

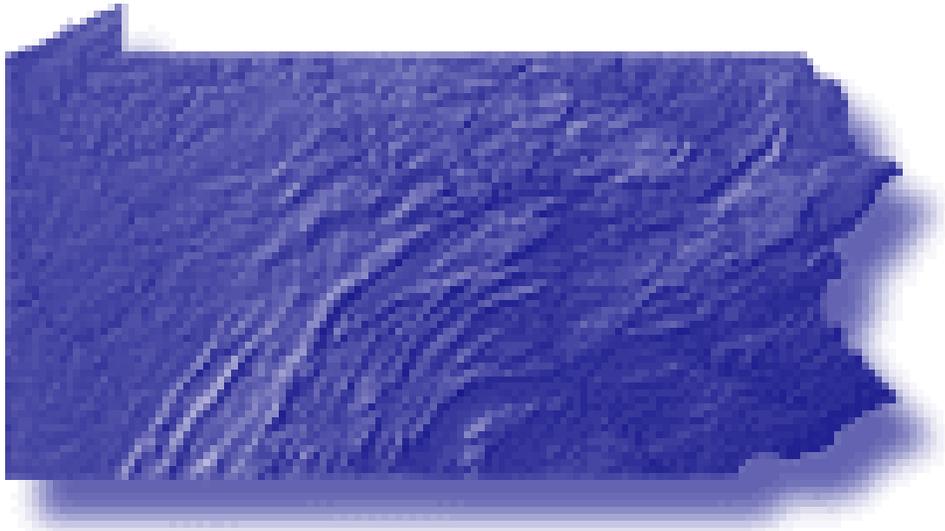
INJURIES IN PENNSYLVANIA

Hospital Discharges 2000

DEPARTMENT OF
HEALTH

Edward G. Rendell, Governor
Calvin B. Johnson, M.D., M.P.H., Secretary of Health

Injuries in Pennsylvania



Hospital Discharges 2000

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August 2003

Acknowledgments

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The Pennsylvania Department of Health financed this report under a contract funded by the Preventive Health and Health Services Block Grant. Hospital discharge data were provided by the Pennsylvania Health Care Cost Containment Council (PHC4).

We would like to thank Deborah Morris for her assistance with the preparation of this monograph.

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Suggested Citation

Strotmeyer SJ, Weiss HB. Injuries in Pennsylvania: Hospital Discharges, 2000. Pittsburgh, Pennsylvania: Center for Injury Research and Control (CIRCL), Department of Neurological Surgery, University of Pittsburgh, 2000.

This publication was supported by the Preventive Health and Health Services Block Grant from the Centers for Disease Control and Prevention (CDC). Its contents are solely the responsibility of the authors and do not necessarily represent the official views of the CDC.

Data used in this report were provided to the Pennsylvania Department of Health by the Pennsylvania Health Care Cost Containment Council. The Pennsylvania Health Care Cost Containment Council specifically disclaims responsibility for any interpretations or conclusions.

This monograph was funded, in part, under a contract administered by the Pennsylvania Department of Health. The Department specifically disclaims responsibility for any interpretations or conclusions. Contents may be republished or reproduced whole or in part, with attribution.

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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, < 5 cases. Statistic not computed, 0 cases.
MV	Motor Vehicle
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 mortality⁴ 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 a series, to comprehensively document the injury burden to Pennsylvanians using hospitalization data.

In 2000, 122,590 reported injury cases to Pennsylvania residents were discharged from hospitals in the Commonwealth of Pennsylvania, a rate of 1,022.1 per 100,000 persons. The leading causes of hospitalized injury were falls, poisonings, and injuries to occupants of motor vehicles. Rare causes included injuries from drowning and suffocation. The majority of injuries were reported as unintentional. Subgroups of the population with highest rates were Blacks and the elderly. The rate in males was 1,001.2 compared to 1,041.5 for females. The rate in Blacks was 1.24 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 rates set in the *Healthy People 2000: National Health Promotion and Disease Prevention Objectives* as national targets.

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, persons under 14 years and over 65 years, 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 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 2000 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 risk factors: injuries occur to high risk individuals, occur in high risk places, and involve high risk products. These numbers indeed point the way.

Fact Sheet

- ❑ In 2000, a total of 122,590 injury hospital discharges were reported by Pennsylvania hospitals, representing an injury hospital discharge rate of 1,022.1 per 100,000 persons.
- ❑ Males experienced an overall rate of 1,001.2 per 100,000 persons compared with a female rate of 1,041.5 per 100,000 persons.
- ❑ The overall injury rate for Blacks was 1.24 times that of Whites.
- ❑ Falls accounted for 42.4% of all injury discharges that were assigned valid E-codes.
- ❑ Violence, including self-inflicted injuries and assaults, comprised 10.8% of all injury hospital discharges with rates of 70.2 and 39.9 per 100,000 persons, respectively.
- ❑ The hospital discharge rate from assaults for Blacks was 11.5 times that of Whites.
- ❑ Among Pennsylvanians ages 20-24 years old, 613 out of every 100,000 Blacks were discharged from a hospital as a result of a firearm-related injury.
- ❑ The hospital discharge rate for nonfatal spinal cord injuries in Pennsylvania was 14.0% lower than the national rate set as the target for the Year 2000.
- ❑ The hospital discharge rate for nonfatal head injuries in Pennsylvania was 14.4% higher than the national rate set as the target for the Year 2000.
- ❑ For persons ages 65 years and older, the hospital discharge rate from hip fractures in Pennsylvania was 61.9% higher than the national rate set as the target for the Year 2000.

Narrative

Overview of Monograph

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

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 (Year) 2000 Objectives.

Background to 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 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.
- ❑ Performing data analyses and preparing annual reports of injury and behavioral risks.

Data Source

The 2000 statewide Hospital Discharge Data compiled by the PHC4 was the primary data source for this report. The 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 for this report include all 2000 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 2000 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.

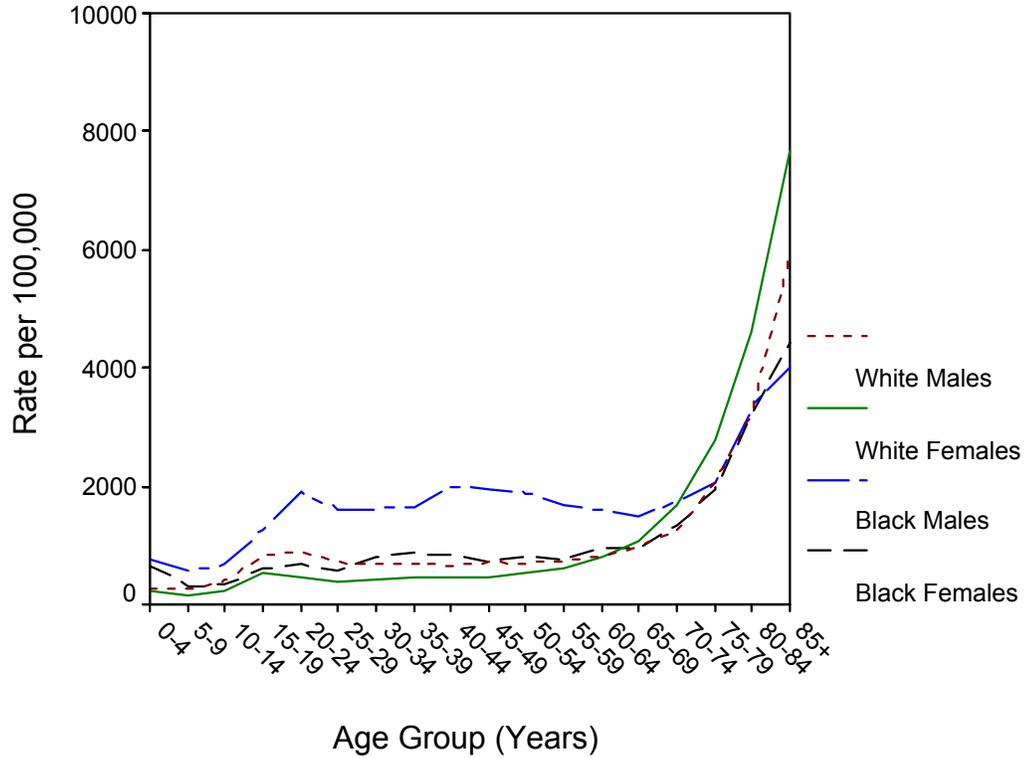
Data Analysis

Data analysis was performed using SPSS.⁵ Several mortality and morbidity reports from the Commonwealth and other states were consulted for the analysis presented in this report.⁶⁻¹⁵ The analysis was performed according to suggested recommendations published recently.¹⁶ Data for population-based rates statewide and for each county were obtained from the State Bureau of Health Statistics and Research^{17,18} 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 towards meeting the Healthy People (Year) 2000 Objectives.¹⁹ 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.

Graphical Highlights

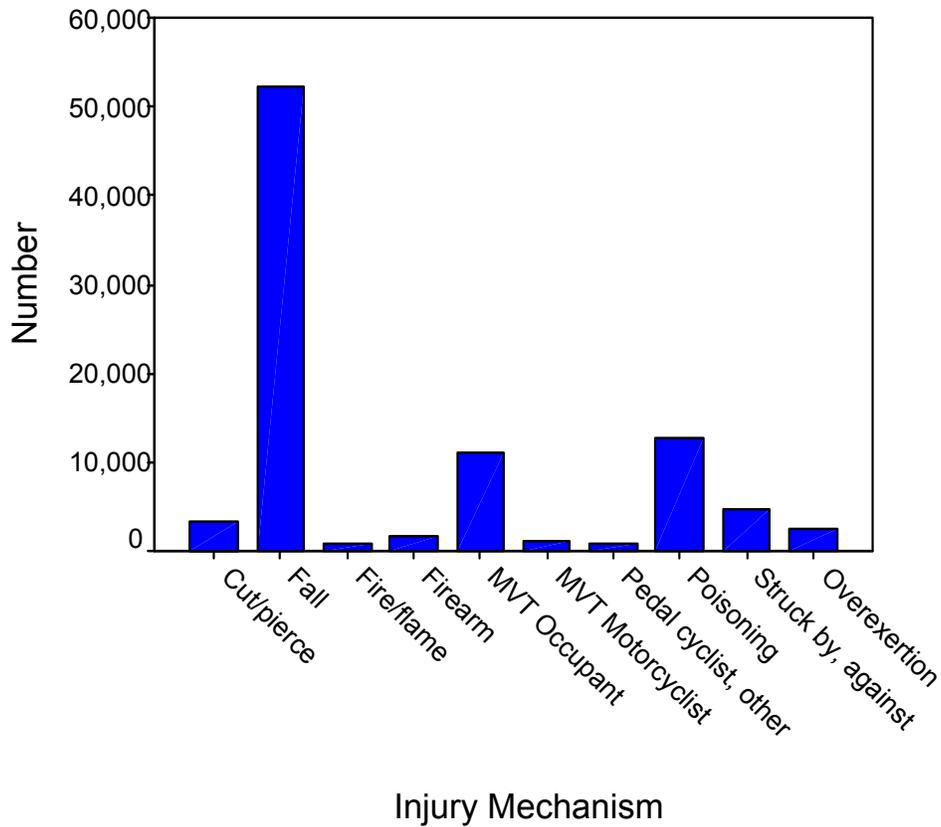
Figure 1 Hospital Discharge Rates by Race-Gender and Age Group, Pennsylvania, 2000



Source: PHC4

- ❑ Overall, the injury hospital discharge rate for males (1,001.2 per 100,000 persons) was lower than that of females (1,041.5 per 100,000).
- ❑ Among Black persons, males experienced a higher injury hospital discharge rate than females from birth to age 70 years, after which the trend reversed.
- ❑ Among White persons, males experienced a higher injury hospital discharge rate than females from birth to age 65 years.
- ❑ Overall injury hospital discharge rate for Blacks was 1.2 times that of Whites.

