

Pennsylvania 2019 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, 2019

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	40,130	9,900	610	3,370	5,930	30,220	12,720	460	580	3,660	8,410	2,680	1,720	--	
Gender:															
Male	24,740	8,960	550	3,310	5,100	15,790	8,140	380	290	2,620	1,870	1,290	1,200	--	
Female	15,140	940	50	50	830	14,200	4,340	80	290	1,040	6,540	1,380	520	--	
Age:															
14 to 15	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
16 to 19	1,180	360	20	290	50	830	390	--	--	70	120	250	--	--	
20 to 24	3,710	860	20	220	620	2,850	1,270	30	30	260	780	460	--	--	
25 to 34	7,200	1,630	270	380	980	5,570	2,310	80	60	600	1,800	550	160	--	
35 to 44	7,160	1,810	70	680	1,060	5,350	1,930	60	60	580	1,620	290	810	--	
45 to 54	8,930	2,510	70	920	1,510	6,420	2,650	140	180	1,090	1,920	180	260	--	
55 to 64	9,010	2,320	80	850	1,390	6,690	2,730	150	220	920	1,790	790	--	--	
65 and over	2,790	330	60	--	260	2,460	1,420	--	30	130	360	150	360	--	
Length of service with employer:															
Less than 3 months	4,240	1,150	40	480	630	3,090	1,300	30	50	470	680	410	140	--	
3 to 11 months	7,790	1,430	60	330	1,030	6,360	2,560	110	90	580	1,700	790	530	--	
1 to 5 years	12,690	2,790	230	810	1,750	9,900	4,240	120	80	1,440	2,970	780	260	--	
More than 5 years	15,100	4,460	270	1,720	2,470	10,640	4,370	200	350	1,160	3,070	690	790	--	
Race or ethnic origin ⁵ :															
White only	19,660	6,350	260	2,620	3,470	13,310	5,320	160	220	1,390	3,790	1,280	1,150	--	
Black only	2,490	320	--	--	280	2,170	390	30	120	420	990	200	--	--	
Hispanic or Latino only	2,310	690	100	80	510	1,630	780	--	--	370	260	190	--	--	
Asian only	140	40	--	--	40	90	40	--	--	--	40	--	--	--	
Native Hawaiian or other Pacific Islander only	20	--	--	--	--	--	--	--	--	--	--	--	--	--	
American Indian or Alaskan Native only	20	--	--	--	--	--	--	--	--	--	--	--	--	--	
Hispanic or Latino and other race	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
Multi-race	20	--	--	--	--	20	--	--	--	--	20	--	--	--	
Not reported	15,460	2,490	220	650	1,610	12,980	6,170	260	240	1,480	3,300	1,000	520	--	

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 changes the Occupational Safety and Health Administration made to its recordkeeping requirements effective January 1, 2002; therefore, estimates for these industries are not comparable to estimates of other industries.

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, November 05, 2020

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, 2019

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	61.6	90.5	90.2	98.2	86.0	52.3	64.0	82.6	50.0	71.6	22.2	48.1	69.8	--	
Female	37.7	9.5	8.2	1.5	14.0	47.0	34.1	17.4	50.0	28.4	77.8	51.5	30.2	--	
Age:															
14 to 15	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
16 to 19	2.9	3.6	3.3	8.6	.8	2.7	3.1	--	--	1.9	1.4	9.3	--	--	
20 to 24	9.2	8.7	3.3	6.5	10.5	9.4	10.0	6.5	5.2	7.1	9.3	17.2	--	--	
25 to 34	17.9	16.5	44.3	11.3	16.5	18.4	18.2	17.4	10.3	16.4	21.4	20.5	9.3	--	
35 to 44	17.8	18.3	11.5	20.2	17.9	17.7	15.2	13.0	10.3	15.8	19.3	10.8	47.1	--	
45 to 54	22.3	25.4	11.5	27.3	25.5	21.2	20.8	30.4	31.0	29.8	22.8	6.7	15.1	--	
55 to 64	22.5	23.4	13.1	25.2	23.4	22.1	21.5	32.6	37.9	25.1	21.3	29.5	--	--	
65 and over	7.0	3.3	9.8	--	4.4	8.1	11.2	--	5.2	3.6	4.3	5.6	20.9	--	
Length of service with employer:															
Less than 3 months	10.6	11.6	6.6	14.2	10.6	10.2	10.2	6.5	8.6	12.8	8.1	15.3	8.1	--	
3 to 11 months	19.4	14.4	9.8	9.8	17.4	21.0	20.1	23.9	15.5	15.8	20.2	29.5	30.8	--	
1 to 5 years	31.6	28.2	37.7	24.0	29.5	32.8	33.3	26.1	13.8	39.3	35.3	29.1	15.1	--	
More than 5 years	37.6	45.1	44.3	51.0	41.7	35.2	34.4	43.5	60.3	31.7	36.5	25.7	45.9	--	
Race or ethnic origin ⁵ :															
White only	49.0	64.1	42.6	77.7	58.5	44.0	41.8	34.8	37.9	38.0	45.1	47.8	66.9	--	
Black only	6.2	3.2	--	--	4.7	7.2	3.1	6.5	20.7	11.5	11.8	7.5	--	--	
Hispanic or Latino only	5.8	7.0	16.4	2.4	8.6	5.4	6.1	--	--	10.1	3.1	7.1	--	--	
Asian only	.3	.4	--	--	.7	.3	.3	--	--	--	.5	--	--	--	
Native Hawaiian or other Pacific Islander only	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
American Indian or Alaskan Native only	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
Hispanic or Latino and other race	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
Multi-race	--	--	--	--	--	.1	--	--	--	--	.2	--	--	--	
Not reported	38.5	25.2	36.1	19.3	27.2	43.0	48.5	56.5	41.4	40.4	39.2	37.3	30.2	--	

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.

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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, 2019

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	40,130	9,900	610	3,370	5,930	30,220	12,720	460	580	3,660	8,410	2,680	1,720	--	
Management occupations	1,110	420	--	350	70	690	100	--	--	70	350	100	--	--	
Business and financial operations occupations	250	30	--	--	30	220	110	--	40	30	30	--	--	--	
Computer and mathematical occupations	80	--	--	--	--	70	--	--	40	--	--	--	--	--	
Architecture and engineering occupations	100	40	--	--	30	60	30	--	--	--	--	--	--	--	
Life, physical, and social science occupations	70	--	--	--	--	60	--	--	--	30	20	--	--	--	
Community and social service occupations	260	--	--	--	--	260	--	--	--	--	250	--	--	--	
Legal occupations	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
Educational instruction and library occupations	680	--	--	--	--	680	--	--	--	--	680	--	--	--	
Arts, design, entertainment, sports, and media occupations	160	--	--	--	--	160	30	--	--	--	--	110	--	--	
Healthcare practitioners and technical occupations	2,520	--	--	--	--	2,520	--	--	--	50	2,390	--	--	--	
Healthcare support occupations	3,120	--	--	--	--	3,120	--	--	--	80	3,030	--	--	--	
Protective service occupations	510	--	--	--	--	510	40	--	--	260	80	130	--	--	
Food preparation and serving related occupations	2,150	--	--	--	--	2,150	350	50	--	40	200	1,500	--	--	
Building and grounds cleaning and maintenance occupations	2,660	180	--	100	60	2,480	290	--	110	740	510	450	370	--	
Personal care and service occupations	840	--	--	--	--	830	--	--	--	40	140	90	530	--	
Sales and related occupations	1,770	--	--	--	--	1,770	1,690	--	--	--	--	30	--	--	
Office and administrative support occupations	1,700	140	--	--	120	1,570	960	40	120	160	270	--	--	--	
Farming, fishing, and forestry occupations	220	220	220	--	--	--	--	--	--	--	--	--	--	--	
Construction and extraction occupations	3,500	2,960	130	2,480	350	540	80	--	20	360	30	40	--	--	
Installation, maintenance, and repair occupations	4,040	950	100	340	500	3,080	1,190	290	140	720	160	60	520	--	
Production occupations	4,740	3,740	50	--	3,680	1,000	320	--	--	560	50	--	--	--	
Transportation and material moving occupations	9,550	1,200	80	80	1,040	8,350	7,480	40	30	410	90	140	160	--	

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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, 2019

