



Pennsylvania Work Injuries and Illnesses



2009

Edward G. Rendell
Governor

Sandi Vito, Secretary
Department of Labor & Industry

The Pennsylvania Work Injuries and Illnesses report is published by the
Bureau of Workers' Compensation, Claims Management Division

Questions or comments regarding this report should be forwarded to:

Bureau of Workers' Compensation
Claims Management Division
1171 S. Cameron St., Room 109
Harrisburg, PA 17104-2501
Telephone Number: 717.787.3361

Secretary of Labor & Industry.....Sandi Vito
Director, Bureau of Workers' CompensationJohn T. Kupchinsky
Chief, Claims Management DivisionKathleen M. Dupin
Statistician..... Gerald L. Maffei

BWC Web Information:
www.dli.state.pa.us

Published December 2010

This publication reflects data reported to the
Bureau of Workers' Compensation as of May 10, 2010.



*Auxiliary aids and services are available upon request to individuals with disabilities.
Equal Opportunity Employer/Program*

Scope



The information provided in this publication is based on reports of injuries and illnesses that occurred during 2009 to workers employed by businesses covered by the Pennsylvania Workers' Compensation Act. These reports are filed with the Bureau of Workers' Compensation, Department of Labor & Industry. This publication reflects data reported to the bureau as of May 10, 2010.

Pursuant to the provisions of the Act, all work injuries and illnesses resulting in death, permanent impairment or loss of time beyond a day or shift of occurrence are required to be reported to the bureau.

Federal employees, maritime workers and railroad workers in interstate commerce are covered under their respective federal workers' compensation programs. Injuries and illnesses of these workers are not included in statistics in this publication.

Work Injuries and Illnesses Pennsylvania, 2009

During 2009, 88,973 lost-time work injury and illness cases were reported to the Bureau of Workers' Compensation. This year's total of 88,973 is 14.7 percent lower than the 104,275 reported in 2008.

Fatalities decreased to 100 in 2009 from 154 reported in the previous year.

The work injury and illness rate (the number of lost-time work injuries per 1,000 workers)¹ was 15.9 in 2009. In 2008, the rate was 18.0.

About 64 percent (56,883) of the 88,973 injury and illness cases occurred in Manufacturing, Educational & Health Services, Public Administration and Trade, Transportation & Utilities. There were 21,166 cases from Trade, Transportation & Utilities for 23.8 percent, 18,747 cases from Educational & Health Services for

21.1 percent and 11,135 cases from Manufacturing for 12.5 percent. Of the 100 fatal cases in 2009, 67 percent came from Trade, Transportation & Utilities, Professional & Business Services, Educational & Health Services and Public Administration. The Trade, Transportation & Utilities sector comprised 22 percent of the fatal cases. Professional & Business Services had 19 percent of all fatal cases and Manufacturing had 16.9 percent of all fatal cases. Fatalities in Construction declined from 27 to 10, while fatalities in Manufacturing fell from 26 to 6. Natural Resources and Mining had the highest injury and illness rate among the major industry divisions in 2009 at 44.6. The previous year's high rate was 45, also in Natural Resources and Mining. Of the 12 major industry divisions, 11 showed a decrease in injuries in 2009, while only Information showed a slight increase.

Agriculture, Forestry & Fishing: 644 Injuries

- Most frequent type of injury: sprains and strains: 245 injuries, 38.0 percent
- Body part affected most often: upper extremities: 209 injuries, 32.5 percent
- Most frequent cause of injury: overexertion: 143 injuries, 22.2 percent
- Median age of injured workers: 37.0
- County with the most injured workers: Chester

Natural Resources & Mining: 990 Injuries

- Most frequent type of injury: sprains and strains: 407 injuries, 41.1 percent
- Body part affected most often: upper extremities: 329 injuries, 33.2 percent
- Most frequent cause of injury: overexertion: 280 injuries, 28.3 percent
- Median age of injured workers: 40.5
- County with the most injured workers: Indiana

Construction: 7,397 Injuries

- Most frequent type of injury: sprains and strains: 3,126 injuries, 42.3 percent
- Body part affected most often: upper extremities: 2,458 injuries, 33.2 percent
- Most frequent cause of injury: overexertion: 2,106 injuries, 28.5 percent
- Median age of injured workers: 40.3
- County with the most injured workers: Philadelphia

Manufacturing: 11,135 Injuries

- Most frequent type of injury: sprains and strains: 4,758 injuries, 42.7 percent
- Body part affected most often: upper extremities: 4,713 injuries, 42.3 percent
- Most frequent cause of injury: overexertion: 3,984 injuries, 35.8 percent
- Median age of injured workers: 45.6
- County with the most injured workers: Lancaster

Trade, Transportation & Utilities: 21,166 Injuries

- Most frequent type of injury: sprains and strains: 10,426 injuries, 49.3 percent
- Body part affected most often: upper extremities: 6,556 injuries, 31.0 percent
- Most frequent cause of injury: overexertion: 7,338 injuries, 34.7 percent
- Median age of injured workers: 44.2
- County with the most injured workers: Philadelphia

Information: 1,105 Injuries

- Most frequent type of injury: sprains and strains: 554 injuries, 50.1 percent
- Body part affected most often: upper extremities: 348 injuries, 31.5 percent
- Most frequent cause of injury: overexertion: 334 injuries, 30.2 percent
- Median age of injured workers: 48.0
- County with the most injured workers: Philadelphia

Financial Activities: 2,915 Injuries

- Most frequent type of injury: sprains and strains: 1,246 injuries, 42.7 percent
- Body part affected most often: upper extremities: 910 injuries, 31.2 percent
- Most frequent cause of injury: overexertion: 813 injuries, 27.9 percent
- Median age of injured workers: 44.4
- County with the most injured workers: Philadelphia

Professional & Business Services 8,371 Injuries

- Most frequent type of injury: sprains and strains: 3,576 injuries, 42.7 percent
- Body part affected most often: upper extremities: 2,709 injuries, 32.3 percent
- Most frequent cause of injury: overexertion: 1,763 injuries, 21.1 percent
- Median age of injured workers: 39.8
- County with the most injured workers: Philadelphia

Educational & Health Services: 18,747 Injuries

- Most frequent type of injury: sprains and strains: 9,629 injuries, 51.4 percent



- Body part affected most often: upper extremities: 5,045 injuries, 26.9 percent
- Most frequent cause of injury: overexertion: 6,290 injuries, 33.6 percent
- Median age of injured workers: 45.4
- County with the most injured workers: Philadelphia

Leisure & Hospitality Services: 5,203 Injuries

- Most frequent type of injury: sprains and strains: 1,791 injuries, 34.4 percent
- Body part affected most often: upper extremities: 2,054 injuries, 39.5 percent
- Most frequent cause of injury: overexertion: 1,128 injuries, 21.7 percent
- Median age of injured workers: 35.0
- County with the most injured workers: Philadelphia

Other Services (except Public Administration): 2,291 Injuries

- Most frequent type of injury: sprains and strains: 895 injuries, 39.1 percent
- Body part affected most often: upper extremities: 749 injuries, 32.7 percent
- Most frequent cause of injury: overexertion: 546 injuries, 23.8 percent
- Median age of injured workers: 44.3
- County with the most injured workers: Philadelphia

Public Administration: 8,599 Injuries

- Most frequent type of injury: sprains and strains: 4,179 injuries, 48.6 percent
- Body part affected most often: upper extremities: 2,633 injuries, 30.6 percent
- Most frequent cause of injury: overexertion: 2,128 injuries, 24.7 percent
- Median age of injured workers: 42.5
- County with the most injured workers: Philadelphia

¹ See Table 2 on Page 9 for work injury and illness rates in selected industries.

Collection Process of First Reports of Injury

In 2009, the bureau received a total of 88,973 First Reports of Injury. Of the reports received, 89 percent were collected via electronic data interchange, or EDI, and 11 percent were collected via the department's website.

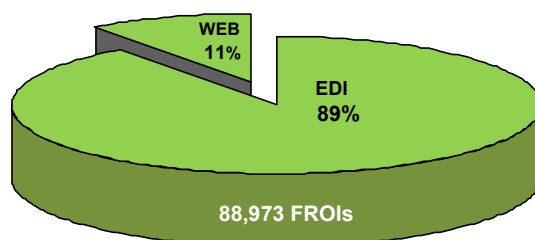


Table 1. Work Injuries and Illnesses by Major Industry, Pennsylvania 2009

INDUSTRY		2009	2008	% Change 2008 to 2009
All Industries	Total	88,973	104,275	-14.7%
	Fatal	100	154	*
Agriculture, Forestry, Fishing & Hunting	Total	644	704	-8.5%
	Fatal	1	3	*
Natural Resources & Mining	Total	990	994	-0.4%
	Fatal	2	4	*
Construction	Total	7,397	10,055	-26.4%
	Fatal	10	27	*
Manufacturing	Total	11,135	15,862	-29.8%
	Fatal	6	26	*
Trade, Transportation & Utilities	Total	21,166	23,147	-8.6%
	Fatal	22	43	*
Information	Total	1,105	1,104	0.1%
	Fatal	2	1	*
Financial Activities	Total	2,915	3,824	-23.8%
	Fatal	6	7	*
Professional & Business Services	Total	8,371	9,945	-15.8%
	Fatal	19	17	*
Educational & Health Services	Total	18,747	19,933	-5.9%
	Fatal	13	4	*
Leisure & Hospitality Services	Total	5,203	5,996	-13.2%
	Fatal	1	6	*
Other Services (Except Public Administration)	Total	2,291	2,675	-14.4%
	Fatal	4	1	*
Public Administration	Total	8,599	9,747	-11.8%
	Fatal	13	11	*
Industry Not Stated	Total	410	551	-25.6%
	Fatal	1	1	*

* Percent change not calculated for fatal cases.

Historical Series – Work Injuries and Illnesses, Pennsylvania 2009

Year	Total	Fatal	Non Fatal
1916	255,616	2,670	252,946
1917	227,980	3,072	224,908
1918	184,844	3,403	181,441
1919	152,544	2,569	149,975
1920	174,979	2,528	172,451
1921	140,197	1,924	138,273
1922	146,255	1,890	144,365
1923	200,435	2,412	198,023
1924	177,539	2,209	175,330
1925	176,379	2,009	174,370
1926	180,400	2,116	178,284
1927	160,743	2,053	158,690
1928	152,498	2,065	150,433
1929	165,657	2,000	163,657
1930	144,669	1,752	142,917
1931	111,458	1,482	109,976
1932	85,099	1,063	84,036
1933	85,642	1,029	84,613
1934	93,024	1,122	91,902
1935	90,022	1,103	88,919
1936	108,036	1,133	106,903
1937	131,147	1,246	129,901
1938	99,024	1,100	97,924
1939	103,607	1,204	102,403
1940	109,475	1,278	108,197
1941	130,403	1,338	129,065
1942	139,565	1,554	138,011
1943	135,491	1,423	134,068
1944	128,934	1,316	127,618
1945	118,682	1,197	117,485
1946	117,356	1,136	116,220
1947	124,883	1,193	123,690

Year	Total	Fatal	Non Fatal
1948	117,742	1,084	116,658
1949	94,514	891	93,623
1950	96,372	909	95,463
1951	102,181	941	101,240
1952	95,001	819	94,182
1953	92,635	862	91,773
1954	79,168	773	78,395
1955	83,884	723	83,161
1956	86,839	744	86,095
1957	82,444	770	81,674
1958	69,904	639	69,265
1959	80,039	659	79,380
1960	78,947	701	78,246
1961	75,986	672	75,314
1962	79,549	671	78,878
1963	80,891	599	80,292
1964	87,972	673	87,299
1965	90,138	649	89,489
1966	94,275	659	93,616
1967	92,173	666	91,507
1968	96,512	626	95,886
1969	98,879	672	98,207
1970	99,182	630	98,552
1971	94,000	583	93,417
1972	114,221	564	113,657
1973	134,866	495	134,371
1974	133,450	405	133,045
1975	128,010	390	127,620
1976	141,729	397	141,332
1977	152,646	407	152,239
1978	157,849	367	157,482
1979	169,768	406	169,362

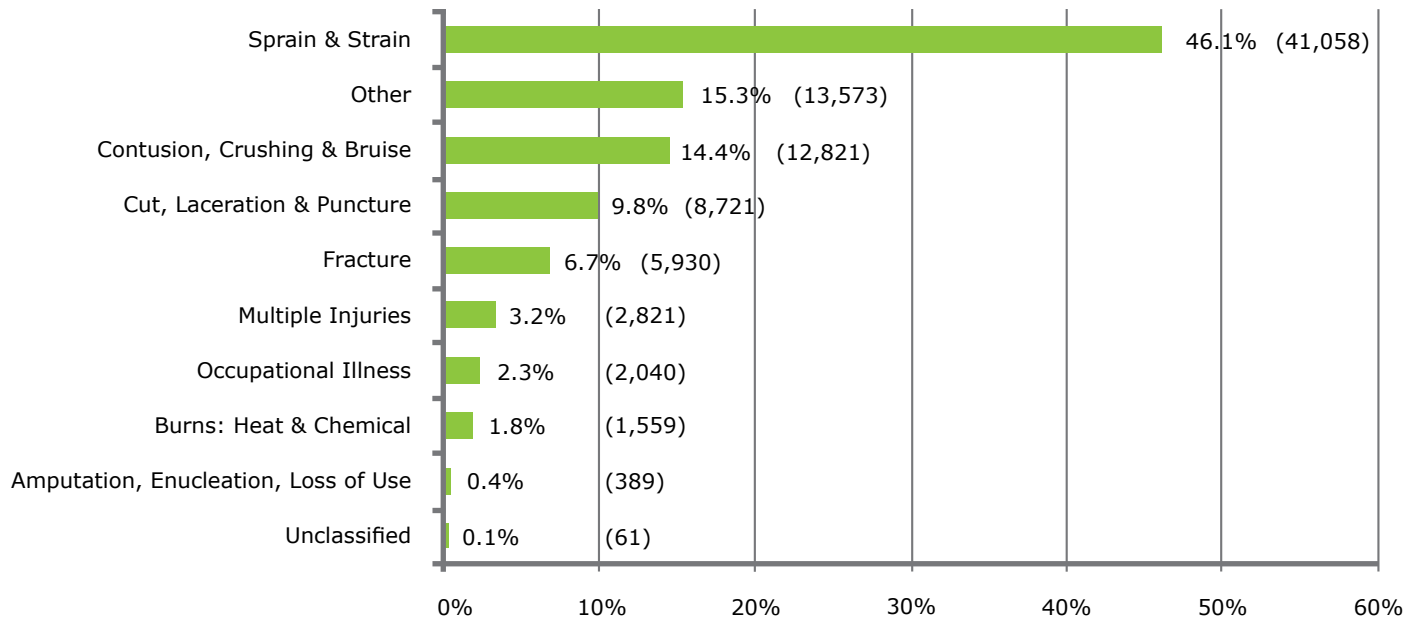
Year	Total	Fatal	Non Fatal
1980	147,466	364	147,102
1981	141,266	272	140,994
1982	128,031	262	127,769
1983	121,880	276	121,604
1984	135,972	278	135,694
1985	135,258	277	134,981
1986	138,168	265	137,903
1987	139,706	291	139,415
1988	146,461	267	146,194
1989	148,445	237	148,208
1990	158,030	235	157,795
1991	145,667	183	145,484
1992	143,268	208	143,060
1993	136,769	202	136,567
1994	130,093	206	129,887
1995	118,313	167	118,146
1996	102,132	145	101,987
1997	88,451	137	88,314
1998	85,783	96	85,687
1999	82,676	121	82,555
2000	80,133	114	80,019
2001	90,405	134	90,271
2002	95,206	146	95,060
2003	99,161	140	99,021
2004	93,566	130	93,436
2005	102,259	122	102,137
2006	110,657	133	110,524
2007	115,845	148	115,697
2008	104,275	154	104,121
2009	88,973	100	88,873

