

Pennsylvania 2017 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, 2017

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	38,440	9,850	500	2,870	6,480	28,580	11,060	520	850	2,690	8,310	4,000	1,170	--
Gender:														
Male	24,600	8,570	470	2,830	5,280	16,030	7,560	450	540	1,720	2,230	2,590	930	--
Female	13,660	1,260	30	40	1,190	12,400	3,340	70	310	970	6,070	1,400	240	--
Age:														
14 to 15	--	--	--	--	--	--	--	--	--	--	--	--	--	--
16 to 19	880	130	--	--	120	760	260	--	--	--	110	290	--	--
20 to 24	3,650	1,030	70	300	670	2,620	760	70	70	290	640	420	380	--
25 to 34	8,500	2,090	160	630	1,310	6,410	1,840	160	220	470	2,060	1,500	150	--
35 to 44	7,570	1,930	90	680	1,170	5,640	2,680	90	100	390	1,630	470	280	--
45 to 54	8,360	2,490	60	770	1,660	5,880	2,540	--	140	760	1,690	610	100	--
55 to 64	7,570	1,800	100	490	1,210	5,760	2,470	60	220	520	1,760	520	220	--
65 and over	1,620	300	--	--	280	1,320	490	--	--	240	350	170	--	--
Length of service with employer:														
Less than 3 months	3,840	1,050	50	310	690	2,790	1,390	60	--	310	640	370	--	--
3 to 11 months	7,260	1,820	130	430	1,260	5,440	1,800	50	250	670	1,500	680	490	--
1 to 5 years	12,540	3,190	150	1,120	1,920	9,350	3,360	200	240	780	3,190	1,360	220	--
More than 5 years	14,550	3,760	160	1,010	2,590	10,790	4,340	200	360	920	2,950	1,590	440	--
Race or ethnic origin ⁵ :														
White only	19,330	6,220	70	2,260	3,900	13,110	5,300	210	260	1,020	3,900	1,510	910	--
Black only	2,020	180	--	--	170	1,840	420	--	40	240	1,050	90	--	--
Hispanic or Latino only	1,820	780	50	160	570	1,030	360	--	70	110	230	210	--	--
Asian only	220	50	--	--	50	170	100	--	--	--	40	--	--	--
Native Hawaiian or other Pacific Islander only	20	--	--	--	--	20	--	--	--	--	--	--	--	--
American Indian or Alaskan Native only	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Hispanic or Latino and other race	70	--	--	--	--	70	--	--	--	--	--	--	--	--
Multi-race	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Not reported	14,930	2,600	380	440	1,790	12,330	4,870	280	480	1,300	3,070	2,120	210	--

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, December 06, 2018

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, 2017

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	64.0	87.0	94.0	98.6	81.5	56.1	68.4	86.5	63.5	63.9	26.8	64.8	79.5	--	
Female	35.5	12.8	6.0	1.4	18.4	43.4	30.2	13.5	36.5	36.1	73.0	35.0	20.5	--	
Age:															
14 to 15	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
16 to 19	2.3	1.3	--	--	1.9	2.7	2.4	--	--	--	1.3	7.3	--	--	
20 to 24	9.5	10.5	14.0	10.5	10.3	9.2	6.9	13.5	8.2	10.8	7.7	10.5	32.5	--	
25 to 34	22.1	21.2	32.0	22.0	20.2	22.4	16.6	30.8	25.9	17.5	24.8	37.5	12.8	--	
35 to 44	19.7	19.6	18.0	23.7	18.1	19.7	24.2	17.3	11.8	14.5	19.6	11.8	23.9	--	
45 to 54	21.7	25.3	12.0	26.8	25.6	20.6	23.0	--	16.5	28.3	20.3	15.3	8.5	--	
55 to 64	19.7	18.3	20.0	17.1	18.7	20.2	22.3	11.5	25.9	19.3	21.2	13.0	18.8	--	
65 and over	4.2	3.0	--	--	4.3	4.6	4.4	--	--	8.9	4.2	4.3	--	--	
Length of service with employer:															
Less than 3 months	10.0	10.7	10.0	10.8	10.6	9.8	12.6	11.5	--	11.5	7.7	9.3	--	--	
3 to 11 months	18.9	18.5	26.0	15.0	19.4	19.0	16.3	9.6	29.4	24.9	18.1	17.0	41.9	--	
1 to 5 years	32.6	32.4	30.0	39.0	29.6	32.7	30.4	38.5	28.2	29.0	38.4	34.0	18.8	--	
More than 5 years	37.9	38.2	32.0	35.2	40.0	37.8	39.2	38.5	42.4	34.2	35.5	39.8	37.6	--	
Race or ethnic origin ⁵ :															
White only	50.3	63.1	14.0	78.7	60.2	45.9	47.9	40.4	30.6	37.9	46.9	37.8	77.8	--	
Black only	5.3	1.8	--	--	2.6	6.4	3.8	--	4.7	8.9	12.6	2.3	--	--	
Hispanic or Latino only	4.7	7.9	10.0	5.6	8.8	3.6	3.3	--	8.2	4.1	2.8	5.3	--	--	
Asian only	.6	.5	--	--	.8	.6	.9	--	--	--	.5	--	--	--	
Native Hawaiian or other Pacific Islander only	.1	--	--	--	--	.1	--	--	--	--	--	--	--	--	
American Indian or Alaskan Native only	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
Hispanic or Latino and other race	.2	--	--	--	--	.2	--	--	--	--	--	--	--	--	
Multi-race	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
Not reported	38.8	26.4	76.0	15.3	27.6	43.1	44.0	53.8	56.5	48.3	36.9	53.0	17.9	--	

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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.

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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, 2017

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	38,440	9,850	500	2,870	6,480	28,580	11,060	520	850	2,690	8,310	4,000	1,170	--
Management occupations	890	60	--	50	--	820	100	--	30	50	300	280	--	--
Business and financial operations occupations	150	--	--	--	--	150	50	--	50	--	30	--	--	--
Computer and mathematical occupations	20	--	--	--	--	--	--	--	--	--	--	--	--	--
Architecture and engineering occupations	80	30	--	--	20	50	--	--	40	--	--	--	--	--
Life, physical, and social science occupations	170	100	--	--	100	70	--	--	30	20	--	--	--	--
Community and social service occupations	380	--	--	--	--	370	--	--	--	370	--	--	--	--
Legal occupations	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Education, training, and library occupations	260	--	--	--	--	260	--	--	--	240	--	--	--	--
Arts, design, entertainment, sports, and media occupations	1,280	--	--	--	--	1,270	20	--	--	--	1,220	--	--	--
Healthcare practitioners and technical occupations	2,420	--	--	--	--	2,410	30	--	--	50	2,320	--	--	--
Healthcare support occupations	2,560	--	--	--	--	2,560	140	--	--	--	2,420	--	--	--
Protective service occupations	290	--	--	--	--	280	30	--	--	100	70	50	--	--
Food preparation and serving related occupations	1,920	--	--	--	--	1,910	310	--	--	--	290	1,280	--	--
Building and grounds cleaning and maintenance occupations	2,100	120	--	--	90	1,990	30	--	180	900	490	330	--	--
Personal care and service occupations	1,280	--	--	--	--	1,280	30	--	--	--	940	220	70	--
Sales and related occupations	2,160	--	--	--	--	2,150	1,840	80	--	80	30	60	--	--
Office and administrative support occupations	2,550	220	--	--	210	2,330	1,350	--	160	330	370	100	--	--
Farming, fishing, and forestry occupations	140	140	140	--	--	--	--	--	--	--	--	--	--	--
Construction and extraction occupations	2,850	2,650	190	2,210	250	210	40	--	--	--	90	70	--	--
Installation, maintenance, and repair occupations	3,600	1,050	40	440	570	2,550	1,180	300	260	240	190	150	220	--
Production occupations	4,590	3,790	20	--	3,760	800	280	--	--	330	40	60	90	--
Transportation and material moving occupations	8,740	1,630	80	120	1,420	7,110	5,640	--	150	470	90	130	610	--

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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, 2017

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	38,440	9,850	500	2,870	6,480	28,580	11,060	520	850	2,690	8,310	4,000	1,170	--
Laborers and freight, stock, and material movers, hand	2,940	920	20	--	890	2,020	1,790	--	--	120	--	--	--	--
Heavy and tractor-trailer truck drivers	2,490	340	--	120	210	2,150	1,990	--	--	90	--	--	70	--
Nursing assistants	1,430	--	--	--	--	1,430	--	--	--	--	1,430	--	--	--
Athletes and sports competitors	1,210	--	--	--	--	1,210	--	--	--	--	--	1,210	--	--
Maintenance and repair workers, general	1,200	340	--	--	300	860	80	--	220	220	160	130	--	--
Registered nurses	1,020	--	--	--	--	1,020	--	--	--	--	1,000	--	--	--
Retail salespersons	1,010	--	--	--	--	1,010	950	--	--	--	20	--	--	--
Stock clerks and order fillers	980	20	--	--	--	970	860	--	--	60	30	--	--	--
Construction laborers	960	960	--	880	80	--	--	--	--	--	--	--	--	--
Janitors and cleaners, except maids and housekeeping cleaners	820	110	--	--	80	700	30	--	--	360	160	90	--	--
Personal care aides	820	--	--	--	--	820	--	--	--	--	800	--	--	--
Driver/sales workers	720	20	--	--	20	700	530	--	--	--	--	100	--	--
Carpenters	650	630	--	580	40	20	--	--	--	--	20	--	--	--
First-line supervisors of retail sales workers	560	--	--	--	--	560	550	--	--	--	--	--	--	--
Light truck or delivery services drivers	560	50	--	--	50	500	310	--	80	--	20	--	100	--
Maids and housekeeping cleaners	530	--	--	--	--	530	--	--	110	20	290	100	--	--
Automotive service technicians and mechanics	520	--	--	--	--	520	500	--	--	--	--	--	--	--
Food preparation workers	470	--	--	--	--	450	290	--	--	--	--	160	--	--
Packaging and filling machine operators and tenders	420	240	--	--	240	180	--	--	--	170	--	--	--	--
Home health aides	410	--	--	--	--	410	--	--	--	--	410	--	--	--
Psychiatric technicians	390	--	--	--	--	390	--	--	--	--	390	--	--	--
Welders, cutters, solderers, and brazers	380	370	--	--	350	--	--	--	--	--	--	--	--	--
Automotive and watercraft service attendants	310	--	--	--	--	310	--	--	--	--	--	--	--	--
Industrial machinery mechanics	290	180	30	--	160	110	110	--	--	--	--	--	--	--
Licensed practical and licensed vocational nurses	280	--	--	--	--	280	--	--	--	--	280	--	--	--
Orderlies	280	--	--	--	--	280	140	--	--	--	150	--	--	--

