



INJURIES IN PENNSYLVANIA

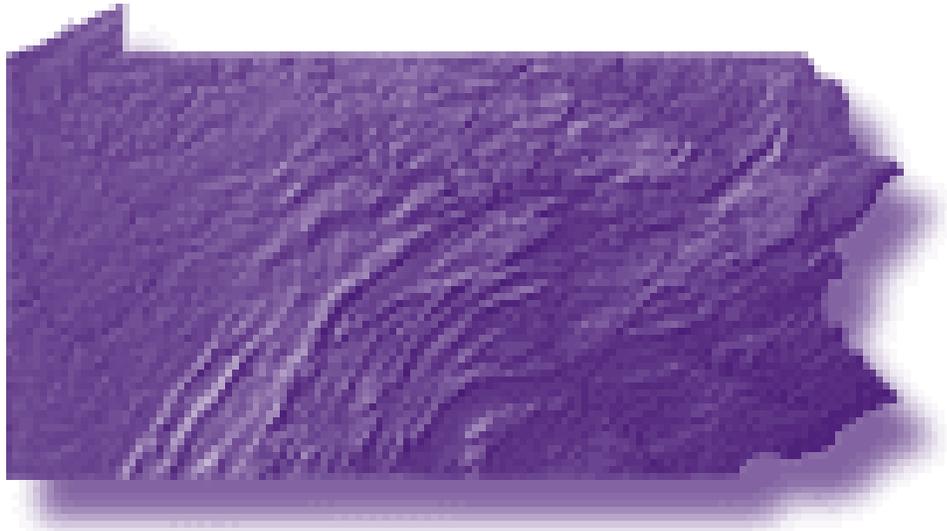
Hospital Discharges 2001

DEPARTMENT OF
HEALTH

... in pursuit of good health

Edward G. Rendell, Governor

Injuries in Pennsylvania



Hospital Discharges 2001

Injury Prevention Program
Bureau of Chronic Diseases and Injury Prevention
Division of Health Risk Reduction
Pennsylvania Department of Health
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September 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, 2001. Pittsburgh, Pennsylvania: Center for Injury Research and Control (CIRCL), Department of Neurological Surgery, University of Pittsburgh, 2001.

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 disdains 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 disdains 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 an ongoing series, to comprehensively document the hospitalized injury burden to Pennsylvanians.

In 2001, 125,421 reported injury cases to Pennsylvania residents were discharged from hospitals in the Commonwealth of Pennsylvania, a rate of 1,045.6 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 1,026.7 compared to 1,063.2 for females. The rate in Blacks was 1.23 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 2010: Understanding and Improving Health* 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, age groups 1-14 and 65-84 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 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 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 2001, a total of 125,421 injury hospital discharges were reported by Pennsylvania hospitals, representing an injury hospital discharge rate of 1,045.6 per 100,000 persons.
- Males experienced an overall rate of 1,026.7 per 100,000 persons compared with a female rate of 1,063.2 per 100,000 persons.
- The overall injury rate for Blacks was 1.23 times that of Whites.
- Falls accounted for 39.9% of all injury discharges that were assigned valid E-codes.
- Violence, including self-inflicted injuries and assaults, comprised 11.0% of all injury hospital discharges with rates of 74.7 and 41.1 per 100,000 persons, respectively.
- The hospital discharge rate from assaults for Blacks was 11.0 times that of Whites.
- Among Pennsylvanians ages 20-24 years old, 592 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 6.2/100,000, 2.6 times *higher* than the national rate set as the target for the Year 2010.
- The hospital discharge rate for nonfatal head injuries in Pennsylvania was 91.9/100,000, 2.0 times *higher* than the national rate set as the target for the Year 2010.
- For females ages 65 years and older, the hospital discharge rate from hip fractures in Pennsylvania was 969.8/100,000, 2.3 times *higher* than the national rate set as the target for the Year 2010.
- For males ages 65 years and older, the hospital discharge rate from hip fractures in Pennsylvania was 504.0/100,000, 1.1 times *higher* than the national rate set as the target for the Year 2010.

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 2010 Injury Prevention 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 2001 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 2001 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 2001 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.

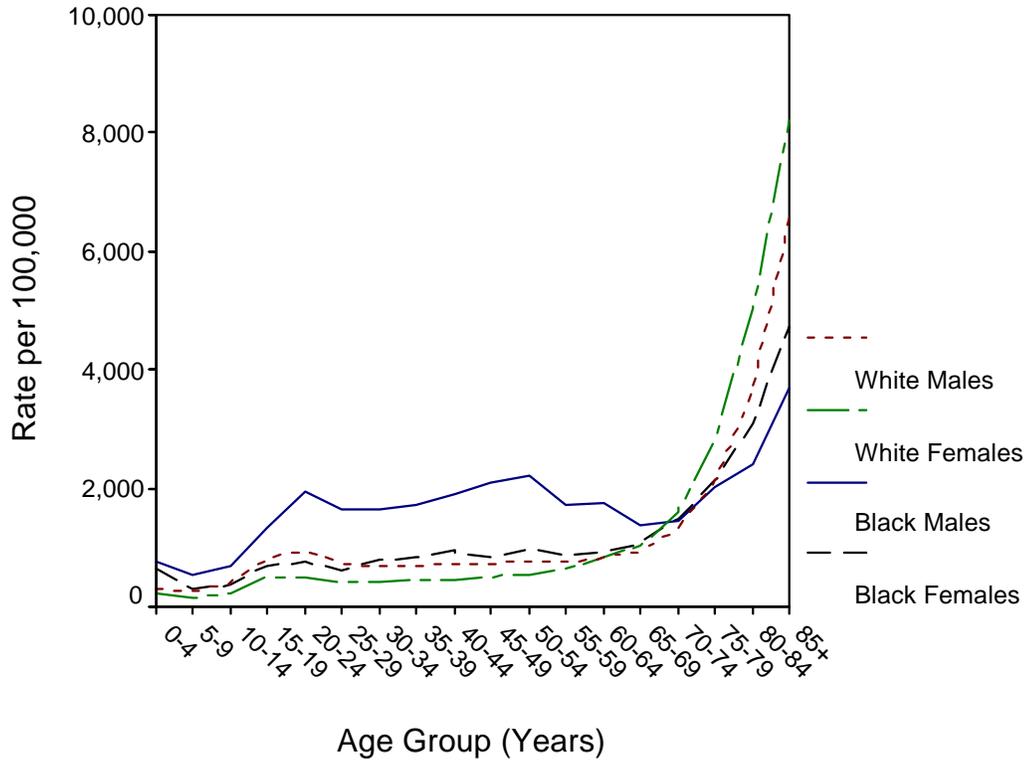
Data Analysis

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 2010: Understanding and Improving Health 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

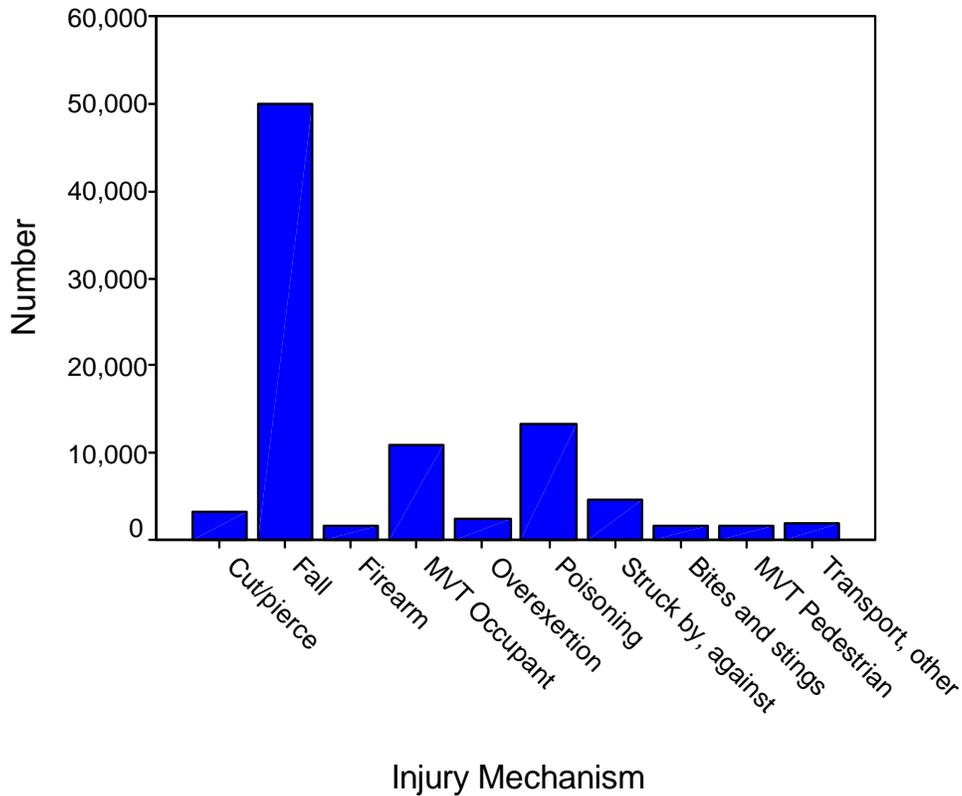
Figure 1 Hospital Discharge Rates by Race-Gender and Age Group, Pennsylvania, 2001



Source: PHC4

- ❑ Overall, the injury hospital discharge rate for males (1,026.7 per 100,000 persons) was lower than that of females (1,063.2 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.

