations, punctures			Bruises	Heat burns	Chemical burns	Amputations	Carpal tunnel syndrome	Tendonitis	Multiple traumatic injuries			Soreness Pain	All other natures
				Total	Cuts, lacerations	Punctures							Total	with fractures	with sprains		
Total	97.1	35.2	10.5	10.4	9.2	1.1	8.9	.9	.3	.8	.9	.2	2.2	1.1	.6	12.8	14.0
Gender:																	
Male	110.3	37.8	13.5	14.2	12.7	1.4	8.3	.9	.4	1.2	1.1	.2	3.0	1.9	.5	12.7	17.1
Female	80.7	31.8	6.8	5.7	5.0	.7	9.7	.9	.2	.2	.6	.3	1.3	.2	.7	13.0	10.2
Age:																	
14 - 15	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
16 - 19	112.0	33.6	7.3	16.1	15.4	--	7.9	4.5	--	--	--	--	1.6	--	--	5.0	27.8
20 - 24	89.5	18.5	6.8	13.8	11.5	2.3	11.0	2.2	--	.4	--	--	9.8	8.8	--	10.9	16.0
25 - 34	86.9	28.7	4.8	16.3	15.0	1.2	10.2	.9	--	.7	.4	.3	1.2	--	.8	12.1	11.3
35 - 44	91.6	36.1	5.0	10.4	9.3	1.1	7.3	.9	.5	.2	.3	--	.5	--	.3	16.3	13.9
45 - 54	106.6	46.0	12.5	7.1	6.4	.6	8.6	.3	--	1.3	.8	.2	1.6	.3	.6	14.4	13.7
55 - 64	113.0	42.8	22.4	5.3	4.1	1.2	8.4	.6	.6	.4	2.8	--	1.9	.5	.9	11.3	16.5
65 and over	71.6	19.6	13.7	6.7	6.7	--	9.5	--	--	--	.9	1.0	1.7	--	--	10.1	7.8
Major occupational group:																	
Management occupations	33.4	5.1	7.4	1.0	1.0	--	3.0	--	--	--	--	--	--	--	--	9.0	6.9
Business and financial operations occupations	6.8	1.2	.8	--	--	--	--	--	--	--	--	--	--	--	--	2.4	1.2
Computer and mathematical occupations	1.9	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Architecture and engineering occupations	4.7	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Life, physical, and social science occupations	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Community and social service occupations	57.1	17.7	2.2	--	--	--	10.9	--	--	--	--	--	--	--	--	17.3	6.8
Legal occupations	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Education, training, and library occupations	20.3	4.0	3.6	--	--	--	--	--	--	--	--	--	--	--	--	2.5	9.0
Arts, design, entertainment, sports, and media occupations	33.5	4.9	4.6	--	--	--	--	--	--	--	--	--	--	--	--	--	19.3
Healthcare practitioners and technical occupations	75.0	35.5	8.2	2.9	1.3	1.6	8.3	.8	--	--	--	--	1.3	--	1.2	8.7	9.2
Healthcare support occupations	182.7	89.4	7.8	4.9	--	4.3	24.3	--	--	--	--	--	2.6	--	1.7	34.8	17.9
Protective service occupations	68.6	23.8	6.7	--	--	--	6.6	--	--	--	--	--	--	--	--	13.3	15.1
Food preparation and serving related occupations	89.9	19.9	6.5	25.4	24.9	--	6.6	4.8	--	--	--	--	.7	--	.5	18.4	7.2
Building and grounds cleaning and maintenance occupations	185.8	70.0	7.1	6.8	6.3	--	37.2	--	1.4	--	--	--	2.6	--	1.3	30.7	27.7
Personal care and service occupations	100.0	62.1	4.3	--	--	--	6.3	--	--	--	--	--	1.5	--	--	14.2	10.3
Sales and related occupations	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Office and administrative support occupations	46.5	15.8	3.6	7.5	7.3	--	6.1	--	--	--	--	--	.5	--	.4	8.3	4.3
Farming, fishing, and forestry occupations	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Construction and extraction occupations	219.5	56.9	69.9	28.7	26.4	2.3	6.8	--	--	--	--	--	20.6	20.2	--	11.2	24.3
Installation, maintenance, and repair occupations	205.5	85.8	15.9	33.0	25.4	7.7	8.0	3.3	2.4	.7	--	--	2.4	--	--	21.8	32.0
Production occupations	135.5	30.8	17.4	24.4	23.3	1.1	8.5	2.7	--	4.4	7.9	.4	1.1	--	.5	12.9	24.9
Transportation and material moving occupations	204.0	81.0	17.7	9.1	7.6	1.5	25.3	--	.9	3.1	1.1	.6	3.3	1.5	.8	25.1	36.5

¹ Incidence rates represent the number of injuries and illnesses per 10,000 full-time workers and were calculated as: (N/EH) x 20,000,000 where

N = number of injuries and illnesses
 EH = total hours worked by all employees during calendar year
 20,000,000 = base for 10,000 equivalent full-time workers (working 40 hours per week, 50 weeks per year).