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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, 2017

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	38,440	9,850	500	2,870	6,480	28,580	11,060	520	850	2,690	8,310	4,000	1,170	--
Nature of injury, illness:														
Fractures	4,870	1,870	130	1,020	730	3,000	1,110	--	80	520	660	580	60	--
Sprains, strains, tears	14,560	2,560	180	510	1,870	12,010	4,670	270	310	760	3,690	1,610	690	--
Amputations	280	240	20	40	180	40	20	--	--	--	--	--	--	--
Bruise, contusions	3,510	600	40	60	510	2,910	1,310	70	--	200	940	350	--	--
Chemical burns and corrosions	60	30	--	--	30	30	--	--	--	--	20	--	--	--
Heat (thermal) burns	450	240	--	--	230	210	30	--	--	--	60	110	--	--
Soreness, pain	4,980	970	20	450	500	4,010	1,410	80	220	430	1,450	260	160	--
Cuts, lacerations, punctures	3,230	1,250	30	320	900	1,980	830	--	--	180	400	390	150	--
Cuts, lacerations	2,700	1,140	20	310	810	1,560	730	--	--	120	210	360	150	--
Punctures (except gunshot wounds)	520	110	--	--	100	410	110	--	--	60	190	--	--	--
Carpal tunnel syndrome	300	180	--	50	130	120	50	--	30	--	--	--	--	--
Tendonitis	110	--	--	--	--	100	--	--	--	60	20	--	--	--
Multiple traumatic injuries	850	210	--	--	190	650	200	--	--	110	150	160	--	--
With sprains and other injuries	380	70	--	--	70	300	110	--	--	30	80	80	--	--
With fractures and other injuries	170	60	--	--	50	100	80	--	--	--	--	--	--	--
Part of body affected:														
Head	3,400	800	20	190	600	2,600	870	110	--	300	800	380	120	--
Eye	660	340	--	90	240	320	120	--	--	--	80	50	--	--
Neck	550	100	--	80	20	450	150	--	90	70	110	--	--	--
Trunk	8,710	2,030	100	850	1,080	6,680	2,960	40	180	650	2,100	620	130	--
Back	5,770	1,290	70	560	670	4,480	1,770	--	170	340	1,620	480	70	--
Upper extremities	11,650	3,980	240	790	2,960	7,670	3,070	80	280	750	2,040	1,240	210	--
Shoulder	3,130	870	70	200	610	2,250	860	--	90	290	630	290	70	--
Arm	1,700	560	30	140	390	1,140	500	--	--	110	390	100	--	--
Wrist	1,520	410	--	100	310	1,110	380	--	40	100	320	210	--	--
Hand	4,680	1,970	130	350	1,490	2,710	1,260	--	50	230	570	500	90	--
Lower extremities	10,340	2,330	110	860	1,370	8,010	3,130	170	150	610	2,090	1,220	630	--
Knee	3,960	650	50	180	430	3,310	1,170	60	80	230	930	450	400	--
Ankle	2,200	270	20	70	180	1,930	720	70	--	130	590	300	120	--
Foot	1,830	410	--	40	350	1,420	720	--	--	140	270	240	--	--
Toe, toenail	410	130	--	--	100	280	180	--	--	30	50	--	--	--
Body systems	340	40	--	--	30	300	70	--	--	40	80	110	--	--
Multiple	3,070	450	30	110	310	2,620	760	120	40	260	980	400	60	--
Source of injury, illness:														
Chemical, chemical products	330	130	--	--	100	200	70	--	--	30	80	--	--	--
Containers	4,270	790	20	80	680	3,480	2,190	--	90	480	410	290	--	--
Furniture, fixtures	1,400	190	--	40	150	1,210	540	--	70	60	390	80	--	--
Machinery	2,230	1,080	80	150	850	1,140	470	--	--	120	120	190	170	--
Parts and materials	2,860	1,670	30	350	1,280	1,200	690	--	70	90	130	140	80	--
Person, injured or ill worker	5,940	1,340	--	410	920	4,600	1,670	100	210	550	1,020	970	90	--
Worker motion or position	5,860	1,330	--	410	920	4,520	1,640	100	190	550	1,000	960	90	--
Person, other than injured or ill workers	4,170	--	--	--	--	4,160	100	--	--	100	3,220	730	--	--
Health care patient	2,980	--	--	--	--	2,980	--	--	--	30	2,930	--	--	--
Floors, walkways, ground surfaces	6,260	890	90	240	560	5,370	1,730	60	90	620	1,650	760	470	--
Ladder	1,240	650	--	540	90	590	250	100	80	50	80	30	--	--
Handtools	1,780	810	40	190	580	970	460	--	50	150	60	190	--	--
Vehicles	3,710	770	30	250	490	2,940	1,970	70	40	140	330	280	110	--

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, 2017

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	1,420	330	--	210	110	1,090	890	--	--	80	--	50	--	--
Cart, dolly, hand truck - nonpowered	540	70	--	--	60	480	190	--	--	20	130	130	--	--
Event or exposure:														
Violence and other injuries by persons or animal	2,780	90	--	--	20	2,690	90	--	70	100	1,580	760	60	--
Intentional injury by other person	1,030	--	--	--	--	1,030	60	--	--	40	910	--	--	--
Injury by person - unintentional or intent unknown	1,360	--	--	--	--	1,360	--	--	--	30	600	720	--	--
Animal and insect related incidents	390	90	--	--	20	300	20	--	70	30	70	--	60	--
Transportation incidents	1,790	420	--	170	240	1,370	860	60	--	70	170	140	--	--
Roadway incidents involving motorized land vehicles	1,090	180	--	100	70	920	580	50	--	40	150	60	--	--
Fires and explosions	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Falls, slips, trips	9,700	2,370	110	1,220	1,040	7,330	2,610	150	180	820	2,040	980	540	--
Slips, trips without fall	1,250	210	--	50	160	1,040	320	--	70	120	270	140	70	--
Fall on same level	5,800	790	80	150	560	5,010	1,630	50	80	580	1,530	670	460	--
Fall to lower level	2,530	1,330	30	1,010	290	1,200	610	50	30	120	210	160	--	--
Exposure to harmful substances or environments	1,030	380	--	40	330	650	130	--	--	60	200	240	--	--
Contact with object, equipment	9,270	3,450	180	590	2,690	5,820	2,690	90	130	730	1,040	790	340	--
Struck by object or equipment	5,100	1,800	80	390	1,330	3,300	1,540	--	130	430	440	600	150	--
Struck against object or equipment	2,280	650	40	100	520	1,630	710	--	--	150	480	170	90	--
Caught in or compressed by object or equipment	1,560	900	50	100	750	660	370	--	--	110	90	--	80	--
Overexertion and bodily reaction	13,590	3,070	140	820	2,120	10,520	4,560	160	440	880	3,220	1,090	170	--
Repetitive motion involving microtasks	800	440	--	90	350	360	110	--	40	80	80	30	--	--
Overexertion in lifting or lowering	3,960	970	40	230	700	2,990	1,550	--	160	230	850	160	--	--