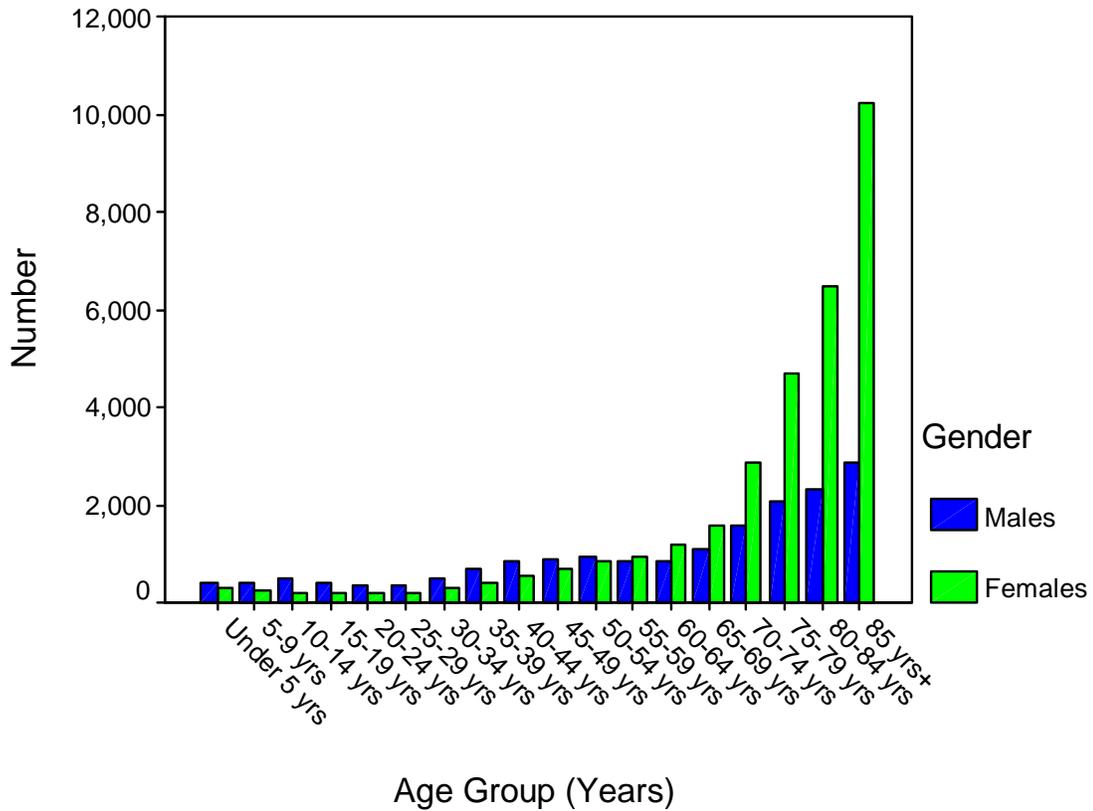
Figure 2 Hospital Discharges for Leading Injury Mechanisms, Pennsylvania, 2001



Source: PHC4

- **The 3 leading causes for injury-related hospital discharges among Pennsylvanians continues to be falls, poisonings and motor vehicle-related injuries.**
- **3 mechanisms changed in rank from the 2000 to the 2001 data year. New mechanisms for the top ten list include: “MVT Pedestrian”, “Transport, other” and “Bites & Stings”.**
- **The 3 mechanisms that fell out of the top ten list for 2000 were: “Fire/ flames”, “Pedal Cyclist, other” and “MVT Motorcyclist”.**

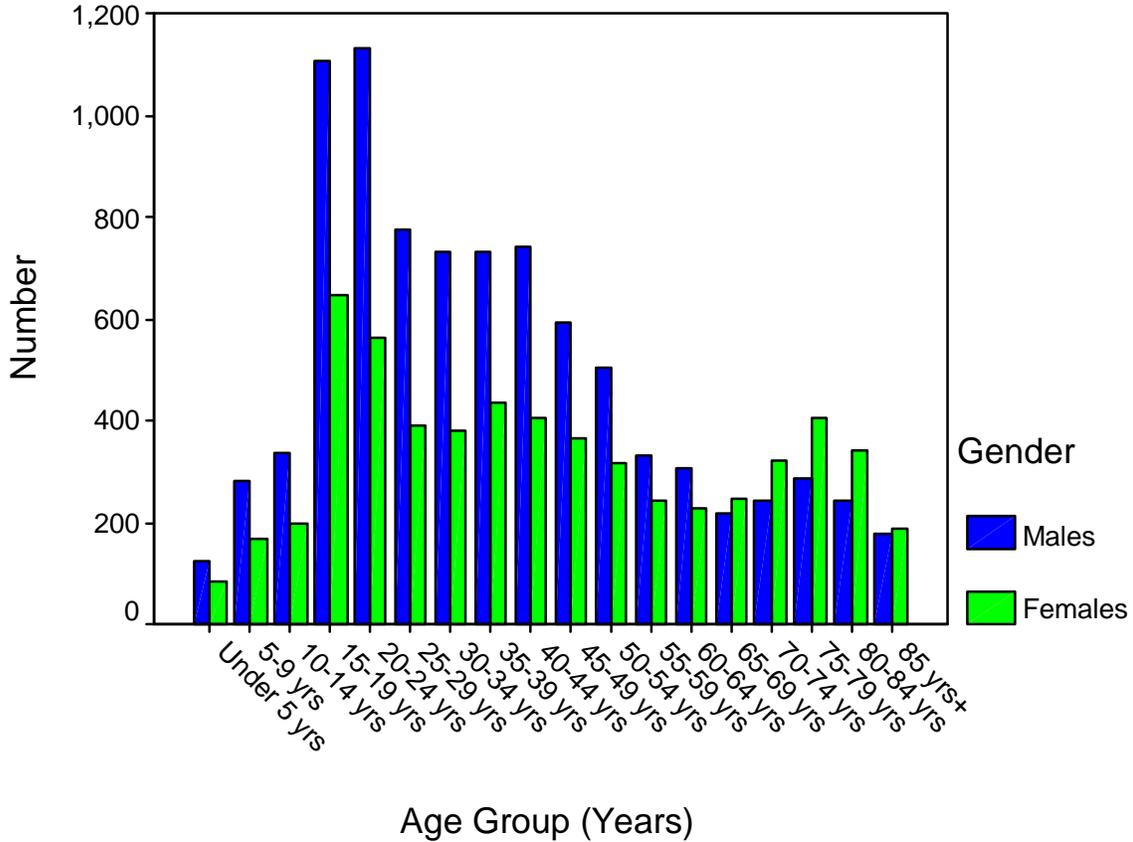
Figure 3 Hospital Discharges for Falls by Age Group and Gender, Pennsylvania, 2001



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.**

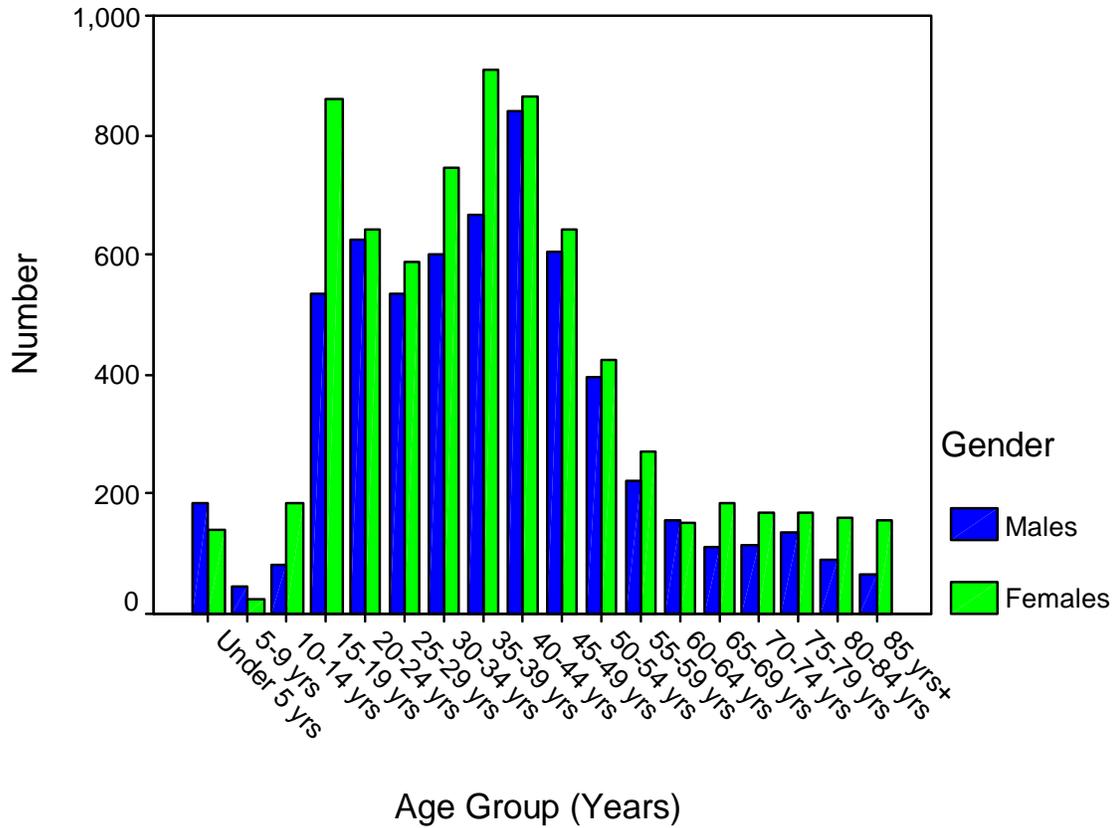
Figure 4 Hospital Discharges for Motor Vehicle-related Injuries by Age Group and Gender, Pennsylvania, 2001



Source: PHC4

- **The frequency distribution of hospital discharges from motor vehicle-related (MVR) injuries was bimodal with peaks in persons 15-45 years and those ages 65-85 years.**
- **Among persons 15-64 years, the frequency of hospital discharges from MVR injuries was higher in males.**
- **After 65 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, 2001



Source: PHC4

- ❑ **The most frequent hospital discharges from poisonings was among females ages 35-39. In 2000, this was highest among 15-19 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 85 years and older.**

Detailed Tables of Statewide Data

Table 1 Hospital Discharges for all Injuries by Age Group and Gender, Number and Rate, Pennsylvania, 2001

