



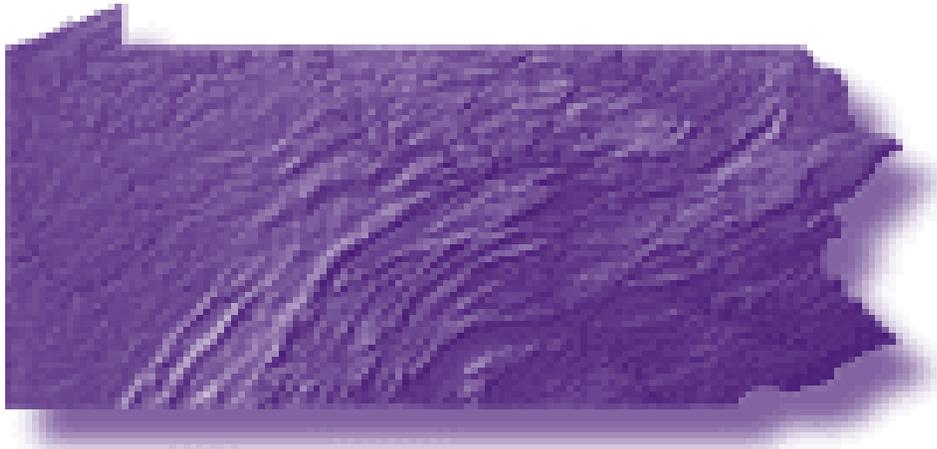
INJURIES IN PENNSYLVANIA

Hospital Discharges 2004

DEPARTMENT OF
HEALTH

Edward G. Rendell, Governor

Injuries in Pennsylvania



Hospital Discharges 2004

Violence and Injury Prevention Program
Division of Health Risk Reduction
Bureau of Health Promotion and Risk Reduction
Pennsylvania Department of Health
Room 1008 Health and Welfare Building
Seventh and Forster Streets
Harrisburg, Pennsylvania 17120
717-787-5900
<http://www.health.state.pa.us>

December 2006

Acknowledgments

This monograph was prepared by Tom Trong, M.S., and Harold B. Weiss, Ph.D., M.P.H. from the Center for Injury Research and Control (CIRCL), Department of Neurological Surgery, University of Pittsburgh, UPMC Presbyterian, 200 Lothrop Street, Suite B-400, Pittsburgh, PA 15213-2582. Telephone (412) 648-2600; Fax (412) 648-8924; URL: www@circl.pitt.edu.

This publication was supported by the Preventive Health and Health Services Block Grant from the Centers for Disease Control and Prevention (CDC) under a contract administered by the Pennsylvania Department of Health (Department). Both the CDC and the Department specifically disclaim responsibility for any interpretations or conclusions. The contents are solely the responsibility of the authors and do not necessarily represent the official views of the CDC.

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Violence and Injury Prevention Program
Division of Health Risk Reduction
Bureau of Health Promotion and Risk Reduction
Pennsylvania Department of Health
Room 1008 Health and Welfare Building
Seventh and Forster Streets
Harrisburg, Pennsylvania 17120
717-787-5900
<http://www.health.state.pa.us>

Suggested Citation

Truong T, Weiss HB. Injuries in Pennsylvania: Hospital Discharges, 2004. Pittsburgh, Pennsylvania: Center for Injury Research and Control (CIRCL), Department of Neurological Surgery, University of Pittsburgh, 2004.

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List of Abbreviations and Special Symbols

E-code	External cause of injury code
HDD	Hospital Discharge Data
ICD-9-CM	International Classification of Diseases, Ninth Edition, with Clinical Modification
PHC4	Pennsylvania Health Care Cost Containment Council
NEC	Not Elsewhere Classifiable
.	Rate not computed, <10 cases. Statistic not computed, 0 cases.
MVR	Motor Vehicle-Related
CDC	Centers for Disease Control and Prevention

Executive Summary

Nationally, injury is the leading cause of death among children and young adults. It is also a cause of much morbidity and disability in all ages.¹⁻³ However, in the Commonwealth of Pennsylvania, what is known about injuries has been based mostly on mortality data⁴ which generally represents much less than 1% of medically treated injuries. This report describes the injury problem in Pennsylvania using the state Hospital Discharge Data (HDD) compiled by the Pennsylvania Health Care Cost Containment Council (PHC4). It is an annual report, part of an ongoing series designed to comprehensively document the hospitalized injury burden to Pennsylvanians.

In 2004, 135,334 reported injury cases to Pennsylvania residents were discharged from hospitals in the Commonwealth of Pennsylvania, a rate of 1,090.8 per 100,000 persons. The leading causes of hospitalized injury were falls, poisonings, and motor vehicle accidents. Rare causes included injuries from drowning and non-MVT pedestrians. The majority of injuries were reported as unintentional. One subgroup of the population with very high rates was elderly whites (85+ years). The rate in males was 1068.4/100,000 compared to 1,111.9/100,000 for females. The rate for Blacks was 1.15 times that of Whites.

Findings from this report continue to demonstrate that injuries are an important and costly public health problem in the Commonwealth of Pennsylvania. For many causes of injury hospitalization, the rates in Pennsylvania exceed the national target rates set in the Healthy People 2010: Understanding and Improving Health.

Second, this report has identified specific segments of the population at highest risk for injury in general, and for specific causes of injury. For example, age groups 0-14 and 85+ years of age were noted to have very high injury hospitalization rates especially for falls, hip fractures and pedestrian injuries. Regarding specific causes, pedestrian and firearm-related injuries were found to be important problems for black children ages 5-14 and 15-24 years, respectively. This information should be useful for program planning, prioritization, and comparisons among counties.

Third, this report can assist in targeting populations for specific injury control programs, for example, bicycle helmet programs for children, suicide prevention programs for persons 15-44 years of age, and fire prevention programs that distribute smoke detectors for specific counties that have a higher prevalence of fire and burn injuries.

Finally, data in this report series will eventually permit useful trend analysis in the state. Such trend analysis will be important in tracking the progress of the state regarding achieving the Healthy People 2010 Injury Prevention objectives and other goals that are based on hospitalizations or morbidity indices.

Readers and users of this report should use caution when interpreting many of the findings in this report because of incomplete E-coding and the injury definition used. Relative rates, or the magnitude of differences within each table, are useful and valid for comparisons. However, the absolute numbers may not necessarily reflect the exact quantitative burden on Pennsylvania's population. In particular, non-residents were excluded for analysis. It is our hope that this report and those to follow will lead to better identification of state and local injury problems, provide better quantification and comparisons to other health risks, and thus serve as justification for expanded, enhanced, and targeted prevention efforts. Indeed, we can prevent many injuries once we take the time to identify the risk factors: injuries occur to high risk individuals, occur in high risk places, and involve high risk activities. These numbers indeed point the way.

Fact Sheet

- In 2004, a total of 135,334 injury-related hospital discharges were reported by Pennsylvania hospitals, representing an injury hospital discharge rate of 1,090.8 per 100,000 persons.
- Males experienced an overall rate of 1,068.4 per 100,000 persons compared with a female rate of 1,111.9 per 100,000 persons.
- The overall injury rate for Blacks was 1.15 times that for Whites.
- Falls accounted for 46.8% of all injury discharges that were assigned valid E-codes.
- Violence, including self-inflicted injuries and assaults, comprised 10.5% of all injury hospital discharges with rates of 74.1 and 40.7 per 100,000 persons, respectively.
- The hospital discharge rate from assaults for Blacks was 10.1 times that for Whites.
- Among males aged 20-24 years old, the rate of discharge from a hospital as a result of a firearm-related injury for Blacks is 461.4 per 100,000 compared with 17.9 per 100,000 for Whites.
- The age-adjusted hospital discharge rate for nonfatal spinal cord injuries in Pennsylvania was 5.1/100,000, 2.13 times *higher* than the national target rate set for the year 2010.
- The age-adjusted hospital discharge rate for nonfatal head injuries in Pennsylvania was 101.2/100,000, 2.25 times *higher* than the national target rate set for the year 2010.
- For females ages 65 years and older, the age-adjusted hospital discharge rate from hip fractures in Pennsylvania was 935.1 per 100,000, 2.25 times *higher* than the national target rate set for the year 2010.
- For males ages 65 years and older, the age-adjusted hospital discharge rate from hip fractures in Pennsylvania was 517.4/100,000, 1.09 times *higher* than the national target rate set for the year 2010.
- The total charges for hospitalized injury discharges in Pennsylvania in 2004 exceeded \$4.6 billion.

Narrative

Overview of Monograph

This monograph begins with a short narrative that incorporates the scope of the injury problem, background on the Pennsylvania E-code Project, the data source, the injury definition used, data limitations and data analysis, along with graphical highlights of the data. Following this narrative, detailed tables depicting county specific data and statewide data are presented, with important findings bulleted in each of the five graphs.

Technical notes on the methods and the International Classification of Diseases, Ninth Revision, with Clinical Modification (ICD-9-CM) groupings used in this report are included in an appendix. The ICD-9-CM categories include overall E-code groups, E-codes for specific injury mechanisms, and codes for spinal cord injuries, head injuries, and hip fractures. The appendix also includes a brief description of the state's status toward meeting the Healthy People 2010 Injury Prevention Objectives.

Background on the Pennsylvania E-code Project

This report was conceived under a sub-contract known as the *Pennsylvania E-code Analysis, Reporting and Training Project*. Funded by the Pennsylvania Department of Health, the project is coordinated and managed by the University of Pittsburgh's Center for Injury Research and Control (CIRCL). The goal of this ongoing project is to promote the accurate and complete collection and use of external cause-of-injury codes (E-codes) from the state Hospital Discharge Data (HDD) system and other data sources through educational, informational, and analytic efforts. E-codes provide a supplementary classification to the ICD-9-CM groupings to identify environmental events, circumstances, and conditions as the cause of injury.

The main activities under the project include the following:

- Conducting training workshops for medical record coders; and
- Performing data analyses and preparing annual reports of injury and behavioral risks.

Data Source

The 2004 statewide Hospital Discharge Data compiled by the Pennsylvania Health Care Cost Containment Council (PHC4) was the primary data source for this report. PHC4 compiles data on inpatient discharges from all hospitals in Pennsylvania. The data set contains patient specific data with numerous fields of interest for injury surveillance including patient demographics (age, gender, and race), discharge diagnoses (principal diagnosis, one to eight secondary diagnoses), type and source of admission; and characteristics of admission and discharge (admission quarter and year, discharge quarter and year). Data used for this report includes all 2004 hospital discharges due to injuries to Pennsylvania residents.

Injury Definition Used

An injury hospital discharge was defined as one occurring in the Commonwealth of Pennsylvania that was assigned an ICD-9-CM code between 800 and 995 as its primary diagnosis or one with any diagnosis outside ICD-9-CM codes 800-995 but with a valid E-code. A few cases were excluded [see Appendix A].

In this report, injury discharges are primarily grouped by a dual axis matrix of mechanisms (or causes) and intent. The mechanism/intent matrix assigns E-codes to cause groups in a row and intent group in a column to represent injuries of a certain cause and the intentionality associated with the injury. The intent may be specified as unintentional, self-inflicted (including para-suicides), assault (including attempted homicides), or other/unspecified [see Appendix B]. The causes represent categories of groups by which related types of

injuries occur, e.g. firearms, poisonings. In this fashion, the magnitude of all related injury problems is better surmised so as to identify appropriate preventive strategies that may be effective across cause groups.

Some tables and figures in this report emphasize causes as defined in the mechanism/intent matrix, some emphasize intent as also defined in the matrix, and others combine the two perspectives in a cross-tabulation manner. Cause and mechanism are used interchangeably throughout the report to mean the same thing.

Data Limitations

There were several limitations with the data that need to be considered when interpreting the results presented in this report including the following:

- The consistency with which E-codes are used and assigned might vary among hospitals.
- Varying specificity among E-codes and the use of non-specific E-codes.
- Existence of a few ambiguous codes.
- Lack of medical record injury documentation leading to incomplete or lack of E-coding.
- Injuries with an undetermined intent might be coded by medical records personnel as “unintentional” per national E-code assignment guidelines. This situation likely results in substantial under reporting of “intentional” injuries.
- Possibility of double counting some cases because there was no way to identify re-admissions. This could happen for cases that might have been admitted and transferred to another institution.
- Hospital coding errors are not always captured during the PHC4 editing process that may result in the possibility that a small number of coding errors were introduced in some fields.
- Exclusion of non-residents.

Finally, readers are cautioned about missing data on several variables. Due to the limitations mentioned above, readers are cautioned about extrapolation of this data and comparison of 2004 data with those of other years. Data in many of the tables may not add up to the total number of injury hospital discharges due to missing or out-of-range data.