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, December 06, 2018

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, 2017

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	12.7	19.0	26.0	35.5	11.3	10.5	10.0	--	9.4	19.3	7.9	14.5	5.1	--
Sprains, strains, tears	37.9	26.0	36.0	17.8	28.9	42.0	42.2	51.9	36.5	28.3	44.4	40.3	59.0	--
Amputations	.7	2.4	4.0	1.4	2.8	.1	.2	--	--	--	--	--	--	--
Bruise, contusions	9.1	6.1	8.0	2.1	7.9	10.2	11.8	13.5	--	7.4	11.3	8.8	--	--
Chemical burns and corrosions	.2	.3	--	--	.5	.1	--	--	--	--	.2	--	--	--
Heat (thermal) burns	1.2	2.4	--	--	3.5	.7	.3	--	--	--	.7	2.8	--	--
Soreness, pain	13.0	9.8	4.0	15.7	7.7	14.0	12.7	15.4	25.9	16.0	17.4	6.5	13.7	--
Cuts, lacerations, punctures	8.4	12.7	6.0	11.1	13.9	6.9	7.5	--	--	6.7	4.8	9.8	12.8	--
Cuts, lacerations	7.0	11.6	4.0	10.8	12.5	5.5	6.6	--	--	4.5	2.5	9.0	12.8	--
Punctures (except gunshot wounds)	1.4	1.1	--	--	1.5	1.4	1.0	--	--	2.2	2.3	--	--	--
Carpal tunnel syndrome	.8	1.8	--	1.7	2.0	.4	.5	--	3.5	--	--	--	--	--
Tendonitis	.3	--	--	--	--	.3	--	--	--	2.2	.2	--	--	--
Multiple traumatic injuries	2.2	2.1	--	--	2.9	2.3	1.8	--	--	4.1	1.8	4.0	--	--
With sprains and other injuries	1.0	.7	--	--	1.1	1.0	1.0	--	--	1.1	1.0	2.0	--	--
With fractures and other injuries	.4	.6	--	--	.8	.3	.7	--	--	--	--	--	--	--
Part of body affected:														
Head	8.8	8.1	4.0	6.6	9.3	9.1	7.9	21.2	--	11.2	9.6	9.5	10.3	--
Eye	1.7	3.5	--	3.1	3.7	1.1	1.1	--	--	--	1.0	1.3	--	--
Neck	1.4	1.0	--	2.8	.3	1.6	1.4	--	10.6	2.6	1.3	--	--	--
Trunk	22.7	20.6	20.0	29.6	16.7	23.4	26.8	7.7	21.2	24.2	25.3	15.5	11.1	--
Back	15.0	13.1	14.0	19.5	10.3	15.7	16.0	--	20.0	12.6	19.5	12.0	6.0	--
Upper extremities	30.3	40.4	48.0	27.5	45.7	26.8	27.8	15.4	32.9	27.9	24.5	31.0	17.9	--
Shoulder	8.1	8.8	14.0	7.0	9.4	7.9	7.8	--	10.6	10.8	7.6	7.3	6.0	--
Arm	4.4	5.7	6.0	4.9	6.0	4.0	4.5	--	--	4.1	4.7	2.5	--	--
Wrist	4.0	4.2	--	3.5	4.8	3.9	3.4	--	4.7	3.7	3.9	5.3	--	--
Hand	12.2	20.0	26.0	12.2	23.0	9.5	11.4	--	5.9	8.6	6.9	12.5	7.7	--
Lower extremities	26.9	23.7	22.0	30.0	21.1	28.0	28.3	32.7	17.6	22.7	25.2	30.5	53.8	--
Knee	10.3	6.6	10.0	6.3	6.6	11.6	10.6	11.5	9.4	8.6	11.2	11.3	34.2	--
Ankle	5.7	2.7	4.0	2.4	2.8	6.8	6.5	13.5	--	4.8	7.1	7.5	10.3	--
Foot	4.8	4.2	--	1.4	5.4	5.0	6.5	--	--	5.2	3.2	6.0	--	--
Toe, toenail	1.1	1.3	--	--	1.5	1.0	1.6	--	--	1.1	.6	--	--	--
Body systems	.9	.4	--	--	.5	1.0	.6	--	--	1.5	1.0	2.8	--	--
Multiple	8.0	4.6	6.0	3.8	4.8	9.2	6.9	23.1	4.7	9.7	11.8	10.0	5.1	--
Source of injury, illness:														
Chemical, chemical products	.9	1.3	--	--	1.5	.7	.6	--	--	1.1	1.0	--	--	--
Containers	11.1	8.0	4.0	2.8	10.5	12.2	19.8	--	10.6	17.8	4.9	7.3	--	--
Furniture, fixtures	3.6	1.9	--	1.4	2.3	4.2	4.9	--	8.2	2.2	4.7	2.0	--	--
Machinery	5.8	11.0	16.0	5.2	13.1	4.0	4.2	--	--	4.5	1.4	4.8	14.5	--
Parts and materials	7.4	17.0	6.0	12.2	19.8	4.2	6.2	--	8.2	3.3	1.6	3.5	6.8	--
Person, injured or ill worker	15.5	13.6	--	14.3	14.2	16.1	15.1	19.2	24.7	20.4	12.3	24.3	7.7	--
Worker motion or position	15.2	13.5	--	14.3	14.2	15.8	14.8	19.2	22.4	20.4	12.0	24.0	7.7	--
Person, other than injured or ill workers	10.8	--	--	--	--	14.6	.9	--	--	3.7	38.7	18.3	--	--
Health care patient	7.8	--	--	--	--	10.4	--	--	--	1.1	35.3	--	--	--
Floors, walkways, ground surfaces	16.3	9.0	18.0	8.4	8.6	18.8	15.6	11.5	10.6	23.0	19.9	19.0	40.2	--
Ladder	3.2	6.6	--	18.8	1.4	2.1	2.3	19.2	9.4	1.9	1.0	.8	--	--
Handtools	4.6	8.2	8.0	6.6	9.0	3.4	4.2	--	5.9	5.6	.7	4.8	--	--
Vehicles	9.7	7.8	6.0	8.7	7.6	10.3	17.8	13.5	4.7	5.2	4.0	7.0	9.4	--

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, 2017

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	3.7	3.4	--	7.3	1.7	3.8	8.0	--	--	3.0	--	1.3	--	--
Cart, dolly, hand truck - nonpowered	1.4	.7	--	--	.9	1.7	1.7	--	--	.7	1.6	3.3	--	--
Event or exposure:														
Violence and other injuries by persons or animal	7.2	.9	--	--	.3	9.4	.8	--	8.2	3.7	19.0	19.0	5.1	--
Intentional injury by other person	2.7	--	--	--	--	3.6	.5	--	--	1.5	11.0	--	--	--
Injury by person - unintentional or intent unknown	3.5	--	--	--	--	4.8	--	--	--	1.1	7.2	18.0	--	--
Animal and insect related incidents	1.0	.9	--	--	.3	1.0	.2	--	8.2	1.1	.8	--	5.1	--
Transportation incidents	4.7	4.3	--	5.9	3.7	4.8	7.8	11.5	--	2.6	2.0	3.5	--	--
Roadway incidents involving motorized land vehicles	2.8	1.8	--	3.5	1.1	3.2	5.2	9.6	--	1.5	1.8	1.5	--	--
Fires and explosions	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Falls, slips, trips	25.2	24.1	22.0	42.5	16.0	25.6	23.6	28.8	21.2	30.5	24.5	24.5	46.2	--
Slips, trips without fall	3.3	2.1	--	1.7	2.5	3.6	2.9	--	8.2	4.5	3.2	3.5	6.0	--
Fall on same level	15.1	8.0	16.0	5.2	8.6	17.5	14.7	9.6	9.4	21.6	18.4	16.8	39.3	--
Fall to lower level	6.6	13.5	6.0	35.2	4.5	4.2	5.5	9.6	3.5	4.5	2.5	4.0	--	--
Exposure to harmful substances or environments	2.7	3.9	--	1.4	5.1	2.3	1.2	--	--	2.2	2.4	6.0	--	--
Contact with object, equipment	24.1	35.0	36.0	20.6	41.5	20.4	24.3	17.3	15.3	27.1	12.5	19.8	29.1	--
Struck by object or equipment	13.3	18.3	16.0	13.6	20.5	11.5	13.9	--	15.3	16.0	5.3	15.0	12.8	--
Struck against object or equipment	5.9	6.6	8.0	3.5	8.0	5.7	6.4	--	--	5.6	5.8	4.3	7.7	--
Caught in or compressed by object or equipment	4.1	9.1	10.0	3.5	11.6	2.3	3.3	--	--	4.1	1.1	--	6.8	--
Overexertion and bodily reaction	35.4	31.2	28.0	28.6	32.7	36.8	41.2	30.8	51.8	32.7	38.7	27.3	14.5	--
Repetitive motion involving microtasks	2.1	4.5	--	3.1	5.4	1.3	1.0	--	4.7	3.0	1.0	.8	--	--
Overexertion in lifting or lowering	10.3	9.8	8.0	8.0	10.8	10.5	14.0	--	18.8	8.6	10.2	4.0	--	--