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	40,130	9,900	610	3,370	5,930	30,220	12,720	460	580	3,660	8,410	2,680	1,720	--	
Laborers and freight, stock, and material movers, hand	3,050	480	--	--	480	2,570	2,430	--	--	60	20	--	--	--	
Heavy and tractor-trailer truck drivers	2,170	390	50	--	330	1,780	1,710	--	--	50	--	--	--	--	
Construction laborers	1,420	1,160	--	930	230	260	--	--	240	--	--	--	--	--	
Nursing assistants	1,300	--	--	--	--	1,300	--	--	--	--	1,300	--	--	--	
Janitors and cleaners, except maids and housekeeping cleaners	1,270	120	--	--	60	1,150	290	--	--	430	140	260	--	--	
Personal care aides	1,160	--	--	--	--	1,160	--	--	--	--	1,130	--	--	--	
Stockers and order fillers	1,100	50	--	--	30	1,050	970	--	--	80	--	--	--	--	
Maintenance and repair workers, general	1,050	370	70	--	280	680	70	--	--	340	110	50	--	--	
Retail salespersons	1,010	--	--	--	--	1,010	1,000	--	--	--	--	--	--	--	
Registered nurses	970	--	--	--	--	970	--	--	--	--	900	--	--	--	
Automotive service technicians and mechanics	960	--	--	--	--	960	320	--	--	320	--	--	320	--	
Light truck drivers	930	20	--	--	20	910	860	--	--	--	--	--	--	--	
Landscaping and groundskeeping workers	610	20	--	--	--	590	--	--	--	130	30	80	--	--	
Welding, soldering, and brazing machine setters, operators, and tenders	580	330	--	--	330	--	--	--	--	--	--	--	--	--	
Packers and packagers, hand	560	80	--	--	70	490	460	--	--	--	--	--	--	--	
Carpenters	560	510	--	490	20	50	--	--	--	--	--	30	--	--	
Maids and housekeeping cleaners	550	--	--	--	--	550	--	--	90	--	330	110	--	--	
Plumbers, pipefitters, and steamfitters	510	450	--	450	--	60	40	--	--	--	--	--	--	--	
Production, planning, and expediting clerks	490	--	--	--	--	490	480	--	--	--	--	--	--	--	
Food preparation workers	470	--	--	--	--	470	290	--	--	--	--	170	--	--	
Driver/sales workers	440	--	--	--	--	440	250	40	--	--	--	100	--	--	
Computer, automated teller, and office machine repairers	410	--	--	--	--	410	410	--	--	--	--	--	--	--	
Preschool teachers, except special education	390	--	--	--	--	390	--	--	--	--	390	--	--	--	
First-line supervisors of retail sales workers	360	--	--	--	--	360	360	--	--	--	--	--	--	--	
Machinists	360	350	--	--	350	--	--	--	--	--	--	--	--	--	
Construction managers	350	350	--	350	--	--	--	--	--	--	--	--	--	--	

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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, 2019

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	40,130	9,900	610	3,370	5,930	30,220	12,720	460	580	3,660	8,410	2,680	1,720	--
Nature of injury, illness:														
Fractures	4,890	1,580	200	390	980	3,310	1,650	--	50	380	840	260	120	--
Sprains, strains, tears	13,100	2,360	140	660	1,560	10,740	5,080	220	130	820	3,500	820	160	--
Amputations	220	130	20	--	110	100	50	--	--	--	--	--	--	--
Bruise, contusions	3,930	630	50	180	400	3,300	1,490	20	70	450	880	360	--	--
Chemical burns and corrosions	130	80	--	--	80	60	20	--	--	--	--	40	--	--
Heat (thermal) burns	520	290	--	150	130	230	30	--	--	--	50	130	--	--
Soreness, pain	6,070	1,420	40	770	610	4,650	1,740	100	130	840	1,410	330	--	--
Cuts, lacerations, punctures	3,590	1,050	20	430	610	2,540	910	--	--	180	190	360	870	--
Cuts, lacerations	2,960	800	--	280	510	2,160	870	--	--	90	130	360	700	--
Punctures (except gunshot wounds)	630	250	--	140	100	380	40	--	--	90	60	--	160	--
Carpal tunnel syndrome	230	150	--	70	80	80	30	--	--	--	--	--	--	--
Tendonitis	40	20	--	--	20	20	--	--	--	--	20	--	--	--
Multiple traumatic injuries	1,050	260	50	90	120	790	180	--	80	320	180	20	--	--
With sprains and other injuries	480	80	--	--	70	400	130	--	--	70	120	20	--	--
With fractures and other injuries	140	100	--	80	20	40	--	--	--	--	20	--	--	--
Part of body affected:														
Head	4,440	1,220	40	620	570	3,210	1,020	--	20	440	910	350	460	--
Eye	1,090	390	--	60	320	700	170	--	--	--	130	60	330	--
Neck	450	60	--	--	60	390	130	--	--	--	210	--	--	--
Trunk	7,760	1,640	120	610	920	6,130	2,850	100	170	760	1,960	230	--	--
Back	4,970	780	40	230	500	4,190	1,870	70	120	530	1,470	120	--	--
Upper extremities	13,050	3,430	140	790	2,500	9,620	4,810	160	150	790	2,080	1,000	640	--
Shoulder	3,120	760	50	270	440	2,360	1,050	80	70	330	730	70	--	--
Arm	2,790	500	30	170	300	2,290	1,610	40	--	70	410	140	--	--
Wrist	1,430	300	--	100	190	1,130	420	--	--	110	330	180	--	--
Hand	4,880	1,590	50	190	1,350	3,290	1,440	40	40	190	480	550	550	--
Lower extremities	10,310	2,640	210	1,010	1,410	7,670	2,880	140	130	1,360	1,860	870	450	--
Knee	4,360	850	30	510	320	3,510	1,110	110	--	650	690	560	390	--
Ankle	1,990	410	30	150	230	1,580	700	20	20	130	570	140	--	--
Foot	2,320	890	20	270	600	1,430	590	--	30	330	300	120	--	--
Toe, toenail	400	120	--	--	80	280	150	--	--	40	60	30	--	--
Body systems	520	80	--	--	60	440	100	--	50	30	200	30	--	--
Multiple	3,210	780	100	320	360	2,430	790	50	40	240	1,040	160	--	--
Source of injury, illness:														
Chemical, chemical products	480	270	--	140	130	210	80	--	--	--	40	70	--	--
Containers	5,800	790	--	90	680	5,010	3,620	--	150	470	460	240	--	--
Furniture, fixtures	1,400	210	20	--	150	1,200	360	--	--	130	460	240	--	--
Machinery	2,230	1,120	30	210	880	1,110	470	30	60	100	120	220	--	--
Parts and materials	3,680	1,960	90	580	1,290	1,720	1,090	--	--	440	40	40	--	--
Person, injured or ill worker	5,320	1,410	50	590	770	3,910	1,520	90	100	620	1,230	310	--	--
Worker motion or position	5,110	1,360	50	540	770	3,750	1,490	60	60	600	1,200	310	--	--
Person, other than injured or ill workers	3,320	60	--	--	60	3,270	90	--	--	190	2,890	90	--	--
Health care patient	2,640	--	--	--	--	2,640	--	--	--	80	2,560	--	--	--
Floors, walkways, ground surfaces	7,030	1,040	60	320	660	5,990	2,510	80	70	740	1,640	890	--	--
Ladder	610	240	20	170	60	360	140	120	30	--	30	20	--	--
Handtools	1,950	610	--	250	350	1,340	210	--	--	150	80	180	720	--
Vehicles	3,660	550	70	160	320	3,120	1,850	60	90	370	580	80	--	--
Trucks	910	220	--	80	120	690	580	30	--	50	--	--	--	--
Cart, dolly, hand truck - nonpowered	510	90	--	--	50	410	220	--	--	90	70	--	--	--

Event or exposure:														
Violence and other injuries by persons or animal	1,860	70	--	--	60	1,790	50	--	--	240	1,220	100	160	--
Intentional injury by other person	1,130	50	--	--	50	1,080	--	--	--	150	900	20	--	--
Injury by person - unintentional or intent unknown	330	--	--	--	--	330	--	--	--	--	240	70	--	--
Animal and insect related incidents	400	20	--	--	--	380	30	--	--	80	80	--	150	--
Transportation incidents	1,880	250	20	110	110	1,630	930	20	90	100	440	40	--	--
Roadway incidents involving motorized land vehicles	1,340	140	--	100	40	1,190	560	20	90	90	390	30	--	--
Fires and explosions	220	210	--	140	30	--	--	--	--	--	--	--	--	--
Falls, slips, trips	10,840	2,310	110	1,270	920	8,530	3,550	150	130	950	2,390	1,250	110	--
Slips, trips without fall	1,820	250	--	80	160	1,570	630	--	--	120	580	200	--	--
Fall on same level	6,680	950	50	280	620	5,730	2,380	50	70	720	1,520	930	--	--
Fall to lower level	2,210	1,090	50	910	140	1,110	470	90	40	120	270	110	--	--
Exposure to harmful substances or environments	1,090	360	20	50	290	730	200	30	30	30	200	220	--	--
Contact with object, equipment	10,760	3,720	280	810	2,640	7,040	3,140	20	120	830	950	690	1,290	--
Struck by object or equipment	6,010	1,730	210	420	1,110	4,280	1,920	--	40	660	470	430	750	--
Struck against object or equipment	2,050	720	30	330	360	1,330	650	--	--	70	320	210	--	--
Caught in or compressed by object or equipment	1,780	930	30	--	870	850	440	--	--	--	110	30	170	--
Overexertion and bodily reaction	13,290	2,950	120	970	1,860	10,340	4,820	210	210	1,510	3,070	370	150	--
Repetitive motion involving microtasks	710	340	--	70	270	370	110	--	30	80	110	20	--	--
Overexertion in lifting or lowering	4,170	700	30	160	510	3,460	2,030	70	90	320	780	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 changes the Occupational Safety and Health Administration made to its recordkeeping requirements effective January 1, 2002; therefore, estimates for these industries are not comparable to estimates of other industries.