	Gender					
	Male		Female		Total	
	Number	Rate**	Number	Rate**	Number	Rate**
Under 5	1,458	399.5	1,092	314.6	2,550	358.1
5-9	1,357	330.2	727	186.3	2,084	260.1
10-14	2,052	478.6	1,040	254.3	3,092	369.1
15-19	4,068	967.9	2,380	589.9	6,448	782.8
20-24	4,272	1,209.6	2,045	584.3	6,317	898.4
25-29	3,400	934.8	1,785	473.4	5,185	699.9
30-34	3,597	882.8	2,173	514.8	5,770	695.6
35-39	4,151	878.6	2,693	562.3	6,844	719.4
40-44	4,563	929.5	2,839	564.7	7,402	744.9
45-49	4,007	945.4	2,663	592.5	6,670	763.8
50-54	3,445	969.3	2,480	642.3	5,925	799.0
55-59	2,553	913.0	2,294	737.0	4,847	820.3
60-64	2,307	995.6	2,410	911.1	4,717	950.6
65-69	2,330	1,074.8	3,060	1,147.3	5,390	1,114.8
70-74	3,115	1,475.4	4,861	1,755.3	7,976	1,634.2
75-79	3,921	2,350.5	7,439	3,016.2	11,360	2,747.6
80-84	4,032	3,953.0	9,680	5,388.5	13,712	4,868.6
85+	4,565	6,965.2	14,561	8,732.0	19,126	8,233.5
All Ages	59,193	1,026.7	66,222	1,063.2	125,415	1,045.6

Source: PHC4.

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

** Per 100,000 population, 2001; 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, 2001

	Gender					
	Male		Female		Total	
	Number	Rate**	Number	Rate**	Number	Rate**
Under 5	856	292.2	582	210.3	1,438	252.4
5-9	874	264.2	465	148.5	1,339	207.9
10-14	1,438	407.2	731	217.6	2,169	314.8
15-19	2,870	820.1	1,716	510.0	4,586	668.1
20-24	2,816	959.4	1,414	489.9	4,230	726.6
25-29	2,208	724.6	1,252	402.2	3,460	561.7
30-34	2,353	681.4	1,516	426.4	3,869	552.0
35-39	2,858	699.6	1,948	474.6	4,806	586.8
40-44	3,136	727.6	2,082	477.0	5,218	601.5
45-49	2,790	740.3	1,992	506.7	4,782	621.1
50-54	2,494	780.2	1,878	551.1	4,372	662.0
55-59	1,896	750.9	1,806	655.1	3,702	700.9
60-64	1,744	830.6	1,931	820.7	3,675	825.4
65-69	1,836	930.0	2,475	1,034.8	4,311	987.4
70-74	2,584	1,323.6	4,075	1,605.3	6,659	1,482.8
75-79	3,295	2,121.7	6,352	2,782.2	9,647	2,514.8
80-84	3,505	3,651.7	8,464	5,036.7	11,969	4,533.2
85+	3,991	6,570.6	12,707	8,192.3	16,698	7,736.0
All Ages	43,544	875.5	53,386	997.1	96,930	938.6

Source: PHC4.

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

** Per 100,000 population, 2001; 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, 2001

	Gender					
	Male		Female		Total	
	Number	Rate**	Number	Rate**	Number	Rate**
Under 5	346	781.5	277	645.9	623	714.8
5-9	291	547.4	159	309.4	450	430.4
10-14	351	689.2	184	371.4	535	532.5
15-19	617	1,330.5	306	695.1	923	1,021.0
20-24	733	1,944.7	304	767.9	1,037	1,341.8
25-29	622	1,650.5	261	622.5	883	1,109.1
30-34	657	1,655.9	344	800.6	1,001	1,211.2
35-39	727	1,725.4	384	826.0	1,111	1,253.6
40-44	782	1,915.6	437	937.9	1,219	1,394.4
45-49	672	2,099.4	331	824.5	1,003	1,390.1
50-54	538	2,201.2	313	973.6	851	1,503.8
55-59	319	1,708.2	222	846.4	541	1,204.8
60-64	273	1,772.8	204	912.8	477	1,263.6
65-69	203	1,364.5	236	1,075.9	439	1,192.5
70-74	187	1,467.6	281	1,497.9	468	1,485.7
75-79	191	2,033.9	324	2,141.3	515	2,100.2
80-84	115	2,385.9	298	3,082.0	413	2,850.4
85+	136	3,683.6	458	4,744.1	594	4,450.8
All Ages	7,760	1,467.5	5,323	885.0	13,083	1,157.5

Source: PHC4.

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

** Per 100,000 population, 2001; totals exclude missing data.

. Rate not calculated for <5 observations.

Table 4 Cause of Hospitalization by Age Group (0-44), Number and Rate, Pennsylvania, 2001

	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	61	8.6	75	9.4	132	15.8	329	39.9	437	62.1	339	45.8	326	39.3	386	40.6	309	31.1
Drowning/Submersion	46	6.5	13	1.6	11	1.3	5	.6	2	.	2	.	6	.7	6	.6	3	.
Fall	697	97.9	669	83.5	717	85.6	582	70.7	539	76.7	558	75.3	799	96.3	1,119	117.6	1,382	139.1
Fire/Flame	37	5.2	31	3.9	46	5.5	71	8.6	68	9.7	51	6.9	46	5.5	73	7.7	75	7.5
Hot Object/Scald	203	28.5	32	4.0	32	3.8	43	5.2	57	8.1	51	6.9	63	7.6	59	6.2	80	8.1
Firearm	11	1.5	6	.7	38	4.5	304	36.9	395	56.2	246	33.2	153	18.4	113	11.9	107	10.8
Machinery	12	1.7	14	1.7	14	1.7	37	4.5	69	9.8	78	10.5	64	7.7	80	8.4	81	8.2
MV Occupant	108	15.2	159	19.8	216	25.8	1,468	178.2	1,362	193.7	875	118.1	782	94.3	831	87.3	803	80.8
MV Motorcyclist	5	.7	5	.6	17	2.0	74	9.0	168	23.9	160	21.6	159	19.2	160	16.8	164	16.5
MV Pedal Cyclist	5	.7	51	6.4	101	12.1	36	4.4	15	2.1	11	1.5	22	2.7	15	1.6	28	2.8
MV Pedestrian	86	12.1	228	28.5	186	22.2	122	14.8	85	12.1	63	8.5	70	8.4	101	10.6	82	8.3
MV Unspecified	1	.	1	.	6	.7	33	4.0	55	7.8	47	6.3	66	8.0	50	5.3	62	6.2
MV Other	2	.	7	.9	8	1.0	19	2.3	6	.9	9	1.2	11	1.3	9	.9	6	.6
Pedal cyclist, other	27	3.8	130	16.2	252	30.1	92	11.2	22	3.1	27	3.6	34	4.1	46	4.8	52	5.2
Pedestrian, other	11	1.5	16	2.0	10	1.2	8	1.0	7	1.0	5	.7	4	.	6	.6	10	1.0
Transport, other	19	2.7	61	7.6	195	23.3	241	29.3	198	28.2	144	19.4	135	16.3	160	16.8	144	14.5
Bites & Stings	125	17.6	94	11.7	84	10.0	43	5.2	74	10.5	70	9.4	95	11.5	99	10.4	116	11.7
Other natural/env'tl factors	37	5.2	14	1.7	14	1.7	30	3.6	23	3.3	17	2.3	36	4.3	44	4.6	49	4.9
Overexertion	3	.	17	2.1	40	4.8	139	16.9	104	14.8	113	15.3	152	18.3	191	20.1	193	19.4
Poisoning	326	45.8	68	8.5	269	32.1	1,398	169.7	1,269	180.5	1,124	151.7	1,345	162.1	1,577	165.8	1,704	171.5
Struck by, Against	95	13.3	136	17.0	307	36.7	557	67.6	471	67.0	344	46.4	392	47.3	459	48.2	428	43.1
Suffocation	73	10.3	5	.6	16	1.9	27	3.3	31	4.4	21	2.8	20	2.4	25	2.6	33	3.3
Other specified and classifiable	293	41.1	121	15.1	131	15.6	232	28.2	283	40.2	302	40.8	350	42.2	398	41.8	462	46.5
Other specified, NEC	70	9.8	28	3.5	71	8.5	149	18.1	182	25.9	145	19.6	151	18.2	220	23.1	250	25.2
Unspecified	1,309	183.8	1,026	128.0	1,548	184.7	3,269	396.8	3,221	458.1	2,650	357.7	2,972	358.2	3,524	370.3	3,844	386.8

Source: PHC4.

* Per 100,000 population, 2001; totals exclude missing data.

- Rate not calculated.

. Empty cell.