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, December 06, 2018

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, 2017

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	91.2	117.3	108.5	121.6	116.2	84.7	119.3	70.0	28.5	37.6	93.2	122.0	81.5	--
Nature of injury, illness:														
Fractures	11.6	22.3	27.7	43.0	13.0	8.9	11.9	--	2.6	7.3	7.4	17.8	4.2	--
Sprains, strains, tears	34.6	30.5	39.6	21.5	33.5	35.6	50.4	36.8	10.5	10.6	41.5	49.1	48.1	--
Amputations	.7	2.8	5.2	1.7	3.1	.1	.2	--	--	--	--	--	--	--
Bruise, contusions	8.3	7.2	7.8	2.4	9.1	8.6	14.1	9.6	--	2.7	10.5	10.8	--	--
Chemical burns and corrosions	.1	.4	--	--	.5	.1	--	--	--	--	.3	--	--	--
Heat (thermal) burns	1.1	2.8	--	--	4.1	.6	.3	--	--	--	.7	3.5	--	--
Soreness, pain	11.8	11.5	4.7	19.1	8.9	11.9	15.2	11.1	7.5	6.0	16.2	8.0	11.0	--
Cuts, lacerations, punctures	7.7	14.9	6.2	13.6	16.2	5.9	9.0	--	--	2.5	4.5	12.0	10.2	--
Cuts, lacerations	6.4	13.6	4.9	13.2	14.4	4.6	7.8	--	--	1.7	2.3	11.1	10.2	--
Punctures (except gunshot wounds)	1.2	1.3	--	--	1.7	1.2	1.2	--	--	.9	2.1	--	--	--
Carpal tunnel syndrome	.7	2.2	--	2.2	2.3	.3	.5	--	1.1	--	--	--	--	--
Tendonitis	.3	--	--	--	--	.3	--	--	--	.8	.2	--	--	--
Multiple traumatic injuries	2.0	2.5	--	--	3.3	1.9	2.1	--	--	1.6	1.7	4.7	--	--
With sprains and other injuries	.9	.9	--	--	1.3	.9	1.1	--	--	.4	.9	2.3	--	--
With fractures and other injuries	.4	.7	--	--	.9	.3	.8	--	--	--	--	--	--	--
Part of body affected:														
Head	8.1	9.5	3.7	7.9	10.7	7.7	9.4	15.0	--	4.2	9.0	11.6	8.4	--
Eye	1.6	4.0	--	3.6	4.4	.9	1.3	--	--	--	.9	1.5	--	--
Neck	1.3	1.2	--	3.4	.4	1.3	1.6	--	2.9	1.0	1.3	--	--	--
Trunk	20.7	24.2	22.0	36.0	19.4	19.8	31.9	5.9	6.0	9.1	23.6	19.0	8.9	--
Back	13.7	15.4	14.5	23.6	11.9	13.3	19.1	--	5.6	4.7	18.2	14.6	4.9	--
Upper extremities	27.7	47.4	52.2	33.2	53.0	22.7	33.2	10.5	9.4	10.5	22.9	37.8	14.7	--
Shoulder	7.4	10.4	14.4	8.3	10.9	6.7	9.3	--	3.1	4.1	7.1	8.7	4.8	--
Arm	4.0	6.7	6.8	5.8	7.1	3.4	5.4	--	--	1.6	4.4	3.1	--	--
Wrist	3.6	4.9	--	4.1	5.5	3.3	4.2	--	1.3	1.4	3.6	6.5	--	--
Hand	11.1	23.5	28.8	14.7	26.7	8.0	13.6	--	1.8	3.2	6.3	15.3	6.2	--
Lower extremities	24.5	27.8	22.9	36.2	24.6	23.7	33.8	22.6	5.1	8.6	23.5	37.3	44.0	--
Knee	9.4	7.7	10.0	7.4	7.7	9.8	12.7	8.2	2.6	3.2	10.4	13.6	28.0	--
Ankle	5.2	3.2	3.6	3.1	3.2	5.7	7.8	8.8	--	1.8	6.6	9.2	8.1	--
Foot	4.3	4.9	--	1.8	6.3	4.2	7.8	--	--	2.0	3.1	7.3	--	--
Toe, toenail	1.0	1.5	--	--	1.9	.8	1.9	--	--	.4	.6	--	--	--
Body systems	.8	.5	--	--	.6	.9	.7	--	--	.5	.9	3.3	--	--
Multiple	7.3	5.3	5.8	4.5	5.6	7.8	8.2	16.0	1.4	3.6	11.0	12.2	4.1	--
Source of injury, illness:														
Chemical, chemical products	.8	1.5	--	--	1.7	.6	.8	--	--	.4	.9	--	--	--
Containers	10.1	9.3	4.6	3.5	12.2	10.3	23.6	--	2.9	6.7	4.6	8.9	--	--
Furniture, fixtures	3.3	2.3	--	1.8	2.7	3.6	5.8	--	2.3	.9	4.4	2.5	--	--
Machinery	5.3	12.9	16.3	6.5	15.3	3.4	5.1	--	--	1.6	1.4	5.7	11.8	--
Parts and materials	6.8	19.8	6.3	15.0	23.0	3.5	7.5	--	2.2	1.3	1.5	4.2	5.4	--
Person, injured or ill worker	14.1	15.9	--	17.3	16.5	13.6	18.0	13.9	6.9	7.7	11.5	29.6	6.0	--
Worker motion or position	13.9	15.9	--	17.2	16.5	13.4	17.7	13.9	6.3	7.7	11.2	29.3	6.0	--
Person, other than injured or ill workers	9.9	--	--	--	--	12.3	1.1	--	--	1.4	36.2	22.3	--	--
Health care patient	7.1	--	--	--	--	8.8	--	--	--	.4	32.9	--	--	--
Floors, walkways, ground surfaces	14.8	10.6	19.4	10.1	10.0	15.9	18.7	7.7	3.0	8.7	18.5	23.2	32.4	--
Ladder	2.9	7.7	--	23.0	1.6	1.8	2.7	13.2	2.5	.7	.9	1.1	--	--
Handtools	4.2	9.7	9.1	8.0	10.4	2.9	5.0	--	1.8	2.1	.7	5.8	--	--
Vehicles	8.8	9.1	6.2	10.5	8.8	8.7	21.3	9.4	1.5	1.9	3.7	8.6	7.5	--

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, 2017

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	3.4	3.9	--	9.0	2.0	3.2	9.6	--	--	1.2	--	1.6	--	--
Cart, dolly, hand truck - nonpowered	1.3	.8	--	--	1.1	1.4	2.0	--	--	.3	1.4	4.0	--	--
Event or exposure:														
Violence and other injuries by persons or animal	6.6	1.0	--	--	.3	8.0	1.0	--	2.5	1.4	17.8	23.2	4.1	--
Intentional injury by other person	2.4	--	--	--	--	3.0	.6	--	--	.6	10.2	--	--	--
Injury by person - unintentional or intent unknown	3.2	--	--	--	--	4.0	--	--	--	.5	6.7	21.8	--	--
Animal and insect related incidents	.9	1.0	--	--	.3	.9	.2	--	2.5	.4	.8	--	4.1	--
Transportation incidents	4.2	5.0	--	7.1	4.3	4.1	9.3	8.1	--	1.0	2.0	4.3	--	--
Roadway incidents involving motorized land vehicles	2.6	2.1	--	4.0	1.3	2.7	6.2	6.6	--	.5	1.7	1.9	--	--
Fires and explosions	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Falls, slips, trips	23.0	28.2	23.3	51.8	18.6	21.7	28.2	19.7	6.1	11.5	22.9	29.9	38.0	--
Slips, trips without fall	3.0	2.5	--	2.1	2.9	3.1	3.4	--	2.3	1.7	3.1	4.4	5.0	--
Fall on same level	13.8	9.5	17.3	6.5	10.1	14.8	17.6	7.1	2.8	8.1	17.2	20.5	32.2	--
Fall to lower level	6.0	15.8	6.0	42.8	5.2	3.6	6.6	7.2	1.0	1.7	2.4	5.0	--	--
Exposure to harmful substances or environments	2.4	4.5	--	1.9	5.9	1.9	1.5	--	--	.9	2.2	7.2	--	--
Contact with object, equipment	22.0	41.1	38.7	24.9	48.2	17.2	29.1	12.8	4.5	10.2	11.7	24.0	23.4	--
Struck by object or equipment	12.1	21.4	17.8	16.6	23.8	9.8	16.6	--	4.5	6.0	4.9	18.4	10.4	--
Struck against object or equipment	5.4	7.8	8.7	4.1	9.2	4.8	7.7	--	--	2.1	5.4	5.2	6.0	--
Caught in or compressed by object or equipment	3.7	10.7	10.9	4.1	13.4	2.0	4.0	--	--	1.6	1.0	--	5.4	--
Overexertion and bodily reaction	32.3	36.6	30.2	34.5	38.0	31.2	49.2	21.8	14.7	12.4	36.1	33.2	12.1	--
Repetitive motion involving microtasks	1.9	5.3	--	3.9	6.2	1.1	1.2	--	1.3	1.1	.9	1.0	--	--
Overexertion in lifting or lowering	9.4	11.5	9.6	9.6	12.5	8.9	16.7	--	5.4	3.2	9.5	4.7	--	--

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, December 06, 2018

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, 2017

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	12.4	8.5	14.0	10.0	10.4	7.0	37.7	15
Gender:									
Male	100.0	11.5	7.0	11.9	9.5	11.0	7.6	41.5	20
Female	100.0	13.8	11.1	17.9	11.0	9.4	6.1	30.5	8
Age:									
14 - 15	--	--	--	--	--	--	--	--	--
16 - 19	100.0	23.9	9.1	25.0	11.4	14.8	--	15.9	5
20 - 24	100.0	15.3	16.7	16.7	13.2	6.8	7.4	23.8	6
25 - 34	100.0	13.3	7.2	15.6	8.4	12.1	7.8	35.5	14
35 - 44	100.0	13.5	7.3	14.0	7.5	13.5	7.9	36.5	16
45 - 54	100.0	12.0	8.6	13.0	10.4	8.7	5.3	42.0	16
55 - 64	100.0	8.6	7.4	10.8	12.3	9.2	8.3	43.2	24
65 and over	100.0	6.8	6.2	13.0	9.9	8.0	6.8	50.6	33
Length of service with employer:									
Less than 3 months	100.0	14.6	10.7	16.7	9.1	18.8	6.3	24.0	10
3 - 11 months	100.0	13.5	9.8	16.4	11.6	10.2	5.8	32.8	10
1 - 5 years	100.0	13.1	8.2	14.4	9.7	9.4	8.1	36.9	15
5 years or more	100.0	10.5	7.6	11.8	9.8	9.2	6.9	44.2	23
Race or ethnic origin ² :									
White	100.0	13.2	8.2	13.6	9.3	7.9	8.4	39.4	17
Hispanic or Latino	100.0	23.1	9.9	14.3	11.5	14.8	5.5	20.9	6
Black or African American	100.0	10.9	7.4	18.8	12.4	12.4	10.4	28.2	11
Asian	100.0	9.1	--	9.1	13.6	13.6	13.6	40.9	22
American Indian or Alaska Native	--	--	--	--	--	--	--	--	--
Native Hawaiian or Other Pacific Islander	100.0	--	--	--	--	--	--	--	10
Multi-race	--	--	--	--	--	--	--	--	--
Hispanic and other	100.0	--	--	100.0	--	--	--	--	5