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, November 05, 2020

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, 2019

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	--
Nature of injury, illness:															
Fractures	12.2	16.0	32.8	11.6	16.5	11.0	13.0	--	8.6	10.4	10.0	9.7	7.0	--	--
Sprains, strains, tears	32.6	23.8	23.0	19.6	26.3	35.5	39.9	47.8	22.4	22.4	41.6	30.6	9.3	--	--
Amputations	.5	1.3	3.3	--	1.9	.3	.4	--	--	--	--	--	--	--	--
Bruise, contusions	9.8	6.4	8.2	5.3	6.7	10.9	11.7	4.3	12.1	12.3	10.5	13.4	--	--	--
Chemical burns and corrosions	.3	.8	--	--	1.3	.2	.2	--	--	--	--	1.5	--	--	--
Heat (thermal) burns	1.3	2.9	--	4.5	2.2	.8	.2	--	--	--	.6	4.9	--	--	--
Soreness, pain	15.1	14.3	6.6	22.8	10.3	15.4	13.7	21.7	22.4	23.0	16.8	12.3	--	--	--
Cuts, lacerations, punctures	8.9	10.6	3.3	12.8	10.3	8.4	7.2	--	--	4.9	2.3	13.4	50.6	--	--
Cuts, lacerations	7.4	8.1	--	8.3	8.6	7.1	6.8	--	--	2.5	1.5	13.4	40.7	--	--
Punctures (except gunshot wounds)	1.6	2.5	--	4.2	1.7	1.3	.3	--	--	2.5	.7	--	9.3	--	--
Carpal tunnel syndrome	.6	1.5	--	2.1	1.3	.3	.2	--	--	--	--	--	--	--	--
Tendonitis	.1	.2	--	--	.3	.1	--	--	--	--	.2	--	--	--	--
Multiple traumatic injuries	2.6	2.6	8.2	2.7	2.0	2.6	1.4	--	13.8	8.7	2.1	.7	--	--	--
With sprains and other injuries	1.2	.8	--	--	1.2	1.3	1.0	--	--	1.9	1.4	.7	--	--	--
With fractures and other injuries	.3	1.0	--	2.4	.3	.1	--	--	--	--	.2	--	--	--	--
Part of body affected:															
Head	11.1	12.3	6.6	18.4	9.6	10.6	8.0	--	3.4	12.0	10.8	13.1	26.7	--	--
Eye	2.7	3.9	--	1.8	5.4	2.3	1.3	--	--	--	1.5	2.2	19.2	--	--
Neck	1.1	.6	--	--	1.0	1.3	1.0	--	--	--	2.5	--	--	--	--
Trunk	19.3	16.6	19.7	18.1	15.5	20.3	22.4	21.7	29.3	20.8	23.3	8.6	--	--	--
Back	12.4	7.9	6.6	6.8	8.4	13.9	14.7	15.2	20.7	14.5	17.5	4.5	--	--	--
Upper extremities	32.5	34.6	23.0	23.4	42.2	31.8	37.8	34.8	25.9	21.6	24.7	37.3	37.2	--	--
Shoulder	7.8	7.7	8.2	8.0	7.4	7.8	8.3	17.4	12.1	9.0	8.7	2.6	--	--	--
Arm	7.0	5.1	4.9	5.0	5.1	7.6	12.7	8.7	--	1.9	4.9	5.2	--	--	--
Wrist	3.6	3.0	--	3.0	3.2	3.7	3.3	--	--	3.0	3.9	6.7	--	--	--
Hand	12.2	16.1	8.2	5.6	22.8	10.9	11.3	8.7	6.9	5.2	5.7	20.5	32.0	--	--
Lower extremities	25.7	26.7	34.4	30.0	23.8	25.4	22.6	30.4	22.4	37.2	22.1	32.5	26.2	--	--
Knee	10.9	8.6	4.9	15.1	5.4	11.6	8.7	23.9	--	17.8	8.2	20.9	22.7	--	--
Ankle	5.0	4.1	4.9	4.5	3.9	5.2	5.5	4.3	3.4	3.6	6.8	5.2	--	--	--
Foot	5.8	9.0	3.3	8.0	10.1	4.7	4.6	--	5.2	9.0	3.6	4.5	--	--	--
Toe, toenail	1.0	1.2	--	--	1.3	.9	1.2	--	--	1.1	.7	1.1	--	--	--
Body systems	1.3	.8	--	--	1.0	1.5	.8	--	8.6	.8	2.4	1.1	--	--	--
Multiple	8.0	7.9	16.4	9.5	6.1	8.0	6.2	10.9	6.9	6.6	12.4	6.0	--	--	--
Source of injury, illness:															
Chemical, chemical products	1.2	2.7	--	4.2	2.2	.7	.6	--	--	--	.5	2.6	--	--	--
Containers	14.5	8.0	--	2.7	11.5	16.6	28.5	--	25.9	12.8	5.5	9.0	--	--	--
Furniture, fixtures	3.5	2.1	3.3	--	2.5	4.0	2.8	--	--	3.6	5.5	9.0	--	--	--
Machinery	5.6	11.3	4.9	6.2	14.8	3.7	3.7	6.5	10.3	2.7	1.4	8.2	--	--	--
Parts and materials	9.2	19.8	14.8	17.2	21.8	5.7	8.6	--	--	12.0	.5	1.5	--	--	--
Person, injured or ill worker	13.3	14.2	8.2	17.5	13.0	12.9	11.9	19.6	17.2	16.9	14.6	11.6	--	--	--
Worker motion or position	12.7	13.7	8.2	16.0	13.0	12.4	11.7	13.0	10.3	16.4	14.3	11.6	--	--	--
Person, other than injured or ill workers	8.3	.6	--	--	1.0	10.8	.7	--	--	5.2	34.4	3.4	--	--	--
Health care patient	6.6	--	--	--	--	8.7	--	--	--	2.2	30.4	--	--	--	--
Floors, walkways, ground surfaces	17.5	10.5	9.8	9.5	11.1	19.8	19.7	17.4	12.1	20.2	19.5	33.2	--	--	--
Ladder	1.5	2.4	3.3	5.0	1.0	1.2	1.1	26.1	5.2	--	.4	.7	--	--	--
Handtools	4.9	6.2	--	7.4	5.9	4.4	1.7	--	--	4.1	1.0	6.7	41.9	--	--
Vehicles	9.1	5.6	11.5	4.7	5.4	10.3	14.5	13.0	15.5	10.1	6.9	3.0	--	--	--
Trucks	2.3	2.2	--	2.4	2.0	2.3	4.6	6.5	--	1.4	--	--	--	--	--
Cart, dolly, hand truck - nonpowered	1.3	.9	--	--	.8	1.4	1.7	--	--	2.5	.8	--	--	--	--