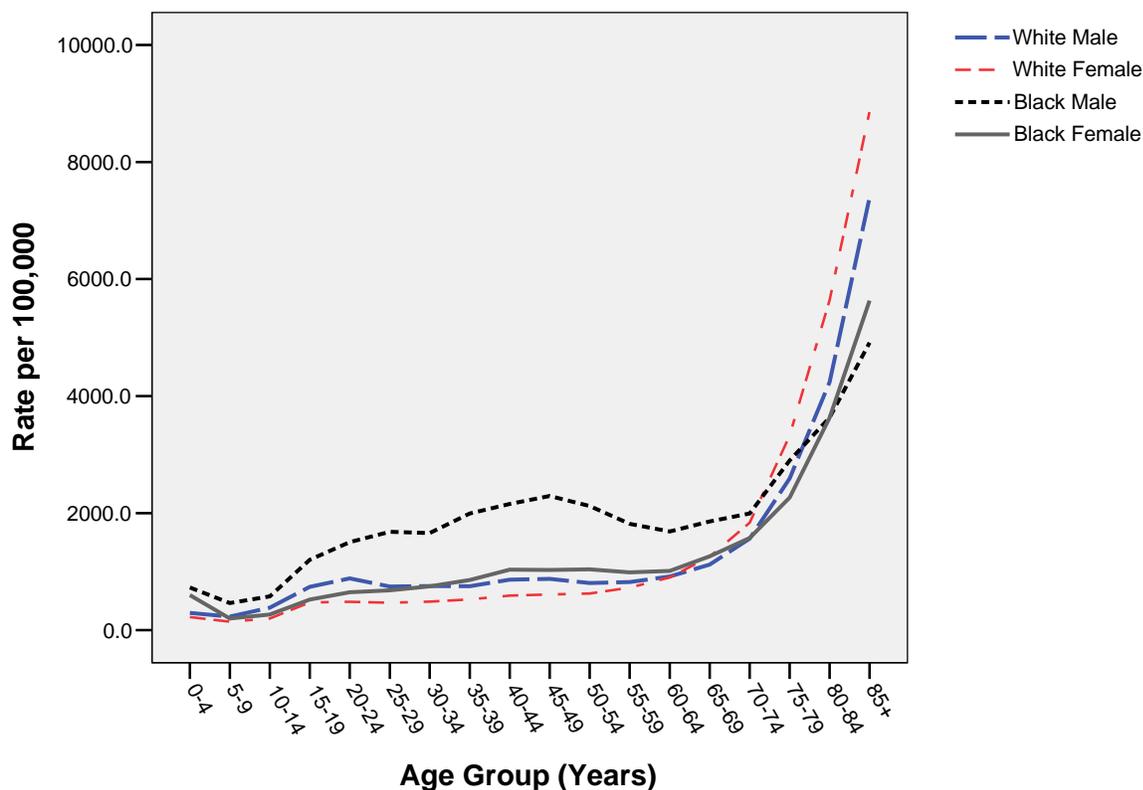
Data Analysis

Data analysis was performed using SPSS.⁵ The analysis was performed according to suggested recommendations published recently.⁶ Data for population-based rates statewide and for each county were obtained from the State Bureau of Health Statistics and Research⁷ and the U.S. Bureau of Census.

Rates were computed for several specific injury causes (e.g. fall, firearm) and injury types (e.g. assaults, spinal cord injuries) to provide data to track Pennsylvania’s progress toward meeting the *Healthy People 2010: Understanding and Improving Health Objectives*.⁸ Details of data analysis are included in Appendix A. The E-codes for each mechanism (cause of injury) or intent grouping, as well as the codes for specific injury causes and types are also listed in Appendix B.⁹

Graphical Highlights

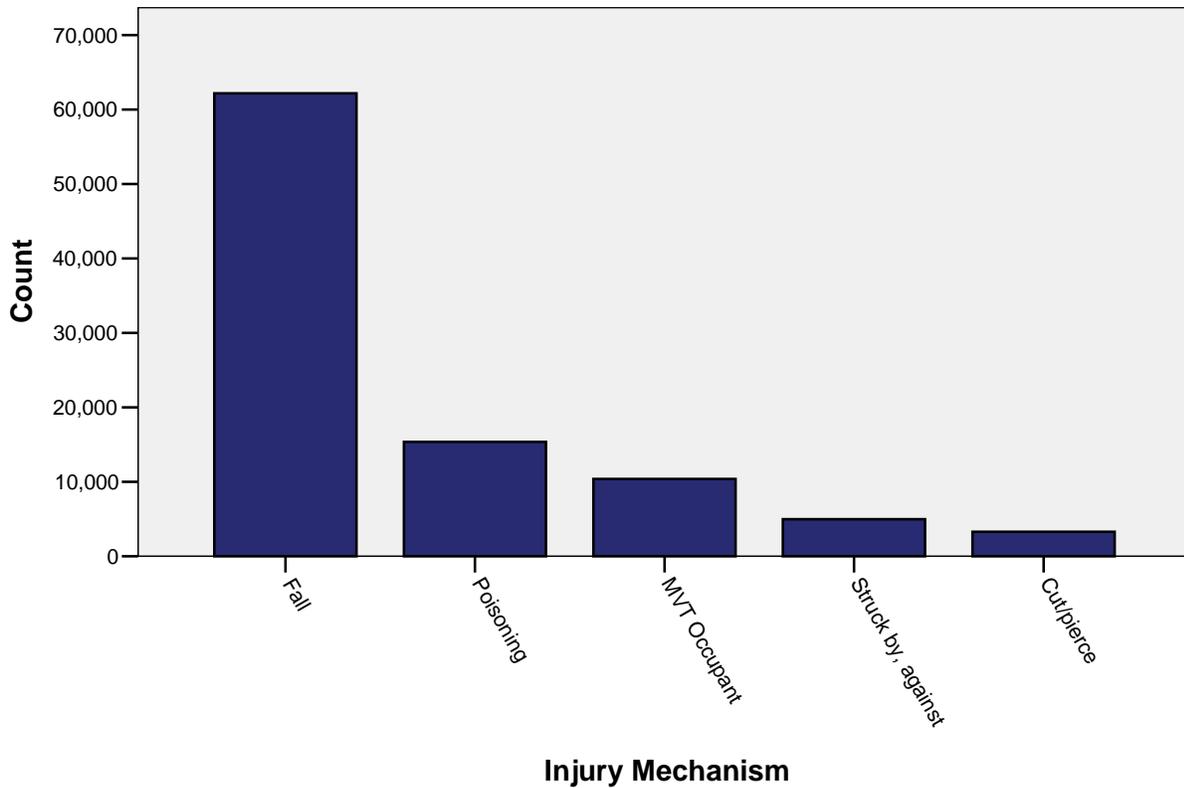
Figure 1: Hospital Discharge Rates by Race-Gender and Age Group, Pennsylvania, 2004



Source: PHC4, 2004

- Overall, the injury hospital discharge rate for females (1,111.9 per 100,000 persons) was higher than that for males (1,068.4 per 100,000).
- Among Blacks, males experienced a higher injury hospital discharge rate than females from birth to age 70 years, after which the rates were similar until age 85.
- White males experienced a higher injury hospital discharge rate than white females from birth to age 65 years.
- Overall injury hospital discharge rate for Blacks was 1.15 times that of Whites.

Figure 2: Hospital Discharges for Top 5* Injury Mechanisms, Pennsylvania, 2004

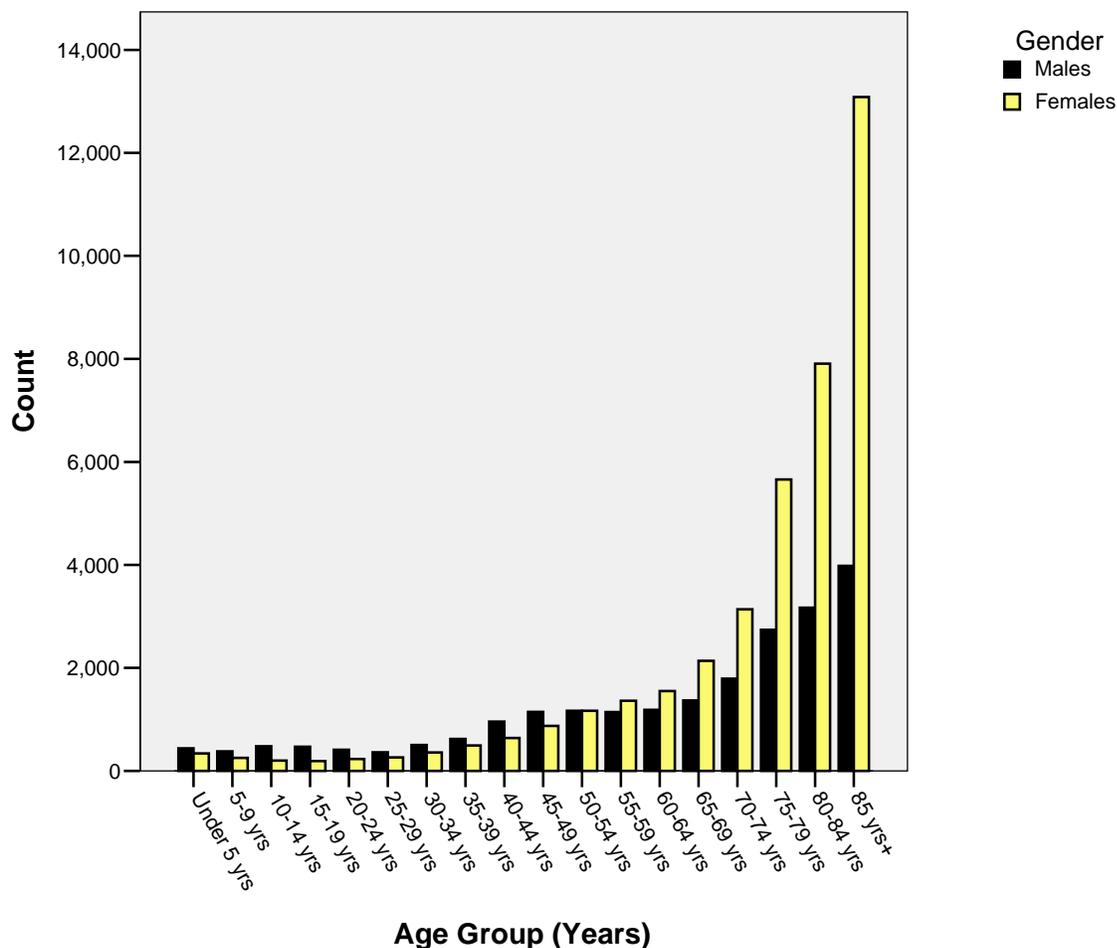


Source: PHC4, 2004

- **The three leading causes for injury-related hospital discharges among Pennsylvanians continues to be falls, poisonings and motor vehicle-related injuries.**
- **These three mechanisms account for over 68% of all injury-related hospital discharges among Pennsylvanians.**

* Excludes the “Other specified and classifiable” category which would rank fourth.

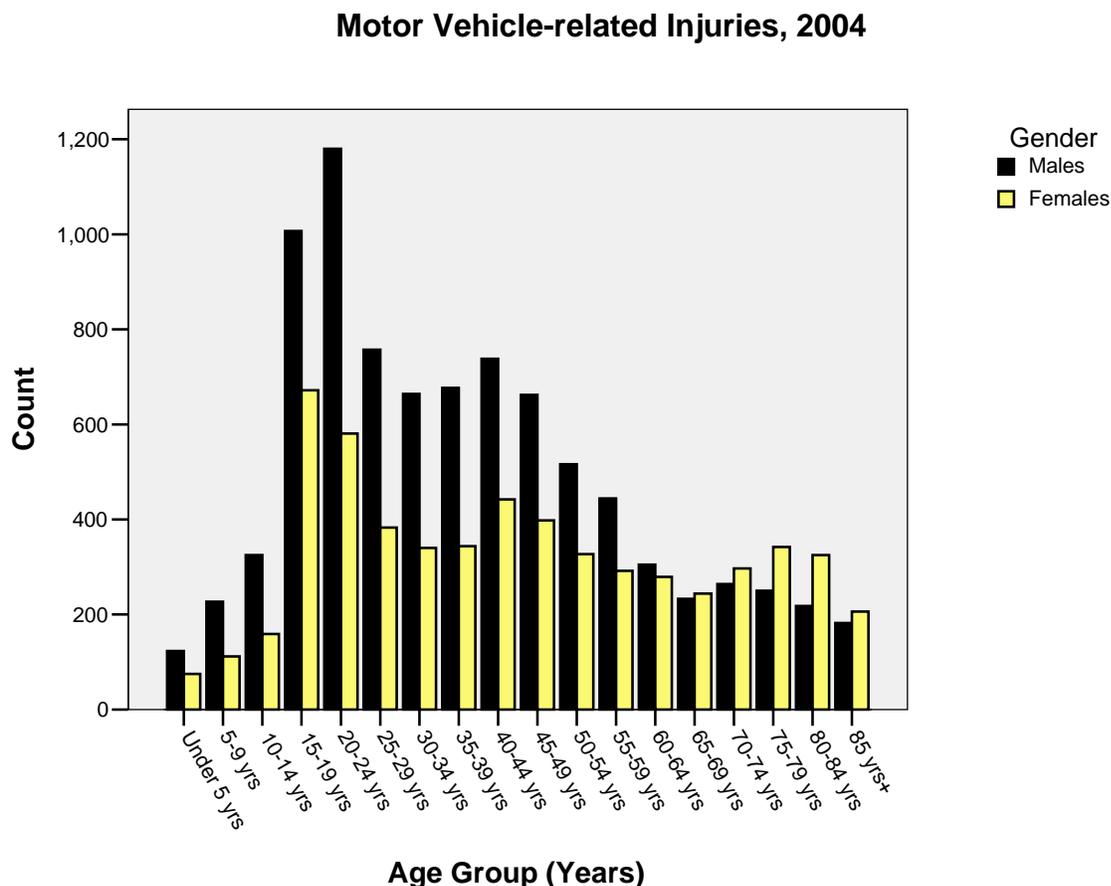
Figure 3: Hospital Discharges for Falls by Age Group and Gender, Pennsylvania, 2004



Source: PHC4, 2004

- The frequency distribution of hospital discharges from falls demonstrates an increasing trend with age.
- Among persons under 50 years, the frequency of hospital discharges from falls was higher in males.
- After age 55, females demonstrate increasingly higher frequencies of hospitalizations from falls than do males.
- The greatest disparity in frequency of hospital discharges for falls occurred among elderly persons aged 85 years and older with females having a higher frequency than males.