Type of Injury or Illness

Sprain, strain injuries (41,058 cases) accounted for 46.1 percent of the total cases reported in 2009. Contusions, crushes, bruises (12,821 cases, 14.4 percent) and cuts, lacerations, punctures (8,721 cases, 9.8 percent) accounted for 24.2 percent (see Figure 1 and Table 3). The greatest number of the sprain, strain cases (15,475 cases, 37.7 percent) affected the trunk area. Most of the cuts, lacerations, punctures (6,128 cases, 70.3 percent) occurred to the upper extremities, and the greatest number of contusions, crushes, bruises (4,200 cases, 32.8 percent) involved the lower extremities (see Table 6).

Figure 1. Percentage Distribution by Type of Injury or Illness, Pennsylvania 2009

Total Cases – 88,973 (100%)



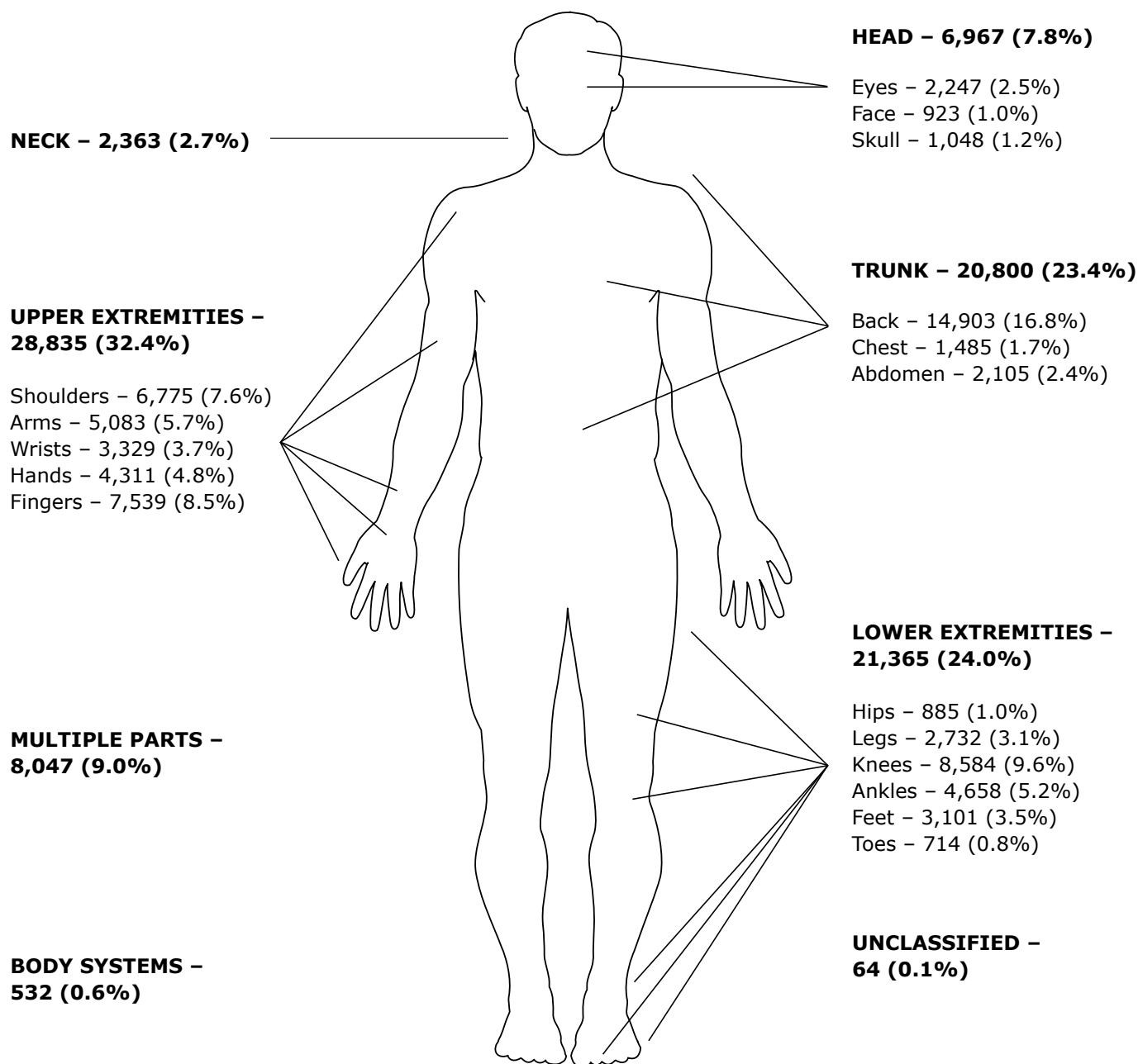
Part of Body Affected

Injuries to the upper extremities (arms, wrists, hands, fingers, shoulders) accounted for about 32.4 percent (28,835) of the total cases reported in 2009. Back injuries alone (14,903) represented 16.8 percent of the annual total. The trunk (back, chest, abdomen) was injured in 23.4 percent (20,800) of the cases and the lower extremities (hips, legs, knees, ankles, feet, toes) in 24.0 percent (21,365) of the cases (see Figure 2 and Table 4). Most of the trunk area injuries (15,475, 74.4 percent) were sprains and strains. Of the upper extremity injuries, 21.3 percent (6,128) were cuts, lacerations, punctures, and 50.5 percent (10,796) of the lower extremity injuries were sprains and strains (see Table 6).

Figure 2. Percentage Distribution by Part of Body Affected, Pennsylvania 2009

TOTAL CASES – 88,973 (100%)

Please note that subcategories indicate the most common injuries in each category and are not a complete listing.

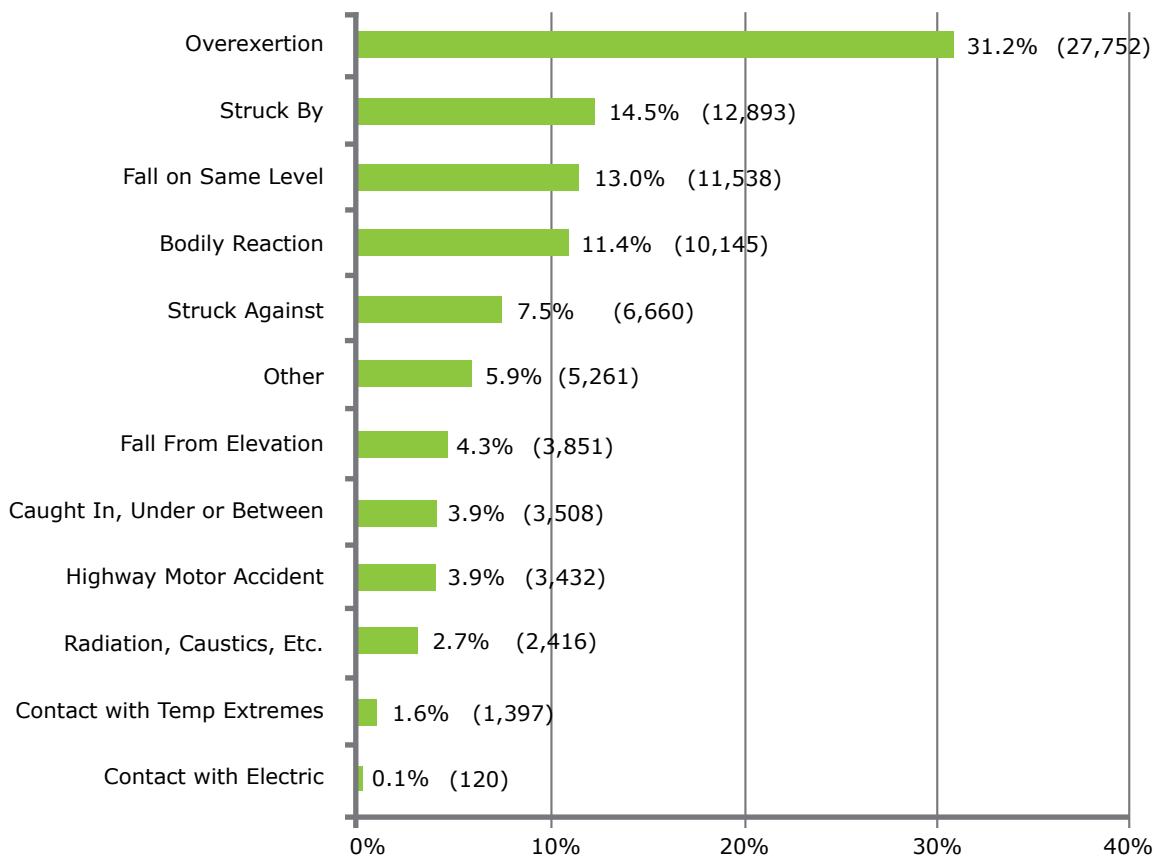


Cause of Injury

Overexertion (lifting, pulling, pushing, etc.) was the leading cause of injury in 2009. There were 27,752 cases of this accident type, which represented 31.2 percent of the total number reported. Being struck by objects (falling, flying, etc.) was the next leading cause of injury with 12,893 cases reported (14.5 percent), followed by falls on same level (11,538, 13.0 percent) (see Figure 3 and Table 5). Most of the overexertion cases (22,827, 82.3 percent) resulted in sprains or strains. The largest number of struck-by accidents (3,797, 29.5 percent) produced cuts, lacerations and punctures. Almost 59.0 percent (5,958) of the injuries resulting from bodily reactions caused sprains or strains (see Table 7).

Figure 3. Percentage Distribution by Cause of Injury, Pennsylvania 2009

Total Cases – 88,973 (100%)

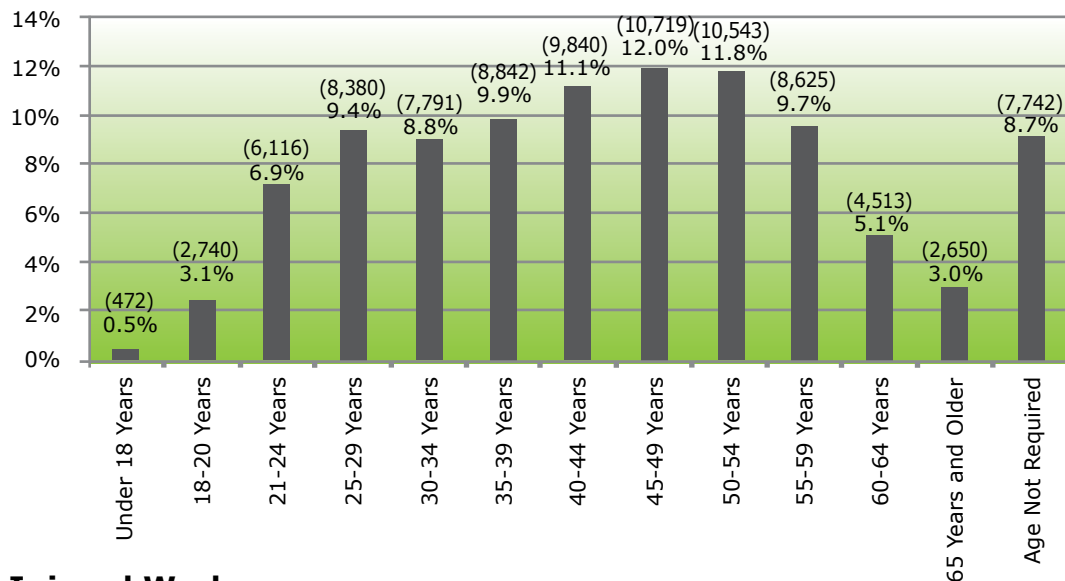


Age of Injured Worker

Workers in the 45-49 age group sustained the greatest number of injuries in 2009. This age group had 10,719 cases that represented 12.0 percent of the total reported. The median age of injured workers in 2009 was 43.2. By industry, the median age of injured workers ranged from 35.0 in Leisure & Hospitality Services to 48.0 in Information Services. The largest number of fatalities (15) was reported in the 50-54 and 55-59 age groups (see Figure 4 and Tables 8 and 9).