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, 2017

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, December 06, 2018

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, 2017

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	12.4	8.5	14.0	10.0	10.4	7.0	37.7	15
Management occupations	100.0	18.0	9.0	14.6	7.9	13.5	9.0	28.1	11
Business and financial operations occupations	100.0	33.3	26.7	13.3	--	--	--	13.3	2
Computer and mathematical occupations	100.0	--	--	--	--	--	--	--	19
Architecture and engineering occupations	100.0	--	50.0	--	--	--	--	--	2
Life, physical, and social science occupations	100.0	--	17.6	--	--	--	--	64.7	180
Community and social service occupations	100.0	39.5	5.3	18.4	18.4	--	--	10.5	3
Legal occupations	--	--	--	--	--	--	--	--	--
Education, training, and library occupations	100.0	15.4	7.7	23.1	--	15.4	19.2	19.2	14
Arts, design, entertainment, sports, and media occupations	100.0	--	--	--	--	10.9	--	86.7	79
Healthcare practitioners and technical occupations	100.0	11.6	9.9	18.6	9.5	10.3	15.3	24.8	11
Healthcare support occupations	100.0	12.9	11.7	20.7	12.5	9.8	5.9	26.6	7
Protective service occupations	100.0	6.9	13.8	20.7	6.9	13.8	10.3	31.0	12
Food preparation and serving related occupations	100.0	10.4	13.0	17.2	14.1	7.8	5.7	32.3	7
Building and grounds cleaning and maintenance occupations	100.0	16.2	11.0	14.8	14.8	9.5	8.1	25.7	8
Personal care and service occupations	100.0	14.8	17.2	20.3	10.2	7.8	3.9	25.8	5
Sales and related occupations	100.0	17.6	4.6	11.6	11.6	11.1	9.3	33.3	16
Office and administrative support occupations	100.0	14.1	7.8	15.3	11.4	8.2	7.1	36.1	12
Farming, fishing, and forestry occupations	100.0	--	--	21.4	14.3	--	42.9	14.3	30
Construction and extraction occupations	100.0	4.2	5.3	10.5	7.7	7.7	4.2	60.4	41
Installation, maintenance, and repair occupations	100.0	13.1	9.4	15.3	13.6	10.8	4.4	33.1	10
Production occupations	100.0	16.1	10.9	17.9	8.5	9.8	7.0	29.8	8
Transportation and material moving occupations	100.0	9.7	4.9	9.6	8.5	13.4	7.1	46.8	26

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, December 06, 2018

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, 2017

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	12.4	8.5	14.0	10.0	10.4	7.0	37.7	15
Laborers and freight, stock, and material movers, hand	100.0	11.2	4.4	14.6	8.5	14.6	7.1	39.5	19
Heavy and tractor-trailer truck drivers	100.0	4.4	6.8	6.0	9.6	12.0	8.8	52.2	33
Nursing assistants	100.0	16.8	14.7	16.1	14.0	8.4	4.9	24.5	6
Athletes and sports competitors	100.0	--	--	--	--	10.7	--	89.3	79
Maintenance and repair workers, general	100.0	8.3	15.8	6.7	24.2	15.8	3.3	25.0	8
Registered nurses	100.0	7.8	14.7	20.6	11.8	12.7	3.9	29.4	8
Retail salespersons	100.0	20.8	4.0	10.9	12.9	10.9	13.9	25.7	12
Stock clerks and order fillers	100.0	14.3	10.2	22.4	9.2	7.1	3.1	32.7	7
Construction laborers	100.0	5.2	9.4	10.4	6.3	5.2	2.1	62.5	62
Janitors and cleaners, except maids and housekeeping cleaners	100.0	25.6	11.0	17.1	15.9	3.7	6.1	22.0	5
Personal care aides	100.0	13.4	15.9	15.9	12.2	8.5	--	31.7	7
Driver/sales workers	100.0	16.7	2.8	4.2	6.9	26.4	2.8	41.7	14
Carpenters	100.0	3.1	6.2	--	--	3.1	9.2	76.9	41
First-line supervisors of retail sales workers	100.0	17.9	5.4	3.6	8.9	5.4	7.1	51.8	40
Light truck or delivery services drivers	100.0	25.0	5.4	10.7	7.1	3.6	5.4	42.9	17
Maids and housekeeping cleaners	100.0	9.4	11.3	22.6	18.9	7.5	7.5	22.6	8
Automotive service technicians and mechanics	100.0	11.5	9.6	11.5	5.8	--	--	57.7	70
Food preparation workers	100.0	10.6	12.8	34.0	19.1	4.3	--	17.0	5
Packaging and filling machine operators and tenders	100.0	7.1	19.0	16.7	9.5	16.7	7.1	28.6	13
Home health aides	100.0	4.9	7.3	41.5	9.8	9.8	--	24.4	4
Psychiatric technicians	100.0	5.1	--	7.7	7.7	--	69.2	5.1	28
Welders, cutters, solderers, and brazers	100.0	5.3	15.8	10.5	5.3	7.9	23.7	34.2	23
Automotive and watercraft service attendants	100.0	--	--	--	--	--	--	--	100
Industrial machinery mechanics	100.0	13.8	--	37.9	17.2	--	6.9	17.2	3
Licensed practical and licensed vocational nurses	100.0	17.9	10.7	21.4	7.1	7.1	--	35.7	7
Orderlies	100.0	10.7	10.7	7.1	17.9	14.3	--	39.3	16

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, December 06, 2018

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, 2017

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	12.4	8.5	14.0	10.0	10.4	7.0	37.7	15
Goods producing	100.0	12.3	7.1	14.3	8.2	9.9	7.6	40.5	19
Natural resources and mining ^{2,3}	100.0	10.0	--	14.0	8.0	6.0	18.0	42.0	30
Construction	100.0	6.3	5.6	9.8	6.6	9.1	5.6	56.8	39
Manufacturing	100.0	15.1	8.2	16.4	8.8	10.6	7.7	33.0	13
Service providing	100.0	12.4	9.0	13.9	10.6	10.6	6.9	36.7	14
Trade transportation and utilities	100.0	11.9	6.5	12.5	9.9	11.6	6.9	40.7	18
Information	100.0	15.4	17.3	15.4	9.6	--	--	34.6	7
Financial activities	100.0	31.8	9.4	9.4	17.6	10.6	3.5	15.3	5
Professional and business services	100.0	11.2	10.0	13.0	11.2	11.2	5.9	37.2	14
Educational and health services	100.0	13.5	11.0	18.4	11.3	10.6	9.1	26.0	8
Leisure and hospitality	100.0	8.0	8.3	11.0	10.8	8.5	5.3	48.0	30
Other services except public administration	100.0	10.3	12.0	9.4	6.0	8.5	--	50.4	31

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, December 06, 2018

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, 2017

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	38,440	9,850	500	2,870	6,480	28,580	11,060	520	850	2,690	8,310	4,000	1,170	--	
Time of event:															
12:01 AM - 4:00 AM	1,490	420	50	40	330	1,070	600	--	--	130	290	--	--	--	
4:01 AM - 8:00 AM	3,970	1,230	60	320	840	2,750	1,210	--	40	210	770	390	130	--	
8:01 AM - 12:00 PM	11,170	3,270	130	1,050	2,090	7,900	3,440	110	240	740	2,210	920	240	--	
12:01 PM - 4:00 PM	7,820	1,950	110	580	1,260	5,870	2,120	--	220	680	1,750	480	580	--	
4:01 PM - 8:00 PM	4,510	770	60	140	570	3,740	1,490	--	--	330	1,410	340	150	--	
8:01 PM - 12:00 AM	2,530	560	20	50	490	1,960	690	60	90	160	660	300	--	--	
Not reported	6,940	1,650	70	690	890	5,290	1,510	310	240	420	1,220	1,540	--	--	
Hours on the job before event occurred:															
Occurred before shift began	300	60	--	--	50	240	50	--	--	40	110	--	--	--	
Less than 1 hour	2,980	690	40	260	390	2,290	1,060	--	--	150	700	290	--	--	
1 - 2 hours	3,780	800	--	220	570	2,980	1,260	--	--	190	860	480	160	--	
2 - 4 hours	8,550	2,150	50	530	1,570	6,410	2,740	40	150	760	1,680	850	180	--	
4 - 6 hours	6,210	1,820	20	570	1,230	4,390	1,710	70	270	290	1,630	320	90	--	
6 - 8 hours	5,310	1,280	--	190	1,080	4,040	1,340	--	40	570	1,320	260	480	--	
8 - 10 hours	2,420	830	60	370	410	1,590	660	--	--	190	430	150	150	--	
10 - 12 hours	750	260	--	--	220	490	180	--	--	60	210	--	--	--	
12 - 16 hours	330	70	--	--	70	260	60	--	80	--	80	--	--	--	
More than 16 hours	30	--	--	--	--	30	--	--	--	--	30	--	--	--	
Not reported	7,760	1,910	310	700	890	5,860	1,990	310	250	420	1,250	1,590	--	--	
Day of week:															
Sunday	2,240	190	30	--	150	2,050	780	50	70	50	710	390	--	--	
Monday	6,390	1,940	110	590	1,240	4,450	1,790	140	80	510	1,510	260	160	--	
Tuesday	6,010	1,870	90	430	1,350	4,140	1,680	50	160	370	1,360	430	90	--	
Wednesday	7,530	2,290	60	1,050	1,180	5,240	2,080	--	170	720	1,540	520	170	--	
Thursday	6,520	1,810	70	430	1,310	4,700	1,730	70	280	470	1,370	560	220	--	
Friday	5,300	1,350	90	330	930	3,950	1,860	70	70	360	1,060	330	200	--	
Saturday	4,450	400	50	--	330	4,050	1,120	100	--	210	760	1,500	340	--	