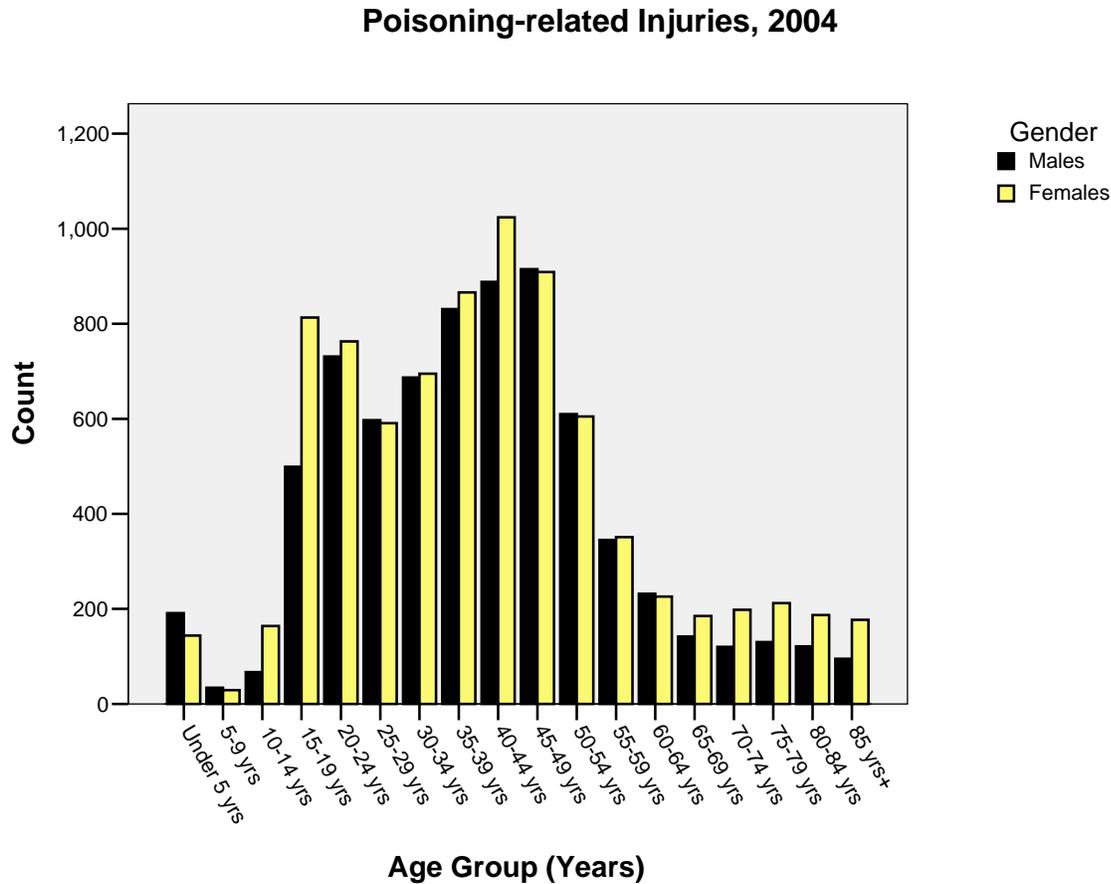
Figure 4: Hospital Discharges for Motor Vehicle-Related Injuries by Age Group and Gender, Pennsylvania, 2004



Source: PHC4, 2004

- The frequency distribution of hospital discharges from motor vehicle-related (MVR) injuries by age and gender shows that the highest figures by far occurred among youth aged 15-24.
- Among persons 0-64 years, the frequency of hospital discharges from MVR injuries was higher in males.
- After 65 years of age, females demonstrate higher frequency of hospital discharges for MVR injuries.
- The greatest disparity in frequency of hospital discharges for MVR injuries occurred among persons aged 20-24 years, with males having a higher frequency than females.

Figure 5: Hospital Discharges for Poisonings by Age Group and Gender, Pennsylvania, 2004



Source: PHC4, 2004

- **The most frequent hospital discharges from poisonings were among females ages 40-44.**
- **Among persons under 10 years, the frequency of hospital discharges from poisonings was higher in males.**
- **The greatest disparity in frequency of poisonings occurred among persons aged 15-19 years with females having a higher frequency than males.**

Detailed Tables of Statewide Data

Table 1: Hospital Discharges for All Injuries* by Age Group and Gender, Number and Rate, Pennsylvania, 2004

Age Group (Years)	Gender					
	Male		Female		Total	
	Number	Rate**	Number	Rate**	Number	Rate**
Under 5	1,517	406.3	1,132	317.0	2,649	362.6
5-9	1,173	295.6	662	174.5	1,835	236.4
10-14	1,899	445.4	921	226.8	2,820	338.7
15-19	4,006	861.3	2,335	514.9	6,341	690.3
20-24	4,459	1,038.5	2,218	538.7	6,677	793.9
25-29	3,417	949.1	1,832	523.7	5,249	739.5
30-34	3,517	919.6	2,090	544.2	5,607	731.5
35-39	4,025	939.0	2,553	585.7	6,578	760.8
40-44	4,863	1,045.1	3,127	656.9	7,990	848.8
45-49	4,888	1,054.4	3,187	668.7	8,075	858.8
50-54	4,037	954.3	3,017	685.0	7,054	816.9
55-59	3,326	938.6	2,929	772.9	6,255	853.0
60-64	2,819	1,005.0	2,909	934.4	5,728	967.9
65-69	2,755	1,208.3	3,474	1,276.3	6,229	1,245.3
70-74	3,218	1,637.6	4,726	1,846.9	7,944	1,756.0
75-79	4,297	2,677.3	7,797	3,289.5	12,094	3,042.3
80-84	4,639	4,279.1	10,245	5,585.2	14,884	5,100.0
85+	5,405	7,376.3	15,903	8,773.3	21,308	8,371.2
All Ages	64,260	1,068.4	71,057	1,111.9	135,334	1,090.8

Source: PHC4.

* May include late effects and cases outside ICD codes 800-995 with valid E-codes.

** Per 100,000 population, 2004.

Table 2: Hospital Discharges for All Injuries* by Age Group and Gender, Number and Rate, White Race, Pennsylvania, 2004

Age Group (Years)	Gender					
	Male		Female		Total	
	Number	Rate**	Number	Rate**	Number	Rate**
Under 5	911	295.9	655	222.8	1,566	260.2
5-9	757	232.0	457	147.0	1,214	190.6
10-14	1,354	384.5	664	198.9	2,018	294.2
15-19	2,865	739.9	1,791	473.9	4,656	608.5
20-24	3,170	884.8	1,663	485.5	4,833	689.6
25-29	2,249	746.9	1,361	468.2	3,610	610.0
30-34	2,452	753.0	1,581	488.9	4,033	621.4
35-39	2,790	751.9	1,963	527.3	4,753	639.4
40-44	3,525	863.9	2,432	589.5	5,957	726.0
45-49	3,611	877.2	2,549	610.5	6,160	742.9
50-54	3,055	805.1	2,437	626.1	5,492	714.5
55-59	2,635	822.9	2,451	726.7	5,086	773.6
60-64	2,336	916.7	2,514	901.6	4,850	908.8
65-69	2,341	1,122.1	3,090	1,257.2	5,431	1,195.1
70-74	2,839	1,564.0	4,291	1,837.9	7,130	1,718.1
75-79	3,876	2,590.9	7,286	3,327.3	11,162	3,028.4
80-84	4,303	4,239.7	9,611	5,639.1	13,914	5,116.8
85+	5,075	7,393.1	14,981	8,866.2	20,056	8,440.7
All Ages	50,144	961.8	61,777	1,119.5	111,921	1,042.9

Source: PHC4.

* May include late effects and cases outside ICD codes 800-995 with valid E-codes.

** Per 100,000 population, 2004.

Table 3: Hospital Discharges for All Injuries* by Age Group and Gender, Number and Rate, Black Race, Pennsylvania, 2004

Age Group (Years)	Gender					
	Male		Female		Total	
	Number	Rate**	Number	Rate**	Number	Rate**
Under 5	365	729.1	290	599.9	655	665.6
5-9	252	464.1	105	199.9	357	334.2
10-14	335	577.8	150	267.1	485	424.9
15-19	717	1,203.9	301	523.6	1,018	869.8
20-24	805	1,503.7	340	649.5	1,145	1,081.4
25-29	753	1,681.7	306	680.9	1,059	1,180.4
30-34	702	1,660.9	342	749.1	1,044	1,187.4
35-39	875	1,993.2	419	856.1	1,294	1,393.8
40-44	959	2,158.2	518	1,034.7	1,477	1,563.0
45-49	940	2,293.0	485	1,029.7	1,425	1,617.6
50-54	727	2,120.0	424	1,039.3	1,151	1,532.8
55-59	484	1,818.5	327	987.3	811	1,357.6
60-64	335	1,686.8	266	1,013.4	601	1,303.5
65-69	285	1,858.4	277	1,262.5	562	1,507.7
70-74	244	1,995.6	303	1,575.7	547	1,738.9
75-79	264	2,901.1	358	2,267.5	622	2,499.2
80-84	210	3,632.6	412	3,631.2	622	3,631.7
85+	188	4,913.7	598	5,630.4	786	5,440.6
All Ages	9,440	1,525.4	6,221	911.3	15,661	1,203.3

Source: PHC4.

* May include late effects and cases outside ICD codes 800-995 with valid E-codes.

** Per 100,000 population, 2004.

Table 4: Cause of Hospitalization by Age Group (0-44), Number and Rate, Pennsylvania, 2004

	Age Group (Years)																	
	Under 5		5-9		10-14		15-19		20-24		25-29		30-34		35-39		40-44	
	No	Rate*	No	Rate*	No	Rate*	No	Rate*	No	Rate*	No	Rate*	No	Rate*	No	Rate*	No	Rate*
Cut/Pierce	39	5.3	58	7.5	89	10.7	348	37.9	468	55.6	347	48.9	295	38.5	340	39.3	401	42.6
Drowning/Submersion	28	3.8	7	.	9	.	.	.	3	.	2	.	3	.	6	.	1	.
Fall	778	106.5	634	81.7	681	81.8	661	72.0	645	76.7	623	87.8	860	112.2	1,116	129.1	1,596	169.5
Fire/Flame	36	4.9	29	3.7	50	6.0	69	7.5	59	7.0	57	8.0	51	6.7	60	6.9	73	7.8
Hot Object/Scald	222	30.4	44	5.7	31	3.7	30	3.3	33	3.9	36	5.1	61	8.0	74	8.6	105	11.2
Firearm	4	.	5	.	32	3.8	322	35.1	380	45.2	263	37.1	167	21.8	104	12.0	111	11.8
Machinery	16	2.2	14	1.8	15	1.8	38	4.1	50	5.9	54	7.6	51	6.7	80	9.3	78	8.3
MVT Occupant	105	14.4	115	14.8	201	24.1	1,329	144.7	1,337	159.0	839	118.2	708	92.4	684	79.1	796	84.6
MVT Motorcyclist	1	.	6	.	23	2.8	122	13.3	218	25.9	178	25.1	189	24.7	199	23.0	212	22.5
MVT Pedal Cyclist	3	.	52	6.7	106	12.7	46	5.0	24	2.9	19	2.7	9	.	16	1.9	21	2.2
MVT Pedestrian	86	11.8	156	20.1	145	17.4	113	12.3	91	10.8	63	8.9	56	7.3	57	6.6	94	10.0
MVT Unspecified	.	.	.	.	2	.	50	5.4	73	8.7	32	4.5	35	4.6	51	5.9	45	4.8
MVT Other	3	.	10	1.3	7	.	19	2.1	18	2.1	9	.	7	.	14	1.6	12	1.3
Pedal cyclist, other	19	2.6	137	17.7	215	25.8	102	11.1	30	3.6	17	2.4	28	3.7	25	2.9	59	6.3
Pedestrian, other	9	.	10	1.3	7	.	5	.	8	.	3	.	5	.	1	.	6	.
Transport, other	24	3.3	76	9.8	182	21.9	250	27.2	162	19.3	130	18.3	135	17.6	154	17.8	157	16.7
Bites & Stings	143	19.6	74	9.5	72	8.6	109	11.9	108	12.8	100	14.1	144	18.8	173	20.0	206	21.9
Other natural/env'tl factor:	33	4.5	16	2.1	23	2.8	20	2.2	22	2.6	19	2.7	30	3.9	48	5.6	60	6.4
Overexertion	8	.	10	1.3	45	5.4	78	8.5	63	7.5	107	15.1	121	15.8	140	16.2	169	18.0
Poisoning	335	45.9	63	8.1	231	27.7	1,312	142.8	1,494	177.6	1,188	167.4	1,382	180.3	1,697	196.3	1,912	203.1
Struck by, Against	121	16.6	136	17.5	345	41.4	600	65.3	495	58.9	352	49.6	329	42.9	376	43.5	447	47.5
Suffocation	72	9.9	12	1.5	12	1.4	23	2.5	26	3.1	29	4.1	22	2.9	32	3.7	26	2.8
Other specified & classifiable	287	39.3	86	11.1	120	14.4	211	23.0	333	39.6	287	40.4	336	43.8	411	47.5	493	52.4
Other specified, NEC	31	4.2	14	1.8	30	3.6	92	10.0	116	13.8	141	19.9	148	19.3	155	17.9	185	19.7
Unspecified	142	19.4	43	5.5	81	9.7	263	28.6	300	35.7	252	35.5	311	40.6	420	48.6	538	57.2
Total	2,545	348.4	1,807	232.8	2,754	330.8	6,212	676.3	6,556	779.5	5,147	725.1	5,483	715.3	6,433	744.1	7,803	828.9

Source: PHC4.

* Per 100,000 population, 2004; totals exclude missing data.

. Rate not calculated for < 10 observations.