Figure 4. Percentage Distribution by Age Group, Pennsylvania 2009

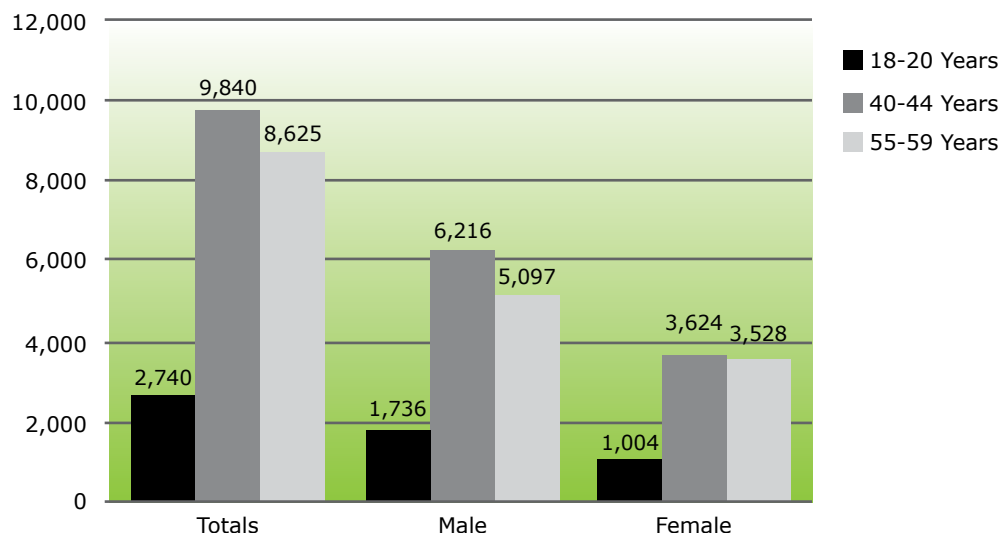
Total Cases – 88,973 (100%)



Gender of Injured Worker

Of the 88,973 injury and illness cases reported in 2009, 55,684, or 62.6 percent, were male workers. Of the 100 fatalities reported this year, 12 were female workers. The median age of injured male workers in 2009 was 42.5 and for female workers it was 44.4 (see Table 9).

Figure 5. Age by Gender, Pennsylvania 2009



County Where Injury or Illness Occurred

More than half (45,306) of the 88,973 cases reported in 2009 came from 10 of the commonwealth's 67 counties. The largest number of cases (12,023, 13.5 percent) came from Philadelphia, followed by Allegheny (7,269, 8.2 percent), Montgomery (4,157, 4.7 percent), Lancaster (3,758, 4.2 percent), Delaware (3,745, 4.2 percent), Bucks (3,372, 3.8 percent), Berks (3,162, 3.6 percent), Luzerne (2,737, 3.1 percent), Westmoreland (2,562, 2.9 percent) and York (2,521, 2.8 percent) (see Table 10).

Table 2. Injury and Illness Rates in Selected Industries, Pennsylvania 2009

INDUSTRY	Injuries and Illnesses		Rate per 1,000 Workers	
	2009	2008	2009	2008
Total	88,973	104,275	15.9	18.0
Agriculture, Forestry, Fishing & Hunting	644	704	N/A	N/A
Natural Resources & Mining	990	994	44.6	45.0
Mining	972	975	45.0	45.3
Coal mining	376	380	48.8	48.7
Construction	7,397	9,793	32.8	38.3
Construction of buildings	1,777	2,204	34.4	36.7
Heavy & civil engineering construction	1,040	1,559	32.0	45.7
Specialty trade contractors	4,580	6,030	32.4	37.3
Manufacturing	11,135	15,862	19.4	24.6
Food manufacturing	1,656	1,873	24.8	27.7
Wood product manufacturing	507	799	25.2	31.3
Printing & related support activities	412	485	13.8	14.6
Chemical manufacturing	530	638	12.2	14.0
Pharmaceutical & medicine manufacturing	153	189	7.1	8.5
Plastics & rubber products manufacturing	669	824	19.2	21.2
Nonmetallic mineral product manufacturing	512	821	22.5	31.6
Primary metal manufacturing	1,084	1,463	30.5	35.2
Iron & steel mills & ferroalloy mfg.	442	545	35.4	39.8
Fabricated metal product manufacturing	1,716	2,633	21.7	28.7
Machinery manufacturing	684	1,220	14.4	21.5
Computer & electronic product manufacturing	499	583	15.0	15.3
Electrical equipment & appliance mfg.	319	564	13.0	20.7
Transportation equipment manufacturing	670	918	17.3	21.1
Furniture & related product manufacturing	292	587	18.3	28.8
Miscellaneous manufacturing	403	625	15.0	21.5
Trade, Transportation & Utilities	21,166	23,155	19.6	17.0
Trade	13,354	14,870	15.7	13.2
Merchant wholesalers, durable goods	1,876	2,133	16.8	17.5
Merchant wholesalers, nondurable goods	1,171	1,124	18.0	16.7
Electronic markets, agents & brokers	957	911	19.8	17.9
Motor vehicle & parts dealers	1,178	1,447	17.3	19.3
Furniture & home furnishings stores	344	443	20.8	22.8
Electronics & appliance stores	121	187	7.7	10.0
Building material & garden supply stores	1,064	1,254	23.1	25.5
Food & beverage stores	2,724	2,551	19.1	17.8
Health & personal care stores	338	389	7.3	8.2
Gasoline stations	433	1,038	11.9	29.4
Clothing & clothing accessories stores	291	401	5.1	6.7
Sporting goods, hobby, book & music stores	177	163	7.6	7.1
General merchandise stores	1,833	1,657	16.5	14.8
Miscellaneous store retailers	444	699	12.6	19.0
Nonstore retailers	403	473	15.3	17.5
Transportation	7,132	7,585	35.0	31.9
Air transportation	1,959	2,135	154.3	16.5
Truck transportation	2,368	2,670	41.8	43.3
Transit & ground passenger transportation	1,331	1,183	42.3	38.4
Couriers & messengers	669	833	27.4	32.2

Table 2. Injury and Illness Rates in Selected Industries, Pennsylvania 2009

INDUSTRY	Injuries and Illnesses		Rate per 1,000 Workers	
	2009	2008	2009	2008
Warehousing & storage	366	388	6.4	6.7
Utilities	680	699	31.2	32.2
Information	1,105	1,104	11.1	10.5
Publishing industries, except Internet	438	563	13.7	16.4
Telecommunications	270	294	7.6	7.8
ISPs, search portals & data processing	80	34	N/A	N/A
Financial Activities	2,915	3,824	9.1	11.6
Finance & insurance	1,616	2,128	6.3	8.0
Credit intermediation & related activities	435	462	4.3	4.4
Securities, commodity contracts, investments	59	59	2.1	2.1
Insurance carriers & related activities	634	1,066	5.5	9.2
Real estate, rental & leasing	1,299	1,695	21.3	25.7
Real estate	779	1,070	19.4	25.0
Professional & Business Services	8,371	9,945	12.5	14.0
Professional & technical services	1,732	1,935	5.7	6.1
Management of companies & enterprises	947	996	8.4	8.9
Administrative & waste services	5,692	7,016	22.5	25.0
Administrative & support services	5,246	6,274	22.1	23.7
Educational & Health Services	18,747	19,933	16.7	18.1
Educational services	5,858	5,660	25.4	25.1
Health care & social assistance	12,889	14,275	14.5	16.3
Ambulatory health care services	2,576	2,629	9.4	9.9
Hospitals	3,935	4,964	14.6	18.2
Nursing & residential care facilities	4,137	4,478	21.3	23.5
Social assistance	2,241	2,204	14.6	15.1
Leisure & Hospitality Services	5,203	5,996	10.5	11.9
Arts, entertainment & recreation	1,074	1,162	12.4	13.5
Amusements, gambling & recreation	692	588	10.9	9.6
Accommodation & food services	4,129	4,834	10.1	11.6
Accommodation	829	909	16.8	17.5
Food services & drinking places	3,300	3,925	9.2	10.7
Other Services (except Public Administration)	2,291	2,675	9.2	10.5
Repair & maintenance	828	927	17.1	18.2
Personal & laundry services	543	681	9.2	11.3
Membership associations & organizations	910	1,060	6.4	7.4
Public Administration	8,599	9,739	11.4	13.0
Unclassified	410	551	N/A	N/A

Source: Bureau of Workers' Compensation, Pennsylvania Department of Labor & Industry

Table 3. Industry by Type of Injury or Illness, Pennsylvania 2009

INDUSTRY	TOTAL	AMPUTATION, ENUCLEATION, LOSS OF USE	BURNS: HEAT & CHEMICAL	CONTUSION, CRUSHING, BRUISE	CUT, LACERATION, PUNCTURE	FRACTURE	SPRAIN, STRAIN	MULTIPLE INJURIES	OCCUPATIONAL ILLNESS	OTHER	UNCLASSIFIED
Total	88,973	389	1,559	12,821	8,721	5,930	41,058	2,821	2,040	13,573	61
Agriculture, Forestry, Fishing & Hunting	644	8	7	106	78	72	245	22	6	99	1
Crop production	431	6	7	75	59	41	159	11	4	68	1
Animal production	136	1	0	22	12	23	49	10	1	18	0
Forestry	2	0	0	0	0	0	1	1	0	0	0
Fishing, hunting & trapping	1	0	0	0	0	0	1	0	0	0	0
Agriculture & forestry support activities	74	1	0	9	7	8	35	0	1	13	0
Natural Resources & Mining	990	7	26	158	71	118	407	34	19	150	0
Logging	18	0	0	1	0	4	6	2	1	4	0
Mining	972	7	26	157	71	114	401	32	18	146	0
Oil & gas extraction	75	1	3	7	7	8	31	4	0	14	0
Mining, except oil & gas	506	1	12	69	34	69	225	19	8	69	0
Coal mining	376	1	7	52	24	55	164	18	7	48	0
Metal ore mining	9	0	1	2	1	0	5	0	0	0	0
Nonmetallic mineral mining & quarrying	121	0	4	15	9	14	56	1	1	21	0
Support activities for mining	391	5	11	81	30	37	145	9	10	63	0
Construction	7,397	38	109	765	1,014	693	3,126	233	88	1,329	2
Construction of buildings	1,777	9	21	182	304	161	694	47	24	334	1
Residential building construction	1,043	6	8	105	191	101	397	27	18	189	1
Nonresidential building construction	734	3	13	77	113	60	297	20	6	145	0
Heavy & civil engineering construction	1,040	9	22	153	88	102	465	25	13	163	0
Utility system construction	423	5	10	56	33	44	186	11	6	72	0
Land subdivision	26	0	1	4	1	3	13	0	0	4	0
Highway, street & bridge construction	551	3	11	92	52	48	252	12	7	74	0
Other heavy construction	40	1	0	1	2	7	14	2	0	13	0
Specialty trade contractors	4,580	20	66	430	622	430	1,967	161	51	832	1
Building foundation & exterior contractors	976	7	16	74	143	105	407	37	11	176	0
Building equipment contractors	2,044	5	35	193	274	163	955	56	25	337	1
Building finishing contractors	740	3	4	64	119	67	303	28	8	144	0
Other specialty trade contractors	820	5	11	99	86	95	302	40	7	175	0
Manufacturing	11,135	140	261	1,325	1,377	762	4,758	256	340	1,914	2
Food manufacturing	1,656	22	49	239	190	100	745	49	43	219	0
Animal food manufacturing	58	1	1	7	5	8	25	0	1	10	0
Grain & oilseed milling	45	1	1	9	4	3	11	0	2	14	0
Sugar & confectionery product manufacturing	115	1	1	7	8	9	58	3	3	25	0
Fruit & vegetable preserving & specialty	177	2	11	20	18	13	72	7	5	29	0
Dairy product manufacturing	169	1	6	17	14	7	97	2	7	18	0
Animal slaughtering & processing	288	6	9	36	51	18	116	4	7	41	0
Seafood product preparation & packaging	1	0	0	0	1	0	0	0	0	0	0
Bakeries & tortilla manufacturing	528	4	13	100	67	28	235	24	10	47	0
Other food manufacturing	275	6	7	43	22	14	131	9	8	35	0
Beverage & tobacco product manufacturing	384	4	5	44	33	14	208	6	6	64	0
Beverage manufacturing	263	2	2	30	7	11	153	6	0	52	0

Table 3. Industry by Type of Injury or Illness, Pennsylvania 2009

INDUSTRY	TOTAL	AMPUTATION, ENUCLEATION, LOSS OF USE	BURNS: HEAT & CHEMICAL	CONTUSION, CRUSHING, BRUISE	CUT, LACERATION, PUNCTURE	FRACTURE	SPRAIN, STRAIN	MULTIPLE INJURIES	OCCUPATIONAL ILLNESS	OTHER	UNCLASSIFIED
Tobacco manufacturing	121	2	3	14	26	3	55	0	6	12	0
Textile mills	76	1	0	9	12	4	29	5	2	14	0
Fiber, yarn & thread mills	10	0	0	3	3	0	2	0	1	1	0
Fabric mills	43	1	0	3	5	3	20	4	0	7	0
Textile & fabric finishing mills	23	0	0	3	4	1	7	1	1	6	0
Textile product mills	77	2	1	10	8	4	38	1	3	10	0
Textile furnishings mills	42	1	1	4	2	2	21	1	3	7	0
Other textile product mills	35	1	0	6	6	2	17	0	0	3	0
Apparel manufacturing	78	0	0	12	5	9	25	5	7	15	0
Apparel knitting mills	9	0	0	1	0	2	5	0	0	1	0
Cut & sew apparel manufacturing	67	0	0	11	5	7	20	5	7	12	0
Accessories & other apparel manufacturing	2	0	0	0	0	0	0	0	0	2	0
Leather & allied product manufacturing	39	0	0	5	5	2	18	1	3	5	0
Leather & hide tanning & finishing	20	0	0	4	2	1	9	0	3	1	0
Footwear manufacturing	15	0	0	1	2	1	8	1	0	2	0
Other leather product manufacturing	4	0	0	0	1	0	1	0	0	2	0
Wood product manufacturing	507	5	2	56	90	44	209	16	10	75	0
Sawmills & wood preservation	106	1	0	12	15	13	45	3	1	16	0
Plywood & engineered wood product mfg.	32	0	0	1	8	1	15	3	0	4	0
Other wood product manufacturing	369	4	2	43	67	30	149	10	9	55	0
Paper manufacturing	330	4	5	46	35	25	140	5	9	61	0
Pulp, paper & paperboard mills	71	2	0	10	5	6	29	2	3	14	0
Converted paper product manufacturing	259	2	5	36	30	19	111	3	6	47	0
Printing & related support activities	412	15	4	51	49	29	184	2	8	70	0
Petroleum & coal products manufacturing	198	0	6	41	31	5	89	1	7	18	0
Chemical manufacturing	530	5	24	58	53	33	220	17	15	105	0
Basic chemical manufacturing	97	1	6	6	8	7	38	5	4	22	0
Resin, rubber & artificial fibers mfg.	42	1	3	5	3	4	16	3	0	7	0
Agricultural chemical manufacturing	15	0	1	1	2	1	6	0	0	4	0
Pharmaceutical & medicine manufacturing	153	0	2	22	13	13	71	3	4	25	0
Paint, coating & adhesive manufacturing	61	1	5	6	8	3	23	1	1	13	0
Soap, cleaning compound & toiletry mfg.	76	0	4	8	10	4	29	4	4	13	0
Other chemical product & preparation mfg.	86	2	3	10	9	1	37	1	2	21	0
Plastics & rubber products manufacturing	669	9	19	70	95	49	293	9	19	106	0
Plastics product manufacturing	613	9	18	60	87	44	270	9	19	97	0
Rubber product manufacturing	56	0	1	10	8	5	23	0	0	9	0
Nonmetallic mineral product manufacturing	512	9	5	67	51	47	223	16	2	92	0
Clay product & refractory manufacturing	81	0	1	11	4	9	41	0	0	15	0
Glass & glass product manufacturing	112	3	1	12	13	14	51	0	1	17	0
Cement & concrete product manufacturing	243	6	2	35	25	22	99	14	1	39	0
Lime & gypsum product manufacturing	10	0	0	1	0	0	7	0	0	2	0
Other nonmetallic mineral products	66	0	1	8	9	2	25	2	0	19	0
Primary metal manufacturing	1,084	14	57	138	93	75	468	11	24	202	2