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, 2019

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	94.9	114.7	115.5	140.6	103.8	89.9	142.0	65.1	19.0	51.9	90.5	83.3	125.5	--	
Nature of injury, illness:															
Fractures	11.6	18.3	38.9	16.4	17.2	9.8	18.5	--	1.7	5.3	9.0	8.0	8.7	--	
Sprains, strains, tears	31.0	27.3	26.1	27.4	27.4	31.9	56.7	31.4	4.4	11.7	37.7	25.5	11.4	--	
Amputations	.5	1.5	3.0	--	1.9	.3	.5	--	--	--	--	--	--	--	
Bruise, contusions	9.3	7.3	10.2	7.5	7.0	9.8	16.6	3.2	2.1	6.4	9.4	11.3	--	--	
Chemical burns and corrosions	.3	.9	--	--	1.3	.2	.2	--	--	--	--	1.2	--	--	
Heat (thermal) burns	1.2	3.3	--	6.2	2.3	.7	.3	--	--	--	.5	4.0	--	--	
Soreness, pain	14.4	16.5	7.8	32.2	10.6	13.8	19.4	14.2	4.1	11.9	15.2	10.4	--	--	
Cuts, lacerations, punctures	8.5	12.2	3.6	17.8	10.7	7.5	10.2	--	--	2.6	2.1	11.3	63.4	--	
Cuts, lacerations	7.0	9.3	--	11.8	8.9	6.4	9.7	--	--	1.2	1.4	11.2	51.3	--	
Punctures (except gunshot wounds)	1.5	2.9	--	6.0	1.8	1.1	.5	--	--	1.3	.6	--	12.0	--	
Carpal tunnel syndrome	.6	1.7	--	2.7	1.5	.3	.4	--	--	--	--	--	--	--	
Tendonitis	.1	.2	--	--	.3	.1	--	--	--	--	.2	--	--	--	
Multiple traumatic injuries	2.5	3.0	9.5	3.7	2.1	2.4	2.0	--	2.7	4.6	2.0	.7	--	--	
With sprains and other injuries	1.1	.9	--	--	1.2	1.2	1.4	--	--	1.0	1.3	.6	--	--	
With fractures and other injuries	.3	1.2	--	3.2	.4	.1	--	--	--	--	.2	--	--	--	
Part of body affected:															
Head	10.5	14.2	7.7	25.7	9.9	9.5	11.4	--	.8	6.3	9.8	11.0	33.3	--	
Eye	2.6	4.6	--	2.5	5.7	2.1	1.9	--	--	--	1.4	1.9	23.7	--	
Neck	1.1	.7	--	--	1.0	1.1	1.5	--	--	--	2.2	--	--	--	
Trunk	18.4	19.0	22.1	25.3	16.0	18.2	31.8	14.6	5.5	10.8	21.1	7.3	--	--	
Back	11.7	9.0	7.6	9.8	8.8	12.4	20.8	9.2	3.8	7.5	15.8	3.8	--	--	
Upper extremities	30.9	39.7	25.7	32.9	43.8	28.6	53.7	22.2	5.0	11.2	22.4	31.0	46.8	--	
Shoulder	7.4	8.8	9.4	11.2	7.7	7.0	11.7	11.7	2.3	4.7	7.9	2.2	--	--	
Arm	6.6	5.8	5.2	7.2	5.3	6.8	18.0	5.3	--	1.0	4.4	4.4	--	--	
Wrist	3.4	3.5	--	4.2	3.4	3.3	4.7	--	--	1.6	3.5	5.5	--	--	
Hand	11.6	18.4	9.4	7.8	23.7	9.8	16.1	5.2	1.4	2.8	5.1	17.1	40.1	--	
Lower extremities	24.4	30.6	40.4	42.3	24.8	22.8	32.1	19.3	4.2	19.3	20.0	27.0	32.8	--	
Knee	10.3	9.9	4.8	21.2	5.6	10.4	12.4	14.8	--	9.2	7.4	17.3	28.2	--	
Ankle	4.7	4.7	4.9	6.4	4.0	4.7	7.8	3.1	.8	1.8	6.1	4.4	--	--	
Foot	5.5	10.3	3.7	11.3	10.4	4.2	6.6	--	1.0	4.7	3.2	3.8	--	--	
Toe, toenail	.9	1.4	--	--	1.5	.8	1.7	--	--	.6	.7	.8	--	--	
Body systems	1.2	.9	--	--	1.1	1.3	1.2	--	1.6	.5	2.2	1.1	--	--	
Multiple	7.6	9.0	18.4	13.3	6.4	7.2	8.9	7.0	1.2	3.4	11.2	5.1	--	--	
Source of injury, illness:															
Chemical, chemical products	1.1	3.1	--	5.9	2.2	.6	.9	--	--	--	.4	2.1	--	--	
Containers	13.7	9.1	--	3.9	12.0	14.9	40.4	--	4.9	6.7	5.0	7.4	--	--	
Furniture, fixtures	3.3	2.4	4.6	--	2.6	3.6	4.0	--	--	1.9	4.9	7.4	--	--	
Machinery	5.3	13.0	6.6	8.7	15.4	3.3	5.2	4.4	2.1	1.5	1.3	6.9	--	--	
Parts and materials	8.7	22.7	16.3	24.4	22.7	5.1	12.1	--	--	6.2	.5	1.4	--	--	
Person, injured or ill worker	12.6	16.3	9.0	24.6	13.5	11.6	17.0	12.0	3.3	8.8	13.2	9.8	--	--	
Worker motion or position	12.1	15.8	9.0	22.6	13.5	11.1	16.6	8.6	1.9	8.5	13.0	9.5	--	--	
Person, other than injured or ill workers	7.9	.6	--	--	1.0	9.7	1.0	--	--	2.7	31.1	2.8	--	--	
Health care patient	6.2	--	--	--	--	7.9	--	--	--	1.2	27.5	--	--	--	
Floors, walkways, ground surfaces	16.6	12.1	12.0	13.5	11.5	17.8	28.0	11.6	2.4	10.4	17.6	27.8	--	--	
Ladder	1.4	2.8	4.5	6.9	1.0	1.1	1.6	17.1	1.1	--	.3	.6	--	--	
Handtools	4.6	7.1	--	10.4	6.2	4.0	2.4	--	--	2.1	.9	5.6	52.2	--	
Vehicles	8.7	6.3	13.6	6.5	5.6	9.3	20.6	8.1	3.0	5.2	6.2	2.5	--	--	
Trucks	2.1	2.5	--	3.5	2.2	2.0	6.4	4.4	--	.7	--	--	--	--	
Cart, dolly, hand truck - nonpowered	1.2	1.1	--	--	.8	1.2	2.4	--	--	1.3	.8	--	--	--	

Event or exposure:															
Violence and other injuries by persons or animal	4.4	.8	--	--	1.0	5.3	.5	--	--	3.4	13.2	3.2	11.7	--	--
Intentional injury by other person	2.7	.6	--	--	.9	3.2	--	--	--	2.1	9.7	.6	--	--	--
Injury by person - unintentional or intent unknown	.8	--	--	--	--	1.0	--	--	--	--	2.6	2.2	--	--	--
Animal and insect related incidents	1.0	.2	--	--	--	1.1	.3	--	--	1.2	.9	--	11.3	--	--
Transportation incidents	4.4	2.9	4.2	4.7	1.9	4.9	10.4	3.4	2.9	1.4	4.8	1.3	--	--	--
Roadway incidents involving motorized land vehicles	3.2	1.7	--	4.2	.6	3.5	6.3	3.4	2.8	1.3	4.2	1.0	--	--	--
Fires and explosions	.5	2.5	--	5.9	.4	--	--	--	--	--	--	--	--	--	--
Falls, slips, trips	25.6	26.8	21.5	53.1	16.2	25.4	39.6	21.1	4.2	13.5	25.7	38.9	8.2	--	--
Slips, trips without fall	4.3	2.9	--	3.3	2.7	4.7	7.1	--	--	1.6	6.3	6.4	--	--	--
Fall on same level	15.8	11.0	9.6	11.6	10.8	17.1	26.6	7.7	2.4	10.2	16.4	28.8	--	--	--
Fall to lower level	5.2	12.7	9.5	38.0	2.4	3.3	5.2	12.4	1.3	1.7	2.9	3.3	--	--	--
Exposure to harmful substances or environments	2.6	4.2	3.9	2.0	5.1	2.2	2.3	4.6	.9	.5	2.2	6.9	--	--	--
Contact with object, equipment	25.5	43.2	52.7	33.6	46.3	20.9	35.1	3.0	4.0	11.8	10.2	21.4	94.0	--	--
Struck by object or equipment	14.2	20.1	39.4	17.4	19.4	12.7	21.4	--	1.3	9.4	5.1	13.4	54.8	--	--
Struck against object or equipment	4.8	8.4	5.7	13.9	6.3	3.9	7.3	--	--	1.0	3.5	6.6	--	--	--
Caught in or compressed by object or equipment	4.2	10.8	5.4	--	15.3	2.5	4.9	--	--	--	1.2	1.0	12.4	--	--
Overexertion and bodily reaction	31.4	34.2	22.5	40.5	32.6	30.7	53.8	29.6	7.0	21.4	33.0	11.5	10.6	--	--
Repetitive motion involving microtasks	1.7	3.9	--	2.7	4.7	1.1	1.3	--	1.1	1.2	1.1	.6	--	--	--
Overexertion in lifting or lowering	9.9	8.2	6.2	6.6	9.0	10.3	22.6	10.3	3.0	4.6	8.4	4.9	--	--	--

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 Excludes farms with fewer than 11 employees.

⁴ Data for Mining (Sector 21 in the North American Industry Classification System) include establishments not governed by the Mine Safety and Health Administration (MSHA) rules and reporting, such as those in oil and gas extraction and related support activities. Data for mining operators in coal, metal, and nonmetal mining are provided to BLS by the Mine Safety and Health Administration, U.S. Department of Labor. Independent mining contractors are excluded from the coal, metal, and nonmetal mining industries. These data do not reflect changes the Occupational Safety and Health Administration made to its recordkeeping requirements effective January 1, 2002; therefore, estimates for these industries are not comparable to estimates of other industries.