Table 5: Cause of Hospitalization by Age Group (45-85+), Number and Rate, Pennsylvania, 2004

	Age Group (Years)																	
	45-49		50-54		55-59		60-64		65-69		70-74		75-79		80-84		85+	
	No	Rate*	No	Rate*	No	Rate*	No	Rate*	No	Rate*	No	Rate*	No	Rate*	No	Rate*	No	Rate*
Cut/Pierce	253	26.9	200	23.2	118	16.1	82	13.9	63	12.6	48	10.6	54	13.6	42	14.4	50	19.6
Drowning/Submersion	4	.	4	.	3	.	2	.	.	.	.	.	1	.	.	.	.	.
Fall	2,022	215.1	2,337	270.7	2,503	341.3	2,737	462.5	3,505	700.7	4,932	1,090.2	8,399	2,112.8	11,080	3,796.6	17,066	6,704.6
Fire/Flame	86	9.1	72	8.3	64	8.7	54	9.1	53	10.6	39	8.6	38	9.6	36	12.3	32	12.6
Hot Object/Scald	72	7.7	76	8.8	65	8.9	51	8.6	47	9.4	34	7.5	50	12.6	49	16.8	56	22.0
Firearm	67	7.1	45	5.2	22	3.0	15	2.5	13	2.6	9	.	7	.	.	.	6	.
Machinery	76	8.1	69	8.0	59	8.0	42	7.1	36	7.2	23	5.1	23	5.8	11	3.8	7	.
MVT Occupant	678	72.1	562	65.1	520	70.9	450	76.0	382	76.4	456	100.8	471	118.5	442	151.5	301	118.3
MVT Motorcyclist	179	19.0	137	15.9	78	10.6	49	8.3	24	4.8	18	4.0	8	.	1	.	3	.
MVT Pedal Cyclist	21	2.2	13	1.5	5	.	5	.	2	.	3	.	1	.	1	.	1	.
MVT Pedestrian	115	12.2	80	9.3	85	11.6	37	6.3	33	6.6	49	10.8	65	16.4	57	19.5	52	20.4
MVT Unspecified	57	6.1	43	5.0	44	6.0	40	6.8	31	6.2	31	6.9	40	10.1	38	13.0	27	10.6
MVT Other	10	1.1	8	.	4	.	3	.	5	.	4	.	7	.	4	.	4	.
Pedal cyclist, other	63	6.7	59	6.8	38	5.2	29	4.9	18	3.6	9	.	9	.	6	.	4	.
Pedestrian, other	6	.	6	.	7	.	5	.	7	.	7	.	7	.	14	4.8	4	.
Transport, other	130	13.8	110	12.7	72	9.8	56	9.5	36	7.2	45	9.9	55	13.8	54	18.5	60	23.6
Bites & Stings	196	20.8	156	18.1	128	17.5	115	19.4	97	19.4	94	20.8	87	21.9	87	29.8	66	25.9
Other natural/env'tl factors	76	8.1	53	6.1	62	8.5	46	7.8	54	10.8	56	12.4	83	20.9	98	33.6	101	39.7
Overexertion	173	18.4	173	20.0	142	19.4	150	25.3	175	35.0	172	38.0	185	46.5	207	70.9	233	91.5
Poisoning	1,824	194.0	1,215	140.7	696	94.9	458	77.4	327	65.4	318	70.3	342	86.0	308	105.5	272	106.9
Struck by, Against	366	38.9	274	31.7	197	26.9	138	23.3	120	24.0	142	31.4	170	42.8	155	53.1	197	77.4
Suffocation	56	6.0	55	6.4	62	8.5	74	12.5	69	13.8	98	21.7	136	34.2	165	56.5	228	89.6
Other specified & classifiable	519	55.2	408	47.3	389	53.0	288	48.7	293	58.6	334	73.8	431	108.4	426	146.0	490	192.5
Other specified, NEC	181	19.3	121	14.0	95	13.0	52	8.8	46	9.2	49	10.8	56	14.1	34	11.7	36	14.1
Unspecified	632	67.2	570	66.0	595	81.1	554	93.6	587	117.4	686	151.6	958	241.0	1,083	371.1	1,400	550.0
Total	7,862	836.2	6,846	792.9	6,053	825.5	5,532	934.7	6,023	1,204.1	7,656	1,692.3	11,683	2,938.9	14,398	4,933.5	20,696	8,130.7

Source: PHC4.

* Per 100,000 population, 2004; totals exclude missing data.

. Rate not calculated for < 10 observations.

Table 6: Cause of Hospitalization by Age Group (0-44), Number and Rate, Males, Pennsylvania, 2004

	Age Group (Years)																	
	Under 5		5-9		10-14		15-19		20-24		25-29		30-34		35-39		40-44	
	No	Rate*	No	Rate*	No	Rate*	No	Rate*	No	Rate*	No	Rate*	No	Rate*	No	Rate*	No	Rate*
Cut/Pierce	23	6.2	41	10.3	58	13.6	192	41.3	327	76.2	248	68.9	208	54.4	233	54.4	263	56.5
Drowning/Submersion	21	5.6	3	.	6	.	.	.	2	.	1	.	2	.	4	.	1	.
Fall	438	117.3	380	95.8	479	112.3	470	101.0	412	96.0	360	100.0	502	131.3	620	144.6	958	205.9
Fire/Flame	16	4.3	17	4.3	41	9.6	60	12.9	42	9.8	41	11.4	36	9.4	46	10.7	50	10.7
Hot Object/Scald	130	34.8	19	4.8	16	3.8	23	4.9	23	5.4	22	6.1	42	11.0	49	11.4	69	14.8
Firearm	2	.	4	.	22	5.2	303	65.1	352	82.0	248	68.9	153	40.0	98	22.9	97	20.8
Machinery	14	3.8	11	2.8	12	2.8	36	7.7	50	11.6	51	14.2	48	12.6	74	17.3	72	15.5
MVT Occupant	58	15.5	68	17.1	114	26.7	749	161.0	832	193.8	508	141.1	421	110.1	416	97.0	444	95.4
MVT Motorcyclist	.	.	6	.	21	4.9	117	25.2	205	47.7	163	45.3	181	47.3	172	40.1	175	37.6
MVT Pedal Cyclist	2	.	41	10.3	90	21.1	36	7.7	23	5.4	17	4.7	8	.	16	3.7	19	4.1
MVT Pedestrian	60	16.1	106	26.7	92	21.6	62	13.3	57	13.3	43	11.9	32	8.4	33	7.7	63	13.5
MVT Unspecified	.	.	.	.	2	.	28	6.0	53	12.3	19	5.3	17	4.4	30	7.0	27	5.8
MVT Other	3	.	6	.	6	.	15	3.2	10	2.3	7	.	5	.	10	2.3	10	2.1
Pedal cyclist, other	14	3.8	104	26.2	175	41.0	95	20.4	25	5.8	15	4.2	18	4.7	23	5.4	42	9.0
Pedestrian, other	6	.	7	.	6	.	4	.	7	.	1	.	4	.	1	.	6	.
Transport, other	19	5.1	53	13.4	139	32.6	191	41.1	138	32.1	102	28.3	105	27.5	103	24.0	119	25.6
Bites & Stings	67	17.9	43	10.8	40	9.4	64	13.8	57	13.3	57	15.8	80	20.9	91	21.2	108	23.2
Other natural/env'tl factors	22	5.9	7	.	18	4.2	12	2.6	14	3.3	12	3.3	18	4.7	29	6.8	40	8.6
Overexertion	4	.	6	.	23	5.4	53	11.4	37	8.6	59	16.4	78	20.4	100	23.3	110	23.6
Poisoning	191	51.2	34	8.6	67	15.7	499	107.3	731	170.2	597	165.8	687	179.6	831	193.9	888	190.8
Struck by, Against	72	19.3	94	23.7	268	62.9	502	107.9	420	97.8	288	80.0	255	66.7	296	69.1	372	79.9
Suffocation	38	10.2	4	.	8	.	12	2.6	18	4.2	22	6.1	15	3.9	22	5.1	20	4.3
Other specified & classifiable	155	41.5	64	16.1	78	18.3	148	31.8	233	54.3	194	53.9	190	49.7	259	60.4	315	67.7
Other specified, NEC	20	5.4	6	.	20	4.7	67	14.4	90	21.0	114	31.7	119	31.1	115	26.8	138	29.7
Unspecified	87	23.3	30	7.6	51	12.0	176	37.8	215	50.1	160	44.4	207	54.1	266	62.1	344	73.9
Total	1,462	391.6	1,154	290.8	1,852	434.4	3,914	841.5	4,373	1,018.5	3,349	930.2	3,431	897.1	3,937	918.4	4,750	1,020.8

Source: PHC4.

* Per 100,000 population, 2004; totals exclude missing data.

. Rate not calculated for < 10 observations.

Table 7: Cause of Hospitalization by Age Group (45-85+), Number and Rate, Males, Pennsylvania, 2004

	Age Group (Years)																	
	45-49		50-54		55-59		60-64		65-69		70-74		75-79		80-84		85+	
	No	Rate*	No	Rate*	No	Rate*	No	Rate*	No	Rate*	No	Rate*	No	Rate*	No	Rate*	No	Rate*
Cut/Pierce	195	42.1	136	32.2	87	24.6	56	20.0	47	20.6	37	18.8	33	20.6	21	19.4	26	35.5
Drowning/Submersion	2	.	3	.	2	.	1	.	.	.	.	.	.	.	.	.	.	.
Fall	1,148	247.6	1,169	276.4	1,141	322.0	1,186	422.8	1,368	600.0	1,792	911.9	2,739	1,706.6	3,171	2,925.0	3,982	5,434.3
Fire/Flame	64	13.8	48	11.3	43	12.1	33	11.8	37	16.2	20	10.2	14	8.7	14	12.9	13	17.7
Hot Object/Scald	50	10.8	46	10.9	35	9.9	25	8.9	30	13.2	20	10.2	19	11.8	16	14.8	18	24.6
Firearm	56	12.1	40	9.5	20	5.6	14	5.0	11	4.8	9	.	7	.	.	.	6	.
Machinery	71	15.3	64	15.1	51	14.4	37	13.2	35	15.4	21	10.7	23	14.3	9	.	4	.
MVT Occupant	393	84.8	317	74.9	293	82.7	220	78.4	173	75.9	208	105.8	193	120.3	174	160.5	146	199.2
MVT Motorcyclist	152	32.8	110	26.0	71	20.0	44	15.7	20	8.8	18	9.2	7	.	.	.	2	.
MVT Pedal Cyclist	16	3.5	13	3.1	4	.	5	.	2	.	1	.	1	.	1	.	1	.
MVT Pedestrian	65	14.0	51	12.1	50	14.1	21	7.5	16	7.0	20	10.2	35	21.8	22	20.3	20	27.3
MVT Unspecified	31	6.7	21	5.0	22	6.2	14	5.0	20	8.8	15	7.6	12	7.5	20	18.4	12	16.4
MVT Other	5	.	4	.	4	.	1	.	2	.	2	.	2	.	1	.	1	.
Pedal cyclist, other	51	11.0	45	10.6	29	8.2	18	6.4	16	7.0	6	.	6	.	4	.	4	.
Pedestrian, other	4	.	3	.	2	.	4	.	3	.	4	.	2	.	8	.	2	.
Transport, other	76	16.4	71	16.8	44	12.4	32	11.4	26	11.4	26	13.2	32	19.9	34	31.4	22	30.0
Bites & Stings	89	19.2	77	18.2	44	12.4	56	20.0	39	17.1	42	21.4	32	19.9	30	27.7	19	25.9
Other natural/env'tl factors	47	10.1	41	9.7	44	12.4	31	11.1	33	14.5	25	12.7	34	21.2	47	43.4	44	60.0
Overexertion	99	21.4	96	22.7	68	19.2	68	24.2	64	28.1	59	30.0	68	42.4	70	64.6	66	90.1
Poisoning	915	197.4	610	144.2	345	97.4	232	82.7	142	62.3	120	61.1	130	81.0	121	111.6	95	129.6
Struck by, Against	307	66.2	223	52.7	161	45.4	88	31.4	63	27.6	84	42.7	65	40.5	50	46.1	57	77.8
Suffocation	30	6.5	30	7.1	30	8.5	46	16.4	40	17.5	51	26.0	71	44.2	81	74.7	96	131.0
Other specified & classifiable	347	74.8	261	61.7	250	70.6	179	63.8	167	73.2	179	91.1	204	127.1	192	177.1	161	219.7
Other specified, NEC	149	32.1	93	22.0	66	18.6	34	12.1	24	10.5	36	18.3	28	17.4	26	24.0	12	16.4
Unspecified	397	85.6	340	80.4	312	88.1	273	97.3	274	120.2	296	150.6	366	228.0	354	326.5	423	577.3
Total	4,759	1,026.5	3,912	924.8	3,218	908.2	2,718	969.0	2,652	1,163.1	3,091	1,572.9	4,123	2,568.9	4,466	4,119.5	5,232	7,140.2

Source: PHC4.

* Per 100,000 population, 2004; totals exclude missing data.

. Rate not calculated for < 10 observations.

Table 8: Cause of Hospitalization by Age Group (0-44), Number and Rate, Females, Pennsylvania, 2004

	Age Group (Years)																	
	Under 5		5-9		10-14		15-19		20-24		25-29		30-34		35-39		40-44	
	No	Rate*	No	Rate*	No	Rate*	No	Rate*	No	Rate*	No	Rate*	No	Rate*	No	Rate*	No	Rate*
Cut/Pierce	16	4.5	17	4.5	31	7.6	156	34.4	141	34.2	99	28.3	87	22.7	107	24.5	138	29.0
Drowning/Submersion	7	.	4	.	3	.	.	.	1	.	1	.	1	.	2	.	.	.
Fall	340	95.2	253	66.7	202	49.7	190	41.9	233	56.6	263	75.2	358	93.2	496	113.8	638	134.0
Fire/Flame	20	5.6	12	3.2	9	.	9	.	17	4.1	16	4.6	15	3.9	14	3.2	23	4.8
Hot Object/Scald	92	25.8	25	6.6	15	3.7	7	.	10	2.4	14	4.0	19	4.9	25	5.7	36	7.6
Firearm	2	.	1	.	10	2.5	19	4.2	28	6.8	15	4.3	14	3.6	6	.	14	2.9
Machinery	2	.	3	.	3	.	2	.	.	.	3	.	3	.	6	.	6	.
MVT Occupant	47	13.2	47	12.4	87	21.4	580	127.9	505	122.7	331	94.6	287	74.7	268	61.5	352	73.9
MVT Motorcyclist	1	.	.	.	2	.	5	.	13	3.2	15	4.3	8	.	27	6.2	37	7.8
MVT Pedal Cyclist	1	.	11	2.9	16	3.9	10	2.2	1	.	2	.	1	.	.	.	2	.
MVT Pedestrian	26	7.3	50	13.2	53	13.1	51	11.2	34	8.3	20	5.7	24	6.2	24	5.5	31	6.5
MVT Unspecified	.	.	.	.	.	.	22	4.9	20	4.9	13	3.7	18	4.7	21	4.8	18	3.8
MVT Other	.	.	4	.	1	.	4	.	8	.	2	.	2	.	4	.	2	.
Pedal cyclist, other	5	.	33	8.7	40	9.9	7	.	5	.	2	.	10	2.6	2	.	17	3.6
Pedestrian, other	3	.	3	.	1	.	1	.	1	.	2	.	1	.	.	.	.	.
Transport, other	5	.	23	6.1	43	10.6	59	13.0	24	5.8	28	8.0	30	7.8	51	11.7	38	8.0
Bites & Stings	76	21.3	31	8.2	32	7.9	45	9.9	51	12.4	43	12.3	64	16.7	82	18.8	98	20.6
Other natural/env'tl factors	10	2.8	9	.	5	.	8	.	8	.	7	.	12	3.1	19	4.4	20	4.2
Overexertion	4	.	4	.	22	5.4	25	5.5	26	6.3	48	13.7	43	11.2	40	9.2	59	12.4
Poisoning	144	40.3	29	7.6	164	40.4	813	179.3	763	185.3	591	169.0	695	181.0	866	198.7	1,024	215.1
Struck by, Against	49	13.7	42	11.1	77	19.0	98	21.6	75	18.2	64	18.3	74	19.3	80	18.4	75	15.8
Suffocation	34	9.5	8	.	4	.	11	2.4	8	.	7	.	7	.	10	2.3	6	.
Other specified & classifiable	132	37.0	22	5.8	42	10.3	63	13.9	100	24.3	93	26.6	146	38.0	152	34.9	178	37.4
Other specified, NEC	11	3.1	8	.	10	2.5	25	5.5	26	6.3	27	7.7	29	7.6	40	9.2	47	9.9
Unspecified	55	15.4	13	3.4	30	7.4	87	19.2	85	20.6	92	26.3	104	27.1	154	35.3	194	40.8
Total	1,082	303.0	652	171.9	902	222.1	2,297	506.6	2,183	530.2	1,798	514.0	2,052	534.3	2,496	572.6	3,053	641.3

Source: PHC4.