Table 3. Industry by Type of Injury or Illness, Pennsylvania 2009

INDUSTRY	TOTAL	AMPUTATION, ENUCLEATION, LOSS OF USE	BURNS: HEAT & CHEMICAL	CONTUSION, CRUSHING, BRUISE	CUT, LACERATION, PUNCTURE	FRACTURE	SPRAIN, STRAIN	MULTIPLE INJURIES	OCCUPATIONAL ILLNESS	OTHER	UNCLASSIFIED
Iron & steel mills & ferroalloy mfg.	442	4	24	55	39	31	210	2	8	68	1
Steel product mfg. from purchased steel	129	1	3	17	11	19	55	2	4	16	1
Alumina & aluminum production	18	1	0	1	0	1	13	0	1	1	0
Other nonferrous metal production	131	5	4	15	10	10	49	3	4	31	0
Foundries	364	3	26	50	33	14	141	4	7	86	0
Fabricated metal product manufacturing	1,716	16	46	189	256	140	653	36	46	334	0
Forging & stamping	177	5	1	20	28	12	82	1	6	22	0
Cutlery & hand tool manufacturing	36	1	1	3	4	4	20	1	0	2	0
Architectural & structural metals mfg.	584	5	19	74	92	54	196	11	6	127	0
Boiler, tank & shipping container mfg.	134	1	5	18	23	11	43	4	3	26	0
Hardware manufacturing	20	0	0	2	2	0	11	0	0	5	0
Spring & wire product manufacturing	60	0	0	4	9	10	27	1	0	9	0
Machine shops & threaded product mfg.	297	1	6	32	55	19	112	7	5	60	0
Coating, engraving & heat treating metals	94	0	5	6	7	8	40	7	1	20	0
Other fabricated metal product mfg.	314	3	9	30	36	22	122	4	25	63	0
Machinery manufacturing	684	5	17	62	91	59	258	17	33	142	0
Ag., construction & mining machinery mfg.	132	1	4	13	8	17	52	2	5	30	0
Industrial machinery manufacturing	39	0	3	6	4	1	12	2	0	11	0
Commercial & service industry machinery	71	1	0	5	6	8	25	1	6	19	0
HVAC & commercial refrigeration equipment	64	0	1	5	7	6	33	1	0	11	0
Metalworking machinery manufacturing	115	2	0	12	23	10	29	7	8	24	0
Turbine & power transmission equipment mfg.	30	1	0	0	5	3	14	1	0	6	0
Other general purpose machinery mfg.	233	0	9	21	38	14	93	3	14	41	0
Computer & electronic product mfg.	499	5	2	53	74	17	232	16	32	68	0
Computer & peripheral equipment mfg.	27	0	0	6	4	2	9	1	2	3	0
Communications equipment manufacturing	36	1	2	4	0	1	15	0	2	11	0
Audio & video equipment manufacturing	7	0	0	1	0	0	2	1	0	3	0
Semiconductor & electronic component mfg.	111	0	0	13	14	5	46	9	7	17	0
Electronic instrument manufacturing	297	4	0	28	54	9	151	5	17	29	0
Magnetic media manufacturing & reproducing	21	0	0	1	2	0	9	0	4	5	0
Electrical equipment & appliance mfg.	319	5	4	41	36	18	138	6	5	66	0
Electric lighting equipment manufacturing	17	0	0	3	1	3	4	0	0	6	0
Household appliance manufacturing	6	1	0	1	2	0	1	0	0	1	0
Electrical equipment manufacturing	72	1	0	7	7	5	38	4	2	8	0
Other electrical equipment & component mfg.	224	3	4	30	26	10	95	2	3	51	0
Transportation equipment manufacturing	670	8	9	69	70	46	299	16	24	129	0
Motor vehicle manufacturing	37	0	0	3	4	4	16	0	1	9	0
Motor vehicle body & trailer manufacturing	87	3	1	9	8	6	42	3	2	13	0
Motor vehicle parts manufacturing	220	4	3	23	13	17	97	5	8	50	0
Aerospace product & parts manufacturing	171	0	1	17	31	5	77	6	5	29	0
Railroad rolling stock manufacturing	83	1	4	7	5	8	35	1	3	19	0
Ship & boat building	44	0	0	7	3	6	19	1	2	6	0
Other transportation equipment mfg.	28	0	0	3	6	0	13	0	3	3	0

Table 3. Industry by Type of Injury or Illness, Pennsylvania 2009

INDUSTRY	TOTAL	AMPUTATION, ENUCLEATION, LOSS OF USE	BURNS: HEAT & CHEMICAL	CONTUSION, CRUSHING, BRUISE	CUT, LACERATION, PUNCTURE	FRACTURE	SPRAIN, STRAIN	MULTIPLE INJURIES	OCCUPATIONAL ILLNESS	OTHER	UNCLASSIFIED
Furniture & related product manufacturing	292	5	0	21	56	22	122	12	12	42	0
Household & institutional furniture mfg.	197	3	0	13	47	12	80	8	9	25	0
Office furniture & fixtures manufacturing	65	2	0	5	7	8	27	4	1	11	0
Other furniture-related product mfg.	30	0	0	3	2	2	15	0	2	6	0
Miscellaneous manufacturing	403	6	6	44	44	20	167	9	30	77	0
Medical equipment & supplies mfg.	172	0	2	29	20	7	72	4	12	26	0
Other miscellaneous manufacturing	231	6	4	15	24	13	95	5	18	51	0
Trade, Transportation & Utilities	21,166	73	260	3,092	2,034	1,264	10,426	561	400	3,047	9
Trade	13,354	53	197	1,767	1,501	878	6,257	399	225	2,073	4
Merchant wholesalers, durable goods	1,876	11	44	213	209	159	843	66	28	303	0
Merchant wholesalers, nondurable goods	1,171	6	15	147	81	78	600	45	14	183	2
Electronic markets & agents & brokers	957	5	16	130	86	69	448	18	25	160	0
Motor vehicle & parts dealers	1,178	10	16	112	134	84	515	50	18	239	0
Furniture & home furnishings stores	344	1	2	35	29	22	175	15	2	63	0
Electronics & appliance stores	121	0	0	15	11	11	67	2	3	12	0
Building material & garden supply stores	1,064	2	3	109	99	78	574	23	7	169	0
Food & beverage stores	2,724	14	56	380	460	131	1,173	59	68	381	2
Health & personal care stores	338	0	2	38	14	26	191	9	8	50	0
Gasoline stations	433	1	22	65	47	27	189	24	7	51	0
Clothing & clothing accessories stores	291	1	1	50	25	33	111	11	6	53	0
Sporting goods, hobby, book & music stores	177	0	2	18	25	11	74	3	5	39	0
General merchandise stores	1,833	1	11	355	187	95	886	35	19	244	0
Miscellaneous store retailers	444	1	1	59	66	33	188	23	6	67	0
Nonstore retailers	403	0	6	41	28	21	223	16	9	59	0
Transportation	7,132	17	54	1,241	463	347	3,811	145	157	892	5
Air transportation	1,959	1	16	504	146	29	1,064	8	63	128	0
Water transportation	2	0	0	0	0	0	1	0	0	1	0
Truck transportation	2,368	5	18	309	167	173	1,241	72	33	345	5
Transit & ground passenger transportation	1,331	5	13	276	61	61	674	34	40	167	0
Pipeline transportation	42	0	0	6	7	1	20	4	0	4	0
Scenic & sightseeing transportation	25	0	1	5	6	3	5	0	0	5	0
Support activities for transportation	370	1	4	40	29	25	205	10	3	53	0
Couriers & messengers	669	2	1	57	30	27	411	5	6	130	0
Warehousing & storage	366	3	1	44	17	28	190	12	12	59	0
Utilities	680	3	9	84	70	39	358	17	18	82	0
Information	1,105	4	4	148	82	65	554	34	32	182	0
Publishing industries, except Internet	438	3	0	80	31	24	209	11	9	71	0
Motion picture & sound recording industries	47	0	0	10	6	0	23	0	5	3	0
Broadcasting, except Internet	254	1	2	28	23	17	136	9	9	29	0
Internet publishing & broadcasting	2	0	0	0	0	0	1	0	0	1	0
Telecommunications	270	0	2	20	17	15	132	9	4	71	0
ISPs, search portals & data processing	80	0	0	8	3	9	47	4	3	6	0
Other information services	14	0	0	2	2	0	6	1	2	1	0

Table 3. Industry by Type of Injury or Illness, Pennsylvania 2009

INDUSTRY	TOTAL	AMPUTATION, ENUCLEATION, LOSS OF USE	BURNS: HEAT & CHEMICAL	CONTUSION, CRUSHING, BRUISE	CUT, LACERATION, PUNCTURE	FRACTURE	SPRAIN, STRAIN	MULTIPLE INJURIES	OCCUPATIONAL ILLNESS	OTHER	UNCLASSIFIED
Financial Activities	2,915	10	30	399	257	181	1,246	102	150	539	1
Finance & insurance	1,616	5	17	243	137	106	669	67	120	251	1
Monetary authorities - central bank	42	0	0	7	5	1	18	1	3	7	0
Credit intermediation & related activities	435	1	3	66	31	37	171	26	54	46	0
Securities, commodity contracts, investments	59	0	2	5	5	5	25	5	1	11	0
Insurance carriers & related activities	634	1	6	74	37	45	253	27	44	146	1
Funds, trusts & other financial vehicles	446	3	6	91	59	18	202	8	18	41	0
Real estate & rental & leasing	1,299	5	13	156	120	75	577	35	30	288	0
Real estate	779	4	13	81	81	49	325	29	17	180	0
Rental & leasing services	511	1	0	75	37	24	250	6	11	107	0
Lessors of nonfinancial intangible assets	9	0	0	0	2	2	2	0	2	1	0
Professional & Business Services	8,371	35	134	1,087	1,014	549	3,576	308	203	1,455	10
Professional & technical services	1,732	4	28	207	259	134	655	71	56	318	0
Management of companies & enterprises	947	5	47	111	77	73	390	25	34	185	0
Administrative & waste services	5,692	26	59	769	678	342	2,531	212	113	952	10
Administrative & support services	5,246	22	56	708	634	308	2,346	183	113	867	9
Waste management & remediation services	446	4	3	61	44	34	185	29	0	85	1
Educational & Health Services	18,747	33	155	2,769	1,092	1,109	9,629	782	481	2,668	29
Educational services	5,858	17	52	1,006	348	464	2,601	279	130	951	10
Health care & social assistance	12,889	16	103	1,763	744	645	7,028	503	351	1,717	19
Ambulatory health care services	2,576	1	16	268	158	133	1,428	110	79	372	11
Hospitals	3,935	5	31	592	234	198	2,174	128	135	435	3
Nursing & residential care facilities	4,137	2	38	588	179	200	2,329	149	89	560	3
Social assistance	2,241	8	18	315	173	114	1,097	116	48	350	2
Leisure & Hospitality Services	5,203	23	408	656	914	381	1,791	191	69	764	6
Arts, entertainment & recreation	1,074	6	33	126	118	99	432	58	15	187	0
Performing arts & spectator sports	303	4	5	32	17	33	126	25	2	59	0
Museums, historical sites, zoos & parks	79	0	1	13	7	5	37	4	2	10	0
Amusements, gambling & recreation	692	2	27	81	94	61	269	29	11	118	0
Accommodation & food services	4,129	17	375	530	796	282	1,359	133	54	577	6
Accommodation	829	5	22	117	102	51	372	27	11	118	4
Food services & drinking places	3,300	12	353	413	694	231	987	106	43	459	2
Other Services (except Public Administration)	2,291	8	48	294	280	221	895	79	41	423	2
Repair & maintenance	828	7	23	87	130	65	305	29	13	169	0
Personal & laundry services	543	1	4	71	73	41	239	10	11	93	0
Membership associations & organizations	910	0	21	134	77	115	345	39	16	161	2
Private Households	10	0	0	2	0	0	6	1	1	0	0
Public Administration	8,599	9	107	1,964	477	485	4,179	204	195	978	1
Executive, legislative & general government	6,939	8	78	1,270	363	452	3,592	190	175	810	1
Justice, public order & safety activities	1,326	0	24	636	80	21	426	6	7	126	0
Administration of human resource programs	40	0	0	4	3	2	20	2	2	7	0
Administration of environmental programs	2	0	0	0	0	0	1	0	0	1	0
Community & housing program administration	267	1	5	47	30	7	130	5	11	31	0