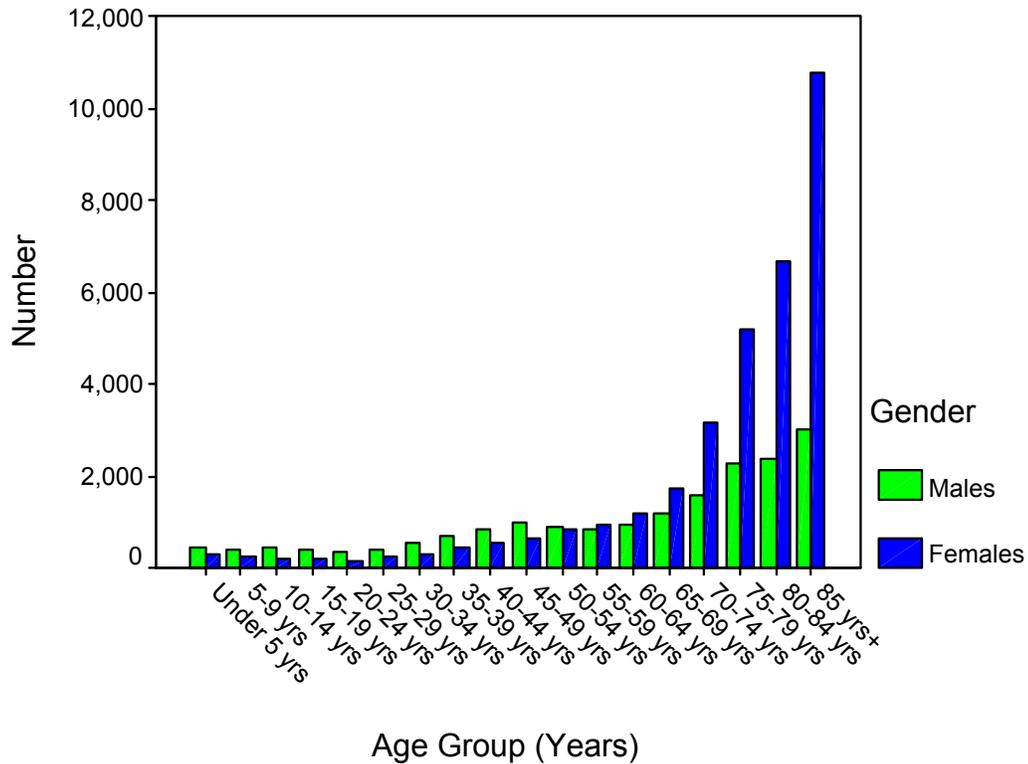
Figure 2 Hospital Discharges for Leading Injury Mechanisms, Pennsylvania, 2000



Source: PHC4

- The 3 leading causes for injury-related hospital discharges among Pennsylvanians continues to be falls, poisonings and motor vehicle-related.

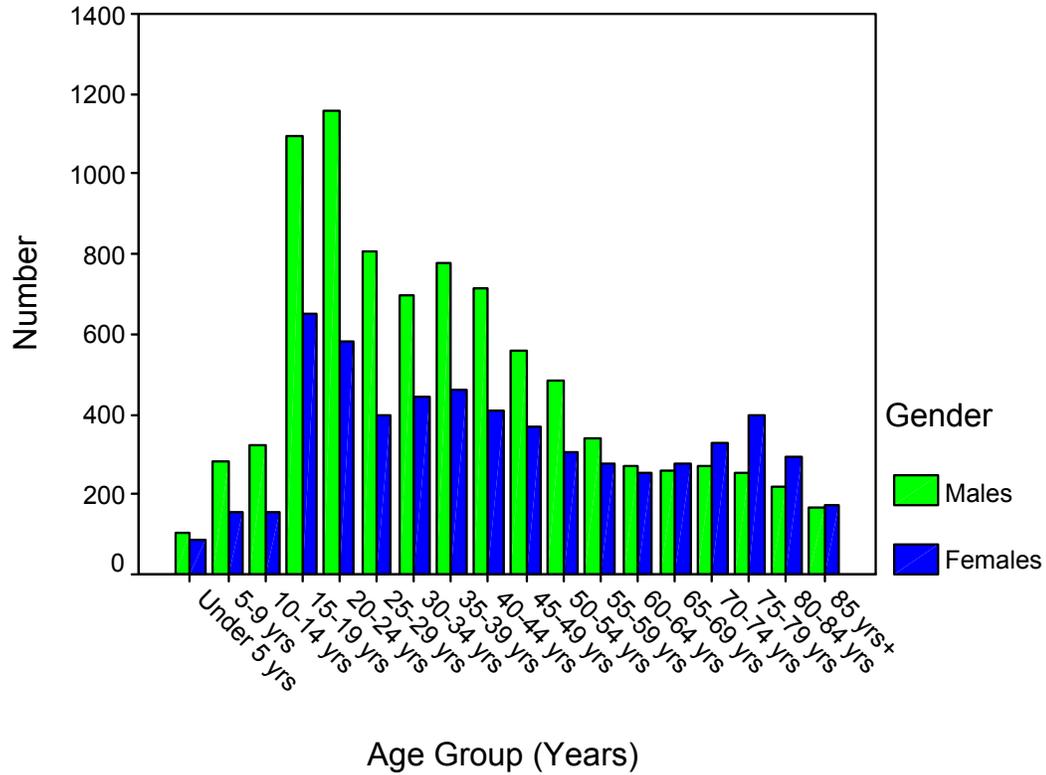
Figure 3 Hospital Discharges for Falls by Age Group and Gender, Pennsylvania, 2000



Source: PHC4

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

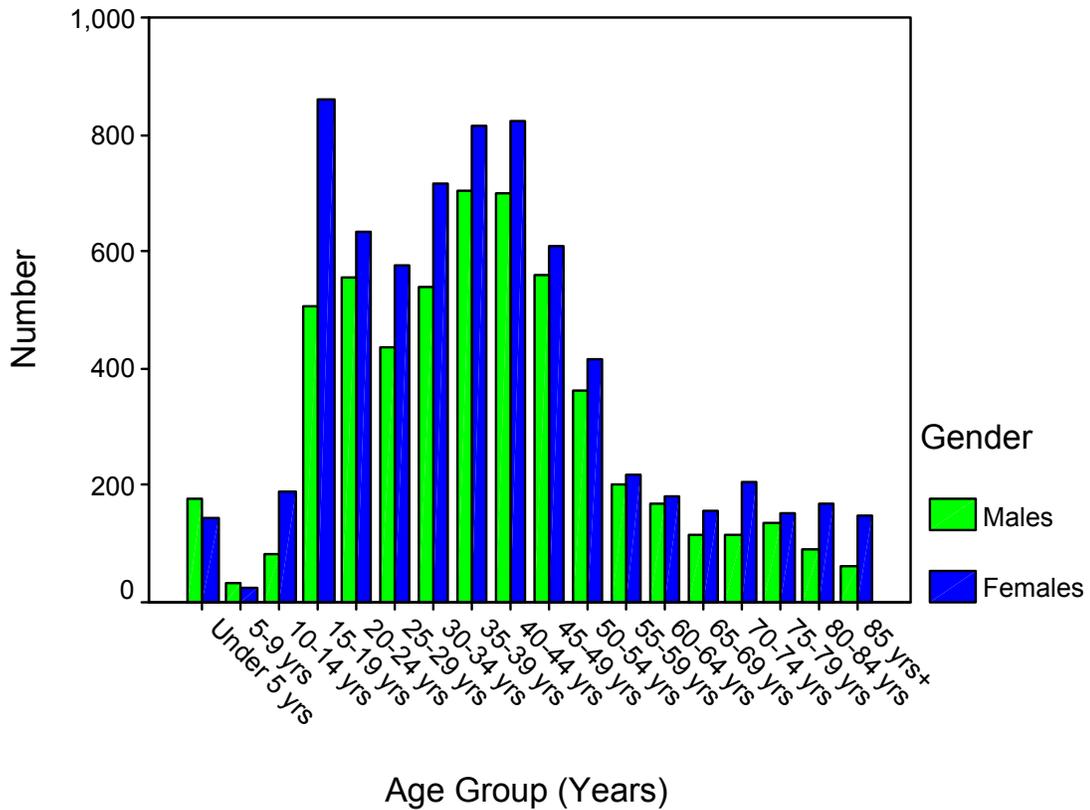
Figure 4 Hospital Discharges for Motor Vehicle-related Injuries by Age Group and Gender, Pennsylvania, 2000



Source: PHC4

- ❑ The frequency distribution of hospital discharges from motor vehicle-related (MVR) injuries was bimodal with peaks in persons 15-49 years and those ages 65-85 years.
- ❑ Among persons 15-64 years, the frequency of hospital discharges from MVR injuries was higher in males.
- ❑ Between 65 and 84 years of age, females demonstrate the higher frequency of hospital discharges for MVR injuries.
- ❑ The greatest disparity in frequency of hospital discharges for MVR injuries by gender was among persons aged 20-24 years.

Figure 5 Hospital Discharges for Poisonings by Age Group and Gender, Pennsylvania, 2000



Source: PHC4

- ❑ The most frequent hospital discharges from poisonings was among females ages 15-19. In 1999, this was highest among 35-39 year old females.
- ❑ Among persons under 10 years, the frequency of hospital discharges from poisonings was higher in males.
- ❑ The greatest disparity in frequency of poisonings by gender was among children aged 10-14 years and the elderly (80 years and older).

Detailed Tables of Statewide Data

Table 1 Hospital Discharges for all Injuries by Age Group and Gender, Number and Rate, Pennsylvania, 2000

	Gender					
	Male		Female		Total	
	Number	Rate**	Number	Rate**	Number	Rate**
Under 5	1,442	395.1	1,143	329.3	2,585	363.0
5-9	1,341	326.3	768	196.8	2,109	263.3
10-14	2,049	477.9	1,029	251.6	3,078	367.5
15-19	4,069	968.1	2,409	597.1	6,478	786.4
20-24	4,126	1,168.3	1,950	557.2	6,076	864.1
25-29	3,374	927.6	1,806	479.0	5,180	699.3
30-34	3,633	891.7	2,208	523.1	5,841	704.1
35-39	4,231	895.5	2,613	545.6	6,844	719.4
40-44	4,353	886.7	2,745	546.0	7,098	714.3
45-49	3,859	910.5	2,433	541.3	6,292	720.5
50-54	3,155	887.7	2,372	614.4	5,527	745.4
55-59	2,508	897.0	2,167	696.2	4,675	791.2
60-64	2,298	991.7	2,380	899.8	4,678	942.7
65-69	2,531	1,167.5	3,131	1,173.9	5,662	1,171.1
70-74	3,031	1,435.7	5,086	1,836.5	8,117	1,663.1
75-79	3,805	2,280.9	7,572	3,070.1	11,377	2,751.7
80-84	3,716	3,643.2	9,173	5,106.3	12,889	4,576.4
85+	4,201	6,409.8	13,883	8,325.4	18,084	7,784.9
All Ages	57,722	1,001.2	64,868	1,041.5	122,590	1,022.1

Source: PHC4.

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

** Per 100,000 population, 2000; totals exclude missing data.

. Rate not calculated for <5 observations.