* Per 100,000 population, 2004; totals exclude missing data.

. Rate not calculated for < 10 observations.

Table 9: Cause of Hospitalization by Age Group (45-85+), Number and Rate, Females, Pennsylvania, 2004

	Age Group (Years)																	
	45-49		50-54		55-59		60-64		65-69		70-74		75-79		80-84		85+	
	No	Rate*	No	Rate*	No	Rate*	No	Rate*	No	Rate*	No	Rate*	No	Rate*	No	Rate*	No	Rate*
Cut/Pierce	58	12.2	64	14.5	31	8.2	26	8.4	16	5.9	11	4.3	21	8.9	21	11.4	24	13.2
Drowning/Submersion	2	.	1	.	1	.	1	.	.	.	.	.	1	.	.	.	.	.
Fall	874	183.4	1,168	265.2	1,361	359.1	1,551	498.2	2,137	785.1	3,140	1,227.1	5,660	2,387.9	7,908	4,311.2	13,084	7,218.2
Fire/Flame	22	4.6	24	5.4	21	5.5	21	6.7	16	5.9	19	7.4	24	10.1	22	12.0	19	10.5
Hot Object/Scald	22	4.6	30	6.8	30	7.9	26	8.4	17	6.2	14	5.5	31	13.1	33	18.0	38	21.0
Firearm	11	2.3	5	.	2	.	1	.	2	.	.	.	.	.	.	.	.	.
Machinery	5	.	5	.	8	.	5	.	1	.	2	.	.	.	2	.	3	.
MVT Occupant	285	59.8	245	55.6	227	59.9	230	73.9	209	76.8	248	96.9	278	117.3	268	146.1	155	85.5
MVT Motorcyclist	27	5.7	27	6.1	7	.	5	.	4	.	.	.	1	.	1	.	1	.
MVT Pedal Cyclist	5	.	.	.	1	.	.	.	.	.	2	.	.	.	.	.	.	.
MVT Pedestrian	50	10.5	29	6.6	35	9.2	16	5.1	17	6.2	29	11.3	30	12.7	35	19.1	32	17.7
MVT Unspecified	26	5.5	22	5.0	22	5.8	26	8.4	11	4.0	16	6.3	28	11.8	18	9.8	15	8.3
MVT Other	5	.	4	.	.	.	2	.	3	.	2	.	5	.	3	.	3	.
Pedal cyclist, other	12	2.5	14	3.2	9	.	11	3.5	2	.	3	.	3	.	2	.	.	.
Pedestrian, other	2	.	3	.	5	.	1	.	4	.	3	.	5	.	6	.	2	.
Transport, other	54	11.3	39	8.9	28	7.4	24	7.7	10	3.7	19	7.4	23	9.7	20	10.9	38	21.0
Bites & Stings	107	22.4	79	17.9	84	22.2	59	19.0	58	21.3	52	20.3	55	23.2	57	31.1	47	25.9
Other natural/env'tl factors	29	6.1	12	2.7	18	4.7	15	4.8	21	7.7	31	12.1	49	20.7	51	27.8	57	31.4
Overexertion	74	15.5	77	17.5	74	19.5	82	26.3	111	40.8	113	44.2	117	49.4	137	74.7	167	92.1
Poisoning	909	190.7	605	137.4	351	92.6	226	72.6	185	68.0	198	77.4	212	89.4	187	101.9	177	97.6
Struck by, Against	59	12.4	51	11.6	36	9.5	50	16.1	57	20.9	58	22.7	105	44.3	105	57.2	140	77.2
Suffocation	26	5.5	25	5.7	32	8.4	28	9.0	29	10.7	47	18.4	65	27.4	84	45.8	132	72.8
Other specified & classifiable	172	36.1	147	33.4	139	36.7	109	35.0	126	46.3	155	60.6	227	95.8	234	127.6	329	181.5
Other specified, NEC	32	6.7	28	6.4	29	7.7	18	5.8	22	8.1	13	5.1	28	11.8	8	.	24	13.2
Unspecified	235	49.3	230	52.2	283	74.7	281	90.3	313	115.0	390	152.4	592	249.8	729	397.4	977	539.0
Total	3,103	651.0	2,934	666.1	2,834	747.9	2,814	903.9	3,371	1,238.5	4,565	1,784.0	7,560	3,189.5	9,931	5,414.1	15,464	8,531.2

Source: PHC4.

* Per 100,000 population, 2004; totals exclude missing data.

. Rate not calculated for < 10 observations.

Table 10: Cause of Hospitalization by Age Group (0-44), Number and Rate, White Race, Pennsylvania, 2004

	Age Group (Years)																	
	Under 5		5-9		10-14		15-19		20-24		25-29		30-34		35-39		40-44	
	No	Rate*	No	Rate*	No	Rate*	No	Rate*	No	Rate*	No	Rate*	No	Rate*	No	Rate*	No	Rate*
Cut/Pierce	30	5.0	38	6.0	61	8.9	252	32.9	325	46.4	220	37.2	198	30.5	246	33.1	280	34.1
Drowning/Submersion	20	3.3	6	.	7	.	.	.	3	.	1	.	3	.	4	.	.	.
Fall	464	77.1	464	72.8	526	76.7	514	67.2	485	69.2	448	75.7	660	101.7	849	114.2	1,271	154.9
Fire/Flame	20	3.3	17	2.7	43	6.3	51	6.7	45	6.4	34	5.7	34	5.2	46	6.2	53	6.5
Hot Object/Scald	115	19.1	15	2.4	12	1.7	20	2.6	20	2.9	23	3.9	46	7.1	47	6.3	81	9.9
Firearm	.	.	3	.	8	.	41	5.4	68	9.7	42	7.1	25	3.9	31	4.2	38	4.6
Machinery	16	2.7	12	1.9	12	1.7	30	3.9	35	5.0	41	6.9	41	6.3	64	8.6	65	7.9
MVT Occupant	66	11.0	83	13.0	149	21.7	1,066	139.3	1,036	147.8	607	102.6	530	81.7	532	71.6	619	75.4
MVT Motorcyclist	.	.	4	.	15	2.2	92	12.0	175	25.0	133	22.5	142	21.9	164	22.1	185	22.5
MVT Pedal Cyclist	2	.	28	4.4	62	9.0	32	4.2	14	2.0	14	2.4	6	.	11	1.5	16	1.9
MVT Pedestrian	31	5.2	50	7.8	71	10.3	61	8.0	56	8.0	34	5.7	37	5.7	28	3.8	56	6.8
MVT Unspecified	.	.	.	.	.	.	43	5.6	60	8.6	27	4.6	28	4.3	42	5.7	37	4.5
MVT Other	3	.	6	.	7	.	13	1.7	14	2.0	4	.	4	.	9	.	9	.
Pedal cyclist, other	13	2.2	99	15.5	167	24.3	83	10.8	22	3.1	12	2.0	19	2.9	19	2.6	42	5.1
Pedestrian, other	6	.	8	.	3	.	5	.	6	.	2	.	3	.	1	.	4	.
Transport, other	21	3.5	63	9.9	168	24.5	227	29.7	143	20.4	113	19.1	121	18.6	145	19.5	141	17.2
Bites & Stings	92	15.3	53	8.3	47	6.9	68	8.9	77	11.0	81	13.7	99	15.3	136	18.3	178	21.7
Other natural/env'tl factors	15	2.5	11	1.7	17	2.5	18	2.4	18	2.6	8	.	21	3.2	29	3.9	48	5.8
Overexertion	6	.	7	.	31	4.5	57	7.4	48	6.8	85	14.4	92	14.2	116	15.6	139	16.9
Poisoning	177	29.4	26	4.1	154	22.4	1,070	139.8	1,224	174.7	914	154.4	1,044	160.9	1,201	161.6	1,338	163.1
Struck by, Against	81	13.5	99	15.5	235	34.3	402	52.5	318	45.4	223	37.7	222	34.2	217	29.2	282	34.4
Suffocation	57	9.5	8	.	6	.	15	2.0	19	2.7	21	3.5	15	2.3	25	3.4	18	2.2
Other specified & classifiable	162	26.9	47	7.4	84	12.2	153	20.0	253	36.1	204	34.5	264	40.7	315	42.4	414	50.5
Other specified, NEC	19	3.2	11	1.7	23	3.4	56	7.3	77	11.0	64	10.8	76	11.7	95	12.8	106	12.9
Unspecified	84	14.0	36	5.7	65	9.5	194	25.4	204	29.1	174	29.4	214	33.0	273	36.7	395	48.1
Total	1,500	249.3	1,194	187.4	1,973	287.6	4,563	596.4	4,745	677.1	3,529	596.3	3,944	607.7	4,645	624.9	5,815	708.7

Source: PHC4.

* Per 100,000 population, 2004; totals exclude missing data.

. Rate not calculated for < 10 observations.

Table 11: Cause of Hospitalization by Age Group (45-85+), Number and Rate, White Race, Pennsylvania, 2004

	Age Group (Years)																	
	45-49		50-54		55-59		60-64		65-69		70-74		75-79		80-84		85+	
	No	Rate*	No	Rate*	No	Rate*	No	Rate*	No	Rate*	No	Rate*	No	Rate*	No	Rate*	No	Rate*
Cut/Pierce	174	21.0	145	18.9	89	13.5	66	12.4	47	10.3	41	9.9	52	14.1	40	14.7	47	19.8
Drowning/Submersion	4	.	3	.	3	.	2	.	.	.	.	.	1	.	.	.	.	.
Fall	1,632	196.8	1,899	247.1	2,089	317.7	2,405	450.6	3,113	685.0	4,515	1,087.9	7,813	2,119.8	10,452	3,843.7	16,142	6,793.4
Fire/Flame	58	7.0	53	6.9	45	6.8	45	8.4	43	9.5	30	7.2	31	8.4	25	9.2	26	10.9
Hot Object/Scald	56	6.8	52	6.8	49	7.5	35	6.6	33	7.3	25	6.0	42	11.4	44	16.2	51	21.5
Firearm	27	3.3	21	2.7	14	2.1	11	2.1	9	.	7	.	7	.	.	.	2	.
Machinery	62	7.5	58	7.5	48	7.3	35	6.6	30	6.6	20	4.8	23	6.2	11	4.0	6	.
MVT Occupant	549	66.2	440	57.2	421	64.0	365	68.4	342	75.3	390	94.0	432	117.2	400	147.1	272	114.5
MVT Motorcyclist	164	19.8	128	16.7	75	11.4	45	8.4	20	4.4	16	3.9	7	.	1	.	3	.
MVT Pedal Cyclist	12	1.4	10	1.3	2	.	4	.	2	.	3	.	1	.	1	.	.	.
MVT Pedestrian	64	7.7	51	6.6	51	7.8	28	5.2	28	6.2	37	8.9	53	14.4	48	17.7	41	17.3
MVT Unspecified	48	5.8	32	4.2	38	5.8	31	5.8	28	6.2	25	6.0	38	10.3	36	13.2	24	10.1
MVT Other	9	.	5	.	4	.	2	.	3	.	4	.	7	.	3	.	3	.
Pedal cyclist, other	48	5.8	49	6.4	36	5.5	24	4.5	17	3.7	8	.	9	.	6	.	4	.
Pedestrian, other	5	.	4	.	6	.	5	.	6	.	7	.	6	.	12	4.4	4	.
Transport, other	121	14.6	102	13.3	63	9.6	50	9.4	34	7.5	41	9.9	49	13.3	50	18.4	58	24.4
Bites & Stings	166	20.0	134	17.4	114	17.3	104	19.5	88	19.4	84	20.2	86	23.3	83	30.5	63	26.5
Other natural/env'tl factors	52	6.3	38	4.9	42	6.4	36	6.7	37	8.1	48	11.6	67	18.2	80	29.4	80	33.7
Overexertion	148	17.8	155	20.2	124	18.9	131	24.5	163	35.9	165	39.8	178	48.3	197	72.4	229	96.4
Poisoning	1,306	157.5	868	112.9	510	77.6	333	62.4	269	59.2	268	64.6	301	81.7	274	100.8	238	100.2
Struck by, Against	247	29.8	191	24.8	150	22.8	115	21.5	107	23.5	124	29.9	156	42.3	144	53.0	189	79.5
Suffocation	48	5.8	43	5.6	53	8.1	60	11.2	59	13.0	75	18.1	126	34.2	151	55.5	205	86.3
Other specified & classifiable	422	50.9	335	43.6	338	51.4	251	47.0	239	52.6	293	70.6	386	104.7	388	142.7	455	191.5
Other specified, NEC	95	11.5	69	9.0	72	11.0	38	7.1	37	8.1	43	10.4	44	11.9	32	11.8	32	13.5
Unspecified	478	57.6	442	57.5	481	73.2	457	85.6	500	110.0	605	145.8	867	235.2	984	361.9	1,307	550.1
Total	5,995	723.0	5,327	693.0	4,917	747.8	4,678	876.6	5,254	1,156.2	6,874	1,656.4	10,782	2,925.3	13,462	4,950.6	19,481	8,198.7

Source: PHC4.