Table 3. Industry by Type of Injury or Illness, Pennsylvania 2009

INDUSTRY	TOTAL	AMPUTATION, ENUCLEATION, LOSS OF USE	BURNS: HEAT & CHEMICAL	CONTUSION, CRUSHING, BRUISE	CUT, LACERATION, PUNCTURE	FRACTURE	SPRAIN, STRAIN	MULTIPLE INJURIES	OCCUPATIONAL ILLNESS	OTHER	UNCLASSIFIED
Administration of economic programs	24	0	0	7	1	3	9	1	0	3	0
Space research & technology	0	0	0	0	0	0	0	0	0	0	0
National security & international affairs	1	0	0	0	0	0	1	0	0	0	0
Unclassified	410	1	10	58	31	30	226	15	16	25	0



Table 4. Industry by Part of Body Affected, Pennsylvania 2009

INDUSTRY	TOTAL	HEAD	NECK	UPPER EXTREMITIES	TRUNK	LOWER EXTREMITIES	MULTIPLE	BODY SYSTEMS	UNCLASSIFIED
Total	88,973	6,967	2,363	28,835	20,800	21,365	8,047	532	64
Agriculture, Forestry, Fishing & Hunting	644	61	9	209	155	162	45	2	1
Crop production	431	48	4	136	108	101	32	1	1
Animal production	136	8	3	47	30	38	9	1	0
Forestry	2	0	0	0	0	2	0	0	0
Fishing, hunting & trapping	1	0	0	0	1	0	0	0	0
Agriculture & forestry support activities	74	5	2	26	16	21	4	0	0
Natural Resources & Mining	990	77	23	329	218	283	60	0	0
Logging	18	1	1	5	5	4	2	0	0
Mining	972	76	22	324	213	279	58	0	0
Oil & gas extraction	75	3	2	26	21	18	5	0	0
Mining, except oil & gas	506	36	9	174	101	157	29	0	0
Coal mining	376	27	9	128	70	120	22	0	0
Metal ore mining	9	1	0	5	2	1	0	0	0
Nonmetallic mineral mining & quarrying	121	8	0	41	29	36	7	0	0
Support activities for mining	391	37	11	124	91	104	24	0	0
Construction	7,397	655	194	2,458	1,630	1,854	574	32	0
Construction of buildings	1,777	187	44	613	350	448	130	5	0
Residential building construction	1,043	113	30	342	196	269	91	2	0
Nonresidential building construction	734	74	14	271	154	179	39	3	0
Heavy & civil engineering construction	1,040	88	32	304	233	308	68	7	0
Utility system construction	423	41	13	117	91	130	29	2	0
Land subdivision	26	3	1	6	6	10	0	0	0
Highway, street & bridge construction	551	42	16	169	126	158	36	4	0
Other heavy construction	40	2	2	12	10	10	3	1	0
Specialty trade contractors	4,580	380	118	1,541	1,047	1,098	376	20	0
Building foundation & exterior contractors	976	77	31	334	213	222	94	5	0
Building equipment contractors	2,044	176	55	704	468	492	145	4	0
Building finishing contractors	740	53	14	258	181	160	67	7	0
Other specialty trade contractors	820	74	18	245	185	224	70	4	0
Manufacturing	11,135	952	226	4,713	2,354	2,207	646	36	1
Food manufacturing	1,656	106	27	653	348	406	112	4	0
Animal food manufacturing	58	3	0	21	16	16	2	0	0
Grain & oilseed milling	45	5	1	13	8	13	5	0	0
Sugar & confectionery product manufacturing	115	9	2	39	27	28	10	0	0
Fruit & vegetable preserving & specialty	177	10	3	63	39	40	20	2	0
Dairy product manufacturing	169	6	6	59	42	46	10	0	0
Animal slaughtering & processing	288	17	3	150	51	50	17	0	0
Seafood product preparation & packaging	1	0	0	1	0	0	0	0	0
Bakeries & tortilla manufacturing	528	38	6	193	107	150	33	1	0
Other food manufacturing	275	18	6	114	58	63	15	1	0
Beverage & tobacco product manufacturing	384	26	15	126	101	94	21	1	0
Beverage manufacturing	263	9	9	69	83	73	19	1	0
Tobacco manufacturing	121	17	6	57	18	21	2	0	0
Textile mills	76	9	1	25	21	14	5	1	0

Table 4. Industry by Part of Body Affected, Pennsylvania 2009

INDUSTRY	TOTAL	HEAD	NECK	UPPER EXTREMITIES	TRUNK	LOWER EXTREMITIES	MULTIPLE	BODY SYSTEMS	UNCLASSIFIED
Fiber, yarn & thread mills	10	2	0	3	2	3	0	0	0
Fabric mills	43	3	0	17	11	7	4	1	0
Textile & fabric finishing mills	23	4	1	5	8	4	1	0	0
Textile product mills	77	2	3	34	19	15	4	0	0
Textile furnishings mills	42	1	1	23	8	6	3	0	0
Other textile product mills	35	1	2	11	11	9	1	0	0
Apparel manufacturing	80	3	1	34	17	15	10	0	0
Apparel knitting mills	9	0	0	2	2	5	0	0	0
Cut & sew apparel manufacturing	67	3	1	30	13	10	10	0	0
Accessories & other apparel manufacturing	4	0	0	2	2	0	0	0	0
Leather & allied product manufacturing	39	0	1	28	4	5	1	0	0
Leather & hide tanning & finishing	20	0	1	15	2	2	0	0	0
Footwear manufacturing	15	0	0	10	1	3	1	0	0
Other leather product manufacturing	4	0	0	3	1	0	0	0	0
Wood product manufacturing	507	32	5	225	113	99	31	2	0
Sawmills & wood preservation	106	6	1	45	24	23	7	0	0
Plywood & engineered wood product mfg.	32	3	0	12	7	2	7	1	0
Other wood product manufacturing	369	23	4	168	82	74	17	1	0
Paper manufacturing	330	14	5	163	63	64	17	4	0
Pulp, paper & paperboard mills	71	2	0	35	15	12	6	1	0
Converted paper product manufacturing	259	12	5	128	48	52	11	3	0
Printing & related support activities	412	22	8	184	105	72	20	1	0
Petroleum & coal products manufacturing	198	27	9	61	37	38	26	0	0
Chemical manufacturing	530	71	22	184	99	111	40	3	0
Basic chemical manufacturing	97	15	4	27	17	26	8	0	0
Resin, rubber & artificial fibers mfg.	42	1	2	13	8	11	7	0	0
Agricultural chemical manufacturing	15	2	1	5	3	3	1	0	0
Pharmaceutical & medicine manufacturing	153	11	5	61	32	30	13	1	0
Paint, coating & adhesive manufacturing	61	9	2	21	11	14	3	1	0
Soap, cleaning compound & toiletry mfg.	76	13	3	26	12	16	5	1	0
Other chemical product & preparation mfg.	86	20	5	31	16	11	3	0	0
Plastics & rubber products manufacturing	669	45	14	312	146	127	25	0	0
Plastics product manufacturing	613	43	14	290	130	111	25	0	0
Rubber product manufacturing	56	2	0	22	16	16	0	0	0
Nonmetallic mineral product manufacturing	512	42	9	201	113	108	36	3	0
Clay product & refractory manufacturing	81	8	2	36	15	19	1	0	0
Glass & glass product manufacturing	112	8	3	52	24	19	4	2	0
Cement & concrete product manufacturing	243	17	2	90	50	60	23	1	0
Lime & gypsum product manufacturing	10	0	0	1	4	3	2	0	0
Other nonmetallic mineral products	66	9	2	22	20	7	6	0	0
Primary metal manufacturing	1,084	117	31	468	193	234	40	1	0
Iron & steel mills & ferroalloy mfg.	442	43	20	179	75	112	12	1	0
Steel product mfg. from purchased steel	129	8	2	60	20	36	3	0	0
Alumina & aluminum production	18	0	0	8	4	3	3	0	0
Other nonferrous metal production	131	5	1	69	30	19	7	0	0

Table 4. Industry by Part of Body Affected, Pennsylvania 2009

INDUSTRY	TOTAL	HEAD	NECK	UPPER EXTREMITIES	TRUNK	LOWER EXTREMITIES	MULTIPLE	BODY SYSTEMS	UNCLASSIFIED
Foundries	364	61	8	152	64	64	15	0	0
Fabricated metal product manufacturing	1,716	216	27	716	360	314	77	5	1
Forging & stamping	177	18	2	81	35	27	13	1	0
Cutlery & hand tool manufacturing	36	0	2	11	12	10	1	0	0
Architectural & structural metals mfg.	584	81	6	238	116	121	22	0	0
Boiler, tank & shipping container mfg.	134	14	5	57	30	24	2	1	1
Hardware manufacturing	20	2	1	7	8	1	1	0	0
Spring & wire product manufacturing	60	4	2	19	17	16	2	0	0
Machine shops & threaded product mfg.	297	36	4	140	57	45	14	1	0
Coating, engraving & heat treating metals	94	8	0	32	29	17	7	1	0
Other fabricated metal product manufacturing	314	53	5	131	56	53	15	1	0
Machinery manufacturing	684	55	13	295	156	122	40	3	0
Agric., construction & mining machinery mfg.	132	12	0	52	29	26	12	1	0
Industrial machinery manufacturing	39	4	0	19	4	10	2	0	0
Commercial & service industry machinery	71	3	3	28	17	16	3	1	0
HVAC & commercial refrigeration equipment	64	3	0	22	18	13	7	1	0
Metalworking machinery manufacturing	115	8	2	58	23	16	8	0	0
Turbine & power transmission equipment mfg.	30	1	0	13	11	3	2	0	0
Other general purpose machinery mfg.	233	24	8	103	54	38	6	0	0
Computer & electronic product manufacturing	499	37	13	233	88	94	31	3	0
Computer & peripheral equipment mfg.	27	1	0	15	2	3	6	0	0
Communications equipment manufacturing	36	3	3	13	7	8	2	0	0
Audio & video equipment manufacturing	7	1	1	1	1	2	1	0	0
Semiconductor & electronic component mfg.	111	10	2	43	24	17	12	3	0
Electronic instrument manufacturing	297	21	7	152	48	60	9	0	0
Magnetic media manufacturing & reproducing	21	1	0	9	6	4	1	0	0
Electrical equipment & appliance mfg.	319	24	7	146	64	57	21	0	0
Electric lighting equipment manufacturing	17	2	0	3	3	7	2	0	0
Household appliance manufacturing	6	2	0	2	0	2	0	0	0
Electrical equipment manufacturing	72	5	1	28	18	13	7	0	0
Other electrical equipment & component mfg.	224	15	6	113	43	35	12	0	0
Transportation equipment manufacturing	670	59	9	286	154	117	42	3	0
Motor vehicle manufacturing	37	1	1	14	6	11	4	0	0
Motor vehicle body & trailer manufacturing	87	10	1	35	25	15	1	0	0
Motor vehicle parts manufacturing	220	14	4	89	54	38	20	1	0
Aerospace product & parts manufacturing	171	18	2	83	31	25	10	2	0
Railroad rolling stock manufacturing	83	8	1	38	22	11	3	0	0
Ship & boat building	44	4	0	16	11	12	1	0	0
Other transportation equipment manufacturing	28	4	0	11	5	5	3	0	0
Furniture & related product manufacturing	292	11	3	149	72	43	14	0	0
Household & institutional furniture mfg.	197	8	2	105	43	27	12	0	0
Office furniture & fixtures manufacturing	65	1	0	33	16	13	2	0	0
Other furniture-related product manufacturing	30	2	1	11	13	3	0	0	0
Miscellaneous manufacturing	401	34	3	190	81	58	33	2	0

Table 4. Industry by Part of Body Affected, Pennsylvania 2009

INDUSTRY	TOTAL	HEAD	NECK	UPPER EXTREMITIES	TRUNK	LOWER EXTREMITIES	MULTIPLE	BODY SYSTEMS	UNCLASSIFIED
Medical equipment & supplies manufacturing	172	13	1	84	32	24	17	1	0
Other miscellaneous manufacturing	229	21	2	106	49	34	16	1	0
Trade, Transportation & Utilities	21,166	1,587	606	6,556	5,416	5,075	1,823	95	7
Trade	13,354	999	318	4,380	3,437	3,112	1,036	69	2
Merchant wholesalers, durable goods	1,876	143	37	600	496	434	160	5	1
Merchant wholesalers, nondurable goods	1,171	63	32	336	349	298	87	6	0
Electronic markets & agents & brokers	957	71	36	359	202	201	85	3	0
Motor vehicle & parts dealers	1,178	120	32	358	315	226	123	3	0
Furniture & home furnishings stores	344	20	6	106	100	87	25	0	0
Electronics & appliance stores	121	4	2	38	38	31	8	0	0
Building material & garden supply stores	1,064	84	15	294	335	266	66	4	0
Food & beverage stores	2,724	139	38	1,120	620	609	180	18	0
Health & personal care stores	338	22	7	105	94	72	33	5	0
Gasoline stations	433	31	9	140	95	116	37	4	1
Clothing & clothing accessories stores	291	33	8	69	60	84	31	6	0
Sporting goods, hobby, book & music stores	177	18	6	53	46	41	11	2	0
General merchandise stores	1,833	187	71	556	443	454	114	8	0
Miscellaneous store retailers	444	34	7	141	117	97	45	3	0
Nonstore retailers	403	30	12	105	127	96	31	2	0
Transportation	7,132	523	267	1,970	1,807	1,791	745	24	5
Air transportation	1,959	196	58	539	357	501	307	1	0
Water transportation	2	0	0	0	1	0	1	0	0
Truck transportation	2,368	156	96	644	692	577	185	13	5
Transit & ground passenger transportation	1,331	93	71	350	319	326	167	5	0
Pipeline transportation	42	4	2	8	10	14	4	0	0
Scenic & sightseeing transportation	25	2	4	8	4	5	2	0	0
Support activities for transportation	370	27	17	122	85	93	25	1	0
Couriers & messengers	669	25	15	188	213	194	31	3	0
Warehousing & storage	366	20	4	111	126	81	23	1	0
Utilities	680	65	21	206	172	172	42	2	0
Information	1,105	76	56	348	260	282	81	2	0
Publishing industries, except Internet	438	20	21	162	97	100	29	0	0
Motion picture & sound recording industries	47	10	3	15	9	14	5	0	0
Broadcasting, except Internet	254	22	14	57	71	69	20	1	0
Internet publishing & broadcasting	2	0	0	0	0	1	1	0	0
Telecommunications	270	19	16	84	60	79	12	0	0
ISPs, search portals & data processing	80	3	2	29	18	17	10	1	0
Other information services	14	2	0	1	5	2	4	0	0
Financial Activities	2,915	279	85	910	638	681	290	32	0
Finance & insurance	1,616	167	40	520	305	376	190	18	0
Monetary authorities - central bank	42	8	0	8	10	11	4	1	0
Credit intermediation & related activities	435	62	8	126	76	90	67	6	0
Securities, commodity contracts, investments	59	7	2	14	13	13	10	0	0
Insurance carriers & related activities	634	45	12	207	128	152	83	7	0
Funds, trusts & other financial vehicles	446	45	18	165	78	110	26	4	0