Table 5 Cause of Hospitalization by Age Group (45-85+), Number and Rate, Pennsylvania, 2001

	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	238	27.3	172	23.2	95	16.1	68	13.7	64	13.2	68	13.9	54	13.1	45	16.0	41	17.6
Drowning/Submersion	2	.	3	.	.	.	1	.	1	.	.	.	2	.	1	.	2	.
Fall	1,593	182.4	1,786	240.9	1,775	300.4	2,024	407.9	2,674	553.1	4,430	907.7	6,780	1,639.9	8,819	3,131.3	13,123	5,649.3
Fire/Flame	66	7.6	69	9.3	57	9.6	39	7.9	28	5.8	47	9.6	38	9.2	29	10.3	38	16.4
Hot Object/Scald	60	6.9	78	10.5	47	8.0	41	8.3	36	7.4	56	11.5	54	13.1	62	22.0	43	18.5
Firearm	67	7.7	34	4.6	18	3.0	20	4.0	10	2.1	5	1.0	8	1.9	1	.	7	3.0
Machinery	79	9.0	70	9.4	56	9.5	40	8.1	28	5.8	26	5.3	28	6.8	10	3.6	10	4.3
MV Occupant	676	77.4	608	82.0	426	72.1	402	81.0	376	77.8	453	92.8	574	138.8	482	171.1	295	127.0
MV Motorcyclist	124	14.2	85	11.5	46	7.8	33	6.7	15	3.1	5	1.0	2	.	2	.	2	.
MV Pedal Cyclist	14	1.6	9	1.2	3	.	3	.	2	.	2	.	2	.	.	.	2	.
MV Pedestrian	88	10.1	69	9.3	59	10.0	69	13.9	51	10.5	63	12.9	74	17.9	62	22.0	42	18.1
MV Unspecified	50	5.7	45	6.1	36	6.1	20	4.0	19	3.9	36	7.4	38	9.2	33	11.7	23	9.9
MV Other	7	.8	4	.	1	.	5	1.0	2	.	3	.	1	.	5	1.8	2	.
Pedal cyclist, other	55	6.3	42	5.7	17	2.9	22	4.4	5	1.0	14	2.9	5	1.2	7	2.5	.	.
Pedestrian, other	13	1.5	3	.	6	1.0	6	1.2	4	.	3	.	7	1.7	7	2.5	.	.
Transport, other	93	10.6	90	12.1	57	9.6	56	11.3	26	5.4	43	8.8	46	11.1	45	16.0	33	14.2
Bites & Stings	125	14.3	139	18.7	109	18.4	81	16.3	78	16.1	80	16.4	67	16.2	75	26.6	31	13.3
Other natural/env'tl factors	57	6.5	70	9.4	46	7.8	35	7.1	48	9.9	70	14.3	66	16.0	82	29.1	96	41.3
Overexertion	194	22.2	172	23.2	149	25.2	129	26.0	163	33.7	176	36.1	228	55.1	199	70.7	155	66.7
Poisoning	1,248	142.9	821	110.7	494	83.6	310	62.5	298	61.6	283	58.0	306	74.0	253	89.8	222	95.6
Struck by, Against	353	40.4	217	29.3	153	25.9	124	25.0	107	22.1	91	18.6	138	33.4	121	43.0	143	61.6
Suffocation	40	4.6	50	6.7	42	7.1	53	10.7	62	12.8	107	21.9	128	31.0	155	55.0	187	80.5
Other specified and classifiable	402	46.0	341	46.0	307	52.0	214	43.1	248	51.3	294	60.2	404	97.7	386	137.1	444	191.1
Other specified, NEC	185	21.2	116	15.6	107	18.1	109	22.0	93	19.2	126	25.8	121	29.3	133	47.2	124	53.4
Unspecified	3,475	397.9	3,047	410.8	2,491	421.6	2,372	478.0	2,702	558.9	3,896	798.2	5,450	1,318.0	6,377	2,264.2	8,789	3,783.3

Source: PHC4.

* Per 100,000 population, 2001; totals exclude missing data.

- Rate not calculated.

. Empty cell.

Table 6 Cause of Hospitalization by Age Group (0-44), Number and Rate, Males, Pennsylvania, 2001

	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	35	9.6	51	12.4	76	17.7	199	47.3	302	85.5	246	67.6	197	48.4	244	51.6	196	39.9
Drowning/Submersion	28	7.7	9	2.2	6	1.4	5	1.2	2	.	2	.	5	1.2	6	1.3	2	.
Fall	396	108.5	417	101.5	497	115.9	393	93.5	331	93.7	345	94.9	488	119.8	702	148.6	835	170.1
Fire/Flame	22	6.0	23	5.6	36	8.4	48	11.4	45	12.7	32	8.8	31	7.6	54	11.4	53	10.8
Hot Object/Scald	116	31.8	16	3.9	20	4.7	29	6.9	40	11.3	33	9.1	49	12.0	36	7.6	55	11.2
Firearm	11	3.0	4	.	34	7.9	274	65.2	360	101.9	230	63.2	141	34.6	103	21.8	91	18.5
Machinery	10	2.7	11	2.7	12	2.8	36	8.6	63	17.8	72	19.8	56	13.7	70	14.8	71	14.5
MV Occupant	58	15.9	78	19.0	101	23.6	887	211.0	873	247.2	541	148.7	476	116.8	465	98.4	479	97.6
MV Motorcyclist	5	1.4	4	.	16	3.7	69	16.4	154	43.6	148	40.7	141	34.6	145	30.7	144	29.3
MV Pedal Cyclist	2	.	42	10.2	84	19.6	32	7.6	15	4.2	9	2.5	19	4.7	13	2.8	23	4.7
MV Pedestrian	57	15.6	153	37.2	123	28.7	78	18.6	56	15.9	38	10.4	46	11.3	74	15.7	50	10.2
MV Unspecified	.	.	.	.	5	1.2	24	5.7	28	7.9	33	9.1	40	9.8	30	6.3	37	7.5
MV Other	2	.	5	1.2	6	1.4	14	3.3	4	.	6	1.6	7	1.7	5	1.1	6	1.2
Pedal cyclist, other	16	4.4	100	24.3	215	50.2	85	20.2	18	5.1	22	6.0	31	7.6	38	8.0	37	7.5
Pedestrian, other	6	1.6	13	3.2	9	2.1	7	1.7	2	.	5	1.4	3	.	4	.	7	1.4
Transport, other	11	3.0	47	11.4	149	34.8	193	45.9	167	47.3	117	32.2	101	24.8	127	26.9	96	19.6
Bites & Stings	60	16.4	53	12.9	52	12.1	25	5.9	37	10.5	37	10.2	55	13.5	44	9.3	53	10.8
Other natural/envtl factors	18	4.9	8	1.9	10	2.3	19	4.5	14	4.0	12	3.3	21	5.2	25	5.3	34	6.9
Overexertion	2	.	8	1.9	26	6.1	85	20.2	72	20.4	73	20.1	104	25.5	134	28.4	120	24.4
Poisoning	185	50.7	45	11.0	82	19.1	537	127.8	625	177.0	537	147.6	599	147.0	666	141.0	838	170.7
Struck by, Against	60	16.4	101	24.6	231	53.9	478	113.7	399	113.0	288	79.2	308	75.6	356	75.3	359	73.1
Suffocation	50	13.7	3	.	10	2.3	18	4.3	27	7.6	14	3.8	13	3.2	16	3.4	20	4.1
Other specified and classifiable	158	43.3	78	19.0	88	20.5	153	36.4	202	57.2	201	55.3	231	56.7	246	52.1	297	60.5
Other specified, NEC	32	8.8	17	4.1	50	11.7	106	25.2	139	39.4	107	29.4	102	25.0	167	35.3	183	37.3
Unspecified	756	20.3	668	182.6	1,019	247.7	2,061	481.1	2,184	523.9	1,739	491.7	1,850	505.4	2,157	524.8	2,376	501.6

Source: PHC4.

* Per 100,000 population, 2001; totals exclude missing data.

- Rate not calculated.

. Empty cell.

Table 7 Cause of Hospitalization by Age Group (45-85+), Number and Rate, Males, Pennsylvania, 2001

	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	176	41.5	131	36.9	63	22.5	42	18.1	47	21.7	46	21.8	33	19.8	24	23.5	18	27.5		
Drowning/Submersion	1	.	2	.	.	.	.	.	.	.	.	.	1	.	1	.	1	.
Fall	885	208.8	938	263.9	830	296.8	861	371.6	1,075	495.9	1,561	739.4	2,089	1,252.3	2,337	2,291.2	2,880	4,394.3		
Fire/Flame	51	12.0	49	13.8	36	12.9	26	11.2	14	6.5	31	14.7	21	12.6	11	10.8	14	21.4		
Hot Object/Scald	39	9.2	55	15.5	34	12.2	21	9.1	17	7.8	25	11.8	27	16.2	26	25.5	15	22.9		
Firearm	61	14.4	30	8.4	16	5.7	16	6.9	8	3.7	4	.	7	4.2	1	.	7	10.7		
Machinery	74	17.5	61	17.2	51	18.2	39	16.8	25	11.5	24	11.4	27	16.2	8	7.8	7	10.7		
MV Occupant	370	87.3	351	98.8	229	81.9	214	92.4	161	74.3	192	90.9	235	140.9	205	201.0	141	215.1		
MV Motorcyclist	108	25.5	77	21.7	39	13.9	33	14.2	14	6.5	5	2.4	1	.	1	.	1	.		
MV Pedal Cyclist	13	3.1	7	2.0	3	.	3	.	1	.	2	.	2	.	.	.	2	.		
MV Pedestrian	60	14.2	39	11.0	31	11.1	38	16.4	32	14.8	32	15.2	30	18.0	20	19.6	25	38.1		
MV Unspecified	37	8.7	26	7.3	26	9.3	13	5.6	8	3.7	11	5.2	17	10.2	13	12.7	11	16.8		
MV Other	7	1.7	3	.	1	.	3	.	2	.	1	.	.	.	4	.	.	.		
Pedal cyclist, other	42	9.9	26	7.3	10	3.6	15	6.5	4	.	13	6.2	4	.	7	6.9	.	.		
Pedestrian, other	11	2.6	3	.	5	1.8	4	.	2	.	1	.	4	.	5	4.9	.	.		
Transport, other	58	13.7	57	16.0	36	12.9	31	13.4	21	9.7	29	13.7	22	13.2	17	16.7	17	25.9		
Bites & Stings	57	13.4	66	18.6	35	12.5	35	15.1	29	13.4	29	13.7	23	13.8	23	22.5	9	13.7		
Other natural/env'tl factors	40	9.4	43	12.1	28	10.0	20	8.6	27	12.5	39	18.5	24	14.4	34	33.3	38	58.0		
Overexertion	115	27.1	102	28.7	72	25.7	70	30.2	63	29.1	60	28.4	89	53.4	62	60.8	33	50.4		
Poisoning	606	143.0	397	111.7	221	79.0	157	67.8	113	52.1	115	54.5	136	81.5	92	90.2	66	100.7		
Struck by, Against	287	67.7	179	50.4	115	41.1	89	38.4	71	32.8	41	19.4	62	37.2	44	43.1	37	56.5		
Suffocation	25	5.9	29	8.2	20	7.2	29	12.5	39	18.0	54	25.6	82	49.2	76	74.5	68	103.8		
Other specified and classifiable	257	60.6	232	65.3	192	68.7	126	54.4	122	56.3	150	71.0	198	118.7	170	166.7	145	221.2		
Other specified, NEC	124	29.3	83	23.4	65	23.2	64	27.6	48	22.1	67	31.7	58	34.8	66	64.7	62	94.6		
Unspecified	2,088	430.7	1,790	429.1	1,333	384.7	1,176	427.8	1,191	517.0	1,555	719.1	1,924	931.9	1,924	1,210.2	1,424	2,185.6		

Source: PHC4.