Table 2 Hospital Discharges for all Injuries by Age Group and Gender, Number and Rate, White Race, Pennsylvania, 2000

	Gender					
	Male		Female		Total	
	Number	Rate**	Number	Rate**	Number	Rate**
Under 5	827	282.3	651	235.2	1,478	259.4
5-9	855	258.5	497	158.7	1,352	209.9
10-14	1,423	403.0	728	216.7	2,151	312.2
15-19	2,819	805.6	1,753	521.0	4,572	666.1
20-24	2,656	904.9	1,342	464.9	3,998	686.8
25-29	2,161	709.1	1,219	391.6	3,380	548.7
30-34	2,348	679.9	1,497	421.1	3,845	548.6
35-39	2,832	693.3	1,843	449.0	4,675	570.8
40-44	2,859	663.4	1,976	452.7	4,835	557.3
45-49	2,679	710.9	1,791	455.6	4,470	580.5
50-54	2,237	699.8	1,805	529.7	4,042	612.1
55-59	1,833	725.9	1,706	618.9	3,539	670.0
60-64	1,733	825.4	1,874	796.4	3,607	810.1
65-69	1,950	987.8	2,566	1,072.9	4,516	1,034.4
70-74	2,428	1,243.7	4,239	1,669.9	6,667	1,484.6
75-79	3,183	2,049.6	6,398	2,802.4	9,581	2,497.6
80-84	3,136	3,267.3	7,777	4,627.9	10,913	4,133.3
85+	3,594	5,917.0	11,921	7,685.6	15,515	7,187.9
All Ages	41,553	835.5	51,583	963.4	93,136	901.8

Source: PHC4.

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

** Per 100,000 population, 2000; totals exclude missing data.

. Rate not calculated for <5 observations.

Table 3 Hospital Discharges for all Injuries by Age Group and Gender, Number and Rate, Black Race, Pennsylvania, 2000

	Gender					
	Male		Female		Total	
	Number	Rate**	Number	Rate**	Number	Rate**
Under 5	344	777.0	286	666.9	630	722.8
5-9	300	564.3	160	311.3	460	440.0
10-14	342	671.5	167	337.0	509	506.6
15-19	582	1,255.0	265	601.9	847	937.0
20-24	713	1,891.6	269	679.5	982	1,270.7
25-29	611	1,621.3	246	586.8	857	1,076.5
30-34	641	1,615.5	343	798.2	984	1,190.6
35-39	694	1,647.0	401	862.5	1,095	1,235.5
40-44	816	1,998.9	390	837.0	1,206	1,379.6
45-49	623	1,946.3	295	734.9	918	1,272.3
50-54	461	1,886.2	258	802.5	719	1,270.6
55-59	317	1,697.5	201	766.3	518	1,153.5
60-64	245	1,591.0	212	948.5	457	1,210.6
65-69	224	1,505.7	208	948.3	432	1,173.5
70-74	220	1,726.6	250	1,332.7	470	1,492.0
75-79	192	2,044.5	292	1,929.8	484	1,973.7
80-84	162	3,361.0	313	3,237.1	475	3,278.3
85+	148	4,008.7	429	4,443.8	577	4,323.4
All Ages	7,635	1,443.8	4,985	828.8	12,620	1,116.6

Source: PHC4.

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

** Per 100,000 population, 2000; totals exclude missing data.

. Rate not calculated for <5 observations.

Table 4 Cause of Hospitalization by Age Group (0-44), Number and Rate, Pennsylvania, 2000

	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	72	10.1	58	7.2	123	14.7	340	41.3	367	52.2	327	44.1	352	42.4	384	40.4	335	33.7
Drowning/Submersion	32	4.5	15	1.9	10	1.2	4	.	2	.	3	.	2	.	1	.	4	.
Fall	769	108.0	628	78.4	665	79.4	567	68.8	522	74.2	599	80.9	807	97.3	1,102	115.8	1,406	141.5
Fire/Flame	32	4.5	33	4.1	40	4.8	51	6.2	56	8.0	54	7.3	64	7.7	67	7.0	71	7.1
Hot Object/Scald	223	31.3	26	3.2	27	3.2	39	4.7	49	7.0	46	6.2	72	8.7	73	7.7	92	9.3
Firearm	15	2.1	14	1.7	33	3.9	289	35.1	423	60.2	266	35.9	180	21.7	123	12.9	99	10.0
Machinery	20	2.8	10	1.2	19	2.3	29	3.5	68	9.7	66	8.9	76	9.2	109	11.5	100	10.1
MV Occupant	111	15.6	162	20.2	185	22.1	1,437	174.4	1,409	200.4	936	126.4	852	102.7	909	95.5	767	77.2
MV Motorcyclist	1	.	4	.	15	1.8	87	10.6	150	21.3	138	18.6	155	18.7	154	16.2	152	15.3
MV Pedal Cyclist	4	.	63	7.9	106	12.7	37	4.5	17	2.4	14	1.9	17	2.0	13	1.4	25	2.5
MV Pedestrian	75	10.5	200	25.0	159	19.0	123	14.9	99	14.1	70	9.4	76	9.2	109	11.5	113	11.4
MV Unspecified	.	.	1	.	3	.	39	4.7	60	8.5	37	5.0	41	4.9	45	4.7	59	5.9
MV Other	2	.	5	.6	9	1.1	24	2.9	6	.9	9	1.2	3	.	10	1.1	7	.7
Pedal cyclist, other	22	3.1	178	22.2	272	32.5	117	14.2	27	3.8	16	2.2	38	4.6	39	4.1	47	4.7
Pedestrian, other	10	1.4	10	1.2	7	.8	6	.7	7	1.0	6	.8	10	1.2	6	.6	11	1.1
Transport, other	18	2.5	68	8.5	173	20.7	217	26.3	186	26.5	168	22.7	147	17.7	155	16.3	128	12.9
Bites & Stings	107	15.0	97	12.1	75	9.0	66	8.0	45	6.4	75	10.1	74	8.9	128	13.5	115	11.6
Other natural/env'tl factors	27	3.8	17	2.1	21	2.5	13	1.6	12	1.7	25	3.4	24	2.9	42	4.4	39	3.9
Overexertion	10	1.4	15	1.9	65	7.8	156	18.9	104	14.8	114	15.4	143	17.2	190	20.0	215	21.6
Poisoning	320	44.9	56	7.0	273	32.6	1,370	166.3	1,188	169.0	1,012	136.6	1,254	151.2	1,518	159.6	1,522	153.2
Struck by, Against	107	15.0	157	19.6	350	41.8	651	79.0	467	66.4	353	47.7	392	47.3	442	46.5	423	42.6
Suffocation	61	8.6	14	1.7	16	1.9	18	2.2	22	3.1	16	2.2	22	2.7	33	3.5	37	3.7
Other specified/classifiable	291	40.9	141	17.6	169	20.2	219	26.6	220	31.3	269	36.3	371	44.7	381	40.0	424	42.7
Other specified, NEC	66	9.3	34	4.2	60	7.2	143	17.4	187	26.6	174	23.5	185	22.3	213	22.4	231	23.2
Unspecified	1,312	184.2	1,040	129.8	1,530	182.6	3,285	398.8	3,118	443.4	2,640	356.3	3,006	362.3	3,529	370.9	3,659	368.2

Source: PHC4.

* Per 100,000 population, 2000; totals exclude missing data.

- Rate not calculated.

. Empty cell.

Table 5 Cause of Hospitalization by Age Group (45-85+), Number and Rate, Pennsylvania, 2000

	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	212	24.3	175	23.6	111	18.8	82	16.5	81	16.8	81	16.6	56	13.5	35	12.4	37	15.9
Drowning/Submersion	1	.	2	.	.	.	2	.	1	.	4	.	2	.	1	.	1	.
Fall	1,641	187.9	1,710	230.6	1,770	299.6	2,125	428.2	2,925	605.0	4,753	973.9	7,444	1,800.5	9,019	3,202.3	13,769	5,927.4
Fire/Flame	43	4.9	52	7.0	41	6.9	36	7.3	28	5.8	48	9.8	41	9.9	21	7.5	18	7.7
Hot Object/Scald	65	7.4	69	9.3	42	7.1	38	7.7	42	8.7	48	9.8	54	13.1	34	12.1	51	22.0
Firearm	64	7.3	36	4.9	21	3.6	21	4.2	14	2.9	11	2.3	12	2.9	5	1.8	16	6.9
Machinery	81	9.3	73	9.8	68	11.5	38	7.7	31	6.4	27	5.5	23	5.6	22	7.8	11	4.7
MV Occupant	648	74.2	593	80.0	441	74.6	400	80.6	429	88.7	502	102.9	523	126.5	420	149.1	272	117.1
MV Motorcyclist	113	12.9	76	10.2	56	9.5	28	5.6	14	2.9	6	1.2	3	.	.	.	2	.
MV Pedal Cyclist	17	1.9	8	1.1	4	.	2	.	2	.	3	.	1	.	3	.	2	.
MV Pedestrian	91	10.4	75	10.1	63	10.7	53	10.7	64	13.2	47	9.6	82	19.8	59	20.9	40	17.2
MV Unspecified	48	5.5	33	4.5	42	7.1	36	7.3	26	5.4	38	7.8	34	8.2	30	10.7	21	9.0
MV Other	10	1.1	6	.8	7	1.2	5	1.0	3	.	1	.	6	1.5	1	.	3	.
Pedal cyclist, other	42	4.8	36	4.9	27	4.6	14	2.8	12	2.5	11	2.3	5	1.2	6	2.1	4	.
Pedestrian, other	8	.9	7	.9	6	1.0	5	1.0	9	1.9	7	1.4	6	1.5	4	.	6	2.6
Transport, other	113	12.9	82	11.1	61	10.3	39	7.9	49	10.1	45	9.2	53	12.8	57	20.2	34	14.6
Bites & Stings	104	11.9	104	14.0	83	14.0	72	14.5	76	15.7	77	15.8	68	16.4	55	19.5	29	12.5
Other natural/env'tl factors	49	5.6	51	6.9	37	6.3	32	6.4	30	6.2	56	11.5	66	16.0	68	24.1	80	34.4
Overexertion	180	20.6	193	26.0	155	26.2	155	31.2	172	35.6	207	42.4	196	47.4	169	60.0	163	70.2
Poisoning	1,169	133.9	781	105.3	420	71.1	351	70.7	271	56.1	321	65.8	289	69.9	258	91.6	208	89.5
Struck by, Against	271	31.0	213	28.7	149	25.2	117	23.6	103	21.3	111	22.7	128	31.0	129	45.8	161	69.3
Suffocation	30	3.4	36	4.9	47	8.0	42	8.5	58	12.0	91	18.6	118	28.5	138	49.0	153	65.9
Other specified/classifiable	386	44.2	313	42.2	256	43.3	217	43.7	268	55.4	315	64.5	377	91.2	336	119.3	337	145.1
Other specified, NEC	183	21.0	145	19.6	107	18.1	92	18.5	91	18.8	103	21.1	119	28.8	103	36.6	93	40.0
Unspecified	3,272	374.6	2,856	385.1	2,405	407.0	2,385	480.6	2,883	596.2	4,050	829.7	5,615	1,358.1	6,308	2,239.6	8,838	3,804.4

Source: PHC4.

* Per 100,000 population, 2000; totals exclude missing data.

- Rate not calculated.

. Empty cell.