Table 4. Industry by Part of Body Affected, Pennsylvania 2009

INDUSTRY	TOTAL	HEAD	NECK	UPPER EXTREMITIES	TRUNK	LOWER EXTREMITIES	MULTIPLE	BODY SYSTEMS	UNCLASSIFIED
Real estate & rental & leasing	1,299	112	45	390	333	305	100	14	0
Real estate	779	75	23	234	184	187	69	7	0
Rental & leasing services	511	35	22	154	147	116	31	6	0
Lessors of nonfinancial intangible assets	9	2	0	2	2	2	0	1	0
Professional & Business Services	8,371	679	229	2,709	1,912	1,937	826	71	8
Professional & technical services	1,732	144	76	578	361	376	174	23	0
Management of companies & enterprises	947	56	18	321	220	212	111	9	0
Administrative & waste services	5,692	479	135	1,810	1,331	1,349	541	39	8
Administrative & support services	5,247	445	121	1,680	1,228	1,234	497	34	8
Waste management & remediation services	445	34	14	130	103	115	44	5	0
Educational & Health Services	18,747	1,304	538	5,045	4,843	4,556	2,302	129	29
Educational services	5,858	504	109	1,510	1,212	1,701	785	33	3
Health care & social assistance	12,889	800	429	3,535	3,631	2,855	1,517	96	26
Ambulatory health care services	2,577	183	94	704	742	485	329	24	16
Hospitals	3,935	208	100	1,179	1,089	858	468	29	4
Nursing & residential care facilities	4,137	245	128	1,106	1,258	933	439	24	4
Social assistance	2,240	164	107	546	542	579	281	19	2
Leisure & Hospitality Services	5,203	400	80	2,054	970	1,214	447	37	1
Arts, entertainment & recreation	1,074	103	24	311	189	326	111	10	0
Performing arts & spectator sports	303	41	7	79	52	92	30	2	0
Museums, historical sites, zoos & parks	79	6	2	21	14	23	12	1	0
Amusements, gambling & recreation	692	56	15	211	123	211	69	7	0
Accommodation & food services	4,129	297	56	1,743	781	888	336	27	1
Accommodation	829	59	19	260	211	203	72	5	0
Food services & drinking places	3,300	238	37	1,483	570	685	264	22	1
Other Services (except Public Administration)	2,291	226	47	749	452	574	234	7	2
Repair & maintenance	828	113	13	309	162	164	63	4	0
Personal & laundry services	543	42	15	184	112	130	59	1	0
Membership associations & organizations	910	71	19	252	175	280	109	2	2
Private households	10	0	0	4	3	0	3	0	0
Public Administration	8,599	655	265	2,633	1,835	2,438	684	74	15
Executive, legislative & general government	6,948	473	198	2,026	1,560	1,988	626	62	15
Justice, public order & safety activities	1,317	153	56	509	191	372	26	10	0
Administration of human resource programs	40	4	2	14	6	12	2	0	0
Administration of environmental programs	2	0	0	0	2	0	0	0	0
Community & housing program administration	267	22	9	78	69	58	29	2	0
Administration of economic programs	24	3	0	5	7	8	1	0	0
Space research & technology	0	0	0	0	0	0	0	0	0
National security & international affairs	1	0	0	1	0	0	0	0	0
Unclassified	410	16	5	122	117	102	35	15	0

Table 5. Industry by Cause of Injury, Pennsylvania 2009

INDUSTRY	TOTAL	STRUCK AGAINST	STRUCK BY	FALL FROM ELEVATION	FALL ON SAME LEVEL	CAUGHT IN, UNDER OR BETWEEN	BODILY REACTION	OVEREXERTION	CONTACT WITH ELECTRIC	CONTACT WITH TEMPERATURE EXTREMES	RADIATION, CAUSTICS, ETC.	HIGHWAY MOTOR ACCIDENT	OTHER
Total	88,973	6,660	12,893	3,851	11,538	3,508	10,145	27,752	120	1,397	2,416	3,432	5,261
Agriculture, Forestry, Fishing & Hunting	644	35	140	58	75	45	81	143	2	4	20	19	22
Crop production	431	30	73	46	47	31	57	96	1	4	16	13	17
Animal production	136	2	46	10	19	7	14	28	1	0	3	4	2
Forestry	2	0	0	0	1	1	0	0	0	0	0	0	0
Fishing, hunting & trapping	1	0	0	0	1	0	0	0	0	0	0	0	0
Agriculture & forestry support activities	74	3	21	2	7	6	10	19	0	0	1	2	3
Natural Resources & Mining	990	84	189	54	72	83	99	280	0	19	30	26	54
Logging	18	1	3	1	3	1	4	3	0	0	0	1	1
Mining	972	83	186	53	69	82	95	277	0	19	30	25	53
Oil & gas extraction	75	9	10	8	7	2	7	17	0	4	0	6	5
Mining, except oil & gas	506	41	96	19	41	45	56	160	0	9	11	5	23
Coal mining	376	29	75	12	32	39	44	109	0	6	7	3	20
Metal ore mining	9	2	0	0	1	0	0	5	0	1	0	0	0
Nonmetallic mineral mining & quarrying	121	10	21	7	8	6	12	46	0	2	4	2	3
Support activities for mining	391	33	80	26	21	35	32	100	0	6	19	14	25
Construction	7,397	664	1,170	745	545	327	754	2,106	22	70	314	234	446
Construction of buildings	1,777	185	309	185	115	62	187	478	1	17	80	41	117
Residential building construction	1,043	99	193	130	68	33	115	267	1	6	48	20	63
Nonresidential building construction	734	86	116	55	47	29	72	211	0	11	32	21	54
Heavy & civil engineering construction	1,040	80	171	92	99	55	115	285	4	15	39	42	43
Utility system construction	423	36	74	30	50	18	47	109	4	7	19	15	14
Land subdivision	26	2	3	3	7	0	2	6	0	0	2	0	1
Highway, street & bridge construction	551	41	87	56	38	36	65	157	0	8	17	25	21
Other heavy construction	40	1	7	3	4	1	1	13	0	0	1	2	7
Specialty trade contractors	4,580	399	690	468	331	210	452	1,343	17	38	195	151	286
Building foundation & exterior contractors	976	75	159	123	53	38	95	302	3	6	41	21	60
Building equipment contractors	2,044	197	268	194	170	92	194	642	10	15	96	70	96
Building finishing contractors	740	66	121	92	47	20	67	214	3	3	29	22	56
Other specialty trade contractors	820	61	142	59	61	60	96	185	1	14	29	38	74
Manufacturing	11,135	992	1,536	404	905	869	1,044	3,984	20	184	518	152	527
Food manufacturing	1,656	134	203	66	219	107	163	579	2	32	47	33	71
Animal food manufacturing	58	1	8	4	9	6	5	22	0	1	1	0	1
Grain & oilseed milling	45	5	5	3	4	0	6	9	0	1	2	0	10
Sugar & confectionery product mfg.	115	3	13	4	18	8	12	47	0	1	3	0	6
Fruit & vegetable preserving & specialty	177	16	21	8	31	8	16	49	0	9	7	3	9
Dairy product manufacturing	169	8	16	8	23	13	16	67	0	3	4	5	6
Animal slaughtering & processing	288	22	58	19	28	19	24	89	0	6	8	1	14
Seafood product preparation & packaging	1	0	1	0	0	0	0	0	0	0	0	0	0
Bakeries & tortilla manufacturing	528	60	54	12	83	35	56	173	2	8	11	18	16
Other food manufacturing	275	19	27	8	23	18	28	123	0	3	11	6	9
Beverage & tobacco product manufacturing	384	23	48	12	35	24	31	171	0	3	10	19	8
Beverage manufacturing	263	10	21	8	22	18	27	131	0	0	4	17	5
Tobacco manufacturing	121	13	27	4	13	6	4	40	0	3	6	2	3
Textile mills	76	11	11	2	7	3	8	27	0	0	4	0	3

Table 5. Industry by Cause of Injury, Pennsylvania 2009

INDUSTRY	TOTAL	STRUCK AGAINST	STRUCK BY	FALL FROM ELEVATION	FALL ON SAME LEVEL	CAUGHT IN, UNDER OR BETWEEN	BODILY REACTION	OVEREXERTION	CONTACT WITH ELECTRIC	CONTACT WITH TEMPERATURE EXTREMES	RADIATION, CAUSTICS, ETC.	HIGHWAY MOTOR ACCIDENT	OTHER
Fiber, yarn & thread mills	10	2	1	1	1	0	1	2	0	0	1	0	1
Fabric mills	43	6	3	1	6	1	6	17	0	0	1	0	2
Textile & fabric finishing mills	23	3	7	0	0	2	1	8	0	0	2	0	0
Textile product mills	77	7	12	4	5	4	7	31	0	0	1	2	4
Textile furnishings mills	42	2	7	1	1	3	5	19	0	0	1	0	3
Other textile product mills	35	5	5	3	4	1	2	12	0	0	0	2	1
Apparel manufacturing	80	5	12	2	14	0	11	29	0	0	0	2	5
Apparel knitting mills	9	1	2	0	1	0	1	4	0	0	0	0	0
Cut & sew apparel manufacturing	67	4	10	2	13	0	10	23	0	0	0	2	3
Accessories & other apparel mfg.	4	0	0	0	0	0	0	2	0	0	0	0	2
Leather & allied product manufacturing	39	2	7	1	0	4	3	21	0	0	0	0	1
Leather & hide tanning & finishing	20	0	4	1	0	3	2	10	0	0	0	0	0
Footwear manufacturing	15	2	2	0	0	1	1	9	0	0	0	0	0
Other leather product manufacturing	4	0	1	0	0	0	0	2	0	0	0	0	1
Wood product manufacturing	507	47	101	29	20	60	42	168	0	2	14	6	18
Sawmills & wood preservation	106	9	16	5	3	20	12	34	0	0	1	1	5
Plywood & engineered wood product mfg.	32	2	4	1	1	4	1	15	0	0	2	2	0
Other wood product manufacturing	369	36	81	23	16	36	29	119	0	2	11	3	13
Paper manufacturing	330	29	38	5	32	43	26	132	2	3	7	2	11
Pulp, paper & paperboard mills	71	6	5	1	11	9	6	27	0	0	1	1	4
Converted paper product manufacturing	259	23	33	4	21	34	20	105	2	3	6	1	7
Printing & related support activities	412	35	37	8	33	58	27	166	0	2	11	5	30
Petroleum & coal products manufacturing	198	26	37	7	7	6	32	56	0	7	7	4	9
Chemical manufacturing	530	33	68	27	56	29	49	152	1	13	56	19	27
Basic chemical manufacturing	97	7	13	6	8	5	7	28	0	3	12	2	6
Resin, rubber & artificial fibers mfg.	42	1	6	1	9	3	2	14	1	2	1	0	2
Agricultural chemical manufacturing	15	1	1	1	3	0	1	3	0	1	1	0	3
Pharmaceutical & medicine manufacturing	153	5	21	9	16	11	15	51	0	1	5	13	6
Paint, coating & adhesive manufacturing	61	6	8	2	5	2	5	16	0	0	13	2	2
Soap, cleaning compound & toiletry mfg.	76	6	11	5	9	2	11	15	0	3	7	1	6
Other chemical product & preparation mfg.	86	7	8	3	6	6	8	25	0	3	17	1	2
Plastics & rubber products manufacturing	669	65	81	24	37	62	64	262	2	13	24	2	33
Plastics product manufacturing	613	57	73	21	32	57	57	244	2	12	24	2	32
Rubber product manufacturing	56	8	8	3	5	5	7	18	0	1	0	0	1
Nonmetallic mineral product manufacturing	512	48	78	35	42	45	53	162	0	4	17	12	16
Clay product & refractory manufacturing	81	7	9	7	6	9	8	31	0	0	3	0	1
Glass & glass product manufacturing	112	18	10	3	7	10	12	44	0	1	1	1	5
Cement & concrete product manufacturing	243	19	48	23	25	19	24	63	0	0	7	9	6
Lime & gypsum product manufacturing	10	2	0	0	0	0	0	7	0	0	0	1	0
Other nonmetallic mineral products	66	2	11	2	4	7	9	17	0	3	6	1	4
Primary metal manufacturing	1,084	89	143	29	78	88	93	382	4	49	81	3	45
Iron & steel mills & ferroalloy mfg.	442	42	41	14	36	39	48	160	3	18	22	3	16
Steel product mfg. from purchased steel	129	9	19	7	12	9	8	52	0	4	6	0	3
Alumina & aluminum production	18	0	3	0	1	0	3	9	0	0	0	0	2
Other nonferrous metal production	131	13	18	2	10	9	13	53	0	4	2	0	7
Foundries	364	25	62	6	19	31	21	108	1	23	51	0	17