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, December 06, 2018

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, 2017

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	3.9	4.3	10.0	1.4	5.1	3.7	5.4	--	--	4.8	3.5	--	--	--	--
4:01 AM - 8:00 AM	10.3	12.5	12.0	11.1	13.0	9.6	10.9	--	4.7	7.8	9.3	9.8	11.1	11.1	--
8:01 AM - 12:00 PM	29.1	33.2	26.0	36.6	32.3	27.6	31.1	21.2	28.2	27.5	26.6	23.0	20.5	20.5	--
12:01 PM - 4:00 PM	20.3	19.8	22.0	20.2	19.4	20.5	19.2	--	25.9	25.3	21.1	12.0	49.6	49.6	--
4:01 PM - 8:00 PM	11.7	7.8	12.0	4.9	8.8	13.1	13.5	--	--	12.3	17.0	8.5	12.8	12.8	--
8:01 PM - 12:00 AM	6.6	5.7	4.0	1.7	7.6	6.9	6.2	11.5	10.6	5.9	7.9	7.5	--	--	--
Not reported	18.1	16.8	14.0	24.0	13.7	18.5	13.7	59.6	28.2	15.6	14.7	38.5	--	--	--
Hours on the job before event occurred:															
Occurred before shift began	.8	.6	--	--	.8	.8	.5	--	--	1.5	1.3	--	--	--	--
Less than 1 hour	7.8	7.0	8.0	9.1	6.0	8.0	9.6	--	--	5.6	8.4	7.3	--	--	--
1 - 2 hours	9.8	8.1	--	7.7	8.8	10.4	11.4	--	--	7.1	10.3	12.0	13.7	13.7	--
2 - 4 hours	22.2	21.8	10.0	18.5	24.2	22.4	24.8	7.7	17.6	28.3	20.2	21.3	15.4	15.4	--
4 - 6 hours	16.2	18.5	4.0	19.9	19.0	15.4	15.5	13.5	31.8	10.8	19.6	8.0	7.7	7.7	--
6 - 8 hours	13.8	13.0	--	6.6	16.7	14.1	12.1	--	4.7	21.2	15.9	6.5	41.0	41.0	--
8 - 10 hours	6.3	8.4	12.0	12.9	6.3	5.6	6.0	--	--	7.1	5.2	3.8	12.8	12.8	--
10 - 12 hours	2.0	2.6	--	--	3.4	1.7	1.6	--	--	2.2	2.5	--	--	--	--
12 - 16 hours	.9	.7	--	--	1.1	.9	.5	--	9.4	--	1.0	--	--	--	--
More than 16 hours	.1	--	--	--	--	.1	--	--	--	--	.4	--	--	--	--
Not reported	20.2	19.4	62.0	24.4	13.7	20.5	18.0	59.6	29.4	15.6	15.0	39.8	--	--	--
Day of week:															
Sunday	5.8	1.9	6.0	--	2.3	7.2	7.1	9.6	8.2	1.9	8.5	9.8	--	--	--
Monday	16.6	19.7	22.0	20.6	19.1	15.6	16.2	26.9	9.4	19.0	18.2	6.5	13.7	13.7	--
Tuesday	15.6	19.0	18.0	15.0	20.8	14.5	15.2	9.6	18.8	13.8	16.4	10.8	7.7	7.7	--
Wednesday	19.6	23.2	12.0	36.6	18.2	18.3	18.8	--	20.0	26.8	18.5	13.0	14.5	14.5	--
Thursday	17.0	18.4	14.0	15.0	20.2	16.4	15.6	13.5	32.9	17.5	16.5	14.0	18.8	18.8	--
Friday	13.8	13.7	18.0	11.5	14.4	13.8	16.8	13.5	8.2	13.4	12.8	8.3	17.1	17.1	--
Saturday	11.6	4.1	10.0	--	5.1	14.2	10.1	19.2	--	7.8	9.1	37.5	29.1	29.1	--

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, December 06, 2018

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, 2017

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	12.4	8.5	14.0	10.0	10.4	7.0	37.7	15
Time of event:									
12:01AM - 4:00AM	100.0	14.1	9.4	10.1	10.1	11.4	8.7	36.2	16
4:01AM - 8:00AM	100.0	10.3	9.3	15.4	8.6	10.1	6.5	40.1	17
8:01AM - 12noon	100.0	12.4	9.4	15.0	10.4	9.6	6.5	36.9	13
12:01PM - 4:00PM	100.0	11.8	8.3	16.0	13.2	11.0	6.0	34.0	11
4:01PM - 8:00PM	100.0	13.3	8.0	16.2	10.2	9.1	9.8	33.3	13
8:01PM - 12midnight	100.0	11.9	13.8	12.6	8.7	6.7	11.5	34.4	15
Time not reported	100.0	13.4	5.0	9.5	7.1	13.3	5.8	46.0	26
Hours on the job before event occurred:									
Before shift began	100.0	13.3	6.7	20.0	6.7	13.3	--	36.7	18
Less than 1 hour	100.0	10.1	9.4	14.1	8.4	9.4	6.0	42.6	20
1 - 2 hours	100.0	12.7	11.1	20.1	9.0	12.7	5.8	28.8	8
2 - 4 hours	100.0	14.6	9.4	14.4	10.4	8.1	7.6	35.6	12
4 - 6 hours	100.0	11.8	8.7	16.6	9.8	8.9	9.3	34.9	12
6 - 8 hours	100.0	10.4	8.7	12.6	15.4	11.3	6.4	35.2	13
8 - 10 hours	100.0	9.9	7.0	15.3	12.4	12.0	5.4	38.4	15
10 - 12 hours	100.0	17.3	10.7	13.3	9.3	10.7	8.0	32.0	11
12 - 16 hours	100.0	6.1	30.3	9.1	6.1	--	6.1	36.4	7
More than 16 hours	100.0	--	--	--	--	--	--	--	16
Hours not reported	100.0	12.9	5.0	9.1	7.0	12.6	6.7	46.8	29
Day of week:									
Sunday	100.0	12.9	11.6	16.1	9.8	15.2	6.7	28.6	11
Monday	100.0	14.1	7.8	13.0	10.8	9.2	10.8	34.3	14
Tuesday	100.0	13.0	11.0	15.3	12.1	9.3	7.0	32.3	10
Wednesday	100.0	11.6	6.8	13.7	8.4	10.2	6.1	43.4	20
Thursday	100.0	15.6	6.3	16.6	10.7	12.4	6.4	31.6	11
Friday	100.0	8.9	8.7	15.1	11.5	10.2	7.7	37.9	15
Saturday	100.0	9.4	10.3	8.3	6.1	8.8	3.6	53.3	34