⁵ Data for employers in 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, November 05, 2020

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, November 05, 2020

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, 2019

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	13.0	12.6	15.4	10.0	11.6	6.7	30.6	10
Management occupations	100.0	4.5	5.4	49.5	14.4	7.2	3.6	15.3	4
Business and financial operations occupations	100.0	8.0	20.0	--	12.0	32.0	--	24.0	16
Computer and mathematical occupations	100.0	--	25.0	25.0	--	--	--	37.5	5
Architecture and engineering occupations	100.0	--	--	--	--	--	--	60.0	34
Life, physical, and social science occupations	100.0	--	--	--	--	--	--	28.6	6
Community and social service occupations	100.0	23.1	19.2	15.4	11.5	7.7	--	19.2	3
Legal occupations	--	--	--	--	--	--	--	--	--
Educational instruction and library occupations	100.0	19.1	13.2	11.8	11.8	7.4	4.4	32.4	9
Arts, design, entertainment, sports, and media occupations	100.0	--	18.8	--	--	--	--	62.5	49
Healthcare practitioners and technical occupations	100.0	12.7	12.7	17.9	11.9	12.3	6.0	26.2	7
Healthcare support occupations	100.0	15.1	13.1	18.3	12.8	9.6	2.9	28.5	6
Protective service occupations	100.0	27.5	3.9	15.7	17.6	9.8	13.7	11.8	7
Food preparation and serving related occupations	100.0	12.6	12.6	23.3	12.1	14.4	6.0	19.5	6
Building and grounds cleaning and maintenance occupations	100.0	12.4	18.4	10.2	8.3	8.6	3.4	38.3	12
Personal care and service occupations	100.0	4.8	50.0	4.8	23.8	3.6	2.4	11.9	2
Sales and related occupations	100.0	13.0	13.0	14.1	9.0	6.8	7.9	36.2	12
Office and administrative support occupations	100.0	14.1	7.1	21.2	7.6	10.0	4.7	35.9	12
Farming, fishing, and forestry occupations	100.0	9.1	--	--	18.2	--	--	59.1	168
Construction and extraction occupations	100.0	8.0	4.6	9.1	7.1	21.4	15.1	34.6	20
Installation, maintenance, and repair occupations	100.0	19.3	17.1	11.6	5.2	13.1	12.1	21.5	6
Production occupations	100.0	16.2	14.3	14.1	12.9	10.3	6.3	25.7	6
Transportation and material moving occupations	100.0	11.0	9.6	15.1	8.6	11.4	5.5	38.6	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, November 05, 2020

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, 2019

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	13.0	12.6	15.4	10.0	11.6	6.7	30.6	10
Laborers and freight, stock, and material movers, hand	100.0	10.8	11.8	19.0	7.2	12.8	5.6	32.8	11
Heavy and tractor-trailer truck drivers	100.0	3.2	6.5	17.5	9.7	11.1	6.5	45.6	22
Construction laborers	100.0	13.4	--	3.5	2.8	40.8	9.9	28.9	15
Nursing assistants	100.0	12.3	13.8	18.5	11.5	7.7	2.3	33.8	7
Janitors and cleaners, except maids and housekeeping cleaners	100.0	12.6	4.7	11.0	8.7	8.7	4.7	50.4	32
Personal care aides	100.0	18.1	14.7	18.1	14.7	10.3	2.6	21.6	5
Stockers and order fillers	100.0	7.3	6.4	14.5	10.9	16.4	8.2	37.3	16
Maintenance and repair workers, general	100.0	4.8	4.8	11.4	8.6	19.0	28.6	23.8	21
Retail salespersons	100.0	9.9	13.9	16.8	6.9	8.9	7.9	35.6	14
Registered nurses	100.0	12.4	16.5	10.3	9.3	14.4	6.2	32.0	12
Automotive service technicians and mechanics	100.0	7.3	56.3	21.9	--	4.2	2.1	9.4	2
Light truck drivers	100.0	5.4	12.9	7.5	3.2	5.4	7.5	58.1	50
Landscaping and groundskeeping workers	100.0	4.9	62.3	3.3	8.2	--	--	19.7	2
Welding, soldering, and brazing machine setters, operators, and tenders	100.0	17.2	10.3	5.2	44.8	13.8	3.4	6.9	6
Packers and packagers, hand	100.0	73.2	5.4	7.1	--	3.6	--	10.7	1
Carpenters	100.0	7.1	16.1	16.1	10.7	10.7	3.6	37.5	11
Maids and housekeeping cleaners	100.0	18.2	9.1	16.4	7.3	10.9	3.6	32.7	8
Plumbers, pipefitters, and steamfitters	100.0	--	--	--	--	--	54.9	13.7	21
Production, planning, and expediting clerks	100.0	--	--	--	--	--	--	49.0	30
Food preparation workers	100.0	12.8	8.5	27.7	8.5	19.1	6.4	17.0	6
Driver/sales workers	100.0	--	--	11.4	20.5	18.2	--	45.5	20
Computer, automated teller, and office machine repairers	100.0	--	--	--	--	--	--	--	1
Preschool teachers, except special education	100.0	--	17.9	--	--	--	--	48.7	9
First-line supervisors of retail sales workers	100.0	16.7	5.6	13.9	8.3	--	13.9	41.7	22
Machinists	100.0	27.8	30.6	16.7	--	8.3	--	11.1	2
Construction managers	100.0	--	--	--	--	--	--	--	3

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, November 05, 2020

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, 2019

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	13.0	12.6	15.4	10.0	11.6	6.7	30.6	10
Goods producing	100.0	12.1	7.1	15.1	8.2	15.9	10.3	31.4	15
Natural resources and mining ^{2,3}	100.0	4.9	8.2	4.9	9.8	8.2	8.2	55.7	46
Construction	100.0	11.9	4.5	19.0	4.5	17.2	15.4	27.6	15
Manufacturing	100.0	13.2	8.4	13.8	9.9	15.9	7.6	31.0	13
Service providing	100.0	13.3	14.4	15.5	10.7	10.3	5.6	30.3	8
Trade transportation and utilities	100.0	15.8	10.5	15.6	7.5	10.1	4.8	35.7	11
Information	100.0	--	13.0	8.7	4.3	15.2	8.7	47.8	30
Financial activities	100.0	10.3	15.5	19.0	8.6	12.1	--	32.8	10
Professional and business services	100.0	9.6	16.4	11.5	15.3	8.7	11.5	27.0	8
Educational and health services	100.0	14.4	11.7	18.3	11.8	11.8	4.6	27.5	7
Leisure and hospitality	100.0	12.3	10.1	16.8	16.8	11.2	4.1	28.4	7
Other services (except public administration)	100.0	--	59.9	9.3	11.6	--	--	8.1	2

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 changes the Occupational Safety and Health Administration made to its recordkeeping requirements effective January 1, 2002; therefore, estimates for these industries are not comparable to estimates of other industries.

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, November 05, 2020.

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, 2019

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	40,130	9,900	610	3,370	5,930	30,220	12,720	460	580	3,660	8,410	2,680	1,720	--	
Time of event:															
12:01 AM - 4:00 AM	1,720	460	20	--	440	1,260	800	--	--	130	250	50	--	--	
4:01 AM - 8:00 AM	3,470	1,080	70	200	810	2,390	1,230	--	40	230	710	40	120	--	
8:01 AM - 12:00 PM	12,200	3,320	90	1,510	1,720	8,880	3,780	270	270	760	2,430	690	680	--	
12:01 PM - 4:00 PM	9,870	2,000	80	620	1,300	7,870	3,310	60	130	1,510	1,990	510	380	--	
4:01 PM - 8:00 PM	5,050	990	50	370	580	4,060	1,500	60	30	230	1,340	560	340	--	
8:01 PM - 12:00 AM	2,360	440	30	--	400	1,920	680	--	--	290	640	270	--	--	
Not reported	5,460	1,610	260	660	690	3,850	1,410	40	90	520	1,060	560	180	--	
Hours on the job before event occurred:															
Occurred before shift began	340	120	--	--	60	220	30	--	--	--	120	--	--	--	
Less than 1 hour	3,400	950	--	440	500	2,460	1,040	30	20	400	750	110	110	--	
1 - 2 hours	4,640	1,050	--	370	680	3,580	1,480	110	50	190	970	410	380	--	
2 - 4 hours	8,650	1,900	30	660	1,210	6,750	2,750	100	170	510	1,880	760	580	--	
4 - 6 hours	6,300	1,520	30	370	1,120	4,780	2,190	120	140	400	1,420	400	--	--	
6 - 8 hours	5,650	1,400	40	260	1,100	4,250	1,660	40	60	1,020	1,110	310	--	--	
8 - 10 hours	3,360	680	--	240	440	2,670	1,350	30	20	380	510	60	--	--	
10 - 12 hours	1,080	440	--	320	100	650	210	--	--	150	270	--	--	--	
12 - 16 hours	510	30	--	--	30	480	190	--	--	40	230	20	--	--	
More than 16 hours	30	--	--	--	--	30	--	--	--	--	--	--	--	--	
Not reported	6,180	1,820	460	660	700	4,350	1,800	40	90	520	1,140	580	180	--	
Day of week:															
Sunday	3,100	210	20	--	170	2,900	1,420	50	--	360	800	270	--	--	
Monday	6,360	1,690	80	410	1,200	4,670	2,290	70	200	370	1,180	430	130	--	
Tuesday	6,550	1,980	90	670	1,210	4,570	1,660	60	110	730	1,170	320	520	--	
Wednesday	8,010	2,120	130	870	1,130	5,890	2,250	80	150	670	1,560	470	720	--	
Thursday	6,810	2,120	200	930	990	4,700	1,830	120	80	730	1,540	290	110	--	
Friday	5,840	1,430	50	440	940	4,400	1,920	50	20	490	1,340	390	190	--	
Saturday	3,450	360	30	50	280	3,090	1,340	40	--	320	820	500	--	--	

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 changes the Occupational Safety and Health Administration made to its recordkeeping requirements effective January 1, 2002; therefore, estimates for these industries are not comparable to estimates of other industries.