Table 6 Cause of Hospitalization by Age Group (0-44), Number and Rate, Males, Pennsylvania, 2000

	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	41	11.2	38	9.2	64	14.9	198	47.1	267	75.6	231	63.5	246	60.4	252	53.3	228	46.4
Drowning/Submersion	21	5.8	11	2.7	8	1.9	4	.	2	.	2	.	1	.	.	.	3	.
Fall	455	124.7	381	92.7	449	104.7	389	92.6	351	99.4	376	103.4	521	127.9	670	141.8	845	172.1
Fire/Flame	11	3.0	24	5.8	32	7.5	40	9.5	42	11.9	35	9.6	40	9.8	53	11.2	49	10.0
Hot Object/Scald	117	32.1	16	3.9	15	3.5	25	5.9	34	9.6	30	8.2	52	12.8	47	9.9	61	12.4
Firearm	12	3.3	7	1.7	30	7.0	273	65.0	400	113.3	252	69.3	167	41.0	114	24.1	81	16.5
Machinery	14	3.8	8	1.9	18	4.2	28	6.7	66	18.7	61	16.8	70	17.2	95	20.1	89	18.1
MV Occupant	53	14.5	87	21.2	105	24.5	870	207.0	904	256.0	594	163.3	475	116.6	530	112.2	452	92.1
MV Motorcyclist	1	.	2	.	15	3.5	78	18.6	141	39.9	121	33.3	139	34.1	137	29.0	128	26.1
MV Pedal Cyclist	2	.	51	12.4	89	20.8	34	8.1	13	3.7	11	3.0	16	3.9	10	2.1	24	4.9
MV Pedestrian	48	13.2	136	33.1	104	24.3	70	16.7	63	17.8	52	14.3	45	11.0	64	13.5	73	14.9
MV Unspecified	.	.	1	.	2	.	26	6.2	33	9.3	24	6.6	21	5.2	28	5.9	34	6.9
MV Other	2	.	5	1.2	7	1.6	17	4.0	4	.	5	1.4	3	.	8	1.7	5	1.0
Pedal cyclist, other	14	3.8	119	29.0	216	50.4	107	25.5	20	5.7	13	3.6	28	6.9	32	6.8	34	6.9
Pedestrian, other	7	1.9	8	1.9	5	1.2	4	.	2	.	6	1.6	9	2.2	4	.	10	2.0
Transport, other	12	3.3	41	10.0	134	31.3	176	41.9	155	43.9	139	38.2	105	25.8	112	23.7	97	19.8
Bites & Stings	50	13.7	58	14.1	47	11.0	40	9.5	20	5.7	42	11.5	41	10.1	60	12.7	50	10.2
Other natural/env'tl factors	17	4.7	10	2.4	12	2.8	10	2.4	8	2.3	16	4.4	13	3.2	26	5.5	26	5.3
Overexertion	8	2.2	6	1.5	33	7.7	92	21.9	78	22.1	72	19.8	87	21.4	116	24.6	135	27.5
Poisoning	178	48.8	32	7.8	82	19.1	508	120.9	556	157.4	436	119.9	539	132.3	704	149.0	699	142.4
Struck by, Against	59	16.2	108	26.3	277	64.6	536	127.5	384	108.7	282	77.5	316	77.6	353	74.7	343	69.9
Suffocation	27	7.4	10	2.4	10	2.3	16	3.8	16	4.5	10	2.7	15	3.7	20	4.2	21	4.3
Other specified/classifiable	161	44.1	90	21.9	112	26.1	154	36.6	144	40.8	177	48.7	235	57.7	266	56.3	289	58.9
Other specified, NEC	30	8.2	24	5.8	39	9.1	93	22.1	136	38.5	131	36.0	129	31.7	147	31.1	162	33.0
Unspecified	733	17.0	661	180.6	1,020	247.8	2,059	480.7	2,132	511.9	1,725	487.8	1,880	513.4	2,197	534.6	2,252	475.5

Source: PHC4.

* Per 100,000 population, 2000; totals exclude missing data.

- Rate not calculated.

. Empty cell.

Table 7 Cause of Hospitalization by Age Group (45-85+), Number and Rate, Males, Pennsylvania, 2000

	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	143	33.7	124	34.9	83	29.7	61	26.3	60	27.7	54	25.6	38	22.8	15	14.7	19	29.0
Drowning/Submersion	1	.	2	.	.	.	2	.	.	.	2	.	1	.	1	.	1	.
Fall	991	233.8	869	244.5	831	297.2	925	399.2	1,184	546.2	1,574	745.5	2,264	1,357.2	2,372	2,325.5	3,016	4,601.8
Fire/Flame	32	7.6	25	7.0	26	9.3	21	9.1	13	6.0	30	14.2	26	15.6	15	14.7	3	.
Hot Object/Scald	41	9.7	44	12.4	29	10.4	25	10.8	25	11.5	28	13.3	23	13.8	11	10.8	16	24.4
Firearm	58	13.7	34	9.6	20	7.2	20	8.6	10	4.6	11	5.2	9	5.4	3	.	12	18.3
Machinery	74	17.5	69	19.4	60	21.5	36	15.5	27	12.5	25	11.8	20	12.0	19	18.6	7	10.7
MV Occupant	351	82.8	340	95.7	222	79.4	197	85.0	206	95.0	215	101.8	198	118.7	186	182.4	137	209.0
MV Motorcyclist	97	22.9	65	18.3	50	17.9	24	10.4	13	6.0	6	2.8	2	.	.	.	2	.
MV Pedal Cyclist	14	3.3	6	1.7	3	.	2	.	2	.	3	.	1	.	2	.	2	.
MV Pedestrian	62	14.6	52	14.6	40	14.3	29	12.5	29	13.4	21	9.9	38	22.8	17	16.7	19	29.0
MV Unspecified	27	6.4	17	4.8	20	7.2	14	6.0	10	4.6	22	10.4	8	4.8	13	12.7	8	12.2
MV Other	5	1.2	5	1.4	4	.	5	2.2	2	.	1	.	4	.	.	.	1	.
Pedal cyclist, other	35	8.3	26	7.3	20	7.2	12	5.2	10	4.6	9	4.3	4	.	4	.	1	.
Pedestrian, other	7	1.7	2	.	3	.	5	2.2	5	2.3	2	.	3	.	1	.	3	.
Transport, other	72	17.0	54	15.2	40	14.3	25	10.8	36	16.6	23	10.9	23	13.8	30	29.4	15	22.9
Bites & Stings	55	13.0	38	10.7	36	12.9	33	14.2	26	12.0	31	14.7	21	12.6	18	17.6	7	10.7
Other natural/env'tl factors	27	6.4	31	8.7	26	9.3	21	9.1	25	11.5	30	14.2	35	21.0	36	35.3	24	36.6
Overexertion	117	27.6	111	31.2	78	27.9	80	34.5	77	35.5	73	34.6	70	42.0	42	41.2	33	50.4
Poisoning	558	131.7	364	102.4	200	71.5	168	72.5	114	52.6	116	54.9	137	82.1	91	89.2	60	91.5
Struck by, Against	228	53.8	183	51.5	110	39.3	79	34.1	60	27.7	60	28.4	49	29.4	40	39.2	44	67.1
Suffocation	21	5.0	24	6.8	26	9.3	22	9.5	33	15.2	42	19.9	63	37.8	70	68.6	61	93.1
Other specified/classifiable	270	63.7	205	57.7	161	57.6	118	50.9	131	60.4	157	74.4	170	101.9	138	135.3	102	155.6
Other specified, NEC	130	30.7	109	30.7	80	28.6	62	26.8	54	24.9	57	27.0	59	35.4	49	48.0	36	54.9
Unspecified	2,018	416.1	1,645	393.6	1,304	375.3	1,182	429.7	1,304	566.1	1,546	714.7	1,909	921.6	1,879	1,181.7	1,385	2,108.5

Source: PHC4.

* Per 100,000 population, 2000; totals exclude missing data.

- Rate not calculated.

. Empty cell.

Table 8 Cause of Hospitalization by Age Group (0-44), Number and Rate, Females, Pennsylvania, 2000

	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	31	8.9	19	4.9	59	14.4	142	35.2	100	28.6	96	25.5	105	24.9	132	27.6	107	21.3
Drowning/Submersion	11	3.2	4	.	2	.	.	.	.	.	1	.	1	.	1	.	1	.
Fall	314	90.5	247	63.3	216	52.8	178	44.1	171	48.9	223	59.1	286	67.8	432	90.2	561	111.6
Fire/Flame	21	6.1	9	2.3	8	2.0	11	2.7	14	4.0	19	5.0	24	5.7	14	2.9	22	4.4
Hot Object/Scald	106	30.5	10	2.6	12	2.9	14	3.5	15	4.3	16	4.2	20	4.7	26	5.4	31	6.2
Firearm	3	.	7	1.8	3	.	16	4.0	23	6.6	14	3.7	13	3.1	9	1.9	18	3.6
Machinery	6	1.7	2	.	1	.	1	.	2	.	5	1.3	6	1.4	14	2.9	11	2.2
MV Occupant	58	16.7	75	19.2	80	19.6	567	140.5	505	144.3	342	90.7	377	89.3	379	79.1	315	62.7
MV Motorcyclist	.	.	2	.	.	.	9	2.2	9	2.6	17	4.5	16	3.8	17	3.5	24	4.8
MV Pedal Cyclist	2	.	12	3.1	17	4.2	3	.	4	.	3	.	1	.	3	.	1	.
MV Pedestrian	27	7.8	64	16.4	55	13.5	53	13.1	36	10.3	18	4.8	31	7.3	45	9.4	40	8.0
MV Unspecified	.	.	.	.	1	.	13	3.2	27	7.7	13	3.4	20	4.7	17	3.5	25	5.0
MV Other	.	.	.	.	2	.	7	1.7	2	.	4	.	.	.	2	.	2	.
Pedal cyclist, other	8	2.3	59	15.1	56	13.7	10	2.5	7	2.0	3	.	10	2.4	7	1.5	13	2.6
Pedestrian, other	3	.	2	.	2	.	2	.	5	1.4	.	.	1	.	2	.	1	.
Transport, other	6	1.7	27	6.9	39	9.5	41	10.2	31	8.9	29	7.7	42	10.0	43	9.0	31	6.2
Bites & Stings	57	16.4	39	10.0	28	6.8	26	6.4	25	7.1	33	8.8	33	7.8	68	14.2	65	12.9
Other natural/env'tl factors	10	2.9	7	1.8	9	2.2	3	.	4	.	9	2.4	11	2.6	16	3.3	13	2.6
Overexertion	2	.	9	2.3	32	7.8	64	15.9	26	7.4	42	11.1	56	13.3	73	15.2	80	15.9
Poisoning	142	40.9	24	6.2	191	46.7	862	213.7	632	180.6	576	152.8	715	169.4	814	170.0	823	163.7
Struck by, Against	48	13.8	49	12.6	73	17.9	114	28.3	83	23.7	71	18.8	76	18.0	88	18.4	80	15.9
Suffocation	34	9.8	4	.	6	1.5	2	.	6	1.7	6	1.6	7	1.7	13	2.7	16	3.2
Other specified/classifiable	130	37.5	51	13.1	57	13.9	65	16.1	76	21.7	92	24.4	136	32.2	115	24.0	135	26.9
Other specified, NEC	36	10.4	10	2.6	21	5.1	50	12.4	51	14.6	43	11.4	56	13.3	66	13.8	69	13.7
Unspecified	579	166.7	379	97.1	510	124.7	1,226	303.8	986	281.7	915	242.5	1,126	266.7	1,331	277.9	1,407	279.8

Source: PHC4.

* Per 100,000 population, 2000; totals exclude missing data.

- Rate not calculated.

. Empty cell.