Table 5. Industry by Cause of Injury, Pennsylvania 2009

INDUSTRY	TOTAL	STRUCK AGAINST	STRUCK BY	FALL FROM ELEVATION	FALL ON SAME LEVEL	CAUGHT IN, UNDER OR BETWEEN	BODILY REACTION	OVEREXERTION	CONTACT WITH ELECTRIC	CONTACT WITH TEMPERATURE EXTREMES	RADIATION, CAUSTICS, ETC.	HIGHWAY MOTOR ACCIDENT	OTHER
Fabricated metal product manufacturing	1,716	167	283	57	79	149	158	575	3	25	128	8	84
Forging & stamping	177	18	21	6	4	24	22	67	1	1	3	0	10
Cutlery & hand tool manufacturing	36	2	6	1	3	2	6	15	0	1	0	0	0
Architectural & structural metals mfg.	584	60	121	19	18	56	41	178	1	6	57	0	27
Boiler, tank & shipping container mfg.	134	18	20	6	8	15	10	40	0	2	8	0	7
Hardware manufacturing	20	2	2	2	1	1	1	8	0	0	1	0	2
Spring & wire product manufacturing	60	5	9	3	7	4	2	23	1	0	0	1	5
Machine shops & threaded product mfg.	297	33	46	8	19	25	31	87	0	8	21	3	16
Coating, engraving & heat treating metals	94	6	11	4	5	2	14	38	0	2	8	1	3
Other fabricated metal product mfg.	314	23	47	8	14	20	31	119	0	5	30	3	14
Machinery manufacturing	684	63	102	24	51	48	55	239	2	14	38	6	42
Ag., construction & mining machinery mfg.	132	6	22	5	7	14	9	49	0	2	8	1	9
Industrial machinery manufacturing	39	4	7	3	3	3	3	8	0	2	2	0	4
Commercial & service industry machinery	71	6	9	2	10	2	9	27	0	0	2	1	3
HVAC & commercial refrigeration equipment	64	9	7	4	5	2	4	24	0	2	2	0	5
Metalworking machinery manufacturing	115	10	18	5	8	12	11	40	0	0	6	1	4
Turbine & power transmission equipment mfg.	30	4	2	0	2	3	1	14	0	0	2	1	1
Other general purpose machinery mfg.	233	24	37	5	16	12	18	77	2	8	16	2	16
Computer & electronic product manufacturing	499	54	53	16	54	22	66	184	0	5	17	6	22
Computer & peripheral equipment mfg.	27	5	3	1	4	2	1	9	0	0	0	2	0
Communications equipment manufacturing	36	0	5	2	3	1	6	12	0	2	1	1	3
Audio & video equipment manufacturing	7	2	1	0	0	0	0	3	0	0	0	1	0
Semiconductor & electronic component mfg.	111	11	9	7	11	4	15	40	0	0	7	2	5
Electronic instrument manufacturing	297	35	34	6	35	14	43	108	0	3	9	0	10
Magnetic media manufacturing & reproducing	21	1	1	0	1	1	1	12	0	0	0	0	4
Electrical equipment & appliance mfg.	319	30	47	9	18	22	24	142	0	3	12	3	9
Electric lighting equipment manufacturing	17	3	4	0	2	0	2	4	0	0	1	0	1
Household appliance manufacturing	6	0	1	1	1	1	0	0	0	0	1	0	1
Electrical equipment manufacturing	72	3	9	3	5	4	8	33	0	1	0	2	4
Other electrical equipment & component mfg.	224	24	33	5	10	17	14	105	0	2	10	1	3
Transportation equipment manufacturing	670	48	90	29	53	47	78	230	4	4	27	8	52
Motor vehicle manufacturing	37	2	4	1	6	2	5	14	0	1	1	0	1
Motor vehicle body & trailer manufacturing	87	7	13	4	6	6	12	31	0	0	6	0	2
Motor vehicle parts manufacturing	220	13	23	11	10	26	23	77	1	0	8	1	27
Aerospace product & parts manufacturing	171	16	25	4	16	5	29	53	2	0	3	4	14
Railroad rolling stock manufacturing	83	5	10	5	7	3	5	34	1	3	4	2	4
Ship & boat building	44	3	8	3	6	3	1	14	0	0	4	0	2
Other transportation equipment mfg.	28	2	7	1	2	2	3	7	0	0	1	1	2
Furniture & related product manufacturing	292	38	48	9	24	24	17	113	0	0	3	4	12
Household & institutional furniture mfg.	197	28	42	4	14	12	12	72	0	0	3	0	10
Office furniture & fixtures manufacturing	65	8	5	4	6	10	4	26	0	0	0	1	1
Other furniture related product mfg.	30	2	1	1	4	2	1	15	0	0	0	3	1
Miscellaneous manufacturing	401	38	37	9	41	24	37	163	0	5	14	8	25
Medical equipment & supplies manufacturing	172	17	17	4	24	9	18	60	0	3	6	3	11
Other miscellaneous manufacturing	229	21	20	5	17	15	19	103	0	2	8	5	14

Table 5. Industry by Cause of Injury, Pennsylvania 2009

INDUSTRY	TOTAL	STRUCK AGAINST	STRUCK BY	FALL FROM ELEVATION	FALL ON SAME LEVEL	CAUGHT IN, UNDER OR BETWEEN	BODILY REACTION	OVEREXERTION	CONTACT WITH ELECTRIC	CONTACT WITH TEMPERATURE EXTREMES	RADIATION, CAUSTICS, ETC.	HIGHWAY MOTOR ACCIDENT	OTHER
Trade, Transportation & Utilities	21,166	1,686	2,894	940	2,371	810	2,199	7,338	23	223	459	1,188	1,035
Trade	13,354	1,059	2,070	522	1,470	521	1,378	4,778	14	166	252	422	702
Merchant wholesalers, durable goods	1,876	134	278	77	165	91	221	642	4	34	52	103	75
Merchant wholesalers, nondurable goods	1,171	80	133	65	132	65	121	452	1	9	26	48	39
Electronic markets & agents & brokers	957	68	133	37	81	43	109	367	1	13	17	50	38
Motor vehicle & parts dealers	1,178	112	136	44	146	43	142	347	1	11	53	88	55
Furniture & home furnishings stores	344	22	45	16	45	12	32	141	0	1	7	4	19
Electronics & appliance stores	121	9	20	5	9	2	14	48	0	0	3	5	6
Building material & garden supply stores	1,064	74	174	53	95	35	74	478	1	5	13	14	48
Food & beverage stores	2,724	204	549	62	308	107	247	941	3	58	25	22	198
Health & personal care stores	338	12	42	13	35	14	35	138	0	1	2	22	24
Gasoline stations	433	32	59	16	83	10	50	120	0	18	13	11	21
Clothing & clothing accessories stores	291	37	44	15	48	5	32	83	0	3	1	5	18
Sporting goods, hobby, book & music stores	177	11	38	7	19	7	14	70	0	1	3	1	6
General merchandise stores	1,833	188	306	74	199	63	208	642	2	6	21	12	112
Miscellaneous store retailers	444	50	70	21	47	18	40	145	0	1	7	16	29
Nonstore retailers	403	26	43	17	58	6	39	164	1	5	9	21	14
Transportation	7,132	572	735	387	822	267	744	2,311	6	48	184	745	311
Air transportation	1,959	216	209	78	182	99	172	665	0	15	72	198	53
Water transportation	2	0	0	0	1	0	0	1	0	0	0	0	0
Truck transportation	2,368	175	239	191	257	67	284	805	2	14	40	201	93
Transit & ground passenger transportation	1,331	78	144	32	246	46	129	260	4	9	52	272	59
Pipeline transportation	42	6	3	2	6	3	4	14	0	0	1	3	0
Scenic & sightseeing transportation	25	3	5	4	3	0	1	4	0	1	1	2	1
Support activities for transportation	370	36	42	35	38	10	36	123	0	1	7	26	16
Couriers & messengers	669	35	53	28	61	17	88	274	0	6	4	29	74
Warehousing & storage	366	23	40	17	28	25	30	165	0	2	7	14	15
Utilities	680	55	89	31	79	22	77	249	3	9	23	21	22
Information	1,105	68	111	60	137	55	172	334	3	7	9	88	61
Publishing industries, except Internet	438	23	42	14	60	36	69	145	0	1	1	28	19
Motion picture & sound recording industries	47	5	6	2	3	2	4	14	0	0	0	3	8
Broadcasting, except Internet	254	18	31	24	32	7	20	72	1	3	3	25	18
Internet publishing & broadcasting	2	0	0	0	2	0	0	0	0	0	0	0	0
Telecommunications	270	18	21	17	24	10	59	79	2	3	3	23	11
ISPs, search portals & data processing	80	3	10	3	13	0	15	21	0	0	1	9	5
Other information services	14	1	1	0	3	0	5	3	0	0	1	0	0
Financial Activities	2,915	217	323	132	517	96	346	813	7	34	84	124	222
Finance & insurance	1,616	114	137	60	351	59	215	413	3	20	47	60	137
Monetary authorities - central bank	42	7	6	2	8	0	4	9	0	0	1	1	4
Credit intermediation & related activities	435	30	26	14	120	19	55	87	0	3	7	19	55
Securities, commodity contracts, investments	59	6	6	4	14	2	9	11	0	3	1	2	1
Insurance carriers & related activities	634	28	57	18	122	16	75	203	1	7	16	28	63
Funds, trusts & other financial vehicles	446	43	42	22	87	22	72	103	2	7	22	10	14
Real estate & rental & leasing	1,299	103	186	72	166	37	131	400	4	14	37	64	85
Real estate	779	71	105	52	97	17	84	253	4	11	24	21	40

Table 5. Industry by Cause of Injury, Pennsylvania 2009

INDUSTRY	TOTAL	STRUCK AGAINST	STRUCK BY	FALL FROM ELEVATION	FALL ON SAME LEVEL	CAUGHT IN, UNDER OR BETWEEN	BODILY REACTION	OVEREXERTION	CONTACT WITH ELECTRIC	CONTACT WITH TEMPERATURE EXTREMES	RADIATION, CAUSTICS, ETC.	HIGHWAY MOTOR ACCIDENT	OTHER
Rental & leasing services	511	31	77	18	69	20	47	147	0	3	12	43	44
Lessors of nonfinancial intangible assets	9	1	4	2	0	0	0	0	0	0	1	0	1
Professional & Business Services	8,371	673	1,339	356	1,024	328	947	2,510	16	135	246	332	465
Professional & technical services	1,732	120	358	68	258	50	187	439	5	28	44	84	91
Management of companies & enterprises	947	64	97	26	142	28	114	308	0	47	19	25	77
Administrative & waste services	5,692	489	884	262	624	250	646	1,763	11	60	183	223	297
Administrative & support services	5,247	452	830	224	581	217	589	1,638	11	58	174	191	282
Waste management & remediation services	445	37	54	38	43	33	57	125	0	2	9	32	15
Educational & Health Services	18,747	936	2,769	477	3,208	394	2,418	6,290	9	200	358	622	1,066
Educational services	5,858	266	1,007	265	1,210	159	829	1,553	0	55	101	125	288
Health care & social assistance	12,889	670	1,762	212	1,998	235	1,589	4,737	9	145	257	497	778
Ambulatory health care services	2,577	141	278	51	390	51	289	946	0	29	54	203	145
Hospitals	3,935	226	473	32	568	68	456	1,619	7	50	99	42	295
Nursing & residential care facilities	4,137	187	654	53	663	80	506	1,550	0	41	65	119	219
Social assistance	2,240	116	357	76	377	36	338	622	2	25	39	133	119
Leisure & Hospitality Services	5,203	587	888	162	873	146	612	1,128	9	377	92	75	254
Arts, entertainment & recreation	1,074	82	206	42	136	44	141	300	2	31	22	21	47
Performing arts & spectator sports	303	17	92	7	18	12	38	94	0	6	3	1	15
Museums, historical sites, zoos & parks	79	5	16	5	12	2	11	19	1	1	4	2	1
Amusements, gambling & recreation	692	60	98	30	106	30	92	187	1	24	15	18	31
Accommodation & food services	4,129	505	682	120	737	102	471	828	7	346	70	54	207
Accommodation	829	84	98	39	150	32	98	245	1	19	17	6	40
Food services & drinking places	3,300	421	584	81	587	70	373	583	6	327	53	48	167
Other Services (except Public Administration)	2,291	200	321	110	339	89	325	546	2	40	92	98	129
Repair & maintenance	828	94	118	40	67	44	74	223	0	15	65	39	49
Personal & laundry services	543	46	90	24	73	23	81	132	0	5	9	29	31
Membership associations & organizations	910	60	112	46	195	22	167	189	2	20	18	30	49
Private households	10	0	1	0	4	0	3	2	0	0	0	0	0
Public Administration	8,599	489	1,181	324	1,433	254	1,080	2,128	7	95	191	464	953
Executive, legislative & general government	6,948	374	935	268	1,159	174	915	1,869	7	73	142	302	730
Justice, public order & safety activities	1,317	86	206	43	212	68	136	160	0	21	33	143	209
Administration of human resource programs	40	0	6	1	12	2	5	8	0	0	1	1	4
Administration of environmental programs	2	0	0	0	0	0	0	2	0	0	0	0	0
Community & housing program administration	267	26	34	10	46	9	17	82	0	1	15	18	9
Administration of economic programs	24	3	0	2	4	1	7	6	0	0	0	0	1
Space research & technology	0	0	0	0	0	0	0	0	0	0	0	0	0
National security & international affairs	1	0	0	0	0	0	0	1	0	0	0	0	0
Unclassified	410	29	32	29	39	12	68	152	0	9	3	10	27

Source: Bureau of Workers' Compensation, Pennsylvania Department of Labor & Industry

Table 6. Type of Injury or Illness by Body Part Affected, Pennsylvania 2009

INJURY OR ILLNESS	TOTAL	HEAD	NECK	UPPER EXTREMITIES	TRUNK	LOWER EXTREMITIES	MULTIPLE	BODY SYSTEMS	UNCLASSIFIED
Total	88,973	6,967	2,363	28,835	20,800	21,365	8,047	532	64
Amputation, Enucleation, Loss of Use	389	46	1	314	5	22	1	0	0
Burns: Heat & Chemical	1,559	281	30	805	50	259	133	1	0
Contusion, Crushing, Bruise	12,821	1,718	192	3,888	1,489	4,200	1,324	9	1
Cut, Laceration, Puncture	8,721	1,274	50	6,128	96	1,007	165	1	0
Fracture	5,930	241	40	2,554	447	2,473	175	0	0
Sprain, Strain	41,058	146	1,753	10,661	15,475	10,796	2,218	7	2
Multiple Injuries	2,821	171	32	350	132	238	1,853	41	4
Occupational Illness	2,040	194	34	838	352	33	404	157	16
Other	13,573	2,890	231	3,286	2,749	2,322	1,773	314	20
Unclassified	61	6	0	11	5	15	1	2	21