* Per 100,000 population, 2001; totals exclude missing data.

- Rate not calculated.

. Empty cell.

Table 8 Cause of Hospitalization by Age Group (0-44), Number and Rate, Females, Pennsylvania, 2001

	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	26	7.5	24	6.2	56	13.7	130	32.2	135	38.6	93	24.7	129	30.6	142	29.6	113	22.5		
Drowning/Submersion	18	5.2	4	.	5	1.2	.	.	.	.	.	.	1	.	.	.	1	.
Fall	301	86.7	252	64.6	220	53.8	189	46.8	208	59.4	213	56.5	311	73.7	417	87.1	547	108.8		
Fire/Flame	15	4.3	8	2.1	10	2.4	23	5.7	23	6.6	19	5.0	15	3.6	19	4.0	22	4.4		
Hot Object/Scald	87	25.1	16	4.1	12	2.9	14	3.5	17	4.9	18	4.8	14	3.3	23	4.8	25	5.0		
Firearm	.	.	2	.	4	.	30	7.4	35	10.0	16	4.2	12	2.8	10	2.1	16	3.2		
Machinery	2	.	3	.	2	.	1	.	6	1.7	6	1.6	8	1.9	10	2.1	10	2.0		
MV Occupant	50	14.4	81	20.8	115	28.1	580	143.8	489	139.7	334	88.6	306	72.5	366	76.4	324	64.4		
MV Motorcyclist	.	.	1	.	1	.	5	1.2	14	4.0	12	3.2	18	4.3	15	3.1	20	4.0		
MV Pedal Cyclist	3	.	9	2.3	17	4.2	4	.	.	.	2	.	2	.	2	.	5	1.0		
MV Pedestrian	29	8.4	75	19.2	63	15.4	44	10.9	29	8.3	25	6.6	24	5.7	27	5.6	32	6.4		
MV Unspecified	1	.	1	.	1	.	9	2.2	27	7.7	14	3.7	26	6.2	20	4.2	25	5.0		
MV Other	.	.	2	.	2	.	5	1.2	2	.	3	.	4	.	4	.	.	.		
Pedal cyclist, other	11	3.2	30	7.7	37	9.0	7	1.7	4	.	5	1.3	3	.	8	1.7	15	3.0		
Pedestrian, other	5	1.4	3	.	1	.	1	.	5	1.4	.	.	1	.	2	.	3	.		
Transport, other	8	2.3	14	3.6	46	11.2	48	11.9	30	8.6	27	7.2	34	8.1	33	6.9	48	9.5		
Bites & Stings	65	18.7	41	10.5	32	7.8	18	4.5	37	10.6	33	8.8	40	9.5	55	11.5	63	12.5		
Other natural/env'tl factors	19	5.5	6	1.5	4	.	11	2.7	9	2.6	5	1.3	15	3.6	19	4.0	15	3.0		
Overexertion	1	.	9	2.3	14	3.4	54	13.4	32	9.1	40	10.6	48	11.4	57	11.9	73	14.5		
Poisoning	141	40.6	23	5.9	187	45.7	861	213.4	644	184.0	587	155.7	746	176.7	911	190.2	866	172.2		
Struck by, Against	35	10.1	35	9.0	76	18.6	79	19.6	72	20.6	56	14.9	84	19.9	103	21.5	69	13.7		
Suffocation	23	6.6	2	.	6	1.5	9	2.2	4	.	7	1.9	7	1.7	9	1.9	13	2.6		
Other specified and classifiable	135	38.9	43	11.0	43	10.5	79	19.6	81	23.1	101	26.8	119	28.2	152	31.7	165	32.8		
Other specified, NEC	38	10.9	11	2.8	21	5.1	43	10.7	43	12.3	38	10.1	49	11.6	53	11.1	67	13.3		
Unspecified	553	159.2	358	91.6	529	129.2	1,207	299.2	1,037	296.3	911	241.6	1,121	265.6	1,367	285.3	1,468	291.9		

Source: PHC4.

* Per 100,000 population, 2001; totals exclude missing data.

- Rate not calculated.

. Empty cell.

Table 9 Cause of Hospitalization by Age Group (45-85+), Number and Rate, Females, Pennsylvania, 2001

	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	13.8	41	10.6	32	10.3	26	9.8	17	6.4	22	7.9	21	8.5	21	11.7	23	13.8
Drowning/Submersion	1	.	1	.	.	.	1	.	1	.	.	.	1	.	.	.	1	.
Fall	708	157.5	848	219.6	945	303.6	1,163	439.7	1,599	599.5	2,869	1,036.0	4,691	1,902.0	6,482	3,608.3	10,243	6,142.5
Fire/Flame	15	3.3	20	5.2	21	6.7	13	4.9	14	5.2	16	5.8	17	6.9	18	10.0	24	14.4
Hot Object/Scald	21	4.7	23	6.0	13	4.2	20	7.6	19	7.1	31	11.2	27	10.9	36	20.0	28	16.8
Firearm	6	1.3	4	.	2	.	4	.	2	.	1	.	1	.	.	.	.	.
Machinery	5	1.1	9	2.3	5	1.6	1	.	3	.	2	.	1	.	2	.	3	.
MV Occupant	305	67.9	257	66.6	197	63.3	188	71.1	214	80.2	261	94.2	339	137.5	277	154.2	154	92.4
MV Motorcyclist	16	3.6	7	1.8	7	2.2	.	.	1	.	.	.	1	.	1	.	1	.
MV Pedal Cyclist	1	.	2	.	.	.	.	.	1	.	.	.	.	.	.	.	.	.
MV Pedestrian	28	6.2	30	7.8	28	9.0	31	11.7	19	7.1	31	11.2	44	17.8	42	23.4	17	10.2
MV Unspecified	13	2.9	19	4.9	10	3.2	7	2.6	11	4.1	25	9.0	21	8.5	20	11.1	12	7.2
MV Other	.	.	1	.	.	.	2	.	.	.	2	.	1	.	1	.	2	.
Pedal cyclist, other	13	2.9	16	4.1	7	2.2	7	2.6	1	.	1	.	1	.	.	.	.	.
Pedestrian, other	2	.	.	.	1	.	2	.	2	.	2	.	3	.	2	.	.	.
Transport, other	35	7.8	33	8.5	21	6.7	25	9.5	5	1.9	14	5.1	24	9.7	28	15.6	16	9.6
Bites & Stings	68	15.1	73	18.9	74	23.8	46	17.4	49	18.4	51	18.4	44	17.8	52	28.9	22	13.2
Other natural/env'tl factors	17	3.8	27	7.0	18	5.8	15	5.7	21	7.9	31	11.2	42	17.0	48	26.7	58	34.8
Overexertion	79	17.6	70	18.1	77	24.7	59	22.3	100	37.5	116	41.9	139	56.4	137	76.3	122	73.2
Poisoning	642	142.8	424	109.8	273	87.7	153	57.8	185	69.4	168	60.7	170	68.9	161	89.6	156	93.6
Struck by, Against	66	14.7	38	9.8	38	12.2	35	13.2	36	13.5	50	18.1	76	30.8	77	42.9	106	63.6
Suffocation	15	3.3	21	5.4	22	7.1	24	9.1	23	8.6	53	19.1	46	18.7	79	44.0	119	71.4
Other specified and classifiable	145	32.3	109	28.2	115	36.9	88	33.3	126	47.2	144	52.0	206	83.5	216	120.2	299	179.3
Other specified, NEC	61	13.6	33	8.5	42	13.5	45	17.0	45	16.9	59	21.3	63	25.5	67	37.3	62	37.2
Unspecified	1,386	308.4	1,256	325.3	1,158	372.0	1,197	452.4	1,511	566.5	2,341	845.1	3,526	1,429.4	4,454	2,479.1	6,653	3,989.7

Source: PHC4.