Table 9 Cause of Hospitalization by Age Group (45-85+), Number and Rate, Females, Pennsylvania, 2000

	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	69	15.4	51	13.2	28	9.0	21	7.9	21	7.9	27	9.7	18	7.3	20	11.1	18	10.8
Drowning/Submersion	.	.	.	.	.	.	.	.	1	.	2	.	1	.	.	.	.	.
Fall	650	144.6	841	217.8	939	301.7	1,200	453.7	1,741	652.8	3,179	1,147.9	5,180	2,100.3	6,647	3,700.1	10,753	6,448.4
Fire/Flame	11	2.4	27	7.0	15	4.8	15	5.7	15	5.6	18	6.5	15	6.1	6	3.3	15	9.0
Hot Object/Scald	24	5.3	25	6.5	13	4.2	13	4.9	17	6.4	20	7.2	31	12.6	23	12.8	35	21.0
Firearm	6	1.3	2	.	1	.	1	.	4	.	.	.	3	.	2	.	4	.
Machinery	7	1.6	4	.	8	2.6	2	.	4	.	2	.	3	.	3	.	4	.
MV Occupant	297	66.1	253	65.5	219	70.4	203	76.7	223	83.6	287	103.6	324	131.4	234	130.3	135	81.0
MV Motorcyclist	16	3.6	11	2.8	6	1.9	4	.	1	.	.	.	1	.	.	.	.	.
MV Pedal Cyclist	3	.	2	.	1	.	.	.	.	.	.	.	.	.	1	.	.	.
MV Pedestrian	29	6.5	23	6.0	23	7.4	24	9.1	35	13.1	26	9.4	44	17.8	42	23.4	21	12.6
MV Unspecified	21	4.7	16	4.1	22	7.1	22	8.3	16	6.0	16	5.8	26	10.5	17	9.5	13	7.8
MV Other	5	1.1	1	.	3	.	.	.	1	.	.	.	2	.	1	.	2	.
Pedal cyclist, other	7	1.6	10	2.6	7	2.2	2	.	2	.	2	.	1	.	2	.	3	.
Pedestrian, other	1	.	5	1.3	3	.	.	.	4	.	5	1.8	3	.	3	.	3	.
Transport, other	41	9.1	28	7.3	21	6.7	14	5.3	13	4.9	22	7.9	30	12.2	27	15.0	19	11.4
Bites & Stings	49	10.9	66	17.1	47	15.1	39	14.7	50	18.7	46	16.6	47	19.1	37	20.6	22	13.2
Other natural/env'tl factors	22	4.9	20	5.2	11	3.5	11	4.2	5	1.9	26	9.4	31	12.6	32	17.8	56	33.6
Overexertion	63	14.0	82	21.2	77	24.7	75	28.4	95	35.6	134	48.4	126	51.1	127	70.7	130	78.0
Poisoning	611	135.9	417	108.0	220	70.7	183	69.2	157	58.9	205	74.0	152	61.6	167	93.0	148	88.8
Struck by, Against	43	9.6	30	7.8	39	12.5	38	14.4	43	16.1	51	18.4	79	32.0	89	49.5	117	70.2
Suffocation	9	2.0	12	3.1	21	6.7	20	7.6	25	9.4	49	17.7	55	22.3	68	37.9	92	55.2
Other specified/classifiable	116	25.8	108	28.0	95	30.5	99	37.4	137	51.4	158	57.1	207	83.9	198	110.2	235	140.9
Other specified, NEC	53	11.8	36	9.3	27	8.7	30	11.3	37	13.9	46	16.6	60	24.3	54	30.1	57	34.2
Unspecified	1,254	278.9	1,210	313.4	1,101	353.7	1,203	454.8	1,579	591.8	2,504	904.0	3,706	1,502.4	4,429	2,465.5	6,760	4,053.9

Source: PHC4.

* Per 100,000 population, 2000, totals exclude missing data.

- Rate not calculated.

. Empty cell.

Table 10 Cause of Hospitalization by Age Group (0-44), Number and Rate, White Race, Pennsylvania, 2000

	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	52	9.1	37	5.7	79	11.5	226	32.9	234	40.2	215	34.9	205	29.2	259	31.6	208	24.0
Drowning/Submersion	17	3.0	9	1.4	3	.	3	.	1	.	2	.	2	.	.	.	2	.
Fall	456	80.0	423	65.7	483	70.1	413	60.2	369	63.4	386	62.7	587	83.8	781	95.4	1,004	115.7
Fire/Flame	16	2.8	24	3.7	29	4.2	43	6.3	43	7.4	35	5.7	40	5.7	51	6.2	56	6.5
Hot Object/Scald	102	17.9	14	2.2	14	2.0	30	4.4	32	5.5	30	4.9	48	6.8	47	5.7	67	7.7
Firearm	2	.	6	.9	13	1.9	40	5.8	62	10.7	51	8.3	44	6.3	43	5.3	36	4.1
Machinery	18	3.2	9	1.4	14	2.0	23	3.4	50	8.6	47	7.6	54	7.7	73	8.9	81	9.3
MV Occupant	69	12.1	126	19.6	139	20.2	1,126	164.0	1,028	176.6	677	109.9	568	81.0	628	76.7	537	61.9
MV Motorcyclist	1	.	4	.	14	2.0	57	8.3	106	18.2	98	15.9	105	15.0	124	15.1	132	15.2
MV Pedal Cyclist	3	.	31	4.8	52	7.5	15	2.2	9	1.5	8	1.3	9	1.3	9	1.1	11	1.3
MV Pedestrian	26	4.6	75	11.6	88	12.8	66	9.6	51	8.8	39	6.3	42	6.0	57	7.0	56	6.5
MV Unspecified	.	.	1	.	2	.	33	4.8	41	7.0	27	4.4	32	4.6	35	4.3	46	5.3
MV Other	.	.	4	.	6	.9	16	2.3	4	.	5	.8	3	.	5	.6	4	.
Pedal cyclist, other	15	2.6	127	19.7	203	29.5	94	13.7	20	3.4	12	1.9	28	4.0	29	3.5	36	4.1
Pedestrian, other	5	.9	6	.9	5	.7	6	.9	5	.9	5	.8	6	.9	4	.	8	.9
Transport, other	11	1.9	58	9.0	151	21.9	186	27.1	157	27.0	153	24.8	129	18.4	132	16.1	106	12.2
Bites & Stings	71	12.5	65	10.1	51	7.4	43	6.3	34	5.8	58	9.4	55	7.8	106	12.9	90	10.4
Other natural/env'tl factors	17	3.0	11	1.7	15	2.2	11	1.6	8	1.4	20	3.2	16	2.3	23	2.8	27	3.1
Overexertion	7	1.2	10	1.6	46	6.7	129	18.8	79	13.6	80	13.0	103	14.7	140	17.1	164	18.9
Poisoning	178	31.2	25	3.9	199	28.9	1,031	150.2	872	149.8	727	118.0	877	125.1	1,085	132.5	1,030	118.7
Struck by, Against	61	10.7	105	16.3	236	34.3	428	62.4	297	51.0	195	31.7	223	31.8	239	29.2	236	27.2
Suffocation	43	7.5	8	1.2	12	1.7	12	1.7	16	2.7	13	2.1	17	2.4	26	3.2	25	2.9
Other specified/classifiable	153	26.9	91	14.1	123	17.9	154	22.4	148	25.4	183	29.7	254	36.2	272	33.2	323	37.2
Other specified, NEC	37	6.5	21	3.3	38	5.5	82	11.9	84	14.4	78	12.7	112	16.0	109	13.3	119	13.7
Unspecified	754	132.3	670	104.0	1,070	155.2	2,320	337.9	2,049	352.0	1,714	278.2	1,968	280.7	2,401	293.1	2,472	285.0

Source: PHC4.

* Per 100,000 population, 2000; totals exclude missing data.

- Rate not calculated.

. Empty cell.

Table 11 Cause of Hospitalization by Age Group (45-85+), Number and Rate, White Race, Pennsylvania, 2000

	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	144	18.7	122	18.5	83	15.7	65	14.6	64	14.7	62	13.8	43	11.2	30	11.4	26	12.0
Drowning/Submersion	1	.	1	.	.	.	2	.	1	.	3	.	2	.	1	.	1	.
Fall	1,205	156.5	1,277	193.4	1,385	262.2	1,692	380.0	2,384	546.1	3,949	879.4	6,301	1,642.6	7,670	2,905.0	11,890	5,508.5
Fire/Flame	31	4.0	36	5.5	28	5.3	25	5.6	20	4.6	35	7.8	29	7.6	10	3.8	14	6.5
Hot Object/Scald	46	6.0	44	6.7	28	5.3	27	6.1	31	7.1	38	8.5	41	10.7	30	11.4	40	18.5
Firearm	28	3.6	16	2.4	9	1.7	12	2.7	8	1.8	9	2.0	9	2.3	4	.	8	3.7
Machinery	63	8.2	59	8.9	51	9.7	30	6.7	28	6.4	24	5.3	20	5.2	20	7.6	9	4.2
MV Occupant	468	60.8	435	65.9	322	61.0	284	63.8	320	73.3	405	90.2	445	116.0	350	132.6	223	103.3
MV Motorcyclist	90	11.7	61	9.2	46	8.7	24	5.4	14	3.2	5	1.1	3	.	.	.	1	.
MV Pedal Cyclist	10	1.3	7	1.1	2	.	2	.	.	.	2	.	1	.	2	.	1	.
MV Pedestrian	45	5.8	42	6.4	38	7.2	30	6.7	50	11.5	41	9.1	61	15.9	50	18.9	37	17.1
MV Unspecified	41	5.3	23	3.5	30	5.7	26	5.8	17	3.9	34	7.6	32	8.3	25	9.5	18	8.3
MV Other	6	.8	4	.	6	1.1	2	.	1	.	1	.	5	1.3	1	.	2	.
Pedal cyclist, other	26	3.4	28	4.2	19	3.6	13	2.9	8	1.8	10	2.2	5	1.3	6	2.3	3	.
Pedestrian, other	8	1.0	5	.8	4	.	3	.	8	1.8	6	1.3	5	1.3	4	.	5	2.3
Transport, other	97	12.6	67	10.1	53	10.0	33	7.4	43	9.8	36	8.0	44	11.5	50	18.9	29	13.4
Bites & Stings	86	11.2	82	12.4	69	13.1	60	13.5	62	14.2	64	14.3	62	16.2	45	17.0	28	13.0
Other natural/env'tl factors	32	4.2	32	4.8	17	3.2	18	4.0	17	3.9	38	8.5	49	12.8	52	19.7	57	26.4
Overexertion	147	19.1	152	23.0	126	23.9	132	29.6	149	34.1	177	39.4	173	45.1	151	57.2	140	64.9
Poisoning	811	105.3	553	83.7	308	58.3	242	54.4	212	48.6	237	52.8	238	62.0	206	78.0	161	74.6
Struck by, Against	156	20.3	142	21.5	94	17.8	87	19.5	80	18.3	85	18.9	105	27.4	103	39.0	126	58.4
Suffocation	22	2.9	28	4.2	38	7.2	28	6.3	49	11.2	77	17.1	103	26.9	117	44.3	140	64.9
Other specified/classifiable	281	36.5	236	35.7	182	34.5	152	34.1	189	43.3	254	56.6	320	83.4	291	110.2	284	131.6
Other specified, NEC	113	14.7	94	14.2	73	13.8	63	14.1	61	14.0	81	18.0	83	21.6	82	31.1	68	31.5
Unspecified	2,312	300.2	2,085	315.7	1,821	344.7	1,839	413.0	2,299	526.6	3,320	739.2	4,725	1,231.6	5,350	2,026.3	7,572	3,507.8

Source: PHC4.

* Per 100,000 population, 2000; totals exclude missing data.

- Rate not calculated.

. Empty cell.