² Days-away-from-work cases include those that result in days away from work with or without job transfer or restriction.

³ Based on the Occupational Injury and Illness Classification System 2.01 developed by the U.S. Bureau of Labor Statistics.

NOTE: Dashes indicate data that are not available. Because of rounding and data exclusion of nonclassifiable responses, data may not sum to the totals.

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 17. Incidence rates ¹ for nonfatal occupational injuries and illnesses involving days away from work ² per 10,000 full-time workers by selected worker characteristics, major occupational group, and selected sources of injury or illness, private industry, Pennsylvania, 2016

Characteristic	Private industry	Source of injury or illness ³												
		Chemicals and chemical products	Containers	Furniture and fixtures	Machinery	Parts and materials	Person, other than worker	Health care patient	Person, injured or ill worker	Worker motion or position	Floors, walkways, or ground surfaces	Handtools	Vehicles	All other sources
Total	97.1	.8	10.0	4.5	6.0	7.6	7.5	6.1	14.0	13.4	18.1	5.4	9.1	11.9
Gender:														
Male	110.3	.9	12.4	3.4	8.6	12.5	3.3	1.9	17.0	16.5	15.9	7.2	11.6	13.7
Female	80.7	.6	7.1	5.9	2.9	1.4	12.7	11.4	10.3	9.5	20.9	3.1	5.8	9.6
Age:														
14 - 15	--	--	--	--	--	--	--	--	--	--	--	--	--	--
16 - 19	112.0	--	11.9	9.6	19.1	9.9	3.0	3.0	6.2	5.0	23.7	3.4	5.3	17.7
20 - 24	89.5	.6	11.8	2.9	8.2	8.4	6.9	6.1	8.3	7.6	10.1	7.2	13.9	11.1
25 - 34	86.9	.9	7.5	6.5	4.9	7.9	9.9	8.2	8.4	8.1	15.9	5.6	8.9	9.8
35 - 44	91.6	.8	11.7	4.6	4.5	6.5	9.6	6.3	12.9	12.1	12.7	7.7	8.9	11.0
45 - 54	106.6	.6	11.1	3.1	9.7	7.2	7.2	6.3	16.8	16.5	15.8	2.6	11.3	15.3
55 - 64	113.0	1.0	9.8	4.1	3.2	8.7	4.7	4.2	24.1	23.4	29.2	6.2	5.7	13.4
65 and over	71.6	--	6.2	3.2	.9	4.1	3.6	3.6	9.1	7.3	30.6	1.2	6.7	4.7
Major occupational group:														
Management occupations	33.4	--	2.9	--	1.6	1.1	2.6	1.9	2.5	2.5	14.0	--	2.3	5.3
Business and financial operations occupations	6.8	--	--	--	--	--	--	--	1.3	1.2	1.7	--	1.8	.7
Computer and mathematical occupations	1.9	--	--	--	--	--	--	--	--	--	--	--	--	--
Architecture and engineering occupations	4.7	--	--	--	--	--	--	--	--	--	1.9	--	--	--
Life, physical, and social science occupations	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Community and social service occupations	57.1	--	--	2.7	--	--	21.1	14.7	4.1	4.1	6.8	--	15.2	5.7
Legal occupations	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Education, training, and library occupations	20.3	--	--	--	--	--	6.4	2.7	--	--	3.8	--	--	7.8
Arts, design, entertainment, sports, and media occupations	33.5	--	--	--	--	--	3.7	--	20.0	20.0	--	--	--	--
Healthcare practitioners and technical occupations	75.0	.5	1.3	5.5	1.2	.7	24.7	24.1	6.7	6.3	17.0	.8	3.3	13.2
Healthcare support occupations	182.7	1.3	5.0	6.6	4.6	--	79.9	75.9	12.9	12.9	32.9	--	15.9	23.1
Protective service occupations	68.6	--	--	--	--	--	6.1	--	10.5	10.5	18.7	--	11.6	9.7
Food preparation and serving related occupations	89.9	--	22.8	3.2	5.1	.6	--	--	7.3	5.0	30.9	8.8	1.2	9.8
Building and grounds cleaning and maintenance occupations	185.8	3.8	18.9	15.7	11.2	6.0	--	--	37.5	32.2	50.6	4.3	10.4	24.7
Personal care and service occupations	100.0	--	4.8	6.2	--	--	28.1	23.8	8.0	7.3	16.9	23.5	2.7	8.5
Sales and related occupations	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Office and administrative support occupations	46.5	--	8.7	9.4	1.5	2.0	--	--	6.1	5.9	11.0	.5	3.9	2.3
Farming, fishing, and forestry occupations	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Construction and extraction occupations	219.5	.9	10.0	2.2	12.1	22.3	--	--	20.8	20.8	34.6	20.4	33.9	40.8
Installation, maintenance, and repair occupations	205.5	3.0	3.7	1.7	8.1	37.0	--	--	53.6	52.8	11.1	26.8	15.9	35.4
Production occupations	135.5	1.0	11.9	2.3	27.5	22.2	1.0	--	22.5	22.2	12.5	9.6	3.9	14.1
Transportation and material moving occupations	204.0	2.6	35.7	5.9	10.7	20.5	.7	--	31.4	30.8	36.5	2.9	36.4	17.2