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, 2017

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, December 06, 2018

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, 2017

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	91.2	8.1	1.6	1.3	20.7	13.7	27.7	7.4	4.0	11.1	3.6	24.5	9.4	5.2	4.3	.8	7.3	.9	
Gender:																			
Male	105.5	9.1	2.1	1.2	24.6	15.4	34.2	9.0	5.1	15.0	3.6	28.4	11.4	4.7	4.8	.9	6.5	.7	
Female	73.3	6.9	.9	1.5	15.7	11.5	19.5	5.5	2.8	6.3	3.6	19.7	6.8	5.8	3.8	.7	8.3	.9	
Age:																			
14 - 15	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
16 - 19	90.2	14.1	--	--	12.1	10.3	23.4	1.5	2.6	17.8	--	27.1	3.6	9.6	11.7	--	3.0	--	
20 - 24	95.2	15.8	3.7	.8	11.9	9.3	30.7	3.1	3.5	19.8	3.7	30.6	12.4	8.1	7.3	.5	3.8	.9	
25 - 34	88.5	7.1	1.4	1.4	20.1	14.9	25.6	6.7	2.8	11.1	3.2	26.8	10.5	7.3	4.1	1.3	5.3	.7	
35 - 44	90.8	7.2	1.4	1.3	26.2	19.7	26.0	5.3	4.9	10.2	4.0	22.2	7.2	4.1	5.8	.7	7.0	--	
45 - 54	93.1	7.8	1.8	1.4	21.0	14.6	30.1	9.4	4.9	11.7	3.5	23.6	10.2	4.6	2.5	.9	7.4	.9	
55 - 64	94.6	6.3	.8	.8	19.5	9.1	28.8	9.8	4.7	7.3	4.6	25.8	9.7	3.8	3.7	.5	11.6	1.4	
65 and over	77.2	5.9	.9	--	24.0	7.1	27.0	13.3	2.3	8.2	2.4	12.8	6.6	1.3	1.3	--	6.6	--	
Major occupational group:																			
Management occupations	41.5	4.5	--	--	5.2	4.5	4.8	1.2	2.2	--	.8	18.1	3.8	4.8	4.7	--	7.7	--	
Business and financial operations occupations	7.3	--	--	--	--	--	1.5	--	--	--	.8	1.4	--	.9	--	--	2.5	--	
Computer and mathematical occupations	1.3	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
Architecture and engineering occupations	9.1	--	--	--	--	--	3.5	2.4	--	--	--	--	--	--	--	--	--	--	
Life, physical, and social science occupations	50.9	--	--	--	--	--	12.7	--	--	--	--	30.6	--	--	--	--	--	--	
Community and social service occupations	55.2	9.9	--	--	4.7	4.7	23.0	2.5	18.3	--	--	9.1	--	3.7	3.1	--	6.8	--	
Legal occupations	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
Education, training, and library occupations	28.6	6.0	--	--	--	--	8.8	--	--	5.7	--	9.8	--	7.1	--	--	3.1	--	
Arts, design, entertainment, sports, and media occupations	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
Healthcare practitioners and technical occupations	77.6	7.1	1.0	1.8	18.8	15.5	17.1	5.5	2.0	5.5	3.2	24.0	13.6	6.1	1.9	.7	8.0	--	
Healthcare support occupations	188.1	13.6	--	2.3	62.8	49.2	42.5	15.5	6.2	10.0	6.8	40.9	17.5	9.2	5.1	--	22.8	2.6	
Protective service occupations	75.4	11.4	--	--	7.7	--	12.4	5.5	--	--	--	31.3	11.7	10.0	--	--	10.3	--	
Food preparation and serving related occupations	61.7	6.9	1.7	--	8.4	6.4	21.3	1.8	2.4	13.9	2.5	17.7	6.7	4.8	3.8	1.2	5.6	.5	
Building and grounds cleaning and maintenance occupations	190.1	13.7	2.1	3.6	43.2	33.4	48.5	14.6	5.5	24.0	2.6	52.4	19.5	10.4	11.1	2.9	19.0	6.8	
Personal care and service occupations	81.5	8.8	1.0	--	21.4	17.1	19.0	9.1	1.8	1.4	6.2	20.2	8.2	7.3	2.3	1.5	8.7	1.2	
Sales and related occupations	49.6	4.3	--	.7	11.6	9.0	9.1	.7	1.3	4.9	2.2	17.2	6.1	4.0	4.5	--	6.0	.4	
Office and administrative support occupations	39.1	2.9	.5	1.8	11.4	4.3	9.4	2.6	2.0	2.4	1.9	9.3	2.3	2.8	3.1	--	3.1	1.0	
Farming, fishing, and forestry occupations	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
Construction and extraction occupations	162.9	11.9	5.8	2.6	39.1	29.2	50.9	10.6	8.1	26.2	5.8	54.0	15.0	3.6	4.6	--	3.5	.9	
Installation, maintenance, and repair occupations	177.1	24.0	5.7	2.6	41.3	27.8	63.2	12.5	8.6	33.0	4.6	27.4	12.4	3.8	8.0	4.2	14.4	--	
Production occupations	135.1	12.4	4.4	--	25.3	17.1	64.1	11.1	8.0	32.1	8.8	24.4	7.8	5.1	5.9	1.3	6.3	1.1	
Transportation and material moving occupations	240.6	17.3	2.5	3.1	59.1	31.3	72.8	29.2	11.0	21.7	9.4	73.5	34.0	14.1	9.9	1.1	12.8	.7	

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, December 06, 2018

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, 2017

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	91.2	34.6	11.6	7.7	6.4	1.2	8.3	1.1	.1	.7	.7	.3	2.0	.4	.9	11.8	12.4	
Gender:																		
Male	105.5	38.0	15.0	10.8	9.4	1.4	7.0	1.6	.1	1.1	.7	--	2.6	.4	1.1	13.2	15.6	
Female	73.3	30.2	7.3	3.8	2.7	1.1	9.9	.5	.2	.1	.8	.5	1.4	.4	.6	10.2	8.4	
Age:																		
14 - 15	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
16 - 19	90.2	22.2	10.9	10.9	10.7	--	20.4	4.9	--	--	--	--	2.2	--	--	5.8	12.8	
20 - 24	95.2	31.3	10.9	13.5	10.5	3.1	12.0	1.1	--	--	--	--	1.2	--	.8	11.7	13.3	
25 - 34	88.5	35.7	8.7	7.6	7.1	.5	7.5	1.3	--	.8	--	.6	1.1	--	.2	12.7	12.1	
35 - 44	90.8	37.6	11.9	8.7	7.1	1.6	7.0	1.3	--	.9	1.1	--	1.6	--	1.3	9.7	10.9	
45 - 54	93.1	39.7	10.6	5.5	4.4	1.1	8.1	.9	.3	.4	1.0	.3	2.3	--	.5	10.0	14.0	
55 - 64	94.6	30.1	15.4	6.3	4.8	1.5	7.5	.5	--	.3	1.3	1.5	3.5	1.2	1.8	16.2	13.4	
65 and over	77.2	26.7	16.3	6.7	6.5	--	8.6	--	--	2.5	--	--	2.0	--	.7	6.5	6.6	
Major occupational group:																		
Management occupations	41.5	12.5	7.7	--	--	--	5.3	--	--	--	--	--	.8	--	--	9.7	4.2	
Business and financial operations occupations	7.3	.9	1.1	--	--	--	--	--	--	--	--	--	--	--	--	2.5	1.9	
Computer and mathematical occupations	1.3	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
Architecture and engineering occupations	9.1	2.2	--	--	--	--	--	--	--	--	--	--	--	--	--	--	2.6	
Life, physical, and social science occupations	50.9	--	31.3	--	--	--	--	--	--	--	--	--	--	--	--	11.7	--	
Community and social service occupations	55.2	13.1	3.5	18.3	2.3	16.0	6.3	--	--	--	--	--	2.7	--	--	5.5	5.8	
Legal occupations	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
Education, training, and library occupations	28.6	12.7	--	--	--	--	3.1	--	--	--	--	--	--	--	--	3.5	6.3	
Arts, design, entertainment, sports, and media occupations	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
Healthcare practitioners and technical occupations	77.6	35.4	5.7	2.1	1.4	.7	9.0	.5	--	--	--	--	1.1	--	.9	16.4	7.3	
Healthcare support occupations	188.1	99.9	4.8	3.9	1.8	2.2	18.8	--	--	--	--	--	2.0	--	1.8	38.8	18.9	
Protective service occupations	75.4	31.0	9.9	--	--	--	9.4	--	--	--	--	--	--	--	--	4.6	14.3	
Food preparation and serving related occupations	61.7	17.4	4.7	11.2	10.4	.7	9.6	3.8	--	.5	.7	--	--	--	--	5.6	7.9	
Building and grounds cleaning and maintenance occupations	190.1	71.7	15.0	18.6	13.7	4.8	16.8	--	1.5	--	--	--	10.5	--	2.2	20.9	31.2	
Personal care and service occupations	81.5	37.0	8.1	2.3	--	1.3	11.0	--	--	--	--	--	2.5	--	--	8.1	9.6	
Sales and related occupations	49.6	20.7	5.3	4.2	3.5	.7	8.5	--	--	--	--	--	--	--	--	6.8	3.7	
Office and administrative support occupations	39.1	13.0	7.6	1.8	1.8	--	3.6	--	--	--	.8	--	.4	.3	--	5.5	6.0	
Farming, fishing, and forestry occupations	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
Construction and extraction occupations	162.9	26.1	50.9	22.7	19.8	2.8	6.5	--	--	3.4	3.0	--	--	--	--	22.2	26.4	
Installation, maintenance, and repair occupations	177.1	68.8	24.3	18.7	17.9	.8	9.4	.7	--	1.6	--	--	1.2	--	--	24.1	27.3	
Production occupations	135.1	41.1	12.0	21.1	17.6	3.5	11.2	4.6	--	2.9	2.8	1.0	2.2	.5	1.4	12.5	23.4	
Transportation and material moving occupations	240.6	101.1	27.3	14.7	14.2	.6	20.8	1.4	--	1.8	1.3	--	7.3	2.7	3.0	28.8	35.7	