* Per 100,000 population, 2001, 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, 2001

	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	40	7.0	49	7.6	88	12.8	233	33.9	304	52.2	209	33.9	211	30.1	260	31.7	210	24.2
Drowning/Submersion	36	6.3	6	.9	2	.	5	.7	1	.	1	.	6	.9	5	.6	1	.
Fall	408	71.6	477	74.1	516	74.9	418	60.9	400	68.7	404	65.6	569	81.2	823	100.5	1,006	116.0
Fire/Flame	16	2.8	19	3.0	34	4.9	56	8.2	48	8.2	40	6.5	28	4.0	51	6.2	55	6.3
Hot Object/Scald	105	18.4	12	1.9	18	2.6	28	4.1	32	5.5	35	5.7	43	6.1	41	5.0	45	5.2
Firearm	2	.	4	.	15	2.2	58	8.4	56	9.6	26	4.2	28	4.0	33	4.0	40	4.6
Machinery	10	1.8	13	2.0	13	1.9	32	4.7	53	9.1	56	9.1	50	7.1	62	7.6	67	7.7
MV Occupant	66	11.6	117	18.2	156	22.6	1,141	166.2	968	166.3	628	101.9	538	76.8	606	74.0	593	68.4
MV Motorcyclist	2	.	5	.8	14	2.0	50	7.3	117	20.1	116	18.8	130	18.5	129	15.8	140	16.1
MV Pedal Cyclist	2	.	23	3.6	49	7.1	18	2.6	9	1.5	4	.	11	1.6	7	.9	16	1.8
MV Pedestrian	27	4.7	74	11.5	85	12.3	73	10.6	49	8.4	28	4.5	26	3.7	56	6.8	31	3.6
MV Unspecified	1	.	.	.	5	.7	25	3.6	39	6.7	33	5.4	49	7.0	36	4.4	47	5.4
MV Other	.	.	4	.	6	.9	14	2.0	5	.9	7	1.1	8	1.1	6	.7	4	.
Pedal cyclist, other	17	3.0	96	14.9	202	29.3	74	10.8	12	2.1	23	3.7	25	3.6	36	4.4	36	4.1
Pedestrian, other	7	1.2	8	1.2	9	1.3	7	1.0	6	1.0	5	.8	4	.	4	.	7	.8
Transport, other	13	2.3	54	8.4	171	24.8	212	30.9	167	28.7	128	20.8	109	15.6	139	17.0	128	14.8
Bites & Stings	84	14.7	63	9.8	58	8.4	33	4.8	59	10.1	56	9.1	74	10.6	85	10.4	101	11.6
Other natural/env'tl factors	23	4.0	11	1.7	12	1.7	25	3.6	17	2.9	11	1.8	31	4.4	30	3.7	34	3.9
Overexertion	3	.	14	2.2	30	4.4	108	15.7	78	13.4	81	13.1	111	15.8	144	17.6	140	16.1
Poisoning	181	31.8	41	6.4	187	27.1	1,062	154.7	953	163.7	813	132.0	962	137.3	1,124	137.2	1,225	141.2
Struck by, Against	54	9.5	87	13.5	216	31.3	361	52.6	295	50.7	210	34.1	202	28.8	265	32.4	251	28.9
Suffocation	43	7.5	1	.	12	1.7	14	2.0	24	4.1	17	2.8	15	2.1	17	2.1	25	2.9
Other specified and classifiable	145	25.5	80	12.4	97	14.1	155	22.6	184	31.6	217	35.2	243	34.7	286	34.9	339	39.1
Other specified, NEC	33	5.8	19	3.0	45	6.5	91	13.3	92	15.8	65	10.6	78	11.1	131	16.0	134	15.4
Unspecified	738	129.5	662	102.7	1,085	157.5	2,321	338.1	2,151	369.5	1,765	286.4	1,979	282.3	2,469	301.5	2,696	310.7

Source: PHC4.

* Per 100,000 population, 2001; 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, 2001

	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	153	19.9	116	17.6	74	14.0	48	10.8	43	9.8	59	13.1	42	10.9	40	15.1	35	16.2
Drowning/Submersion	1	.	3	.	.	.	1	.	.	.	.	.	2	.	1	.	2	.
Fall	1,208	156.9	1,393	210.9	1,390	263.2	1,615	362.7	2,149	492.2	3,737	832.2	5,769	1,503.9	7,642	2,894.4	11,418	5,289.8
Fire/Flame	45	5.8	41	6.2	32	6.1	26	5.8	16	3.7	37	8.2	33	8.6	22	8.3	30	13.9
Hot Object/Scald	35	4.5	57	8.6	38	7.2	29	6.5	26	6.0	43	9.6	36	9.4	53	20.1	39	18.1
Firearm	29	3.8	14	2.1	8	1.5	11	2.5	5	1.1	2	.	7	1.8	1	.	4	.
Machinery	61	7.9	55	8.3	51	9.7	34	7.6	22	5.0	24	5.3	26	6.8	10	3.8	9	4.2
MV Occupant	532	69.1	462	70.0	314	59.5	303	68.1	313	71.7	377	84.0	476	124.1	423	160.2	249	115.4
MV Motorcyclist	112	14.5	76	11.5	42	8.0	30	6.7	11	2.5	5	1.1	1	.	1	.	1	.
MV Pedal Cyclist	7	.9	7	1.1	1	.	2	.	1	.	2	.	2	.	.	.	.	.
MV Pedestrian	48	6.2	34	5.1	36	6.8	46	10.3	37	8.5	47	10.5	60	15.6	53	20.1	39	18.1
MV Unspecified	34	4.4	37	5.6	26	4.9	19	4.3	14	3.2	28	6.2	32	8.3	29	11.0	19	8.8
MV Other	5	.6	4	.	1	.	2	.	2	.	3	.	1	.	5	1.9	2	.
Pedal cyclist, other	44	5.7	33	5.0	13	2.5	16	3.6	5	1.1	11	2.4	4	.	7	2.7	.	.
Pedestrian, other	9	1.2	2	.	5	.9	6	1.3	4	.	3	.	6	1.6	5	1.9	.	.
Transport, other	79	10.3	78	11.8	48	9.1	46	10.3	21	4.8	35	7.8	37	9.6	40	15.1	25	11.6
Bites & Stings	100	13.0	112	17.0	95	18.0	66	14.8	62	14.2	68	15.1	54	14.1	72	27.3	29	13.4
Other natural/env'tl factors	44	5.7	50	7.6	30	5.7	25	5.6	35	8.0	47	10.5	47	12.3	57	21.6	77	35.7
Overexertion	156	20.3	135	20.4	123	23.3	110	24.7	135	30.9	152	33.8	195	50.8	176	66.7	136	63.0
Poisoning	865	112.3	573	86.8	361	68.3	231	51.9	221	50.6	225	50.1	244	63.6	224	84.8	183	84.8
Struck by, Against	199	25.8	134	20.3	105	19.9	99	22.2	88	20.2	77	17.1	112	29.2	102	38.6	112	51.9
Suffocation	33	4.3	36	5.5	36	6.8	44	9.9	51	11.7	92	20.5	114	29.7	138	52.3	167	77.4
Other specified and classifiable	290	37.7	250	37.9	225	42.6	154	34.6	194	44.4	240	53.4	345	89.9	338	128.0	398	184.4
Other specified, NEC	105	13.6	69	10.4	83	15.7	67	15.0	73	16.7	96	21.4	93	24.2	112	42.4	100	46.3
Unspecified	2,480	322.1	2,245	339.9	1,888	357.4	1,844	414.1	2,155	493.6	3,225	718.2	4,607	1,201.0	5,536	2,096.6	7,625	3,532.6

Source: PHC4.

* Per 100,000 population, 2001; 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, 2001

	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	13	14.9	14	13.4	26	25.9	40	44.2	63	81.5	63	79.1	55	66.5	64	72.2	52	59.5
Drowning/Submersion	6	6.9	2	.	4	.	.	.	.	.	.	.	.	.	.	.	1	.
Fall	153	175.5	87	83.2	98	97.5	71	78.5	65	84.1	72	90.4	125	151.2	150	169.2	190	217.3
Fire/Flame	17	19.5	10	9.6	9	9.0	5	5.5	7	9.1	6	7.5	9	10.9	14	15.8	12	13.7
Hot Object/Scald	59	67.7	17	16.3	5	5.0	9	10.0	13	16.8	11	13.8	13	15.7	9	10.2	25	28.6
Firearm	5	5.7	1	.	16	15.9	183	202.4	242	313.1	156	196.0	88	106.5	51	57.5	36	41.2
Machinery	.	.	.	.	.	.	3	.	4	.	6	7.5	6	7.3	5	5.6	4	.
MV Occupant	30	34.4	22	21.0	35	34.8	112	123.9	163	210.9	108	135.7	99	119.8	87	98.2	99	113.2
MV Motorcyclist	1	.	.	.	1	.	9	10.0	17	22.0	18	22.6	11	13.3	7	7.9	7	8.0
MV Pedal Cyclist	2	.	22	21.0	38	37.8	10	11.1	3	.	3	.	6	7.3	5	5.6	8	9.2
MV Pedestrian	33	37.9	113	108.1	78	77.6	30	33.2	22	28.5	17	21.4	23	27.8	26	29.3	32	36.6
MV Unspecified	.	.	.	.	.	.	5	5.5	8	10.4	7	8.8	7	8.5	7	7.9	10	11.4
MV Other	.	.	2	.	2	.	1	.	1	.	2	.	2	.	1	.	1	.
Pedal cyclist, other	4	.	23	22.0	24	23.9	6	6.6	1	.	1	.	5	6.0	6	6.8	6	6.9
Pedestrian, other	2	.	3	.	1	.	1	.	.	.	.	.	.	.	2	.	1	.
Transport, other	1	.	4	.	8	8.0	7	7.7	6	7.8	1	.	7	8.5	2	.	3	.
Bites & Stings	19	21.8	17	16.3	15	14.9	7	7.7	8	10.4	5	6.3	13	15.7	2	.	8	9.2
Other natural/env'tl factors	8	9.2	2	.	.	.	3	.	1	.	3	.	3	.	8	9.0	9	10.3
Overexertion	.	.	1	.	9	9.0	18	19.9	13	16.8	17	21.4	26	31.5	18	20.3	23	26.3
Poisoning	90	103.3	22	21.0	37	36.8	128	141.6	130	168.2	162	203.5	190	229.9	280	315.9	294	336.3
Struck by, Against	24	27.5	33	31.6	55	54.7	127	140.5	93	120.3	73	91.7	118	142.8	141	159.1	115	131.6
Suffocation	10	11.5	3	.	4	.	5	5.5	1	.	1	.	3	.	6	6.8	2	.
Other specified and classifiable	88	101.0	25	23.9	24	23.9	45	49.8	49	63.4	38	47.7	56	67.8	52	58.7	63	72.1
Other specified, NEC	17	19.5	4	.	15	14.9	36	39.8	56	72.5	46	57.8	44	53.2	55	62.1	76	86.9
Unspecified	318	364.8	222	211.9	268	266.7	471	520.5	532	688.4	451	566.5	524	633.4	572	645.4	644	736.1

Source: PHC4.