* Per 100,000 population, 2004; totals exclude missing data.

. Rate not calculated for < 10 observations.

Table 12: Cause of Hospitalization by Age Group (0-44), Number and Rate, Black Race, Pennsylvania, 2004

	Age Group (Years)																	
	Under 5		5-9		10-14		15-19		20-24		25-29		30-34		35-39		40-44	
	No	Rate*	No	Rate*	No	Rate*	No	Rate*	No	Rate*	No	Rate*	No	Rate*	No	Rate*	No	Rate*
Cut/Pierce	5	.	13	12.2	18	15.8	68	58.1	90	85.0	78	86.9	59	67.1	64	68.9	90	95.2
Drowning/Submersion	5	.	1	.	1	.	.	.	.	.	1	.	.	.	1	.	1	.
Fall	183	186.0	104	97.4	79	69.2	82	70.1	90	85.0	99	110.3	130	147.9	168	181.0	225	238.1
Fire/Flame	10	10.2	9	.	6	.	5	.	10	9.4	9	.	6	.	6	.	5	.
Hot Object/Scald	56	56.9	18	16.8	15	13.1	4	.	7	.	3	.	10	11.4	16	17.2	14	14.8
Firearm	4	.	1	.	21	18.4	233	199.1	267	252.2	180	200.6	120	136.5	61	65.7	65	68.8
Machinery	.	.	.	.	2	.	3	.	6	.	4	.	1	.	7	.	10	10.6
MVT Occupant	19	19.3	12	11.2	20	17.5	104	88.9	117	110.5	113	126.0	80	91.0	77	82.9	82	86.8
MVT Motorcyclist	.	.	.	.	6	.	19	16.2	23	21.7	32	35.7	30	34.1	23	24.8	14	14.8
MVT Pedal Cyclist	1	.	11	10.3	25	21.9	7	.	6	.	1	.	2	.	4	.	3	.
MVT Pedestrian	38	38.6	54	50.5	48	42.1	40	34.2	21	19.8	14	15.6	13	14.8	19	20.5	24	25.4
MVT Unspecified	.	.	.	.	1	.	4	.	6	.	4	.	5	.	8	.	6	.
MVT Other	.	.	3	.	.	.	4	.	2	.	2	.	3	.	4	.	1	.
Pedal cyclist, other	4	.	18	16.8	31	27.2	11	9.4	3	.	3	.	5	.	5	.	11	11.6
Pedestrian, other	3	.	1	.	1	.	.	.	1	.	1	.	.	.	.	.	1	.
Transport, other	1	.	5	.	6	.	8	.	4	.	8	.	7	.	2	.	5	.
Bites & Stings	30	30.5	13	12.2	20	17.5	33	28.2	24	22.7	14	15.6	35	39.8	31	33.4	21	22.2
Other natural/env'tl factors	16	16.3	4	.	2	.	1	.	3	.	9	.	5	.	16	17.2	10	10.6
Overexertion	1	.	2	.	7	.	9	.	9	.	13	14.5	15	17.1	16	17.2	25	26.5
Poisoning	102	103.7	26	24.3	48	42.1	123	105.1	159	150.2	178	198.4	232	263.9	380	409.3	475	502.7
Struck by, Against	27	27.4	24	22.5	78	68.3	134	114.5	127	119.9	95	105.9	76	86.4	124	133.6	125	132.3
Suffocation	12	12.2	2	.	2	.	3	.	3	.	4	.	6	.	5	.	6	.
Other specified & classifiable	72	73.2	23	21.5	21	18.4	30	25.6	47	44.4	57	63.5	49	55.7	66	71.1	52	55.0
Other specified, NEC	8	.	1	.	4	.	24	20.5	31	29.3	63	70.2	56	63.7	55	59.2	64	67.7
Unspecified	33	33.5	4	.	12	10.5	43	36.7	64	60.4	60	66.9	74	84.2	112	120.6	108	114.3
Total	630	640.2	349	326.7	474	415.3	992	847.5	1,120	1,057.8	1,045	1,164.8	1,019	1,159.0	1,270	1,367.9	1,443	1,527.0

Source: PHC4.

* Per 100,000 population, 2004; totals exclude missing data.

. Rate not calculated for < 10 observations.

Table 13: Cause of Hospitalization by Age Group (45-85+), Number and Rate, Black Race, Pennsylvania, 2004

	Age Group (Years)																	
	45-49		50-54		55-59		60-64		65-69		70-74		75-79		80-84		85+	
	No	Rate*	No	Rate*	No	Rate*	No	Rate*	No	Rate*	No	Rate*	No	Rate*	No	Rate*	No	Rate*
Cut/Pierce	62	70.4	42	55.9	25	41.8	15	32.5	12	32.2	5	.	2	.	1	.	1	.
Drowning/Submersion	.	.	1	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
Fall	285	323.5	307	408.8	277	463.7	225	488.0	269	721.6	279	886.9	377	1,514.8	390	2,277.1	556	3,848.5
Fire/Flame	15	17.0	14	18.6	15	25.1	6	.	9	.	4	.	4	.	7	.	3	.
Hot Object/Scald	10	11.4	17	22.6	9	.	13	28.2	12	32.2	8	.	6	.	5	.	5	.
Firearm	32	36.3	18	24.0	7	.	1	.	1	.	1	.	.	.	.	.	3	.
Machinery	3	.	4	.	4	.	4	.	1	.	.	.	.	.	.	.	.	.
MVT Occupant	62	70.4	55	73.2	46	77.0	39	84.6	21	56.3	22	69.9	18	72.3	15	87.6	15	103.8
MVT Motorcyclist	4	.	5	.	1	.	1	.	3	.	1	.	.	.	.	.	.	.
MVT Pedal Cyclist	5	.	3	.	2	.	.	.	.	.	.	.	.	.	.	.	.	.
MVT Pedestrian	39	44.3	18	24.0	22	36.8	6	.	1	.	6	.	6	.	6	.	6	.
MVT Unspecified	6	.	7	.	3	.	5	.	1	.	4	.	2	.	.	.	1	.
MVT Other	.	.	1	.	.	.	1	.	1	.	.	.	.	.	1	.	.	.
Pedal cyclist, other	9	.	4	.	1	.	2	.	1	.	1	.	.	.	.	.	.	.
Pedestrian, other	.	.	2	.	.	.	.	.	1	.	.	.	1	.	1	.	.	.
Transport, other	4	.	3	.	2	.	3	.	.	.	2	.	1	.	.	.	1	.
Bites & Stings	22	25.0	17	22.6	8	.	7	.	6	.	5	.	1	.	3	.	2	.
Other natural/env'tl factors	23	26.1	14	18.6	18	30.1	8	.	15	40.2	8	.	14	56.3	13	75.9	18	124.6
Overexertion	21	23.8	13	17.3	14	23.4	15	32.5	6	.	6	.	6	.	9	.	4	.
Poisoning	431	489.3	293	390.2	156	261.1	99	214.7	51	136.8	43	136.7	31	124.6	28	163.5	26	180.0
Struck by, Against	94	106.7	60	79.9	39	65.3	18	39.0	8	.	12	38.1	9	.	9	.	5	.
Suffocation	6	.	10	13.3	3	.	12	26.0	7	.	17	54.0	7	.	11	64.2	17	117.7
Other specified & classifiable	64	72.6	57	75.9	30	50.2	21	45.5	47	126.1	27	85.8	33	132.6	23	134.3	27	186.9
Other specified, NEC	68	77.2	44	58.6	20	33.5	9	.	8	.	5	.	7	.	2	.	1	.
Unspecified	124	140.8	106	141.2	88	147.3	72	156.2	62	166.3	63	200.3	74	297.3	70	408.7	73	505.3
Total	1,389	1,576.7	1,115	1,484.9	790	1,322.4	582	1,262.3	543	1,456.7	519	1,649.9	599	2,406.8	594	3,468.2	764	5,288.3

Source: PHC4.

* Per 100,000 population, 2004; totals exclude missing data.

. Rate not calculated for < 10 observations.

Table 14: Cause of Hospitalization by Intent, Number and Rate of Hospital Discharges, Pennsylvania, 2004

	Intent											
	Unintentional		Self-Inflicted		Assault		Undetermined		Other		Total	
	Number	Rate*	Number	Rate*	Number	Rate*	Number	Rate*	Number	Rate*	Number	Rate*
Cut/Pierce	1,580	12.7	1,076	8.7	617	5.0	24	.2	1	.	3,298	26.6
Drowning/Submersion	69	.6	3	.	.	.	1	.	.	.	73	.6
Fall	62,056	500.2	63	.5	13	.1	44	.4	.	.	62,176	501.2
Fire/Flame	890	7.2	44	.4	7	.	17	.1	.	.	958	7.7
Hot Object/Scald	1,118	9.0	4	.	11	.1	3	.	.	.	1,136	9.2
Firearm	291	2.3	104	.8	1,044	8.4	111	.9	22	.2	1,572	12.7
Machinery	742	6.0	.	.	.	.	.	.	.	.	742	6.0
MVT Occupant	10,377	83.6	.	.	.	.	.	.	.	.	10,377	83.6
MVT Motorcyclist	1,645	13.3	.	.	.	.	.	.	.	.	1,645	13.3
MVT Pedal Cyclist	348	2.8	.	.	.	.	.	.	.	.	348	2.8
MVT Pedestrian	1,434	11.6	.	.	.	.	.	.	.	.	1,434	11.6
MVT Unspecified	641	5.2	.	.	.	.	.	.	.	.	641	5.2
MVT Other	108	.9	25	.2	13	.1	2	.	.	.	148	1.2
Pedal cyclist, other	867	7.0	.	.	.	.	.	.	.	.	867	7.0
Pedestrian, other	117	.9	.	.	.	.	.	.	.	.	117	.9
Transport, other	1,888	15.2	.	.	.	.	.	.	.	.	1,888	15.2
Bites & Stings	2,047	16.5	.	.	109	.9	.	.	.	.	2,156	17.4
Other natural/env'tl factors	885	7.1	2	.	.	.	13	.1	.	.	900	7.3
Overexertion	2,351	19.0	.	.	.	.	.	.	.	.	2,351	19.0
Poisoning	5,793	46.7	7,495	60.4	4	.	2,082	16.8	.	.	15,374	123.9
Struck by, Against	3,071	24.8	.	.	1,851	14.9	.	.	40	.3	4,962	40.0
Suffocation	1,081	8.7	101	.8	10	.1	5	.	.	.	1,197	9.6
Other specified & classifiable	5,795	46.7	41	.3	293	2.4	1	.	12	.1	6,142	49.5
Other specified, NEC	619	5.0	179	1.4	483	3.9	285	2.3	16	.1	1,582	12.8
Unspecified	8,711	70.2	52	.4	591	4.8	53	.4	10	.1	9,417	75.9
Total	114,524	923.1	9,189	74.1	5,046	40.7	2,641	21.3	101	.8	131,501	1,060.0

Source: PHC4.

* Per 100,000 population, 2004; totals exclude missing data.

. Rate not calculated for < 10 observations.

Table 15: Hospital Discharges for Spinal Cord Injuries by Age Group and Gender, Number and Rate, Pennsylvania, 2004

Age Group (Years)	Gender					
	Male		Female		Total	
	Number	Rate**	Number	Rate**	Number	Rate**
Under 5	1	.	0	.	1	.
5-9	1	.	0	.	1	.
10-14	13	3.0	5	.	18	2.2
15-19	45	9.7	10	2.2	55	6.0
20-24	27	6.3	7	.	34	4.0
25-29	21	5.8	3	.	24	3.4
30-34	19	5.0	9	.	28	3.7
35-39	35	8.2	4	.	39	4.5
40-44	21	4.5	3	.	24	2.5
45-49	37	8.0	10	2.1	47	5.0
50-54	31	7.3	8	.	39	4.5
55-59	36	10.2	9	.	45	6.1
60-64	18	6.4	4	.	22	3.7
65-69	19	8.3	7	.	26	5.2
70-74	15	7.6	19	7.4	34	7.5
75-79	21	13.1	26	11.0	47	11.8
80-84	30	27.7	23	12.5	53	18.2
85+	23	31.4	28	15.4	51	20.0
All Ages	413	6.9	175	2.7	588	4.7

Source: PHC4.

** Per 100,000 population, 2004.

. Rate not calculated for <10 observations.

Table 16: Hospital Discharges for Head Injuries by Age Group and Gender, Number and Rate, Pennsylvania, 2004

Age Group (Years)	Gender					
	Male		Female		Total	
	Number	Rate**	Number	Rate**	Number	Rate**
Under 5	366	98.0	263	73.6	629	86.1
5-9	293	73.8	136	35.9	429	55.3
10-14	457	107.2	187	46.0	644	77.4
15-19	1,043	224.2	467	103.0	1,510	164.4
20-24	1,041	242.4	341	82.8	1,382	164.3
25-29	618	171.6	234	66.9	852	120.0
30-34	563	147.2	230	59.9	793	103.5
35-39	604	140.9	255	58.5	859	99.4
40-44	720	154.7	297	62.4	1,017	108.0
45-49	724	156.2	282	59.2	1,006	107.0
50-54	571	135.0	264	59.9	835	96.7
55-59	471	132.9	238	62.8	709	96.7
60-64	381	135.8	232	74.5	613	103.6
65-69	364	159.6	311	114.3	675	134.9
70-74	400	203.5	353	138.0	753	166.4
75-79	552	343.9	588	248.1	1,140	286.8
80-84	555	511.9	819	446.5	1,374	470.8
85+	612	835.2	1,176	648.8	1,788	702.4
All Ages	10,335	171.8	6,673	104.4	17,008	137.1

Source: PHC4.