Table 7. Type of Injury or Illness by Cause of Injury, Pennsylvania 2009

INJURY OR ILLNESS	TOTAL	STRUCK AGAINST	STRUCK BY	FALL FROM ELEVATION	FALL ON SAME LEVEL	CAUGHT IN, UNDER OR BETWEEN	BODILY REACTION	OVEREXERTION	CONTACT WITH ELECTRIC	CONTACT WITH TEMPERATURE EXTREMES	RADIATION, CAUSTICS, ETC.	HIGHWAY MOTOR ACCIDENT	OTHER
Total	88,973	6,660	12,893	3,851	11,538	3,508	10,145	27,752	120	1,397	2,416	3,432	5,261
Amputation, Enucleation, Loss of Use	389	52	104	2	7	166	4	8	0	4	25	2	15
Burns: Heat & Chemical	1,559	10	21	2	11	11	5	7	28	1,151	294	6	13
Contusion, Crushing, Bruise	12,821	1,328	3,708	765	2,782	1,325	1,353	380	2	20	10	666	482
Cut, Laceration, Puncture	8,721	3,269	3,797	127	278	603	227	98	3	17	38	116	148
Fracture	5,930	300	1,158	743	1,567	566	996	236	2	3	0	198	161
Sprain, Strain	41,058	931	1,892	1,542	4,894	481	5,958	22,827	4	17	9	1,521	982
Multiple Injuries	2,821	111	499	263	642	107	383	171	6	16	31	413	179
Occupational Illness	2,040	31	54	8	8	6	90	601	1	50	432	16	743
Other	13,573	628	1,652	398	1,340	243	1,122	3,417	74	119	1,576	486	2,518
Unclassified	61	0	8	1	9	0	7	7	0	0	1	8	20



Table 8. Age by Industry Division, Pennsylvania 2009

AGE	TOTAL	AGRICULTURE, FORESTRY & FISHING	NATURAL RESOURCES & MINING	CONSTRUCTION	MANUFACTURING	TRADE, TRANSPORTATION & PUBLIC UTILITIES	INFORMATION	FINANCIAL ACTIVITIES	PROFESSIONAL & BUSINESS SERVICES	EDUCATIONAL & HEALTH SERVICES	LEISURE & HOSPITALITY SERVICES	OTHER SERVICES (EXCEPT PUBLIC ADMINISTRATION)	PUBLIC ADMINISTRATION	UNCLASSIFIED
Total	88,973	644	990	7,397	11,135	21,166	1,105	2,915	8,371	18,747	5,203	2,291	8,599	410
Under 18 years	472	5	2	25	13	89	1	4	41	72	176	19	23	2
18 thru 20 years	2,740	39	19	217	201	753	14	66	375	361	494	65	115	21
21 thru 24 years	6,116	79	82	591	534	1,587	38	163	762	1,012	652	168	412	36
25 thru 29 years	8,380	84	119	857	867	1,889	112	283	1,015	1,549	615	187	763	40
30 thru 34 years	7,791	70	115	798	938	1,629	125	284	895	1,422	446	188	843	38
35 thru 39 years	8,842	59	100	800	1,123	2,035	134	272	944	1,631	441	204	1,059	40
40 thru 44 years	9,840	72	76	855	1,407	2,428	128	310	923	1,836	440	236	1,085	44
45 thru 49 years	10,719	65	89	884	1,575	2,821	117	342	920	2,112	454	231	1,050	59
50 thru 54 years	10,543	43	121	778	1,583	2,713	145	354	853	2,286	418	277	917	55
55 thru 59 years	8,625	44	110	558	1,290	2,100	133	296	690	2,106	304	233	734	27
60 thru 64 years	4,513	19	43	228	731	1,140	67	185	362	1,063	175	139	338	23
65 years & older	2,650	19	15	98	260	840	32	125	207	625	152	114	145	18
Age not reported	7,742	46	99	708	613	1,142	59	231	384	2,672	436	230	1,115	7
Median Age	43.2	38.8	43.8	40.3	45.6	44.2	48.0	44.4	39.8	45.4	35.0	44.3	42.5	40.7



Table 9. Age by Gender, Pennsylvania 2009

AGE	TOTALS		MALE		FEMALE	
	TOTAL	FATAL	TOTAL	FATAL	TOTAL	FATAL
Total	88,973	100	55,684	88	33,289	12
Under 18 years	472	0	277	0	195	0
18 thru 20 years	2,740	1	1,736	1	1,004	0
21 thru 24 years	6,116	3	3,841	3	2,275	0
25 thru 29 years	8,380	5	5,462	4	2,918	1
30 thru 34 years	7,791	8	5,172	8	2,619	0
35 thru 39 years	8,842	8	5,818	7	3,024	1
40 thru 44 years	9,840	7	6,216	7	3,624	0
45 thru 49 years	10,719	13	6,618	9	4,101	4
50 thru 54 years	10,543	15	6,418	14	4,125	1
55 thru 59 years	8,625	15	5,097	14	3,528	1
60 thru 64 years	4,513	10	2,611	8	1,902	2
65 years & older	2,650	12	1,542	11	1,108	1
Age not reported	7,742	3	4,876	2	2,866	1
Median Age	43.2	51.2	42.5	51.4	44.4	49.4



Table 10. County by Industry Division, Pennsylvania 2009

COUNTY	TOTAL	AGRICULTURE, FORESTRY, FISHING & HUNTING	NATURAL RESOURCES & MINING	CONSTRUCTION	MANUFACTURING	TRADE, TRANSPORTATION & UTILITIES	INFORMATION	FINANCIAL ACTIVITIES	PROFESSIONAL & BUSINESS SERVICES	EDUCATIONAL & HEALTH SERVICES	LEISURE & HOSPITALITY	OTHER SERVICES (EXCEPT PUBLIC ADMINISTRATION)	PUBLIC ADMINISTRATION	UNCLASSIFIED
TOTAL	88,973	644	990	7,397	11,135	21,166	1,105	2,915	8,371	18,747	5,203	2,291	8,599	410
Adams	688	33	2	102	150	133	6	14	47	98	49	16	36	2
Allegheny	7,269	11	13	595	461	1,634	107	274	849	1,717	561	235	789	23
Armstrong	446	7	52	37	76	100	4	5	36	88	9	12	18	2
Beaver	1,402	1	7	105	167	407	15	51	171	278	87	48	61	4
Bedford	265	5	4	49	28	64	1	1	17	48	12	4	32	0
Berks	3,162	70	8	251	589	605	25	158	303	590	132	73	336	22
Blair	984	6	2	89	120	240	10	27	88	190	72	28	111	1
Bradford	234	4	7	19	36	57	1	3	18	43	17	5	24	0
Bucks	3,372	13	6	382	322	884	40	162	340	775	154	102	179	13
Butler	1,072	2	10	101	157	267	17	37	125	192	70	38	52	4
Cambria	1,174	6	76	91	130	203	16	20	103	280	48	19	174	8
Cameron	48	0	0	4	30	4	0	0	0	4	1	0	5	0
Carbon	709	4	7	47	94	137	26	14	56	128	43	12	137	4
Centre	597	4	0	65	41	149	8	21	37	140	60	12	57	3
Chester	2,339	130	2	204	231	638	25	121	212	420	135	70	140	11
Clarion	305	3	16	25	47	60	2	8	14	95	10	1	23	1
Clearfield	531	1	20	44	73	156	4	10	22	113	18	13	50	7
Clinton	254	4	2	19	73	38	2	4	15	58	13	5	21	0
Columbia	466	3	1	35	87	84	4	7	84	92	37	8	24	0
Crawford	500	7	10	37	113	77	6	8	38	108	27	13	54	2
Cumberland	1,326	10	3	110	126	393	16	58	134	244	80	27	125	0
Dauphin	1,625	9	1	102	136	415	11	72	202	311	145	36	183	2
Delaware	3,745	6	1	277	267	1,132	56	163	328	1,018	153	113	223	8
Elk	243	0	7	9	120	38	1	3	16	30	3	5	10	1
Erie	1,588	14	3	111	294	289	13	42	138	383	109	48	135	9
Fayette	1,115	4	45	114	188	251	15	36	66	233	52	27	81	3
Forest	34	0	1	1	9	6	0	1	3	5	2	0	6	0
Franklin	953	13	5	105	123	252	7	16	91	184	48	27	74	8
Fulton	73	5	0	17	10	17	0	0	4	9	2	1	8	0
Greene	339	0	76	39	27	41	0	8	24	72	8	6	38	0
Huntingdon	327	3	4	28	65	56	1	9	26	79	8	10	37	1
Indiana	667	9	113	60	95	117	2	16	36	129	22	17	50	1
Jefferson	348	2	34	35	70	66	2	6	24	65	11	4	23	6
Juniata	173	2	0	21	65	39	2	2	11	22	1	3	5	0
Lackawanna	2,034	0	3	96	288	462	34	54	180	459	84	25	344	5
Lancaster	3,758	40	16	484	646	965	39	141	322	605	243	102	139	16
Lawrence	659	10	6	38	134	111	18	17	78	132	34	16	63	2
Lebanon	961	4	3	81	218	219	13	21	92	174	56	25	55	0

Table 10. County by Industry Division, Pennsylvania 2009

COUNTY	TOTAL	AGRICULTURE, FORESTRY, FISHING & HUNTING	NATURAL RESOURCES & MINING	CONSTRUCTION	MANUFACTURING	TRADE, TRANSPORTATION & UTILITIES	INFORMATION	FINANCIAL ACTIVITIES	PROFESSIONAL & BUSINESS SERVICES	EDUCATIONAL & HEALTH SERVICES	LEISURE & HOSPITALITY	OTHER SERVICES (EXCEPT PUBLIC ADMINISTRATION)	PUBLIC ADMINISTRATION	UNCLASSIFIED
Lehigh	2,520	14	1	228	226	670	28	125	285	480	200	69	158	36
Luzerne	2,737	7	10	157	344	617	34	68	262	488	150	49	519	32
Lycoming	825	8	5	67	180	181	2	11	81	166	51	24	45	4
McKean	311	0	28	15	94	39	1	4	10	82	7	13	18	0
Mercer	668	1	13	34	124	125	8	16	55	175	41	12	60	4
Mifflin	530	0	2	27	287	73	3	6	22	53	15	2	33	7
Monroe	1,126	0	2	60	99	323	20	13	111	255	167	26	44	6
Montgomery	4,157	12	5	409	469	945	71	167	436	1,009	240	110	246	38
Montour	121	4	0	8	11	19	3	1	43	11	7	0	14	0
Northampton	2,136	6	2	185	276	495	33	70	216	398	219	54	165	17
Northumberland	781	7	11	62	130	173	15	7	99	123	25	14	108	7
Perry	313	6	0	45	41	84	4	10	28	46	6	8	34	1
Philadelphia	12,023	7	4	606	644	2,705	149	415	975	3,356	620	313	2,194	35
Pike	312	0	0	19	13	61	4	10	19	74	46	29	37	0
Potter	79	0	4	10	15	11	4	1	3	12	4	1	14	0
Schuylkill	1,171	18	29	97	230	300	10	18	74	167	55	27	145	1
Snyder	238	1	0	23	71	58	0	2	15	27	6	1	32	2
Somerset	607	5	57	55	100	118	3	12	35	103	42	23	49	5
Sullivan	43	1	1	6	9	4	1	1	2	16	0	0	2	0
Susquehanna	218	4	13	15	30	47	1	2	12	54	14	6	19	1
Tioga	218	3	4	19	45	32	1	4	40	37	18	4	11	0
Union	220	1	0	19	40	58	3	6	21	39	8	3	22	0
Venango	436	0	11	39	95	61	2	12	18	90	12	10	81	5
Warren	360	1	14	7	106	97	1	3	17	56	9	5	44	0
Washington	1,483	5	33	172	195	334	25	47	145	277	84	45	115	6
Wayne	314	0	6	22	28	76	7	5	29	66	32	18	20	5
Westmoreland	2,562	8	25	218	409	629	23	66	274	451	160	64	228	7
Wyoming	226	1	4	21	21	47	1	4	28	62	9	8	16	4
York	2,521	13	0	279	527	595	16	90	230	395	132	72	162	10
Out of State	3,932	66	140	444	370	1,383	83	109	436	568	208	75	42	8

Methodology

Injuries and illnesses are reported to the bureau by Electronic Data Interchange, or EDI, or through the department's website. The narrative description of the accident or exposure is coded for type of injury, part of body affected and cause of injury. These characteristics are classified according to the National Council on Compensation Insurance Coding System as it refers to work-related injuries. The nature of business is classified according to the North American Industry Classification System. In Tables 3, 4 and 5 of this publication, Natural Resources, Mining, Construction and Manufacturing industries are classified at the four-digit level. All other industries are classified at the three-digit level. Tables 1, 8 and 10 are at the division level. Age and gender are obtained directly from the electronic report.

The data tabulated refers to the years in which the injury or illness was reported. In some instances, however, the injury actually occurred in an earlier period.

Glossary

North American Industry Classification System (NAICS)

A classification system developed by the Office of Statistical Standards, Executive Office of the President/Office of Management and Budget, for use in classifying firms by type of activity in which they are engaged. Each firm is assigned an industry code for its major activity, which is determined by the product or group of products produced or services rendered.

Cause of Injury

Description of the event that directly resulted in the injury, i.e., struck by or against; fall; caught in, under or between; overexertion; etc.

Type of Injury

Result of the injury or illness, i.e., cut, bruise, fracture, amputation, sprain, etc.

Part of Body Affected

The part of the worker's body directly affected by the injury or illness.

Work Injury and Illness Rate

Injury and illness rates for selected industries are obtained by dividing the number of injuries or illnesses reported during the year by the estimated average preliminary employment for 12 months, times 1,000.

Age and Gender

Obtained directly from the First Report of Injury at time of injury.

Electronic Data Interchange (EDI)

Process of submitting a First Report of Injury electronically.

Web

Process of submitting a First Report of Injury via the Internet.



pennsylvania

DEPARTMENT OF LABOR & INDUSTRY

Commonwealth of Pennsylvania
Department of Labor & Industry
Bureau of Workers' Compensation
Claims Management Division
1171 South Cameron Street, Room 109
Harrisburg, PA 17104-2501

www.dli.state.pa.us