* Per 100,000 population, 2001; 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, 2001

	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	46	63.8	30	53.0	8	17.8	3	.	10	27.2	3	.	4	.	.	.	2	.
Drowning/Submersion	1	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
Fall	168	232.8	204	360.5	175	389.7	173	458.3	211	573.2	225	714.3	274	1,117.4	244	1,684.0	363	2,719.9
Fire/Flame	13	18.0	11	19.4	19	42.3	7	18.5	6	16.3	3	.	1	.	4	.	6	45.0
Hot Object/Scald	13	18.0	11	19.4	8	17.8	2	.	3	.	6	19.0	10	40.8	6	41.4	1	.
Firearm	22	30.5	14	24.7	6	13.4	6	15.9	3	.	2	.	.	.	.	.	3	.
Machinery	8	11.1	4	.	1	.	1	.	2	.	.	.	1	.	.	.	.	.
MV Occupant	70	97.0	66	116.6	43	95.8	42	111.3	22	59.8	18	57.1	24	97.9	10	69.0	11	82.4
MV Motorcyclist	2	.	3	.	1	.	2	.	1	.	.	.	.	.	1	.	1	.
MV Pedal Cyclist	3	.	.	.	.	.	1	.	1	.	.	.	.	.	.	.	1	.
MV Pedestrian	22	30.5	21	37.1	10	22.3	14	37.1	5	13.6	6	19.0	5	20.4	5	34.5	1	.
MV Unspecified	8	11.1	5	8.8	2	.	1	.	3	.	1	.	1	.	.	.	.	.
Pedal cyclist, other	7	9.7	3	.	1	.	.	.	.	.	.	.	.	.	.	.	.	.
Pedestrian, other	1	.	1	.	1	.	.	.	.	.	.	.	.	.	.	.	.	.
Transport, other	2	.	2	.	1	.	3	.	1	.	1	.	.	.	1	.	1	.
Bites & Stings	14	19.4	10	17.7	4	.	9	23.8	5	13.6	5	15.9	2	.	.	.	.	.
Other natural/env'tl factors	7	9.7	14	24.7	8	17.8	6	15.9	10	27.2	16	50.8	11	44.9	11	75.9	12	89.9
Overexertion	17	23.6	17	30.0	7	15.6	10	26.5	5	13.6	4	.	7	28.5	8	55.2	3	.
Poisoning	235	325.7	154	272.1	73	162.6	42	111.3	42	114.1	38	120.6	27	110.1	8	55.2	20	149.9
Struck by, Against	100	138.6	61	107.8	26	57.9	16	42.4	6	16.3	5	15.9	7	28.5	2	.	11	82.4
Suffocation	5	6.9	5	8.8	6	13.4	5	13.2	9	24.4	8	25.4	3	.	7	48.3	9	67.4
Other specified and classifiable	45	62.4	39	68.9	30	66.8	30	79.5	18	48.9	24	76.2	21	85.6	7	48.3	18	134.9
Other specified, NEC	47	65.1	27	47.7	15	33.4	22	58.3	6	16.3	12	38.1	16	65.2	6	41.4	8	59.9
Unspecified	533	738.7	443	782.8	283	629.1	242	639.8	220	596.3	242	766.6	254	1,035.8	193	1,332.0	274	2,049.3

Source: PHC4.

* Per 100,000 population, 2001; totals exclude missing data.

- Rate not calculated.

. Empty cell.

Table 14 Cause of Hospitalization by Intent, Number and Rate of Hospital Discharges, Pennsylvania, 2001

	Intent										Table Total	
	Unintentional		Self-Inflicted		Assault		Undetermined		Other		Number	Rate*
	Number	Rate*	Number	Rate*	Number	Rate*	Number	Rate*	Number	Rate*		
Cut/Pierce	1,575	13.1	1,103	9.2	542	4.5	18	.2	1	.	3,266.00	27.16
Drowning/Submersion	104	.9	.	.	1	.	1	.	.	.	106.87	.89
Fall	49,955	416.5	68	.6	6	.1	37	.3	.	.	50,483.42	419.89
Fire/Flame	824	6.9	48	.4	12	.1	25	.2	.	.	916.58	7.62
Hot Object/Scald	1,064	8.9	7	.1	14	.1	12	.1	.	.	1,106.15	9.20
Firearm	316	2.6	102	.9	1,046	8.7	70	.6	9	.1	1,555.86	12.94
Machinery	796	6.6	.	.	.	.	.	.	.	.	802.64	6.68
MV Occupant	10,889	90.8	.	.	7	.1	.	.	.	.	10,986.85	91.38
MV Motorcyclist	1,226	10.2	.	.	.	.	.	.	.	.	1,236.22	10.28
MV Pedal Cyclist	321	2.7	.	.	.	.	.	.	.	.	323.68	2.69
MV Pedestrian	1,600	13.3	.	.	.	.	.	.	.	.	1,613.34	13.42
MV Unspecified	621	5.2	.	.	.	.	.	.	.	.	626.18	5.21
MV Other	84	.7	21	.2	.	.	2	.	.	.	107.88	.90
Pedal cyclist, other	849	7.1	.	.	.	.	.	.	.	.	856.08	7.12
Pedestrian, other	126	1.1	.	.	.	.	.	.	.	.	127.05	1.06
Transport, other	1,786	14.9	.	.	.	.	.	.	.	.	1,800.89	14.98
Bites & Stings	1,585	13.2	.	.	.	.	.	.	.	.	1,598.21	13.29
Other natural/env'tl factors	818	6.8	4	.	.	.	12	.1	.	.	840.92	6.99
Overexertion	2,517	21.0	.	.	.	.	.	.	.	.	2,537.99	21.11
Poisoning	4,442	37.0	7,227	60.3	9	.1	1,637	13.6	.	.	13,426.01	111.67
Struck by, Against	2,697	22.5	.	.	1,916	16.0	.	.	23	.2	4,674.65	38.88
Suffocation	968	8.1	97	.8	9	.1	1	.	.	.	1,083.95	9.02
Other specified and classifiable	5,130	42.8	31	.3	408	3.4	4	.	39	.3	5,658.76	47.07
Other specified, NEC	1,446	12.1	190	1.6	482	4.0	247	2.1	15	.1	2,399.84	19.96
Unspecified	7,740	64.5	58	.5	474	4.0	57	.	6	.	8,403.97	69.90

Source: PHC4.

* Per 100,000 population, 2001; 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, 2001

	Gender					
	Male		Female		Total	
	Number	Rate**	Number	Rate**	Number	Rate**
Under 5	2	.	0	.	2	.
5-9	2	.	1	.	3	.
10-14	10	2.3	10	2.4	20	2.4
15-19	38	9.0	14	3.5	52	6.3
20-24	45	12.7	5	1.4	50	7.1
25-29	27	7.4	7	1.9	34	4.6
30-34	25	6.1	11	2.6	36	4.3
35-39	34	7.2	11	2.3	45	4.7
40-44	32	6.5	9	1.8	41	4.1
45-49	28	6.6	5	1.1	33	3.8
50-54	32	9.0	3	.	35	4.7
55-59	25	8.9	10	3.2	35	5.9
60-64	15	6.5	6	2.3	21	4.2
65-69	15	6.9	12	4.5	27	5.6
70-74	25	11.8	9	3.2	34	7.0
75-79	23	13.8	21	8.5	44	10.6
80-84	22	21.6	12	6.7	34	12.1
85+	15	22.9	17	10.2	32	13.8
All Ages	415	7.2	163	2.6	578	4.8

Source: PHC4.

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

** Per 100,000 population, 2001; 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, 2001

	Gender					
	Male		Female		Total	
	Number	Rate**	Number	Rate**	Number	Rate**
Under 5	350	95.9	262	75.5	612	85.9
5-9	339	82.5	149	38.2	488	60.9
10-14	458	106.8	206	50.4	664	79.3
15-19	977	232.5	399	98.9	1,376	167.0
20-24	877	248.3	321	91.7	1,198	170.4
25-29	553	152.0	224	59.4	777	104.9
30-34	541	132.8	207	49.0	748	90.2
35-39	594	125.7	285	59.5	879	92.4
40-44	639	130.2	290	57.7	929	93.5
45-49	571	134.7	240	53.4	811	92.9
50-54	486	136.7	178	46.1	664	89.5
55-59	314	112.3	176	56.5	490	82.9
60-64	309	133.3	188	71.1	497	100.2
65-69	295	136.1	207	77.6	502	103.8
70-74	367	173.8	310	111.9	677	138.7
75-79	456	273.4	573	232.3	1,029	248.9
80-84	440	431.4	635	353.5	1,075	381.7
85+	485	740.0	994	596.1	1,479	636.7
All Ages	9,051	157.0	5,844	93.8	14,895	124.2

Source: PHC4.

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

** Per 100,000 population, 2001; 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, 2001

	Gender					
	Male		Female		Total	
	Number	Rate**	Number	Rate**	Number	Rate**
Under 5	4	.	5	1.4	9	1.3
5-9	6	1.5	8	2.1	14	1.7
10-14	31	7.2	23	5.6	54	6.4
15-19	33	7.9	3	.	36	4.4
20-24	22	6.2	7	2.0	29	4.1
25-29	24	6.6	4	.	28	3.8
30-34	26	6.4	16	3.8	42	5.1
35-39	41	8.7	18	3.8	59	6.2
40-44	54	11.0	28	5.6	82	8.3
45-49	83	19.6	60	13.3	143	16.4
50-54	78	21.9	84	21.8	162	21.8
55-59	102	36.5	160	51.4	262	44.3
60-64	158	68.2	233	88.1	391	78.8
65-69	193	89.0	412	154.5	605	125.1
70-74	404	191.4	906	327.2	1,310	268.4
75-79	654	392.0	1,795	727.8	2,449	592.3
80-84	847	830.4	2,788	1,552.0	3,635	1,290.7
85+	1,164	1,776.0	4,900	2,938.4	6,064	2,610.5
All Ages	3,924	68.1	11,450	183.8	15,374	128.2

Source: PHC4.