Table 12 Cause of Hospitalization by Age Group (0-44), Number and Rate, Black Race, Pennsylvania, 2000

	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	11	12.6	12	11.5	21	20.9	45	49.8	68	88.0	59	74.1	69	83.5	65	73.3	77	88.1
Drowning/Submersion	8	9.2	4	.	4	.	1	.	1	.	1	.	.	.	.	.	2	.
Fall	155	177.8	114	109.0	97	96.5	69	76.3	68	88.0	85	106.8	102	123.4	146	164.7	202	231.1
Fire/Flame	12	13.8	5	4.8	4	.	5	5.5	4	.	11	13.8	12	14.5	12	13.5	8	9.2
Hot Object/Scald	75	86.0	11	10.5	8	8.0	6	6.6	7	9.1	6	7.5	14	16.9	13	14.7	20	22.9
Firearm	7	8.0	5	4.8	17	16.9	169	186.9	242	313.1	143	179.6	94	113.7	53	59.8	45	51.5
Machinery	.	.	.	.	3	.	1	.	5	6.5	4	.	6	7.3	11	12.4	8	9.2
MV Occupant	22	25.2	17	16.3	22	21.9	86	95.1	142	183.7	103	129.4	131	158.5	127	143.3	85	97.2
MV Motorcyclist	.	.	.	.	1	.	15	16.6	19	24.6	13	16.3	23	27.8	9	10.2	7	8.0
MV Pedal Cyclist	.	.	21	20.1	34	33.8	13	14.4	1	.	2	.	5	6.0	2	.	7	8.0
MV Pedestrian	34	39.0	97	92.8	52	51.8	35	38.7	21	27.2	19	23.9	19	23.0	31	35.0	35	40.0
MV Unspecified	.	.	.	.	1	.	1	.	8	10.4	4	.	1	.	3	.	3	.
MV Other	2	.	1	.	2	.	3	.	1	.	2	.	.	.	2	.	.	.
Pedal cyclist, other	3	.	28	26.8	35	34.8	9	10.0	2	.	2	.	4	.	1	.	6	6.9
Pedestrian, other	5	5.7	1	.	2	.	.	.	1	.	.	.	.	.	.	.	.	.
Transport, other	.	.	1	.	5	5.0	4	.	7	9.1	2	.	2	.	3	.	5	5.7
Bites & Stings	19	21.8	16	15.3	14	13.9	13	14.4	2	.	7	8.8	8	9.7	8	9.0	5	5.7
Other natural/env'tl factors	5	5.7	3	.	.	.	1	.	2	.	3	.	6	7.3	13	14.7	5	5.7
Overexertion	2	.	2	.	10	10.0	13	14.4	7	9.1	14	17.6	15	18.1	27	30.5	26	29.7
Poisoning	89	102.1	20	19.1	34	33.8	118	130.5	128	165.6	117	147.0	195	235.9	226	255.0	297	339.7
Struck by, Against	31	35.6	34	32.5	73	72.7	115	127.2	92	119.0	80	100.5	90	108.9	132	148.9	111	127.0
Suffocation	7	8.0	1	.	2	.	3	.	1	.	1	.	1	.	5	5.6	4	.
Other specified/classifiable	83	95.2	34	32.5	26	25.9	29	32.1	26	33.6	42	52.8	52	62.9	37	41.7	47	53.8
Other specified, NEC	15	17.2	8	7.7	7	7.0	34	37.6	62	80.2	60	75.4	44	53.2	55	62.1	67	76.6
Unspecified	316	362.0	225	214.7	253	251.8	428	473.5	509	658.0	440	552.7	512	618.9	575	648.2	639	731.0

Source: PHC4.

* Per 100,000 population, 2000; totals exclude missing data.

- Rate not calculated.

. Empty cell.

Table 13 Cause of Hospitalization by Age Group (45-85+), Number and Rate, Black Race, Pennsylvania, 2000

	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	43	59.6	30	53.0	12	26.7	7	18.5	6	16.3	9	28.6	3	.	1	.	3	.
Drowning/Submersion	.	.	1	.	.	.	.	.	.	.	1	.	.	.	.	.	.	.
Fall	193	267.5	193	341.1	165	367.4	165	437.1	203	551.5	248	787.3	284	1,158.1	298	2,056.7	385	2,884.8
Fire/Flame	11	15.2	10	17.7	6	13.4	5	13.2	4	.	7	22.2	5	20.4	6	41.4	2	.
Hot Object/Scald	14	19.4	16	28.3	11	24.5	9	23.8	7	19.0	6	19.0	4	.	2	.	5	37.5
Firearm	24	33.3	10	17.7	8	17.8	5	13.2	2	.	.	.	1	.	1	.	2	.
Machinery	4	.	2	.	2	.	4	.	.	.	.	.	1	.	.	.	.	.
MV Occupant	79	109.5	73	129.0	33	73.5	43	113.9	39	105.9	23	73.0	14	57.1	15	103.5	8	59.9
MV Motorcyclist	8	11.1	2	.	.	.	1	.	.	.	.	.	.	.	.	.	.	.
MV Pedal Cyclist	5	6.9	.	.	.	.	.	.	2	.	.	.	.	.	.	.	.	.
MV Pedestrian	31	43.0	12	21.2	9	20.0	17	45.0	5	13.6	3	.	7	28.5	3	.	1	.
MV Unspecified	4	.	3	.	6	13.4	4	.	3	.	.	.	.	.	2	.	.	.
MV Other	1	.	1	.	1	.	.	.	.	.	.	.	.	.	.	.	.	.
Pedal cyclist, other	7	9.7	2	.	2	.	.	.	.	.	.	.	.	.	.	.	.	.
Pedestrian, other	.	.	1	.	1	.	.	.	.	.	.	.	.	.	.	.	.	.
Transport, other	3	.	2	.	1	.	1	.	.	.	2	.	4	.	1	.	3	.
Bites & Stings	7	9.7	8	14.1	7	15.6	4	.	3	.	3	.	1	.	2	.	.	.
Other natural/env'tl factors	11	15.2	11	19.4	12	26.7	8	21.2	5	13.6	8	25.4	10	40.8	9	62.1	16	119.9
Overexertion	15	20.8	14	24.7	9	20.0	7	18.5	4	.	7	22.2	3	.	4	.	2	.
Poisoning	203	281.3	138	243.9	69	153.7	63	166.9	38	103.2	42	133.3	23	93.8	26	179.4	19	142.4
Struck by, Against	70	97.0	42	74.2	34	75.7	13	34.4	8	21.7	8	25.4	9	36.7	4	.	12	89.9
Suffocation	3	.	5	8.8	4	.	8	21.2	4	.	4	.	6	24.5	8	55.2	4	.
Other specified/classifiable	29	40.2	27	47.7	35	77.9	26	68.9	30	81.5	22	69.8	13	53.0	12	82.8	16	119.9
Other specified, NEC	41	56.8	32	56.5	20	44.5	13	34.4	10	27.2	6	19.0	15	61.2	6	41.4	8	59.9
Unspecified	488	676.3	377	665.3	270	600.2	241	637.1	229	620.7	243	769.8	251	1,021.5	244	1,684.0	301	2,255.4

Source: PHC4.

* Per 100,000 population, 2000; totals exclude missing data.

- Rate not calculated.

. Empty cell.

Table 14 Cause of Hospitalization by Intent, Number and Rate of Hospital Discharges, Pennsylvania, 2000

	Intent										Table Total	
	Unintentional		Self-Inflicted		Assault		Undetermined		Other		Number	Rate*
	Number	Rate*	Number	Rate*	Number	Rate*	Number	Rate*	Number	Rate*		
Cut/Pierce	1,612	13.4	1,035	8.6	554	4.6	27	.2	.	.	3,228	6.7
Drowning/Submersion	80	.7	3	.	.	.	4	.	.	.	87.00	.7
Fall	52,098	434.4	64	.5	18	.2	41	.3	.	.	52,221	108.8
Fire/Flame	742	6.2	32	.3	.	.	22	.2	.	.	796.00	2.2
Hot Object/Scald	1,070	8.9	1	.	11	.1	8	.1	.	.	1,090	3.0
Firearm	330	2.8	124	1.0	1,083	9.0	83	.7	22	.2	1,642	2.7
Machinery	871	7.3	.	.	.	.	.	.	.	.	871.00	7.3
MV Occupant	10,983	91.6	.	.	13	.1	.	.	.	.	10,996	45.8
MV Motorcyclist	1,154	9.6	.	.	.	.	.	.	.	.	1,154	9.6
MV Pedal Cyclist	338	2.8	.	.	.	.	.	.	.	.	338.00	2.8
MV Pedestrian	1,598	13.3	.	.	.	.	.	.	.	.	1,598	13.3
MV Unspecified	593	4.9	.	.	.	.	.	.	.	.	593.00	4.9
MV Other	100	.8	14	.1	.	.	3	.	.	.	117.00	.5
Pedal cyclist, other	913	7.6	.	.	.	.	.	.	.	.	913.00	7.6
Pedestrian, other	131	1.1	.	.	.	.	.	.	.	.	131.00	1.1
Transport, other	1,793	14.9	.	.	.	.	.	.	.	.	1,793	14.9
Bites & Stings	1,450	12.1	.	.	.	.	.	.	.	.	1,450	12.1
Other natural/env'tl factors	678	5.7	3	.	.	.	8	.1	.	.	689.00	2.9
Overexertion	2,602	21.7	.	.	.	.	.	.	.	.	2,602	21.7
Poisoning	4,332	36.1	6,777	56.5	10	.1	1,462	12.2	.	.	12,581	26.2
Struck by, Against	2,901	24.2	.	.	1,789	14.9	.	.	34	.3	4,724	13.1
Suffocation	849	7.1	97	.8	6	.1	.	.	.	.	952.00	2.6
Other specified and classifiable	4,941	41.2	32	.3	282	2.4	2	.	33	.3	5,290	11.0
Other specified, NEC	1,363	11.4	164	1.4	570	4.8	225	1.9	7	.1	2,329	3.9
Unspecified	7,065	58.9	71	.6	449	3.7	43	.4	5	.0	7,633	12.7

Source: PHC4.

* Per 100,000 population, 2000; totals exclude missing data.

. Rate not calculated for < 5 observations.

Table 15 Hospital Discharges for Spinal Cord Injuries by Age Group and Gender, Number and Rate, Pennsylvania, 2000

	Gender					
	Male		Female		Total	
	Number	Rate**	Number	Rate**	Number	Rate**
Under 5	1	.	1	.	2	.
5-9	6	1.5	1	.	7	.9
10-14	13	3.0	6	1.5	19	2.3
15-19	41	9.8	10	2.5	51	6.2
20-24	33	9.3	9	2.6	42	6.0
25-29	25	6.9	5	1.3	30	4.0
30-34	21	5.2	12	2.8	33	4.0
35-39	31	6.6	3	.	34	3.6
40-44	23	4.7	9	1.8	32	3.2
45-49	45	10.6	9	2.0	54	6.2
50-54	20	5.6	4	.	24	3.2
55-59	13	4.6	3	.	16	2.7
60-64	23	9.9	9	3.4	32	6.4
65-69	20	9.2	12	4.5	32	6.6
70-74	20	9.5	10	3.6	30	6.1
75-79	14	8.4	15	6.1	29	7.0
80-84	12	11.8	10	5.6	22	7.8
85+	16	24.4	7	4.2	23	9.9
All Ages	377	6.5	135	2.2	512	4.3

Source: PHC4.

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

** Per 100,000 population, 2000; totals exclude missing data.

. Rate not calculated for <5 observations.

Table 16 Hospital Discharges for Head Injuries by Age Group and Gender, Number and Rate, Pennsylvania, 2000

	Gender					
	Male		Female		Total	
	Number	Rate**	Number	Rate**	Number	Rate**
Under 5	349	95.6	253	72.9	602	84.5
5-9	307	74.7	132	33.8	439	54.8
10-14	457	106.6	175	42.8	632	75.5
15-19	991	235.8	438	108.6	1,429	173.5
20-24	912	258.2	318	90.9	1,230	174.9
25-29	629	172.9	222	58.9	851	114.9
30-34	585	143.6	231	54.7	816	98.4
35-39	656	138.8	261	54.5	917	96.4
40-44	637	129.8	267	53.1	904	91.0
45-49	515	121.5	206	45.8	721	82.6
50-54	466	131.1	195	50.5	661	89.1
55-59	320	114.4	169	54.3	489	82.8
60-64	286	123.4	186	70.3	472	95.1
65-69	313	144.4	209	78.4	522	108.0
70-74	361	171.0	346	124.9	707	144.9
75-79	465	278.7	554	224.6	1,019	246.5
80-84	431	422.6	622	346.2	1,053	373.9
85+	429	654.6	946	567.3	1,375	591.9
All Ages	9,109	158.0	5,730	92.0	14,839	123.7

Source: PHC4.

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

** Per 100,000 population, 2000; totals exclude missing data.

. Rate not calculated for <5 observations.