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, December 06, 2018

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, 2017

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	91.2	.8	10.1	3.3	5.3	6.8	9.9	7.1	14.1	13.9	14.8	4.2	8.8	10.1
Gender:														
Male	105.5	.7	12.6	3.5	7.1	10.3	7.2	3.3	16.2	16.1	12.8	6.1	12.0	12.2
Female	73.3	.9	7.1	3.1	3.0	2.4	13.3	11.8	11.5	11.3	17.4	1.8	4.7	7.0
Age:														
14 - 15	--	--	--	--	--	--	--	--	--	--	--	--	--	--
16 - 19	90.2	--	13.7	2.2	8.8	6.9	5.4	3.5	6.7	5.8	17.3	3.8	11.7	10.0
20 - 24	95.2	.8	12.0	3.1	7.8	8.6	8.2	6.9	7.5	7.3	14.3	5.4	7.3	16.5
25 - 34	88.5	.5	7.4	2.7	4.4	7.2	18.0	10.4	16.7	16.6	8.7	4.2	8.7	8.9
35 - 44	90.8	.8	12.0	3.6	5.6	6.8	11.1	8.6	15.5	15.2	10.5	4.1	7.7	10.1
45 - 54	93.1	1.0	9.8	5.3	5.7	6.8	7.3	6.0	16.6	16.3	13.7	5.5	7.0	10.0
55 - 64	94.6	.7	11.5	2.3	4.6	6.8	5.0	4.3	13.3	13.1	23.9	2.3	11.7	9.7
65 and over	77.2	1.1	7.5	1.9	3.0	2.4	3.8	3.2	5.1	5.1	30.8	4.5	10.8	4.8
Major occupational group:														
Management occupations	41.5	--	--	4.6	6.7	1.1	5.3	3.1	6.4	6.4	9.1	--	4.3	3.2
Business and financial operations occupations	7.3	--	2.1	--	--	--	--	--	2.1	1.3	2.0	--	--	--
Computer and mathematical occupations	1.3	--	--	--	--	--	--	--	--	--	--	--	--	--
Architecture and engineering occupations	9.1	--	--	--	--	--	--	--	--	--	2.7	--	--	4.1
Life, physical, and social science occupations	50.9	--	--	--	--	--	--	--	--	--	14.0	--	30.4	4.7
Community and social service occupations	55.2	--	--	--	--	--	33.6	25.4	2.7	2.7	8.5	--	3.7	3.8
Legal occupations	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Education, training, and library occupations	28.6	--	--	5.9	--	--	8.3	--	7.2	7.2	4.9	--	--	--
Arts, design, entertainment, sports, and media occupations	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Healthcare practitioners and technical occupations	77.6	.9	1.2	2.9	1.7	2.5	35.7	35.4	8.0	7.8	13.4	--	2.7	8.3
Healthcare support occupations	188.1	--	11.0	8.6	1.5	--	91.6	91.5	21.9	21.9	28.0	--	6.5	17.7
Protective service occupations	75.4	--	--	--	--	--	19.3	9.7	9.6	9.2	20.7	--	10.1	7.1
Food preparation and serving related occupations	61.7	.5	10.3	1.9	6.0	2.6	--	--	8.3	8.0	15.3	4.4	4.6	7.4
Building and grounds cleaning and maintenance occupations	190.1	2.4	19.3	6.2	10.7	11.8	--	--	46.5	45.9	29.0	21.6	3.4	33.4
Personal care and service occupations	81.5	--	1.6	2.5	--	3.3	27.9	20.9	15.7	14.7	15.4	--	2.6	10.8
Sales and related occupations	49.6	.5	8.3	3.1	2.7	1.8	.6	--	8.0	7.9	11.9	.8	3.3	6.0
Office and administrative support occupations	39.1	--	8.0	1.1	.7	.8	1.0	--	5.5	5.4	12.1	.8	4.8	3.3
Farming, fishing, and forestry occupations	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Construction and extraction occupations	162.9	1.9	4.1	2.7	11.5	27.4	--	--	21.6	21.6	10.4	11.0	10.4	37.9
Installation, maintenance, and repair occupations	177.1	1.7	14.1	4.6	18.2	14.6	1.2	--	25.7	25.5	16.9	21.9	17.3	20.0
Production occupations	135.1	2.5	12.8	5.3	17.4	23.2	--	--	20.6	20.6	17.1	11.7	5.6	16.7
Transportation and material moving occupations	240.6	1.2	47.8	9.2	10.0	21.8	.9	--	36.7	36.1	37.5	6.3	51.0	16.1

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, 2017

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, December 06, 2018

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, 2017

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	91.2	22.0	12.1	5.4	3.7	23.0	6.0	13.8	3.0	32.3	9.4	1.9	2.4	4.2	2.6	--	6.6	2.4	3.2	.9	.6
Gender:																					
Male	105.5	27.9	15.3	6.0	5.5	24.1	9.3	11.5	3.1	37.2	11.7	1.4	2.9	5.6	3.1	--	7.2	1.5	4.7	1.0	.6
Female	73.3	14.6	8.1	4.7	1.4	21.6	1.9	16.8	2.8	26.2	6.6	2.6	1.9	2.5	2.0	--	5.9	3.7	1.4	.9	.6
Age:																					
14 - 15	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
16 - 19	90.2	40.1	17.5	16.7	5.7	21.1	--	17.2	2.3	17.9	2.5	--	6.0	--	--	--	--	--	--	--	--
20 - 24	95.2	40.3	22.3	7.2	8.1	19.4	4.0	13.4	2.1	19.9	5.6	--	2.9	3.0	.8	--	8.4	3.7	1.2	3.5	1.1
25 - 34	88.5	21.4	12.0	4.9	4.0	15.3	2.4	8.7	4.0	28.8	8.5	1.1	3.0	5.2	2.5	--	14.2	3.6	9.9	.7	.6
35 - 44	90.8	21.8	12.0	6.4	2.6	21.3	7.2	10.1	3.7	35.7	10.4	2.0	2.2	3.7	2.4	--	5.5	2.4	2.4	.7	.6
45 - 54	93.1	20.4	10.4	5.7	3.7	21.5	6.8	11.6	2.7	40.4	12.9	2.6	2.8	3.6	2.8	--	3.7	2.2	1.2	.4	.5
55 - 64	94.6	16.4	9.9	3.6	2.4	34.4	10.1	21.6	2.3	34.5	8.9	3.1	1.2	4.9	3.9	--	2.9	1.2	.6	1.1	.3
65 and over	77.2	14.1	9.1	2.1	2.7	35.1	3.1	31.0	1.0	20.9	6.9	.9	1.6	3.7	1.3	--	1.4	.8	--	--	--
Major occupational group:																					
Management occupations	41.5	10.5	4.8	2.8	2.8	13.1	1.7	8.3	3.1	9.3	1.5	--	--	3.6	2.1	--	4.1	2.0	2.1	--	--
Business and financial operations occupations	7.3	--	--	--	--	3.0	--	1.6	.7	3.1	1.9	--	--	--	--	--	--	--	--	--	--
Computer and mathematical occupations	1.3	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Architecture and engineering occupations	9.1	1.8	--	--	--	2.6	--	2.6	--	2.2	--	--	--	--	--	--	--	--	--	--	--
Life, physical, and social science occupations	50.9	--	--	--	--	14.0	--	14.0	--	--	--	--	--	30.4	--	--	--	--	--	--	--
Community and social service occupations	55.2	6.4	--	4.2	--	6.4	--	5.7	--	4.7	--	--	--	3.7	3.7	--	33.2	25.4	7.0	--	--
Legal occupations	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Education, training, and library occupations	28.6	2.3	--	--	--	6.9	--	5.8	--	12.1	5.1	--	--	--	--	--	--	7.1	5.2	1.9	--
Arts, design, entertainment, sports, and media occupations	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Healthcare practitioners and technical occupations	77.6	10.7	3.6	5.9	.8	16.7	.8	13.5	2.5	29.2	7.1	.9	1.7	1.4	1.4	--	17.9	5.9	11.0	1.1	--
Healthcare support occupations	188.1	19.8	12.3	4.8	2.5	36.5	2.0	26.8	7.2	97.1	24.0	1.1	1.2	2.6	1.4	--	29.8	21.7	6.1	2.0	--
Protective service occupations	75.4	--	--	--	--	29.1	6.5	17.5	--	10.7	--	--	--	9.8	--	--	--	21.3	9.5	8.7	--
Food preparation and serving related occupations	61.7	23.0	13.6	8.3	.5	18.7	2.0	14.3	2.4	13.5	5.6	1.2	5.7	--	--	--	--	--	--	--	--
Building and grounds cleaning and maintenance occupations	190.1	53.1	30.4	15.4	3.5	48.3	8.8	26.2	12.8	73.5	22.2	2.5	5.1	1.9	--	--	--	8.1	--	--	7.7
Personal care and service occupations	81.5	7.1	4.1	2.5	--	19.0	3.3	13.3	2.3	31.4	4.5	--	4.1	1.4	1.2	--	18.6	10.9	2.4	5.3	--
Sales and related occupations	49.6	13.1	9.0	2.2	1.1	17.3	2.9	11.9	2.5	15.3	6.4	--	.6	1.2	.9	--	1.2	--	--	.6	.9
Office and administrative support occupations	39.1	7.4	5.0	1.5	.7	13.7	1.0	11.6	.8	13.0	3.8	1.7	.9	2.6	1.2	--	.8	--	.4	--	.8
Farming, fishing, and forestry occupations	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Construction and extraction occupations	162.9	46.8	27.1	10.9	7.3	61.9	51.8	7.4	1.2	44.4	14.1	5.6	2.8	5.4	4.8	--	--	--	--	--	1.5
Installation, maintenance, and repair occupations	177.1	52.3	30.6	6.8	11.7	32.3	18.8	11.8	1.2	77.6	24.1	1.2	5.9	6.1	5.9	--	2.0	1.2	--	.8	--
Production occupations	135.1	55.7	28.0	9.1	16.6	27.4	5.6	17.6	3.9	43.0	13.0	9.3	7.2	.8	--	--	.4	--	--	.4	.5
Transportation and material moving occupations	240.6	56.9	29.7	16.7	9.5	58.9	13.6	34.0	10.1	93.4	28.7	2.2	3.3	25.7	15.7	--	1.0	.6	--	--	1.5

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.

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SOURCE: U.S. Bureau of Labor Statistics, U.S. Department of Labor, Survey of Occupational Injuries and Illnesses in cooperation with participating state agencies, December 06, 2018