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, November 05, 2020

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, 2019

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	4.3	4.6	3.3	--	7.4	4.2	6.3	--	--	3.6	3.0	1.9	--	--	
4:01 AM - 8:00 AM	8.6	10.9	11.5	5.9	13.7	7.9	9.7	--	6.9	6.3	8.4	1.5	7.0	--	
8:01 AM - 12:00 PM	30.4	33.5	14.8	44.8	29.0	29.4	29.7	58.7	46.6	20.8	28.9	25.7	39.5	--	
12:01 PM - 4:00 PM	24.6	20.2	13.1	18.4	21.9	26.0	26.0	13.0	22.4	41.3	23.7	19.0	22.1	--	
4:01 PM - 8:00 PM	12.6	10.0	8.2	11.0	9.8	13.4	11.8	13.0	5.2	6.3	15.9	20.9	19.8	--	
8:01 PM - 12:00 AM	5.9	4.4	4.9	--	6.7	6.4	5.3	--	--	7.9	7.6	10.1	--	--	
Not reported	13.6	16.3	42.6	19.6	11.6	12.7	11.1	8.7	15.5	14.2	12.6	20.9	10.5	--	
Hours on the job before event occurred:															
Occurred before shift began	.8	1.2	--	--	1.0	.7	.2	--	--	--	1.4	--	--	--	
Less than 1 hour	8.5	9.6	--	13.1	8.4	8.1	8.2	6.5	3.4	10.9	8.9	4.1	6.4	--	
1 - 2 hours	11.6	10.6	--	11.0	11.5	11.8	11.6	23.9	8.6	5.2	11.5	15.3	22.1	--	
2 - 4 hours	21.6	19.2	4.9	19.6	20.4	22.3	21.6	21.7	29.3	13.9	22.4	28.4	33.7	--	
4 - 6 hours	15.7	15.4	4.9	11.0	18.9	15.8	17.2	26.1	24.1	10.9	16.9	14.9	--	--	
6 - 8 hours	14.1	14.1	6.6	7.7	18.5	14.1	13.1	8.7	10.3	27.9	13.2	11.6	--	--	
8 - 10 hours	8.4	6.9	--	7.1	7.4	8.8	10.6	6.5	3.4	10.4	6.1	2.2	--	--	
10 - 12 hours	2.7	4.4	--	9.5	1.7	2.2	1.7	--	--	4.1	3.2	--	--	--	
12 - 16 hours	1.3	.3	--	--	.5	1.6	1.5	--	--	1.1	2.7	.7	--	--	
More than 16 hours	.1	--	--	--	--	.1	--	--	--	--	--	--	--	--	
Not reported	15.4	18.4	75.4	19.6	11.8	14.4	14.2	8.7	15.5	14.2	13.6	21.6	10.5	--	
Day of week:															
Sunday	7.7	2.1	3.3	--	2.9	9.6	11.2	10.9	--	9.8	9.5	10.1	--	--	
Monday	15.8	17.1	13.1	12.2	20.2	15.5	18.0	15.2	34.5	10.1	14.0	16.0	7.6	--	
Tuesday	16.3	20.0	14.8	19.9	20.4	15.1	13.1	13.0	19.0	19.9	13.9	11.9	30.2	--	
Wednesday	20.0	21.4	21.3	25.8	19.1	19.5	17.7	17.4	25.9	18.3	18.5	17.5	41.9	--	
Thursday	17.0	21.4	32.8	27.6	16.7	15.6	14.4	26.1	13.8	19.9	18.3	10.8	6.4	--	
Friday	14.6	14.4	8.2	13.1	15.9	14.6	15.1	10.9	3.4	13.4	15.9	14.6	11.0	--	
Saturday	8.6	3.6	4.9	1.5	4.7	10.2	10.5	8.7	--	8.7	9.8	18.7	--	--	

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 changes the Occupational Safety and Health Administration made to its recordkeeping requirements effective January 1, 2002; therefore, estimates for these industries are not comparable to estimates of other industries.

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, November 05, 2020

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, 2019

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	13.0	12.6	15.4	10.0	11.6	6.7	30.6	10
Time of event:									
12:01AM - 4:00 AM	100.0	9.9	8.1	16.3	7.6	15.1	8.1	34.9	14
4:01AM - 8:00 AM	100.0	10.7	7.5	15.3	12.1	14.1	6.6	33.4	12
8:01AM - 12:00 PM	100.0	9.6	13.0	15.8	9.5	11.6	7.1	33.2	12
12:01PM - 4:00 PM	100.0	15.1	17.4	13.6	10.1	10.7	6.9	26.0	7
4:01PM - 8:00 PM	100.0	11.7	16.0	15.4	12.3	12.9	4.8	26.9	7
8:01 PM - 12:00 AM	100.0	13.6	7.2	23.3	9.3	11.0	7.2	28.0	9
Time not reported	100.0	20.1	6.8	13.9	8.8	9.5	6.6	34.1	11
Hours on the job before event occurred:									
Before shift began	100.0	14.7	8.8	8.8	5.9	5.9	8.8	47.1	25
Less than 1 hour	100.0	11.2	7.4	28.5	9.7	9.4	2.9	31.2	7
1 - 2 hours	100.0	8.8	18.3	13.4	8.0	11.9	4.3	35.1	12
2 - 4 hours	100.0	13.2	15.5	11.8	11.7	11.4	9.4	27.2	9
4 - 6 hours	100.0	11.3	12.1	15.2	10.8	11.3	6.2	33.0	11
6 - 8 hours	100.0	11.0	14.7	14.5	12.6	14.3	3.7	29.2	9
8 - 10 hours	100.0	19.0	14.6	15.5	6.0	8.9	12.8	23.2	6
10 - 12 hours	100.0	7.4	3.7	19.4	15.7	24.1	8.3	22.2	12
12 - 16 hours	100.0	11.8	9.8	31.4	3.9	17.6	--	27.5	4
More than 16 hours	100.0	--	--	--	--	--	--	--	14
Hours not reported	100.0	18.4	6.8	14.2	8.6	10.0	7.0	35.0	14
Day of week:									
Sunday	100.0	23.2	5.5	13.9	9.4	9.4	12.3	26.8	10
Monday	100.0	12.1	10.5	14.5	11.8	9.6	4.1	37.4	12
Tuesday	100.0	11.6	13.9	13.3	12.7	16.0	5.2	27.3	9
Wednesday	100.0	9.7	20.6	19.6	6.1	13.4	6.1	24.3	5
Thursday	100.0	12.0	9.1	14.5	10.4	11.3	11.0	31.9	13
Friday	100.0	12.0	8.9	18.5	10.8	8.6	4.5	36.6	10
Saturday	100.0	19.7	15.1	9.0	9.9	11.0	6.1	29.3	9