Table 17 Hospital Discharges for Hip Fractures by Age Group and Gender, Number and Rate, Pennsylvania, 2000

	Gender					
	Male		Female		Total	
	Number	Rate**	Number	Rate**	Number	Rate**
Under 5	12	3.3	6	1.7	18	2.5
5-9	14	3.4	2	.	16	2.0
10-14	28	6.5	17	4.2	45	5.4
15-19	20	4.8	8	2.0	28	3.4
20-24	26	7.4	6	1.7	32	4.6
25-29	23	6.3	8	2.1	31	4.2
30-34	31	7.6	15	3.6	46	5.5
35-39	38	8.0	20	4.2	58	6.1
40-44	53	10.8	34	6.8	87	8.8
45-49	91	21.5	59	13.1	150	17.2
50-54	90	25.3	90	23.3	180	24.3
55-59	100	35.8	154	49.5	254	43.0
60-64	148	63.9	239	90.4	387	78.0
65-69	217	100.1	437	163.9	654	135.3
70-74	370	175.3	959	346.3	1,329	272.3
75-79	693	415.4	1,866	756.6	2,559	618.9
80-84	819	803.0	2,771	1,542.5	3,590	1,274.7
85+	1,186	1,809.6	4,858	2,913.3	6,044	2,601.9
All Ages	3,959	68.7	11,549	185.4	15,508	129.3

Source: PHC4.

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

** Per 100,000 population, 2000; totals exclude missing data.

. Rate not calculated for <5 observations.

Table 18 Hospital Discharges for Falls by Age Group and Gender, Number and Rate, Pennsylvania, 2000

	Gender					
	Male		Female		Total	
	Number	Rate**	Number	Rate**	Number	Rate**
Under 5	455	124.7	314	90.5	769	108.0
5-9	381	92.7	247	63.3	628	78.4
10-14	449	104.7	216	52.8	665	79.4
15-19	389	92.6	178	44.1	567	68.8
20-24	351	99.4	171	48.9	522	74.2
25-29	376	103.4	223	59.1	599	80.9
30-34	521	127.9	286	67.8	807	97.3
35-39	670	141.8	432	90.2	1,102	115.8
40-44	845	172.1	561	111.6	1,406	141.5
45-49	991	233.8	650	144.6	1,641	187.9
50-54	869	244.5	841	217.8	1,710	230.6
55-59	831	297.2	939	301.7	1,770	299.6
60-64	925	399.2	1,200	453.7	2,125	428.2
65-69	1,184	546.2	1,741	652.8	2,925	605.0
70-74	1,574	745.5	3,179	1,147.9	4,753	973.9
75-79	2,264	1,357.2	5,180	2,100.3	7,444	1,800.5
80-84	2,372	2,325.5	6,647	3,700.1	9,019	3,202.3
85+	3,016	4,601.8	10,753	6,448.4	13,769	5,927.4
All Ages	18,463	320.2	33,758	542.0	52,221	435.4

Source: PHC4.

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

** Per 100,000 population, 2000; totals exclude missing data.

. Rate not calculated for <5 observations.

Table 19 Hospital Discharges for Bicycle Injuries by Age Group and Gender, Number and Rate, Pennsylvania, 2000

	Gender					
	Male		Female		Total	
	Number	Rate**	Number	Rate**	Number	Rate**
Under 5	16	4.4	10	2.9	26	3.7
5-9	170	41.4	71	18.2	241	30.1
10-14	305	71.1	73	17.9	378	45.1
15-19	141	33.5	13	3.2	154	18.7
20-24	33	9.3	11	3.1	44	6.3
25-29	24	6.6	6	1.6	30	4.0
30-34	44	10.8	11	2.6	55	6.6
35-39	42	8.9	10	2.1	52	5.5
40-44	58	11.8	14	2.8	72	7.2
45-49	49	11.6	10	2.2	59	6.8
50-54	32	9.0	12	3.1	44	5.9
55-59	23	8.2	8	2.6	31	5.2
60-64	14	6.0	2	.	16	3.2
65-69	12	5.5	2	.	14	2.9
70-74	12	5.7	2	.	14	2.9
75-79	5	3.0	1	.	6	1.5
80-84	6	5.9	3	.	9	3.2
85+	3	.	3	.	6	2.6
All Ages	989	17.2	262	4.2	1,251	10.4

Source: PHC4.

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

** Per 100,000 population, 2000; totals exclude missing data.

. Rate not calculated for <5 observations.

Table 20 Hospital Discharges for Poisonings by Age Group and Gender, Number and Rate, Pennsylvania, 2000

	Gender					
	Male		Female		Total	
	Number	Rate**	Number	Rate**	Number	Rate**
Under 5	178	48.8	142	40.9	320	44.9
5-9	32	7.8	24	6.2	56	7.0
10-14	82	19.1	191	46.7	273	32.6
15-19	508	120.9	862	213.7	1,370	166.3
20-24	556	157.4	632	180.6	1,188	169.0
25-29	436	119.9	576	152.8	1,012	136.6
30-34	539	132.3	715	169.4	1,254	151.2
35-39	704	149.0	814	170.0	1,518	159.6
40-44	699	142.4	823	163.7	1,522	153.2
45-49	558	131.7	611	135.9	1,169	133.9
50-54	364	102.4	417	108.0	781	105.3
55-59	200	71.5	220	70.7	420	71.1
60-64	168	72.5	183	69.2	351	70.7
65-69	114	52.6	157	58.9	271	56.1
70-74	116	54.9	205	74.0	321	65.8
75-79	137	82.1	152	61.6	289	69.9
80-84	91	89.2	167	93.0	258	91.6
85+	60	91.5	148	88.8	208	89.5
All Ages	5,542	96.1	7,039	113.0	12,581	104.9

Source: PHC4.

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

** Per 100,000 population, 2000; totals exclude missing data.

. Rate not calculated for <5 observations.

Table 21 Hospital Discharges for Fire & Burn Injuries by Age Group and Gender, Number and Rate, Pennsylvania, 2000

	Gender					
	Male		Female		Total	
	Number	Rate**	Number	Rate**	Number	Rate**
Under 5	128	35.1	126	36.3	254	35.7
5-9	40	9.7	19	4.9	59	7.4
10-14	47	11.0	20	4.9	67	8.0
15-19	65	15.5	25	6.2	90	10.9
20-24	75	21.2	29	8.3	104	14.8
25-29	65	17.9	35	9.3	100	13.5
30-34	92	22.6	44	10.4	136	16.4
35-39	100	21.2	39	8.1	139	14.6
40-44	110	22.4	52	10.3	162	16.3
45-49	73	17.2	35	7.8	108	12.4
50-54	69	19.4	52	13.5	121	16.3
55-59	55	19.7	28	9.0	83	14.0
60-64	46	19.9	28	10.6	74	14.9
65-69	38	17.5	32	12.0	70	14.5
70-74	58	27.5	38	13.7	96	19.7
75-79	49	29.4	47	19.1	96	23.2
80-84	26	25.5	29	16.1	55	19.5
85+	19	29.0	50	30.0	69	29.7
All Ages	1,155	20.0	728	11.7	1,883	15.7

Source: PHC4.

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

** Per 100,000 population, 2000; totals exclude missing data.

. Rate not calculated for <5 observations.

Table 22 Hospital Discharges for Firearm Injuries by Age Group and Gender, Number and Rate, Pennsylvania, 2000

	Gender					
	Male		Female		Total	
	Number	Rate**	Number	Rate**	Number	Rate**
Under 5	11	3.0	3	.	14	2.0
5-9	3	.	5	1.3	8	1.0
10-14	25	5.8	3	.	28	3.3
15-19	266	63.3	16	4.0	282	34.2
20-24	398	112.7	23	6.6	421	59.9
25-29	251	69.0	13	3.4	264	35.6
30-34	167	41.0	12	2.8	179	21.6
35-39	112	23.7	9	1.9	121	12.7
40-44	81	16.5	18	3.6	99	10.0
45-49	58	13.7	6	1.3	64	7.3
50-54	34	9.6	2	.	36	4.9
55-59	20	7.2	1	.	21	3.6
60-64	20	8.6	1	.	21	4.2
65-69	10	4.6	4	.	14	2.9
70-74	11	5.2	0	.	11	2.3
75-79	9	5.4	3	.	12	2.9
80-84	3	.	2	.	5	1.8
85+	12	18.3	4	.	16	6.9
All Ages	1,491	25.9	125	2.0	1,616	13.5

Source: PHC4.

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

** Per 100,000 population, 2000; totals exclude missing data.

. Rate not calculated for <5 observations.

Table 23 Hospital Discharges for Firearm Injuries by Age Group and Gender, Number and Rate, White Race, Pennsylvania, 2000

	Gender					
	Male		Female		Total	
	Number	Rate**	Number	Rate**	Number	Rate**
Under 5	1	.	1	.	2	.
5-9	1	.	1	.	2	.
10-14	10	2.8	2	.	12	1.7
15-19	33	9.4	3	.	36	5.2
20-24	57	19.4	5	1.7	62	10.7
25-29	43	14.1	6	1.9	49	8.0
30-34	40	11.6	3	.	43	6.1
35-39	36	8.8	6	1.5	42	5.1
40-44	26	6.0	10	2.3	36	4.1
45-49	23	6.1	5	1.3	28	3.6
50-54	15	4.7	1	.	16	2.4
55-59	8	3.2	1	.	9	1.7
60-64	12	5.7	0	.	12	2.7
65-69	4	.	4	.	8	1.8
70-74	9	4.6	0	.	9	2.0
75-79	7	4.5	2	.	9	2.3
80-84	3	.	1	.	4	.
85+	4	.	4	.	8	3.7
All Ages	332	6.7	55	1.0	387	3.7

Source: PHC4.

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

** Per 100,000 population, 2000; totals exclude missing data.

. Rate not calculated for <5 observations.

Table 24 Hospital Discharges for Firearm Injuries by Age Group and Gender, Number and Rate, Black Race, Pennsylvania, 2000

	Gender					
	Male		Female		Total	
	Number	Rate**	Number	Rate**	Number	Rate**
Under 5	6	13.6	1	.	7	8.0
5-9	2	.	2	.	4	.
10-14	15	29.5	1	.	16	15.9
15-19	157	338.6	11	25.0	168	185.8
20-24	231	612.9	11	27.8	242	313.1
25-29	139	368.8	4	.	143	179.6
30-34	89	224.3	5	11.6	94	113.7
35-39	49	116.3	3	.	52	58.7
40-44	39	95.5	6	12.9	45	51.5
45-49	23	71.9	1	.	24	33.3
50-54	10	40.9	0	.	10	17.7
55-59	8	42.8	0	.	8	17.8
60-64	4	.	1	.	5	13.2
65-69	2	.	0	.	2	.
70-74	0	.	0	.	0	.
75-79	1	.	0	.	1	.
80-84	0	.	1	.	1	.
85+	2	.	0	.	2	.
All Ages	777	146.9	47	7.8	824	72.9

Source: PHC4.

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

** Per 100,000 population, 2000; totals exclude missing data.

. Rate not calculated for <5 observations.

Table 25 Hospital Discharges for Assaults by Age Group and Gender, Number and Rate, Pennsylvania, 2000

	Gender					
	Male		Female		Total	
	Number	Rate**	Number	Rate**	Number	Rate**
Under 5	90	24.7	71	20.5	161	22.6
5-9	27	6.6	11	2.8	38	4.7
10-14	68	15.9	26	6.4	94	11.2
15-19	511	121.6	91	22.6	602	73.1
20-24	721	204.2	109	31.1	830	118.0
25-29	496	136.4	112	29.7	608	82.1
30-34	446	109.5	115	27.2	561	67.6
35-39	453	95.9	117	24.4	570	59.9
40-44	402	81.9	113	22.5	515	51.8
45-49	263	62.1	57	12.7	320	36.6
50-54	145	40.8	28	7.3	173	23.3
55-59	81	29.0	15	4.8	96	16.2
60-64	43	18.6	13	4.9	56	11.3
65-69	24	11.1	13	4.9	37	7.7
70-74	13	6.2	12	4.3	25	5.1
75-79	14	8.4	13	5.3	27	6.5
80-84	10	9.8	23	12.8	33	11.7
85+	23	35.1	16	9.6	39	16.8
All Ages	3,830	66.4	955	15.3	4,785	39.9

Source: PHC4.

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

** Per 100,000 population, 2000; totals exclude missing data.

. Rate not calculated for <5 observations.