** Per 100,000 population, 2004.

Table 17: Hospital Discharges for Hip Fractures by Age Group and Gender, Number and Rate, Pennsylvania, 2004

Age Group (Years)	Gender					
	Male		Female		Total	
	Number	Rate**	Number	Rate**	Number	Rate**
Under 5	9	.	9	.	18	2.5
5-9	12	3.0	5	.	17	2.2
10-14	38	8.9	12	3.0	50	6.0
15-19	20	4.3	7	.	27	2.9
20-24	35	8.2	4	.	39	4.6
25-29	21	5.8	15	4.3	36	5.1
30-34	35	9.2	13	3.4	48	6.3
35-39	29	6.8	15	3.4	44	5.1
40-44	46	9.9	31	6.5	77	8.2
45-49	80	17.3	70	14.7	150	16.0
50-54	95	22.5	109	24.7	204	23.6
55-59	112	31.6	180	47.5	292	39.8
60-64	170	60.6	248	79.7	418	70.6
65-69	230	100.9	393	144.4	623	124.5
70-74	344	175.1	812	317.3	1,156	255.5
75-79	682	424.9	1,643	693.2	2,325	584.9
80-84	902	832.0	2,603	1,419.1	3,505	1,201.0
85+	1,239	1,690.9	4,770	2,631.5	6,009	2,360.7
All Ages	4,099	68.1	10,939	171.2	15,038	121.2

Source: PHC4.

** Per 100,000 population, 2004.

. Rate not calculated for <10 observations.

Table 18: Hospital Discharges for Falls by Age Group and Gender, Number and Rate, Pennsylvania, 2004

Age Group (Years)	Gender					
	Male		Female		Total	
	Number	Rate**	Number	Rate**	Number	Rate**
Under 5	403	107.9	310	86.8	713	97.6
5-9	341	85.9	221	58.3	562	72.4
10-14	334	78.3	137	33.7	471	56.6
15-19	341	73.3	138	30.4	479	52.1
20-24	336	78.3	174	42.3	510	60.6
25-29	295	81.9	178	50.9	473	66.6
30-34	414	108.3	252	65.6	666	86.9
35-39	495	115.5	352	80.7	847	98.0
40-44	770	165.5	440	92.4	1,210	128.5
45-49	921	198.7	580	121.7	1,501	159.6
50-54	899	212.5	791	179.6	1,690	195.7
55-59	861	243.0	870	229.6	1,731	236.1
60-64	876	312.3	1,008	323.8	1,884	318.3
65-69	1,015	445.2	1,452	533.5	2,467	493.2
70-74	1,307	665.1	2,145	838.3	3,452	763.0
75-79	1,992	1,241.2	3,912	1,650.4	5,904	1,485.2
80-84	2,317	2,137.2	5,516	3,007.1	7,833	2,684.0
85+	2,922	3,987.7	9,368	5,168.1	12,290	4,828.3
All Ages	16,839	279.9	27,844	435.7	44,683	360.2

Source: PHC4.

** Per 100,000 population, 2004.

Table 19: Hospital Discharges for Bicycle Injuries by Age Group and Gender, Number and Rate, Pennsylvania, 2004

Age Group (Years)	Gender					
	Male		Female		Total	
	Number	Rate**	Number	Rate**	Number	Rate**
Under 5	16	4.3	6	.	22	3.0
5-9	145	36.5	44	11.6	189	24.4
10-14	265	62.2	56	13.8	321	38.6
15-19	131	28.2	17	3.7	148	16.1
20-24	48	11.2	6	.	54	6.4
25-29	32	8.9	4	.	36	5.1
30-34	26	6.8	11	2.9	37	4.8
35-39	39	9.1	2	.	41	4.7
40-44	61	13.1	19	4.0	80	8.5
45-49	67	14.5	17	3.6	84	8.9
50-54	58	13.7	14	3.2	72	8.3
55-59	33	9.3	10	2.6	43	5.9
60-64	23	8.2	11	3.5	34	5.7
65-69	18	7.9	2	.	20	4.0
70-74	7	.	5	.	12	2.7
75-79	7	.	3	.	10	2.5
80-84	5	.	2	.	7	.
85+	5	.	0	.	5	.
All Ages	986	16.4	229	3.6	1,215	9.8

Source: PHC4.

** Per 100,000 population, 2004.

. Rate not calculated for <10 observations.

Table 20: Hospital Discharges for Poisonings by Age Group and Gender, Number and Rate, Pennsylvania, 2004

Age Group (Years)	Gender					
	Male		Female		Total	
	Number	Rate**	Number	Rate**	Number	Rate**
Under 5	191	51.2	144	40.3	335	45.9
5-9	34	8.6	29	7.6	63	8.1
10-14	67	15.7	164	40.4	231	27.7
15-19	499	107.3	813	179.3	1,312	142.8
20-24	731	170.2	763	185.3	1,494	177.6
25-29	597	165.8	591	169.0	1,188	167.4
30-34	687	179.6	695	181.0	1,382	180.3
35-39	831	193.9	866	198.7	1,697	196.3
40-44	888	190.8	1,024	215.1	1,912	203.1
45-49	915	197.4	909	190.7	1,824	194.0
50-54	610	144.2	605	137.4	1,215	140.7
55-59	345	97.4	351	92.6	696	94.9
60-64	232	82.7	226	72.6	458	77.4
65-69	142	62.3	185	68.0	327	65.4
70-74	120	61.1	198	77.4	318	70.3
75-79	130	81.0	212	89.4	342	86.0
80-84	121	111.6	187	101.9	308	105.5
85+	95	129.6	177	97.6	272	106.9
All Ages	7,235	120.3	8,139	127.4	15,374	123.9

Source: PHC4.

** Per 100,000 population, 2004.

Table 21: Hospital Discharges for Fire & Burn Injuries by Age Group and Gender, Number and Rate, Pennsylvania, 2004

Age Group (Years)	Gender					
	Male		Female		Total	
	Number	Rate**	Number	Rate**	Number	Rate**
Under 5	146	39.1	112	31.4	258	35.3
5-9	36	9.1	37	9.8	73	9.4
10-14	57	13.4	24	5.9	81	9.7
15-19	83	17.8	16	3.5	99	10.8
20-24	63	14.7	27	6.6	90	10.7
25-29	63	17.5	30	8.6	93	13.1
30-34	78	20.4	33	8.6	111	14.5
35-39	93	21.7	39	8.9	132	15.3
40-44	119	25.6	59	12.4	178	18.9
45-49	113	24.4	44	9.2	157	16.7
50-54	93	22.0	54	12.3	147	17.0
55-59	77	21.7	50	13.2	127	17.3
60-64	57	20.3	47	15.1	104	17.6
65-69	67	29.4	33	12.1	100	20.0
70-74	40	20.4	33	12.9	73	16.1
75-79	33	20.6	55	23.2	88	22.1
80-84	30	27.7	55	30.0	85	29.1
85+	31	42.3	57	31.4	88	34.6
All Ages	1,279	21.3	805	12.6	2,084	16.8

Source: PHC4.

** Per 100,000 population, 2004.

Table 22: Hospital Discharges for Firearm Injuries by Age Group and Gender, Number and Rate, Pennsylvania, 2004

Age Group (Years)	Gender					
	Male		Female		Total	
	Number	Rate**	Number	Rate**	Number	Rate**
Under 5	2	.	2	.	4	.
5-9	4	.	1	.	5	.
10-14	22	5.2	10	2.5	32	3.8
15-19	299	64.3	19	4.2	318	34.6
20-24	350	81.5	28	6.8	378	44.9
25-29	248	68.9	15	4.3	263	37.1
30-34	153	40.0	14	3.6	167	21.8
35-39	98	22.9	6	.	104	12.0
40-44	97	20.8	14	2.9	111	11.8
45-49	55	11.9	11	2.3	66	7.0
50-54	39	9.2	5	.	44	5.1
55-59	20	5.6	2	.	22	3.0
60-64	14	5.0	1	.	15	2.5
65-69	11	4.8	2	.	13	2.6
70-74	9	.	0	.	9	.
75-79	7	.	0	.	7	.
80-84	0	.	0	.	0	.
85+	6	.	0	.	6	.
All Ages	1,434	23.8	130	2.0	1,564	12.6

Source: PHC4.

** Per 100,000 population, 2004.

. Rate not calculated for <10 observations.

Table 23: Hospital Discharges for Firearm Injuries by Age Group and Gender, Number and Rate, White Race, Pennsylvania, 2004

Age Group (Years)	Gender					
	Male		Female		Total	
	Number	Rate**	Number	Rate**	Number	Rate**
Under 5	0	.	0	.	0	.
5-9	3	.	0	.	3	.
10-14	6	.	2	.	8	.
15-19	35	9.0	4	.	39	5.1
20-24	64	17.9	3	.	67	9.6
25-29	39	13.0	3	.	42	7.1
30-34	19	5.8	6	.	25	3.9
35-39	28	7.5	3	.	31	4.2
40-44	32	7.8	6	.	38	4.6
45-49	19	4.6	8	.	27	3.3
50-54	18	4.7	2	.	20	2.6
55-59	12	3.7	2	.	14	2.1
60-64	10	3.9	1	.	11	2.1
65-69	7	.	2	.	9	.
70-74	7	.	0	.	7	.
75-79	7	.	0	.	7	.
80-84	0	.	0	.	0	.
85+	2	.	0	.	2	.
All Ages	308	5.9	42	.8	350	3.3

Source: PHC4.

** Per 100,000 population, 2004.

. Rate not calculated for <10 observations.

Table 24: Hospital Discharges for Firearm Injuries by Age Group and Gender, Number and Rate, Black Race, Pennsylvania, 2004

Age Group (Years)	Gender					
	Male		Female		Total	
	Number	Rate**	Number	Rate**	Number	Rate**
Under 5	2	.	2	.	4	.
5-9	1	.	0	.	1	.
10-14	14	24.1	7	.	21	18.4
15-19	220	369.4	12	20.9	232	198.2
20-24	247	461.4	19	36.3	266	251.2
25-29	172	384.1	8	.	180	200.6
30-34	114	269.7	6	.	120	136.5
35-39	60	136.7	1	.	61	65.7
40-44	58	130.5	7	.	65	68.8
45-49	28	68.3	3	.	31	35.2
50-54	15	43.7	3	.	18	24.0
55-59	7	.	0	.	7	.
60-64	1	.	0	.	1	.
65-69	1	.	0	.	1	.
70-74	1	.	0	.	1	.
75-79	0	.	0	.	0	.
80-84	0	.	0	.	0	.
85+	3	.	0	.	3	.
All Ages	944	152.5	68	10.0	1,012	77.8

Source: PHC4.

** Per 100,000 population, 2004.

. Rate not calculated for <10 observations.

Table 25: Hospital Discharges for Assaults by Age Group and Gender, Number and Rate, Pennsylvania, 2004

Age Group (Years)	Gender					
	Male		Female		Total	
	Number	Rate**	Number	Rate**	Number	Rate**
Under 5	83	22.2	61	17.1	144	19.7
5-9	8	.	7	.	15	1.9
10-14	67	15.7	27	6.6	94	11.3
15-19	547	117.6	93	20.5	640	69.7
20-24	762	177.5	136	33.0	898	106.8
25-29	526	146.1	108	30.9	634	89.3
30-34	378	98.8	107	27.9	485	63.3
35-39	412	96.1	121	27.8	533	61.6
40-44	462	99.3	112	23.5	574	61.0
45-49	342	73.8	74	15.5	416	44.2
50-54	196	46.3	51	11.6	247	28.6
55-59	122	34.4	22	5.8	144	19.6
60-64	50	17.8	12	3.9	62	10.5
65-69	26	11.4	14	5.1	40	8.0
70-74	16	8.1	10	3.9	26	5.7
75-79	15	9.3	15	6.3	30	7.5
80-84	12	11.1	15	8.2	27	9.3
85+	18	24.6	15	8.3	33	13.0
All Ages	4,042	67.2	1,000	15.6	5,042	40.6

Source: PHC4.

** Per 100,000 population, 2004.

. Rate not calculated for <10 observations.

Table 26: Hospital Discharges for Assaults by Age Group and Gender, Number and Rate, White Race, Pennsylvania, 2004

Age Group (Years)	Gender					
	Male		Female		Total	
	Number	Rate**	Number	Rate**	Number	Rate**
Under 5	48	15.6	24	8.2	72	12.0
5-9	5	.	2	.	7	.
10-14	17	4.8	8	.	25	3.6
15-19	168	43.4	29	7.7	197	25.7
20-24	306	85.4	49	14.3	355	50.7
25-29	158	52.5	39	13.4	197	33.3
30-34	120	36.9	45	13.9	165	25.4
35-39	147	39.6	60	16.1	207	27.8
40-44	193	47.3	55	13.3	248	30.2
45-49	142	34.5	48	11.5	190	22.9
50-54	86	22.7	36	9.2	122	15.9
55-59	62	19.4	13	3.9	75	11.4
60-64	20	7.8	4	.	24	4.5
65-69	16	7.7	10	4.1	26	5.7
70-74	6	.	8	.	14	3.4
75-79	9	.	13	5.9	22	6.0
80-84	10	9.9	13	7.6	23	8.5
85+	10	14.6	13	7.7	23	9.7
All Ages	1,523	29.2	469	8.5	1,992	18.6

Source: PHC4.

** Per 100,000 population, 2004.

. Rate not calculated for <10 observations.

Table 27: Hospital Discharges for Assaults by Age Group and Gender, Number and Rate, Black Race, Pennsylvania, 2004

Age Group (Years)	Gender					
	Male		Female		Total	
	Number	Rate**	Number	Rate**	Number	Rate**
Under 5	24	47.9	24	49.7	48	48.8
5-9	2	.	2	.	4	.
10-14	40	69.0	15	26.7	55	48.2
15-19	289	485.3	47	81.8	336	287.1
20-24	359	670.6	71	135.6	430	406.1
25-29	296	661.1	55	122.4	351	391.2
30-34	202	477.9	53	116.1	255	290.0
35-39	226	514.8	53	108.3	279	300.5
40-44	220	495.1	49	97.9	269	284.7
45-49	162	395.2	25	53.1	187	212.3
50-54	86	250.8	13	31.9	99	131.8
55-59	52	195.4	8	.	60	100.4
60-64	26	130.9	5	.	31	67.2
65-69	8	.	3	.	11	29.5
70-74	7	.	2	.	9	.
75-79	4	.	1	.	5	.
80-84	2	.	2	.	4	.
85+	4	.	2	.	6	.
All Ages	2,009	324.6	430	63.0	2,439	187.4

Source: PHC4.