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, November 05, 2020

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, 2019

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	94.9	10.5	2.6	1.1	18.4	11.7	30.9	7.4	6.6	11.6	3.4	24.4	10.3	4.7	5.5	1.2	7.6	.9	
Gender:																			
Male	105.8	13.0	4.0	.7	20.9	11.9	33.4	8.8	6.6	12.7	2.8	29.6	13.6	4.4	7.0	.9	6.5	.9	
Female	81.3	7.4	.8	1.5	15.3	11.5	27.8	5.6	6.6	10.1	4.1	17.9	6.2	5.1	3.6	1.7	8.8	.8	
Age:																			
14 - 15	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
16 - 19	120.6	24.8	2.4	--	28.8	5.6	34.5	4.6	5.2	18.3	3.9	23.5	5.6	5.0	9.3	2.2	5.8	--	
20 - 24	100.0	14.5	2.1	.9	18.2	13.4	27.8	4.0	3.7	16.3	1.1	30.8	4.1	5.6	14.8	1.0	5.7	.9	
25 - 34	73.3	9.2	2.1	1.0	16.3	13.2	21.6	5.5	2.6	10.5	2.1	16.2	3.7	5.9	3.5	1.5	6.2	1.3	
35 - 44	81.2	8.8	5.7	.8	17.8	13.2	30.1	5.8	3.4	14.5	4.7	18.8	8.7	4.1	3.3	.9	3.8	.3	
45 - 54	110.9	16.1	2.7	2.4	19.4	13.0	34.6	10.4	6.6	11.0	3.4	24.6	9.1	4.5	6.6	1.4	11.0	1.5	
55 - 64	113.2	6.0	.6	.5	21.6	9.9	35.3	10.8	9.7	8.5	4.0	36.6	21.8	4.6	5.1	1.0	11.4	.6	
65 and over	100.8	7.3	.7	--	11.5	3.4	45.7	6.1	26.3	7.4	4.9	27.5	19.1	1.9	3.6	1.1	6.9	--	
Major occupational group:																			
Management occupations	44.6	18.2	--	--	4.9	2.7	3.2	--	1.7	--	.6	10.8	6.4	.9	2.2	--	6.5	--	
Business and financial operations occupations	10.6	--	--	--	1.1	1.1	1.3	--	.6	--	--	4.2	--	.7	2.3	--	1.8	--	
Computer and mathematical occupations	5.4	1.3	--	--	--	--	--	--	--	--	--	2.9	--	--	--	--	--	--	
Architecture and engineering occupations	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
Life, physical, and social science occupations	17.8	--	--	--	--	--	7.4	--	--	--	--	--	--	--	--	--	--	--	
Community and social service occupations	38.1	6.8	--	--	6.8	3.6	7.0	--	2.7	2.6	--	9.0	2.8	5.4	--	--	6.8	--	
Legal occupations	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
Educational instruction and library occupations	70.1	7.0	--	8.0	3.3	--	16.0	--	6.8	--	6.7	26.4	--	9.4	7.5	7.5	1.9	--	
Arts, design, entertainment, sports, and media occupations	35.9	14.3	--	--	9.0	--	--	--	--	--	--	10.5	7.4	--	--	--	--	--	
Healthcare practitioners and technical occupations	77.0	8.8	1.5	.7	18.8	16.4	21.3	8.5	2.6	5.0	3.4	14.8	4.9	6.4	1.7	.6	11.5	--	
Healthcare support occupations	119.3	11.4	1.5	2.7	37.5	28.6	30.7	11.9	4.6	8.4	3.5	19.0	8.4	3.5	3.2	1.4	15.4	1.1	
Protective service occupations	104.4	27.2	--	--	12.5	5.6	6.1	--	--	--	--	43.3	17.5	16.0	8.2	--	13.4	--	
Food preparation and serving related occupations	70.4	5.9	1.8	--	8.3	3.3	36.4	1.6	5.0	23.3	4.8	15.0	5.2	5.3	3.7	--	4.3	--	
Building and grounds cleaning and maintenance occupations	217.0	11.3	--	1.7	43.6	29.1	47.5	17.4	5.9	12.9	10.1	92.2	59.9	9.3	10.3	--	17.5	2.0	
Personal care and service occupations	85.1	11.3	--	--	3.2	2.8	42.0	--	--	38.0	2.0	16.1	6.1	--	7.1	1.7	9.5	--	
Sales and related occupations	40.9	6.2	.4	.5	5.4	3.2	18.2	3.6	5.1	6.6	1.4	6.9	2.6	.9	2.6	.8	2.8	--	
Office and administrative support occupations	30.0	2.0	--	.5	2.6	1.5	14.6	3.0	9.0	1.2	.7	6.2	2.6	2.1	.9	1.5	2.7	--	
Farming, fishing, and forestry occupations	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
Construction and extraction occupations	175.6	16.1	1.6	--	40.4	17.5	48.9	21.4	7.7	12.2	4.2	56.3	24.7	6.3	23.0	--	13.2	--	
Installation, maintenance, and repair occupations	184.9	23.2	18.2	--	28.0	18.2	69.5	11.7	26.2	23.7	2.9	50.2	28.5	3.7	10.7	1.2	9.4	2.7	
Production occupations	134.7	22.2	9.3	--	18.9	8.6	52.4	11.9	5.5	28.9	3.9	30.0	14.1	5.0	5.9	1.7	8.2	.9	
Transportation and material moving occupations	201.2	12.4	2.5	3.1	52.2	35.6	64.3	15.9	11.4	22.1	9.5	52.9	17.3	12.3	11.8	2.0	12.4	1.8	

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 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, November 05, 2020

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, 2019

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	94.9	31.0	11.6	8.5	7.0	1.5	9.3	1.2	.3	.5	.6	.1	2.5	.3	1.1	14.4	15.0	
Gender:																		
Male	105.8	32.9	11.3	10.9	9.1	1.8	9.2	1.5	.5	.9	.6	.1	2.9	.5	.9	16.4	18.6	
Female	81.3	28.5	12.0	5.6	4.5	1.1	9.2	.9	--	--	.5	.1	2.0	.2	1.5	11.9	10.4	
Age:																		
14 - 15	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
16 - 19	120.6	27.4	11.9	21.6	21.5	--	18.9	--	--	--	--	--	1.8	--	--	28.7	8.7	
20 - 24	100.0	23.7	17.4	11.0	8.1	2.9	15.3	2.9	--	--	--	--	1.6	.5	.8	10.3	17.3	
25 - 34	73.3	28.3	5.1	7.6	5.8	1.8	6.5	1.6	.2	.5	--	--	2.2	.4	1.0	9.7	11.5	
35 - 44	81.2	25.4	9.6	10.2	9.0	1.2	7.8	.6	.4	.6	1.3	.2	1.2	--	1.0	9.9	13.9	
45 - 54	110.9	36.9	10.5	5.3	5.0	.3	8.0	2.1	.6	1.0	.7	--	5.8	.6	1.9	20.2	19.9	
55 - 64	113.2	37.3	17.4	5.3	3.3	2.1	10.9	.5	--	.2	.8	--	1.6	.4	.9	21.4	17.7	
65 and over	100.8	33.2	19.7	16.6	15.4	1.2	11.8	--	--	--	--	--	2.0	--	1.3	8.7	7.9	
Major occupational group:																		
Management occupations	44.6	8.7	4.6	--	--	--	2.7	--	--	--	--	--	1.0	--	--	6.4	20.1	
Business and financial operations occupations	10.6	2.0	1.2	--	--	--	--	--	--	--	--	--	--	--	--	4.8	1.5	
Computer and mathematical occupations	5.4	2.1	--	--	--	--	--	--	--	--	--	--	--	--	--	1.2	--	
Architecture and engineering occupations	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
Life, physical, and social science occupations	17.8	--	--	--	--	--	5.7	--	--	--	--	--	--	--	--	--	4.7	
Community and social service occupations	38.1	17.0	3.3	2.2	2.2	--	4.4	--	--	--	--	--	--	--	--	4.3	5.8	
Legal occupations	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
Educational instruction and library occupations	70.1	14.1	9.9	--	--	--	4.0	--	--	--	--	--	--	--	--	23.3	17.8	
Arts, design, entertainment, sports, and media occupations	35.9	--	--	--	--	--	12.3	--	--	--	--	--	--	--	--	--	16.1	
Healthcare practitioners and technical occupations	77.0	36.1	7.2	2.1	.5	1.5	8.8	--	--	--	--	--	4.0	--	3.4	9.9	8.7	
Healthcare support occupations	119.3	57.8	8.7	2.8	1.3	1.5	12.2	--	--	--	--	--	2.5	--	2.0	22.0	12.6	
Protective service occupations	104.4	28.9	14.9	--	--	--	9.3	--	--	--	--	--	--	--	--	22.0	27.4	
Food preparation and serving related occupations	70.4	17.1	6.8	15.9	15.5	--	7.7	5.7	1.0	--	--	--	--	--	--	8.4	7.5	
Building and grounds cleaning and maintenance occupations	217.0	67.7	17.2	39.3	36.2	3.2	19.4	--	--	--	1.7	--	5.3	2.6	1.9	43.8	21.5	
Personal care and service occupations	85.1	6.9	7.0	52.3	36.5	15.8	4.7	--	--	--	--	--	--	--	--	3.9	8.9	
Sales and related occupations	40.9	12.7	6.0	5.2	4.9	--	7.2	--	--	--	--	--	--	--	--	4.6	4.6	
Office and administrative support occupations	30.0	6.5	11.7	.5	--	.3	1.6	--	--	--	--	--	.6	--	.5	3.5	5.3	
Farming, fishing, and forestry occupations	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
Construction and extraction occupations	175.6	43.4	36.9	20.0	12.6	7.3	7.2	7.7	--	--	3.6	--	3.1	2.3	--	36.5	16.7	
Installation, maintenance, and repair occupations	184.9	59.6	10.8	11.8	10.3	1.5	12.7	1.0	--	2.5	--	--	4.4	--	1.9	34.4	46.1	
Production occupations	134.7	31.2	14.2	14.9	12.7	2.2	13.5	3.0	1.9	2.5	1.8	--	9.5	--	1.5	15.4	26.6	
Transportation and material moving occupations	201.2	85.3	21.8	10.1	9.4	.7	24.9	.4	--	1.1	.9	--	4.1	.4	2.9	25.5	26.9	