Table 17. Incidence rates ¹ for nonfatal occupational injuries and illnesses involving days away from work ² per 10,000 full-time workers by selected worker characteristics, major occupational group, and selected sources of injury or illness, private industry, Pennsylvania, 2016

Characteristic	Private industry	Source of injury or illness ³												
		Chemicals and chemical products	Containers	Furniture and fixtures	Machinery	Parts and materials	Person, other than worker	Health care patient	Person, injured or ill worker	Worker motion or position	Floors, walkways, or ground surfaces	Handtools	Vehicles	All other sources

¹ Incidence rates represent the number of injuries and illnesses per 10,000 full-time workers and were calculated as: $(N/EH) \times 20,000,000$ where

- N = number of injuries and illnesses
- EH = total hours worked by all employees during calendar year
- 20,000,000 = base for 10,000 equivalent full-time workers (working 40 hours per week, 50 weeks per year).

² Days-away-from-work cases include those that result in days away from work with or without job transfer or restriction.

³ Based on the Occupational Injury and Illness Classification System 2.01 developed by the U.S. Bureau of Labor Statistics.

NOTE: Dashes indicate data that are not available. Because of rounding and data exclusion of nonclassifiable responses, data may not sum to the totals.

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 18. Incidence rates ¹ for nonfatal occupational injuries and illnesses involving days away from work ² per 10,000 full-time workers by selected worker characteristics, major occupational group, and selected events or exposures leading to injury or illness, private industry, Pennsylvania, 2016