** Per 100,000 population, 2004.

. Rate not calculated for <10 observations.

Table 28: Hospital Discharges for Self-inflicted Injuries by Age Group and Gender, Number and Rate, Pennsylvania, 2004

Age Group (Years)	Gender					
	Male		Female		Total	
	Number	Rate**	Number	Rate**	Number	Rate**
Under 5	0	.	0	.	0	.
5-9	1	.	2	.	3	.
10-14	33	7.7	131	32.3	164	19.7
15-19	331	71.2	734	161.9	1,065	115.9
20-24	542	126.2	663	161.0	1,205	143.3
25-29	428	118.9	491	140.4	919	129.5
30-34	455	119.0	538	140.1	993	129.5
35-39	499	116.4	662	151.9	1,161	134.3
40-44	495	106.4	710	149.1	1,205	128.0
45-49	425	91.7	589	123.6	1,014	107.8
50-54	301	71.2	360	81.7	661	76.6
55-59	129	36.4	181	47.8	310	42.3
60-64	74	26.4	73	23.4	147	24.8
65-69	41	18.0	52	19.1	93	18.6
70-74	25	12.7	53	20.7	78	17.2
75-79	33	20.6	37	15.6	70	17.6
80-84	23	21.2	18	9.8	41	14.0
85+	33	45.0	26	14.3	59	23.2
All Ages	3,868	64.3	5,320	83.2	9,188	74.1

Source: PHC4.

** Per 100,000 population, 2004.

. Rate not calculated for <10 observations.

Table 29: Hospital Discharges for Self-inflicted Injuries by Age Group and Gender, Number and Rate, White Race, Pennsylvania, 2004

Age Group (Years)	Gender					
	Male		Female		Total	
	Number	Rate**	Number	Rate**	Number	Rate**
Under 5	0	.	0	.	0	.
5-9	0	.	2	.	2	.
10-14	27	7.7	95	28.5	122	17.8
15-19	281	72.6	599	158.5	880	115.0
20-24	447	124.8	531	155.0	978	139.6
25-29	320	106.3	393	135.2	713	120.5
30-34	353	108.4	451	139.5	804	123.9
35-39	380	102.4	544	146.1	924	124.3
40-44	380	93.1	603	146.2	983	119.8
45-49	336	81.6	524	125.5	860	103.7
50-54	252	66.4	302	77.6	554	72.1
55-59	105	32.8	161	47.7	266	40.5
60-64	62	24.3	70	25.1	132	24.7
65-69	36	17.3	45	18.3	81	17.8
70-74	23	12.7	51	21.8	74	17.8
75-79	31	20.7	33	15.1	64	17.4
80-84	22	21.7	17	10.0	39	14.3
85+	31	45.2	22	13.0	53	22.3
All Ages	3,086	59.2	4,443	80.5	7,529	70.2

Source: PHC4.

** Per 100,000 population, 2004.

. Rate not calculated for <10 observations.

Table 30: Hospital Discharges for Self-inflicted Injuries by Age Group and Gender, Number and Rate, Black Race, Pennsylvania, 2004

Age Group (Years)	Gender					
	Male		Female		Total	
	Number	Rate**	Number	Rate**	Number	Rate**
Under 5	0	.	0	.	0	.
5-9	0	.	0	.	0	.
10-14	3	.	17	30.3	20	17.5
15-19	25	42.0	67	116.5	92	78.6
20-24	47	87.8	84	160.5	131	123.7
25-29	55	122.8	65	144.6	120	133.8
30-34	55	130.1	52	113.9	107	121.7
35-39	81	184.5	75	153.2	156	168.0
40-44	85	191.3	71	141.8	156	165.1
45-49	62	151.2	38	80.7	100	113.5
50-54	32	93.3	41	100.5	73	97.2
55-59	18	67.6	17	51.3	35	58.6
60-64	6	.	1	.	7	.
65-69	2	.	6	.	8	.
70-74	2	.	2	.	4	.
75-79	1	.	2	.	3	.
80-84	1	.	1	.	2	.
85+	0	.	1	.	1	.
All Ages	475	76.8	540	79.1	1,015	78.0

Source: PHC4.

** Per 100,000 population, 2004.

. Rate not calculated for <10 observations.

Appendices

Appendix A Technical Notes on Methods

Data analysis was performed using SPSS⁵ on a personal computer. Resident discharge rates were computed by 25 E-code cause groupings obtained from the Centers for Disease Control and Prevention⁹ and the uniform national census age groups, gender, race, total and average charges, and payer source.

Cases were excluded if the E-code in one of the secondary diagnosis fields was coded as adverse effects, misadventures, surgical and medical procedures and complications, and the effect of drugs in therapeutic use. These include the following E-codes:

- | | |
|---|---|
| <ul style="list-style-type: none">▪ 995.0-995.4 (Certain adverse effects)▪ 995.6-995.69 (Anaphylactic shock due to adverse food reaction)▪ 995.89 (Other malignant hyperpyrexia or hypothermia due to anesthesia) | <ul style="list-style-type: none">▪ E870.0 – E876.9 (Misadventures to patients during surgical and medical care)▪ E878.0 – E879.9 (Surgical and medical procedures and complications)▪ E930.0 – E949.9 (Effects of drugs, medicinal and biological substances in therapeutic use) |
|---|---|

To provide data to measure Pennsylvania's progress towards meeting the objectives set in *Healthy People 2010* - Selected Injury-related Objectives: 15-1; 15-2; 15-28, several specific injury types and causes (namely unintentional injuries, spinal cord injuries, head injuries, hip fractures, and falls) were analyzed by age group, race and specific causes. Additionally, fire-burns related asphyxia injuries, pedal cycle (bicycle) injuries, self-inflicted, and assaults were also analyzed by age group, gender, race and causes.

Resident discharge rates were computed by the ICD-9-CM codes (all conditions). Although age was categorized into 5-year national census age groups for most tables, in a few cases it was collapsed into seven age groups because of small numbers.

Computation of rates was based on the mid-year state population for 2004. No rates were computed for data values less than five (i.e., numerator cut-off value).

Appendix B: ICD-9-CM Categories

E-code Mechanism by Intent Groupings Used in this Report

INTENT				
	1. Unintentional	2. Self-inflicted	3. Assault	4. Other/unspecified
MECHANISM	ICD-9-CM E-CODE GROUPINGS			
Cut/pierce	920.0-.9	956	966	974; 986
Drowning/submersion	830.0-.9; 832.0-.9 910.0-.9	954	964	984
Fall	880.0-886.9; 888	957.0-.9	968.1	987.0-.9
Fire/flammes	890.0-899	958(.1, .2, .7)	968	988.1
Hot object/scald	924.0-.9	958.2;.7	961;968.3	988.2,.7
Firearm	922.0-.9	955.0-.4	965.0-.4	970; 985.0-.4
Machinery	919.0-.9			
MV-Traffic				
Occupant	810-819 (.0,.1)			
Motorcyclist	810-819 (.2,.3)			
Pedal cyclist	810-819 (.6)			
Pedestrian	810-819 (.7)			
Unspecified	810-819 (.9)			
Other	810-819 (.4, .5, .8)	958.5	968.5	988.5
Pedal cyclist, other	800-807(.3); 820- 825(.6) 826.1;.9; 827- 829 (.1)			
Pedestrian, other	800-807 (.2) 820-825 (.7) 826-829 (.0)			
Transport, other	800-807(.0,.1,.8,.9) 820-825(0-.5, .8, .9) 826.2-.8 827-829(.2-.9); 831.0- .9 833.0-845.9	958.6		988.6
Bites & stings	905.0-.6,.9 906(.0-.4, .2-.9)			
Other natural & environmental factors	900-909 928.0-.2	958.3		988.3
Overexertion	927			
Poisoning	850.0-869.9	950.0-952.9	962.0-.9	972; 980.0-982.9
Struck by, against	916-917.9		960.0;968.2	973;975
Suffocation	911-913.9	953.0-.9	963	983.0-.9
Other specified and classifiable	846-848, 914-915, 918 921.0-.9, 923.0-.9 925.0-926.9 929.0-.5	955.5, .9 958.0, .4	960.1, 965.5-.9 967.0-.9 968.4	971, 978, 990-994 996, 997.0-.2
Other specified, not elsewhere classifiable	928.8, 929.8	958.8, 959	968.8, 969	977, 995, 997.8 998, 999
Unspecified	887, 928.9, 929.9	958.9	968.9	976, 997.9

Source: CDC E-code matrix 2004.

Appendix C: Categories of Specific Mechanisms

Falls, Jumps & Shoves (by Specific E-coded Mechanism)				
Fall on Same Level	Fall Related to Stairs or Height	Fall from Building or other Structure	Fall into Hole or other Opening	Other & Unspecified Fall
E885, E886.(0,9)	E880.(0,1,9), E881.(0,1), E884.(0,1,2,3,4,5,6,9) E957.(0,1,2,9), E968.1, E987.(0,1,2,9)	E882	E883.(0,1,2,9)	E804.(0,1,2,3,8,9), E833.(0,1,2,3,4,5,6,8,9), E834.(0,1,2,3,4,5,6,8,9), E835.(0,1,2,3,4,5,6,8,9), E843.(0,1,2,3,4,5,6,7,8,9), E888.(0,1,8,9), E988.0
Bicycle Injuries (by Specific E-coded Mechanism)				
Crash with Other Object	Crash with MV in Traffic	Crash with MV not in Traffic	Crash with Train	Injury to Unspecified Person in Bicycle Crash
E826.1	E810.6, E811.6, E812.6, E813.6, E814.6, E815.6, E816.6, E817.6, E818.6, E819.6	E820.6, E821.6, E822.6, E823.6, E824.6, E825.6	E800.3, E801.3, E802.3, E803.3, E805.3, E806.3, E807.3	E826.(0,9)
Fire, Burns & Related Asphyxia Injuries (by Specific E-coded Mechanism)				
Conflagration	Controlled Fire	Clothing Ignition	Hot Substance Burns/Scalds	Other & Unspecified
E890.(0,1,2,3,8,9), E891.(0,1,2,3,8,9), E892, E968.0	E895, E896, E897, E958.1, E988.1	E893.(0,1,2,8,9), E894	E924.(0,1,2,8,9), E958.2, E968.3, E988.2	E898.(0,1), E899, E988.7 E990.(0,9)
Firearm Injuries (by E-coded Type of Firearm)				
Handguns	Shotguns	Hunting Rifles	Military	Other & Unspecified
E922.0, E955.0, E965.0, E985.0	E922.1, E955.1, E965.1, E985.1	E922.2, E955.2, E965.2, E985.2	E922.3, E955.3, E965.3, E970, E985.3	E922.(8,9), E955.(4,9), E965.4, E985.4, E991.(0,1,2)

Appendix D: Diagnostic Categories (ICD-9-CM Diagnosis Codes)

Spinal Cord Injury

Injury to the spinal cord from any cause [from CDC's Acute Traumatic Spinal Cord Injury Proposed Surveillance Definition].

- 806.0 - 806.9 Fracture of the vertebral column with spinal cord injury
- 952.0 – 952.9 Spinal cord injury without evidence of spinal bone injury

Head Injury

Traumatic head injury and brain injuries from any cause [from CDC's "Data Case Definition" Traumatic Head Injury: Proposed Surveillance Definition, March, 1993].

- 800.0 - 801.9 Fracture of the vault or base of skull
- 803.0 - 804.9 Other and unqualified and multiple fractures of the skull
- 850.0 - 854.1 Intracranial injury, including concussion, contusion, laceration, and hemorrhage
- 950 (.1-.3) Injury to optic nerve and pathways (began 10-1-2006)
- 959.01 Head injury, unspecified (began 10-1-97)
- 995.55 Shaken Child Syndrome (began 10-1-2006)

Hip Fractures

820.0 – 820.9 Transcervical fractures, peritrochanteric fractures, and fractures of unspecified parts of the neck of the femur.

Appendix E: Healthy People 2010 Objectives

Healthy People 2010: Understanding and Improving Health establishes specific Injury and Violence Prevention Objectives for improving the health of all Americans. Only 2 objectives can be directly assessed using the state hospital discharge data. A third objective was added since a vast majority of hip fractures among the elderly result in hospitalizations. The following table compares the Healthy People 2010 National Objectives and Pennsylvania rates for 2004.

Healthy People Year 2010 Objective	Pennsylvania Rate*, 2004	Factor Above Target
Objective 15-1: <i>Reduce nonfatal head injuries so that hospitalizations for this condition are no more than 45 per 100,000 people.</i>	The rate for nonfatal head injury hospitalizations in Pennsylvania was 101.2 per 100,000 people.	2.25
Objective 15-2: <i>Reduce nonfatal spinal cord injuries so that hospitalizations for this condition are no more than 2.4 per 100,000 people.</i>	The rate for nonfatal spinal cord injury hospitalizations in Pennsylvania was 5.1 per 100,000 people.	2.13
Objective 15-28a: <i>Reduce hip fractures among females aged 65 and older so that hospitalizations for this condition are no more than 416 per 100,000 people.</i>	The rate for hip fracture hospitalizations among females aged 65 and older in Pennsylvania was 935.1 per 100,000 people.	2.25
Objective 15-28b: <i>Reduce hip fractures among males aged 65 and older so that hospitalizations for this condition are no more than 474 per 100,000 people.</i>	The rate for hip fracture hospitalizations among males aged 65 and older in Pennsylvania was 517.4 per 100,000 people.	1.09

* Rate age-adjusted using the Healthy People 2010 standard age grouping.

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Violence and Injury Prevention Program
Division of Health Risk Reduction
Bureau of Health Promotion and Risk Reduction
Pennsylvania Department of Health
Room 1008 Health and Welfare Building
Seventh and Forster Streets
Harrisburg, Pennsylvania 17120
717-787-5900
<http://www.health.state.pa.us>

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The Department of Health is an equal opportunity provider of grants, contracts, services, and employment.

This publication was supported by the Preventive Health and Health Services Block Grant from the Centers for Disease Control and Prevention (CDC).