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, November 05, 2020

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, 2019

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	94.9	1.1	13.7	3.3	5.3	8.7	7.9	6.2	12.6	12.1	16.6	4.6	8.7	11.0
Gender:														
Male	105.8	1.7	16.1	2.6	7.5	14.5	3.7	2.5	14.2	13.7	13.0	6.2	10.6	13.8
Female	81.3	.5	11.0	4.2	2.6	1.5	13.2	11.0	10.6	10.1	21.2	2.7	6.1	7.1
Age:														
14 - 15	--	--	--	--	--	--	--	--	--	--	--	--	--	--
16 - 19	120.6	3.4	10.3	9.1	6.9	17.2	2.0	1.9	7.5	7.0	9.2	12.8	14.0	26.8
20 - 24	100.0	.6	14.6	4.0	6.8	14.6	11.2	9.1	8.2	8.1	12.2	5.3	8.2	12.4
25 - 34	73.3	.6	13.6	2.5	3.9	6.2	9.7	7.5	9.5	9.1	6.8	2.7	6.4	10.7
35 - 44	81.2	.8	10.3	2.4	4.1	8.7	8.5	6.4	10.1	9.6	12.0	6.1	7.1	10.4
45 - 54	110.9	3.0	17.8	2.8	5.8	9.8	8.7	7.7	13.5	12.8	19.3	3.2	12.6	13.2
55 - 64	113.2	.3	11.7	5.1	7.0	8.4	5.2	3.8	24.2	23.6	28.3	2.5	8.2	9.3
65 and over	100.8	.6	19.1	3.1	4.7	4.5	2.4	2.1	2.8	2.8	33.9	13.1	10.9	3.9
Major occupational group:														
Management occupations	44.6	--	1.8	1.5	--	.9	7.7	2.8	8.6	8.2	4.3	--	2.5	17.1
Business and financial operations occupations	10.6	--	--	--	--	--	--	--	1.8	.9	6.8	--	.8	--
Computer and mathematical occupations	5.4	--	--	--	--	--	--	--	2.0	2.0	1.5	--	--	--
Architecture and engineering occupations	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Life, physical, and social science occupations	17.8	--	--	--	--	--	--	--	--	--	--	--	--	--
Community and social service occupations	38.1	--	--	--	--	--	16.6	15.2	5.7	5.7	6.3	--	6.7	2.2
Legal occupations	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Educational instruction and library occupations	70.1	--	--	9.5	--	--	7.9	2.2	18.6	18.6	19.3	--	--	8.0
Arts, design, entertainment, sports, and media occupations	35.9	--	--	--	--	--	13.9	--	7.5	7.5	3.6	--	5.0	--
Healthcare practitioners and technical occupations	77.0	--	1.6	2.5	1.3	.5	28.8	28.1	11.6	11.5	15.9	--	7.3	6.6
Healthcare support occupations	119.3	--	7.2	4.8	.6	--	56.0	53.4	8.7	8.3	19.7	--	9.0	12.3
Protective service occupations	104.4	--	--	14.3	--	--	43.2	19.2	15.5	15.1	10.7	--	5.6	12.5
Food preparation and serving related occupations	70.4	1.3	10.5	4.9	11.3	.8	--	--	8.0	6.9	17.6	6.4	.8	7.8
Building and grounds cleaning and maintenance occupations	217.0	2.1	30.5	12.9	8.7	8.2	--	--	23.0	23.0	61.1	33.5	8.4	25.2
Personal care and service occupations	85.1	--	2.8	--	--	--	3.8	--	5.6	4.5	9.9	--	5.6	20.5
Sales and related occupations	40.9	--	11.6	3.5	.6	4.0	--	--	3.9	3.3	8.1	1.6	2.3	3.1
Office and administrative support occupations	30.0	--	3.0	.6	--	1.2	1.4	--	4.5	4.0	15.4	--	1.8	1.4
Farming, fishing, and forestry occupations	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Construction and extraction occupations	175.6	7.2	4.3	5.6	12.8	42.5	--	--	29.0	29.0	14.1	17.1	7.3	29.9
Installation, maintenance, and repair occupations	184.9	--	32.4	2.3	20.7	21.4	--	--	32.0	29.8	12.5	7.3	18.6	25.8
Production occupations	134.7	3.8	15.1	2.9	14.9	30.8	--	--	16.4	16.4	19.9	8.9	5.1	16.1
Transportation and material moving occupations	201.2	1.8	56.8	4.1	9.0	17.8	2.0	--	25.5	25.1	31.8	1.6	39.4	10.0

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, November 05, 2020

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, 2019

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	In lifting	Total	Roadway accidents	Total	Intentional injury by other person		Injury by person—unintentional or intent unknown	Animal and insect related incidents			
Total	94.9	25.5	14.2	4.8	4.2	25.6	5.2	15.8	4.3	31.4	9.9	1.7	2.6	4.4	3.2	5	4.4	2.7	.8	1.0	4		
Gender:																							
Male	105.8	34.2	18.3	6.2	6.2	23.6	6.9	12.3	4.2	36.3	11.1	1.5	2.7	4.9	3.4	9	2.9	1.4	.8	.7	3		
Female	81.3	14.5	9.1	3.1	1.7	28.2	3.2	20.4	4.5	25.4	8.4	1.9	2.4	3.9	2.9	--	6.4	4.3	.8	1.3	6		
Age:																							
14 - 15	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--		
16 - 19	120.6	51.2	39.5	6.4	4.1	40.2	23.1	14.2	2.4	17.1	8.7	--	3.9	7.0	5.6	--	--	--	--	--	--		
20 - 24	100.0	42.5	30.7	5.0	4.7	17.5	3.7	11.4	2.3	21.7	9.0	--	4.6	5.3	2.9	--	7.9	4.6	1.3	1.9	5		
25 - 34	73.3	20.7	11.4	5.6	2.3	12.0	2.1	6.1	3.4	26.2	10.1	1.0	3.2	3.2	1.7	6	7.0	4.2	1.3	1.5	4		
35 - 44	81.2	25.6	12.4	4.3	3.4	18.4	3.9	11.5	2.8	29.8	8.0	2.6	2.0	2.5	1.5	--	2.7	2.0	.5	--	--		
45 - 54	110.9	26.1	13.4	6.1	5.9	31.7	9.1	16.5	5.7	36.5	11.3	2.0	3.2	7.4	6.1	1.7	3.6	2.4	.7	.4	7		
55 - 64	113.2	19.9	8.4	4.2	5.6	41.6	6.1	27.2	8.0	42.0	11.5	2.4	1.0	4.0	2.8	--	3.9	1.9	.4	1.6	6		
65 and over	100.8	23.8	18.1	1.3	4.2	39.6	2.9	35.6	7	28.4	7.5	9	1.3	6.2	5.9	--	1.5	8	.6	--	--		
Major occupational group:																							
Management occupations	44.6	3.5	--	3.1	--	26.1	14.7	4.0	7.3	6.0	2.6	--	--	2.0	1.8	--	7.0	6.0	--	--	--		
Business and financial operations occupations	10.6	2.4	--	--	--	5.1	--	4.8	--	1.6	--	--	--	--	--	--	--	--	--	--	--		
Computer and mathematical occupations	5.4	1.4	--	1.2	--	2.8	--	1.4	1.1	1.1	--	--	--	--	--	--	--	--	--	--	--		
Architecture and engineering occupations	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--		
Life, physical, and social science occupations	17.8	6.6	--	--	--	4.7	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--		
Community and social service occupations	38.1	--	--	--	--	9.5	--	5.3	3.0	6.8	--	--	--	6.4	6.4	--	13.8	8.5	5.3	--	--		
Legal occupations	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--		
Educational instruction and library occupations	70.1	9.5	7.0	2.4	--	34.0	--	12.2	14.5	12.2	--	--	7.5	--	--	--	6.8	4.9	1.9	--	--		
Arts, design, entertainment, sports, and media occupations	35.9	5.9	--	4.0	--	4.2	--	--	--	8.7	--	--	--	--	--	--	--	13.9	--	13.9	--		
Healthcare practitioners and technical occupations	77.0	7.9	3.5	2.4	1.2	20.5	1.2	16.5	2.8	30.2	6.3	1.6	1.1	5.7	5.4	--	11.4	8.0	2.4	1.0	--		
Healthcare support occupations	119.3	11.3	4.9	3.8	2.5	25.9	3.5	18.3	4.1	53.6	16.6	--	1.8	8.0	7.9	--	18.0	12.0	2.8	3.2	--		
Protective service occupations	104.4	11.9	--	--	--	31.7	--	21.0	--	8.7	9.3	--	--	4.4	--	--	43.8	39.1	4.2	--	--		
Food preparation and serving related occupations	70.4	26.3	15.1	10.8	--	25.1	3.5	16.8	4.8	11.3	5.2	--	7.4	--	--	--	--	--	--	--	--		
Building and grounds cleaning and maintenance occupations	217.0	66.1	52.0	8.4	2.8	76.5	11.6	56.4	6.2	65.3	29.4	6.7	2.3	5.5	4.5	--	--	--	--	--	--		
Personal care and service occupations	85.1	44.6	41.7	--	--	9.8	--	8.8	--	7.5	--	--	--	1.8	--	--	20.5	2.4	--	17.2	--		
Sales and related occupations	40.9	14.9	10.8	2.2	--	11.3	1.9	8.4	1.1	12.8	5.0	.5	1.0	.5	.5	--	--	--	--	--	--		
Office and administrative support occupations	30.0	3.0	2.2	.6	--	18.0	.8	15.0	2.1	6.8	2.2	.9	--	9	.8	--	1.1	1.0	--	--	--		
Farming, fishing, and forestry occupations	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--		
Construction and extraction occupations	175.6	53.5	34.2	12.9	4.8	40.6	23.9	11.6	4.1	68.0	10.5	3.7	1.0	4.3	3.6	7.1	1.0	--	--	1.0	--		
Installation, maintenance, and repair occupations	184.9	64.0	18.9	10.4	19.4	32.4	10.8	13.1	8.2	74.5	14.7	1.5	4.5	5.6	3.1	2.1	1.2	--	--	1.2	7		
Production occupations	134.7	57.9	28.6	5.2	15.9	23.8	1.8	18.8	2.8	40.3	11.3	6.0	8.7	2.9	1.2	.5	--	--	--	--	5		
Transportation and material moving occupations	201.2	48.0	26.3	9.3	11.3	49.9	9.3	30.2	9.6	81.1	34.0	2.8	2.9	17.8	10.9	--	1.1	--	--	.6	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.

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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, November 05, 2020