Characteristic	Private industry	Event or exposure leading to injury or illness ³																			
		Contact with objects				Falls, slips, trips				Overexertion		Repetitive motion involving microtasks	Exposure to harmful substance or environment	Transportation accidents		Fires and explosions	Violence and other injuries by persons or animal				All other events
		Total	Struck by object	Struck against object	Caught in or compressed or crushed	Total	Fall to lower level	Fall on same level	Slips or trips without fall	Total	In lifting			Total	Roadway accidents		Total	Intentional injury by other person	Injury by person—unintentional or intent unknown	Animal and insect related incidents	
Total	97.1	25.2	14.1	6.9	3.4	26.3	6.4	16.6	2.6	34.1	9.2	2.4	2.9	4.2	3.3	.2	3.9	2.4	.9	.7	.3
Gender:																					
Male	110.3	33.0	19.3	7.3	5.0	26.9	9.7	13.7	2.9	39.7	11.9	2.5	2.8	4.4	3.3	.3	2.9	1.7	.7	.6	.3
Female	80.7	15.5	7.6	6.3	1.5	25.7	2.4	20.5	2.2	27.2	5.9	2.4	3.0	3.8	3.4	--	5.2	3.2	1.1	.9	.4
Age:																					
14 - 15	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
16 - 19	112.0	55.7	24.0	18.0	13.2	20.8	--	19.2	--	19.5	12.5	--	12.7	2.7	--	--	--	--	--	--	--
20 - 24	89.5	45.5	33.0	6.2	4.6	14.7	2.4	10.2	2.0	17.7	5.9	.4	4.1	2.9	1.2	--	3.7	2.8	.7	--	--
25 - 34	86.9	28.6	17.3	7.8	2.6	19.7	2.7	15.2	1.5	25.1	8.7	1.1	2.3	5.7	4.8	--	5.2	3.1	.9	1.2	--
35 - 44	91.6	24.4	14.0	5.7	3.5	17.4	2.9	10.7	3.0	34.7	7.8	3.1	3.0	5.0	4.3	.3	6.3	4.1	1.2	1.0	.5
45 - 54	106.6	21.4	8.6	8.7	3.7	32.2	9.7	17.7	3.1	43.1	12.7	2.9	2.6	3.9	3.1	--	2.8	1.5	1.0	.3	.5
55 - 64	113.0	15.2	7.4	4.5	2.6	41.9	14.3	23.5	3.8	47.9	9.5	4.2	2.2	2.7	2.1	--	2.5	1.2	.6	.7	.6
65 and over	71.6	10.5	5.2	4.2	1.0	33.7	4.5	27.7	.7	20.6	5.3	2.0	1.8	4.0	3.6	--	1.0	.8	--	--	--
Major occupational group:																					
Management occupations	33.4	5.7	1.6	2.1	1.4	17.1	1.5	13.5	2.0	4.1	1.7	--	2.6	1.2	1.0	--	2.7	2.1	--	--	--
Business and financial operations occupations	6.8	.8	.8	--	--	1.9	--	1.5	--	1.6	--	--	--	1.8	--	--	--	--	--	--	--
Computer and mathematical occupations	1.9	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Architecture and engineering occupations	4.7	--	--	--	--	1.8	--	1.8	--	2.0	--	--	--	--	--	--	--	--	--	--	--
Life, physical, and social science occupations	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Community and social service occupations	57.1	7.2	2.9	3.0	--	9.4	--	7.9	--	9.8	--	--	--	15.2	15.2	--	13.3	8.9	4.4	--	--
Legal occupations	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Education, training, and library occupations	20.3	8.4	7.9	--	--	4.3	--	3.7	--	3.1	2.1	--	--	--	--	--	4.4	2.1	2.1	--	--
Arts, design, entertainment, sports, and media occupations	33.5	3.7	--	--	--	5.9	--	--	--	20.1	--	--	--	--	--	--	--	--	--	--	--
Healthcare practitioners and technical occupations	75.0	9.3	5.1	2.5	1.5	19.3	1.0	16.7	1.6	30.6	5.5	.5	2.6	2.2	2.2	--	10.8	6.9	2.3	1.6	--
Healthcare support occupations	182.7	16.0	8.2	4.6	2.6	41.6	1.7	36.0	3.6	82.2	20.7	--	3.1	13.7	13.7	--	26.1	15.6	5.8	4.7	--
Protective service occupations	68.6	18.5	11.4	6.0	--	19.0	--	12.3	--	12.2	--	--	--	9.8	8.2	--	5.9	3.8	--	--	--
Food preparation and serving related occupations	89.9	35.9	28.6	6.3	.7	33.4	.7	30.8	1.6	14.4	6.4	1.3	5.4	.5	--	--	--	--	--	--	--
Building and grounds cleaning and maintenance occupations	185.8	28.7	17.5	9.0	1.8	64.2	6.9	51.3	5.9	73.4	21.1	2.9	9.4	4.5	3.6	--	4.7	--	--	3.7	--
Personal care and service occupations	100.0	10.3	4.3	5.1	--	20.0	4.1	14.3	1.5	54.2	8.1	--	2.4	2.4	2.1	--	10.5	7.5	2.8	--	--
Sales and related occupations	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Office and administrative support occupations	46.5	16.3	8.7	6.8	.6	14.7	3.8	9.6	1.1	13.8	6.1	2.6	.5	1.0	.3	--	--	--	--	--	--
Farming, fishing, and forestry occupations	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Construction and extraction occupations	219.5	70.7	45.2	14.9	9.9	74.2	56.9	12.3	3.5	56.3	9.7	3.8	4.0	2.4	--	--	11.8	--	--	--	--
Installation, maintenance, and repair occupations	205.5	51.0	35.9	8.8	3.6	39.3	10.1	21.0	6.9	92.7	17.1	3.2	7.9	7.6	5.5	1.9	3.9	--	--	3.9	1.3
Production occupations	135.5	56.0	20.7	16.5	15.4	25.2	10.3	11.6	2.7	45.8	8.7	10.8	5.7	.9	--	--	1.0	--	--	--	.9
Transportation and material moving occupations	204.0	49.5	25.7	13.0	8.3	52.2	11.0	30.1	7.3	79.8	30.5	4.3	3.4	16.9	14.4	.6	.7	--	.5	--	.9

¹ Incidence rates represent the number of injuries and illnesses per 10,000 full-time workers and were calculated as: (N/EH) x 20,000,000 where

N = number of injuries and illnesses
 EH = total hours worked by all employees during calendar year
 20,000,000 = base for 10,000 equivalent full-time workers (working 40 hours per week, 50 weeks per year).

² Days-away-from-work cases include those that result in days away from work with or without job transfer or restriction.

³ Based on the Occupational Injury and Illness Classification System 2.01 developed by the U.S. Bureau of Labor Statistics.

NOTE: Dashes indicate data that are not available. Because of rounding and data exclusion of nonclassifiable responses, data may not sum to the totals.

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