Table 26 Hospital Discharges for Assaults by Age Group and Gender, Number and Rate, White Race, Pennsylvania, 2000

	Gender					
	Male		Female		Total	
	Number	Rate**	Number	Rate**	Number	Rate**
Under 5	43	14.7	39	14.1	82	14.4
5-9	11	3.3	3	.	14	2.2
10-14	24	6.8	7	2.1	31	4.5
15-19	166	47.4	32	9.5	198	28.8
20-24	233	79.4	37	12.8	270	46.4
25-29	138	45.3	45	14.5	183	29.7
30-34	134	38.8	46	12.9	180	25.7
35-39	151	37.0	43	10.5	194	23.7
40-44	116	26.9	42	9.6	158	18.2
45-49	94	24.9	23	5.9	117	15.2
50-54	46	14.4	13	3.8	59	8.9
55-59	31	12.3	10	3.6	41	7.8
60-64	18	8.6	10	4.2	28	6.3
65-69	9	4.6	10	4.2	19	4.4
70-74	6	3.1	6	2.4	12	2.7
75-79	6	3.9	9	3.9	15	3.9
80-84	7	7.3	20	11.9	27	10.2
85+	4	.	11	7.1	15	6.9
All Ages	1,237	24.9	406	7.6	1,643	15.9

Source: PHC4.

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

** Per 100,000 population, 2000; totals exclude missing data.

. Rate not calculated for <5 observations.

Table 27 Hospital Discharges for Assaults by Age Group and Gender, Number and Rate, Black Race, Pennsylvania, 2000

	Gender					
	Male		Female		Total	
	Number	Rate**	Number	Rate**	Number	Rate**
Under 5	33	74.5	21	49.0	54	62.0
5-9	13	24.5	7	13.6	20	19.1
10-14	38	74.6	15	30.3	53	52.7
15-19	217	467.9	43	97.7	260	287.6
20-24	315	835.7	45	113.7	360	465.8
25-29	220	583.8	45	107.3	265	332.9
30-34	202	509.1	37	86.1	239	289.2
35-39	195	462.8	61	131.2	256	288.9
40-44	196	480.1	53	113.7	249	284.8
45-49	112	349.9	21	52.3	133	184.3
50-54	72	294.6	9	28.0	81	143.1
55-59	40	214.2	3	.	43	95.8
60-64	16	103.9	1	.	17	45.0
65-69	9	60.5	2	.	11	29.9
70-74	5	39.2	2	.	7	22.2
75-79	4	.	1	.	5	20.4
80-84	2	.	0	.	2	.
85+	5	135.4	2	.	7	52.5
All Ages	1,694	320.3	368	61.2	2,062	182.4

Source: PHC4.

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

** Per 100,000 population, 2000; totals exclude missing data.

. Rate not calculated for <5 observations.

Table 28 Hospital Discharges for Self-inflicted Injuries by Age Group and Gender, Number and Rate, Pennsylvania, 2000

	Gender					
	Male		Female		Total	
	Number	Rate**	Number	Rate**	Number	Rate**
Under 5	1	.	1	.	2	.
5-9	9	2.2	3	.	12	1.5
10-14	61	14.2	174	42.6	235	28.1
15-19	391	93.0	806	199.8	1,197	145.3
20-24	459	130.0	573	163.7	1,032	146.8
25-29	371	102.0	497	131.8	868	117.2
30-34	414	101.6	566	134.1	980	118.1
35-39	478	101.2	660	137.8	1,138	119.6
40-44	386	78.6	613	121.9	999	100.5
45-49	326	76.9	397	88.3	723	82.8
50-54	195	54.9	281	72.8	476	64.2
55-59	81	29.0	116	37.3	197	33.3
60-64	80	34.5	87	32.9	167	33.7
65-69	41	18.9	54	20.2	95	19.6
70-74	42	19.9	73	26.4	115	23.6
75-79	29	17.4	46	18.7	75	18.1
80-84	28	27.5	33	18.4	61	21.7
85+	25	38.1	20	12.0	45	19.4
All Ages	3,417	59.3	5,000	80.3	8,417	70.2

Source: PHC4.

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

** Per 100,000 population, 2000; totals exclude missing data.

. Rate not calculated for <5 observations.

Table 29 Hospital Discharges for Self-inflicted Injuries by Age Group and Gender, Number and Rate, White Race, Pennsylvania, 2000

	Gender					
	Male		Female		Total	
	Number	Rate**	Number	Rate**	Number	Rate**
Under 5	1	.	0	.	1	.
5-9	6	1.8	2	.	8	1.2
10-14	43	12.2	120	35.7	163	23.7
15-19	309	88.3	584	173.6	893	130.1
20-24	340	115.8	408	141.4	748	128.5
25-29	280	91.9	345	110.8	625	101.5
30-34	307	88.9	422	118.7	729	104.0
35-39	354	86.7	520	126.7	874	106.7
40-44	268	62.2	494	113.2	762	87.8
45-49	254	67.4	313	79.6	567	73.6
50-54	151	47.2	228	66.9	379	57.4
55-59	59	23.4	97	35.2	156	29.5
60-64	64	30.5	62	26.3	126	28.3
65-69	31	15.7	50	20.9	81	18.6
70-74	36	18.4	61	24.0	97	21.6
75-79	23	14.8	43	18.8	66	17.2
80-84	24	25.0	27	16.1	51	19.3
85+	19	31.3	18	11.6	37	17.1
All Ages	2,569	51.7	3,794	70.9	6,363	61.6

Source: PHC4.

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

** Per 100,000 population, 2000; totals exclude missing data.

. Rate not calculated for <5 observations.

Table 30 Hospital Discharges for Self-inflicted Injuries by Age Group and Gender, Number and Rate, Black Race, Pennsylvania, 2000

	Gender					
	Male		Female		Total	
	Number	Rate**	Number	Rate**	Number	Rate**
Under 5	0	.	1	.	1	.
5-9	2	.	0	.	2	.
10-14	7	13.7	16	32.3	23	22.9
15-19	24	51.8	78	177.2	102	112.8
20-24	37	98.2	66	166.7	103	133.3
25-29	34	90.2	47	112.1	81	101.7
30-34	40	100.8	60	139.6	100	121.0
35-39	52	123.4	61	131.2	113	127.5
40-44	63	154.3	42	90.1	105	120.1
45-49	31	96.8	26	64.8	57	79.0
50-54	24	98.2	23	71.5	47	83.1
55-59	7	37.5	7	26.7	14	31.2
60-64	6	39.0	7	31.3	13	34.4
65-69	0	.	0	.	0	.
70-74	2	.	4	.	6	19.0
75-79	1	.	1	.	2	.
80-84	0	.	0	.	0	.
85+	2	.	1	.	3	.
All Ages	332	62.8	440	73.2	772	68.3

Source: PHC4.

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

** Per 100,000 population, 2000; totals exclude missing data.

. Rate not calculated for <5 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 Prevention¹⁸ 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. This includes 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)
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To provide data to measure Pennsylvania's progress towards meeting the Year 2000 Health Objectives [*Healthy People 2000: National Health Promotion and Disease Prevention Objectives* - Selected Injury related Objectives: 9.2; 9.7; 9.9; 9.10], 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. Fire/burns/related asphyxia injuries, pedal cycle (bicycle) injuries, self-inflicted, and assaults were also analyzed by age group, gender, race, severity 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 2000. No rates were computed for data values less than 5 (i.e. numerator cut-off value).

Appendix B ICD-9-CM Categories

E Code Mechanism by Intent Groupings Used in this Report

MECHANISM	INTENT			
	1. Unintentional	2. Self-inflicted	3. Assault	4. Other/unspecified
	ICD-9-CM E-CODE GROUPINGS			
1. Cut/pierce	920.0-9	956	966	974; 986
2. Drowning/submersion	830.0-9; 832.0-9 910.0-9	954	964	984
3. Fall	880.0-886.9; 888	957.0-9	968.1	987.0-9
4. Fire/flames	890.0-899	958(.1, .2, .7)	968	988.1
5. Hot object/scald	924.0-9	958.2; 7	961; 968.3	988.2, 7
6. Firearm	922.0-9	955.0-4	965.0-4	970; 985.0-4
7. Machinery	919.0-9			
MV-Traffic				
8. <i>Occupant</i>	810-819 (.0, 1)			
9. <i>Motorcyclist</i>	810-819 (.2, 3)			
10. <i>Pedal cyclist</i>	810-819 (.6)			
11. <i>Pedestrian</i>	810-819 (.7)			
12. <i>Unspecified</i>	810-819 (.9)			
13. <i>Other</i>	810-819 (.4, .5, .8)	958.5	968.5	988.5
14. Pedal cyclist, other	800-807(.3); 820-825(.6) 826.1, 9; 827-829 (.1)			
15. Pedestrian, other	800-807 (.2) 820-825 (.7) 826-829 (.0)			
16. 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
17. Bites & stings	905.0-.6, 9 906(.0-4, .2-9)			
18. Other natural & environmental factors	900-909 928.0-2	958.3		988.3
19. Overexertion	927			
20. Poisoning	850.0-869.9	950.0-952.9	962.0-9	972; 980.0-982.9
21. Struck by, against	916-917.9		960.0; 968.2	973; 975
22. Suffocation	911-913.9	953.0-9	963	983.0-9
23. 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
24. Other specified, not elsewhere classifiable	928, 8, 929.8	958.8, 959	968.8, 969	977, 995, 997.8 998, 999
25. Unspecified	887, 928.9, 929.9	958.9	968.9	976, 997.9

Source: CDC E-code matrix.

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, 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, 952

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, 803.0 - 804.9, 850.0 - 854.1

Hip Fractures

Includes trans-cervical femur fracture, per-trochanteric fracture, and fracture of unspecified part of the femur.

820.0 – 820.9

Appendix E Healthy People (Year) 2000 Objectives

“Healthy People 2000: National Health Promotion and Disease Prevention Objectives” establishes specific objectives for improving the health of all Americans. Four objectives were assessed using the state hospital discharge data. The following table compares the Healthy People (Year) 2000 National Objectives and Pennsylvania rates for 2000.

Healthy People Year 2000 Objective	Pennsylvania Rate, 2000	Factor Above Target
Objective 9.2: <i>Reduce nonfatal unintentional injuries so that hospitalizations for this condition are no more than 754 per 100,000 people.</i>	The rate for nonfatal unintentional injury hospitalizations in Pennsylvania was 1,022.1 per 100,000 people.	1.35
Objective 9.2a: <i>Reduce nonfatal unintentional injuries among Black males so that hospitalizations for this condition are no more than 856 per 100,000 people.</i>	The rate for nonfatal unintentional injury hospitalizations among Black males in Pennsylvania was 1,443.8 per 100,000 people.	1.69
Objective 9.7: <i>Reduce hip fractures among people aged 65 and older so that hospitalizations for this condition are no more than 607 per 100,000 people.</i>	The rate for hip fracture hospitalizations among people aged 65 and older in Pennsylvania was 980.6 per 100,000 people.	1.63
Objective 9.7a: <i>Reduce hip fractures among White women aged 85 and older so that hospitalizations for this condition are no more than 2,177 per 100,000 people.</i>	The rate for hip fracture hospitalizations among White women aged 85 and older in Pennsylvania was 2,714.2 per 100,000 people.	1.24
Objective 9.9: <i>Reduce nonfatal head injuries so that hospitalizations for this condition are no more than 106 per 100,000 people.</i>	The rate for nonfatal head injury hospitalizations in Pennsylvania was 123.7 per 100,000 people.	1.17
		Factor Below Target
Objective 9.10: <i>Reduce nonfatal spinal cord injuries so that hospitalizations for this condition are no more than 5.0 per 100,000 people.</i>	The rate for nonfatal spinal cord injury hospitalizations in Pennsylvania was 4.2 per 100,000 people.	0.84
Objective 9.10a: <i>Reduce nonfatal spinal cord injuries among males so that hospitalizations for this condition are no more than 7.1 per 100,000 people.</i>	The rate for nonfatal spinal cord injury hospitalizations among males in Pennsylvania was 6.5 per 100,000 people.	0.92

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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).