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

** Per 100,000 population, 2001; 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, 2001

	Gender					
	Male		Female		Total	
	Number	Rate**	Number	Rate**	Number	Rate**
Under 5	348	95.3	279	80.4	627	88.1
5-9	349	84.9	208	53.3	557	69.5
10-14	301	70.2	155	37.9	456	54.4
15-19	271	64.5	146	36.2	417	50.6
20-24	270	76.5	145	41.4	415	59.0
25-29	279	76.7	142	37.7	421	56.8
30-34	399	97.9	227	53.8	626	75.5
35-39	577	122.1	274	57.2	851	89.4
40-44	674	137.3	367	73.0	1,041	104.8
45-49	690	162.8	472	105.0	1,162	133.1
50-54	739	207.9	580	150.2	1,319	177.9
55-59	634	226.7	612	196.6	1,246	210.9
60-64	655	282.7	769	290.7	1,424	287.0
65-69	815	376.0	1,051	394.1	1,866	385.9
70-74	1,089	515.8	1,849	667.7	2,938	602.0
75-79	1,500	899.2	3,120	1,265.0	4,620	1,117.4
80-84	1,654	1,621.6	4,355	2,424.3	6,009	2,133.6
85+	2,083	3,178.2	7,087	4,249.9	9,170	3,947.6
All Ages	13,327	231.1	21,838	350.6	35,165	293.2

Source: PHC4.

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

** Per 100,000 population, 2001; 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, 2001

	Gender					
	Male		Female		Total	
	Number	Rate**	Number	Rate**	Number	Rate**
Under 5	18	4.9	14	4.0	32	4.5
5-9	142	34.6	39	10.0	181	22.6
10-14	299	69.7	54	13.2	353	42.1
15-19	117	27.8	11	2.7	128	15.5
20-24	33	9.3	4	.	37	5.3
25-29	31	8.5	7	1.9	38	5.1
30-34	50	12.3	5	1.2	55	6.6
35-39	51	10.8	10	2.1	61	6.4
40-44	60	12.2	20	4.0	80	8.1
45-49	55	13.0	14	3.1	69	7.9
50-54	33	9.3	18	4.7	51	6.9
55-59	13	4.6	7	2.2	20	3.4
60-64	18	7.8	7	2.6	25	5.0
65-69	5	2.3	2	.	7	1.4
70-74	15	7.1	1	.	16	3.3
75-79	6	3.6	1	.	7	1.7
80-84	7	6.9	0	.	7	2.5
85+	2	.	0	.	2	.
All Ages	955	16.6	214	3.4	1,169	9.7

Source: PHC4.

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

** Per 100,000 population, 2001; 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, 2001

	Gender					
	Male		Female		Total	
	Number	Rate**	Number	Rate**	Number	Rate**
Under 5	185	50.7	141	40.6	326	45.8
5-9	45	11.0	23	5.9	68	8.5
10-14	82	19.1	187	45.7	269	32.1
15-19	537	127.8	861	213.4	1,398	169.7
20-24	625	177.0	644	184.0	1,269	180.5
25-29	537	147.6	587	155.7	1,124	151.7
30-34	599	147.0	746	176.7	1,345	162.1
35-39	666	141.0	911	190.2	1,577	165.8
40-44	838	170.7	866	172.2	1,704	171.5
45-49	606	143.0	642	142.8	1,248	142.9
50-54	397	111.7	424	109.8	821	110.7
55-59	221	79.0	273	87.7	494	83.6
60-64	157	67.8	153	57.8	310	62.5
65-69	113	52.1	185	69.4	298	61.6
70-74	115	54.5	168	60.7	283	58.0
75-79	136	81.5	170	68.9	306	74.0
80-84	92	90.2	161	89.6	253	89.8
85+	66	100.7	156	93.6	222	95.6
All Ages	6,017	104.4	7,298	117.2	13,315	111.0

Source: PHC4.

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

** Per 100,000 population, 2001; 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, 2001

	Gender					
	Male		Female		Total	
	Number	Rate**	Number	Rate**	Number	Rate**
Under 5	138	37.8	102	29.4	240	33.7
5-9	39	9.5	24	6.2	63	7.9
10-14	56	13.1	22	5.4	78	9.3
15-19	75	17.8	37	9.2	112	13.6
20-24	83	23.5	40	11.4	123	17.5
25-29	65	17.9	34	9.0	99	13.4
30-34	78	19.1	28	6.6	106	12.8
35-39	89	18.8	41	8.6	130	13.7
40-44	108	22.0	47	9.3	155	15.6
45-49	90	21.2	36	8.0	126	14.4
50-54	103	29.0	43	11.1	146	19.7
55-59	70	25.0	34	10.9	104	17.6
60-64	47	20.3	33	12.5	80	16.1
65-69	31	14.3	33	12.4	64	13.2
70-74	56	26.5	47	17.0	103	21.1
75-79	48	28.8	44	17.8	92	22.3
80-84	37	36.3	54	30.1	91	32.3
85+	28	42.7	52	31.2	80	34.4
All Ages	1,241	21.5	751	12.1	1,992	16.6

Source: PHC4.

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

** Per 100,000 population, 2001; 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, 2001

	Gender					
	Male		Female		Total	
	Number	Rate**	Number	Rate**	Number	Rate**
Under 5	11	3.0	0	.	11	1.5
5-9	1	.	1	.	2	.
10-14	24	5.6	3	.	27	3.2
15-19	270	64.2	30	7.4	300	36.4
20-24	358	101.4	35	10.0	393	55.9
25-29	229	63.0	16	4.2	245	33.1
30-34	140	34.4	11	2.6	151	18.2
35-39	102	21.6	9	1.9	111	11.7
40-44	90	18.3	15	3.0	105	10.6
45-49	58	13.7	6	1.3	64	7.3
50-54	30	8.4	4	.	34	4.6
55-59	16	5.7	2	.	18	3.0
60-64	16	6.9	4	.	20	4.0
65-69	8	3.7	2	.	10	2.1
70-74	4	.	1	.	5	1.0
75-79	7	4.2	1	.	8	1.9
80-84	1	.	0	.	1	.
85+	7	10.7	0	.	7	3.0
All Ages	1,372	23.8	140	2.2	1,512	12.6

Source: PHC4.

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

** Per 100,000 population, 2001; 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, 2001

	Gender					
	Male		Female		Total	
	Number	Rate**	Number	Rate**	Number	Rate**
Under 5	2	.	0	.	2	.
5-9	0	.	0	.	0	.
10-14	5	1.4	1	.	6	.9
15-19	43	12.3	12	3.6	55	8.0
20-24	43	14.6	11	3.8	54	9.3
25-29	23	7.5	2	.	25	4.1
30-34	25	7.2	2	.	27	3.9
35-39	28	6.9	4	.	32	3.9
40-44	32	7.4	6	1.4	38	4.4
45-49	24	6.4	3	.	27	3.5
50-54	13	4.1	1	.	14	2.1
55-59	7	2.8	1	.	8	1.5
60-64	10	4.8	1	.	11	2.5
65-69	4	.	1	.	5	1.1
70-74	2	.	0	.	2	.
75-79	6	3.9	1	.	7	1.8
80-84	1	.	0	.	1	.
85+	4	.	0	.	4	.
All Ages	272	5.5	46	.9	318	3.1

Source: PHC4.

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

** Per 100,000 population, 2001; 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, 2001

	Gender					
	Male		Female		Total	
	Number	Rate**	Number	Rate**	Number	Rate**
Under 5	5	11.3	0	.	5	5.7
5-9	0	.	1	.	1	.
10-14	15	29.5	0	.	15	14.9
15-19	168	362.3	15	34.1	183	202.4
20-24	223	591.6	19	48.0	242	313.1
25-29	145	384.8	11	26.2	156	196.0
30-34	81	204.1	6	14.0	87	105.3
35-39	47	111.5	4	.	51	57.5
40-44	29	71.0	7	15.0	36	41.2
45-49	20	62.5	2	.	22	30.5
50-54	12	49.1	2	.	14	24.7
55-59	5	26.8	1	.	6	13.4
60-64	5	32.5	1	.	6	15.9
65-69	3	.	0	.	3	.
70-74	1	.	1	.	2	.
75-79	0	.	0	.	0	.
80-84	0	.	0	.	0	.
85+	3	.	0	.	3	.
All Ages	762	144.1	70	11.6	832	73.6

Source: PHC4.

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

** Per 100,000 population, 2001; 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, 2001

	Gender					
	Male		Female		Total	
	Number	Rate**	Number	Rate**	Number	Rate**
Under 5	96	26.3	93	26.8	189	26.5
5-9	14	3.4	13	3.3	27	3.4
10-14	84	19.6	40	9.8	124	14.8
15-19	504	119.9	102	25.3	606	73.6
20-24	734	207.8	105	30.0	839	119.3
25-29	502	138.0	87	23.1	589	79.5
30-34	406	99.6	121	28.7	527	63.5
35-39	441	93.3	124	25.9	565	59.4
40-44	419	85.4	104	20.7	523	52.6
45-49	299	70.5	65	14.5	364	41.7
50-54	183	51.5	37	9.6	220	29.7
55-59	71	25.4	20	6.4	91	15.4
60-64	60	25.9	18	6.8	78	15.7
65-69	28	12.9	14	5.2	42	8.7
70-74	29	13.7	14	5.1	43	8.8
75-79	14	8.4	19	7.7	33	8.0
80-84	9	8.8	17	9.5	26	9.2
85+	22	33.6	18	10.8	40	17.2
All Ages	3,915	67.9	1,011	16.2	4,926	41.1

Source: PHC4.

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

** Per 100,000 population, 2001; 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, 2001

	Gender					
	Male		Female		Total	
	Number	Rate**	Number	Rate**	Number	Rate**
Under 5	42	14.3	38	13.7	80	14.0
5-9	6	1.8	8	2.6	14	2.2
10-14	37	10.5	19	5.7	56	8.1
15-19	157	44.9	38	11.3	195	28.4
20-24	238	81.1	35	12.1	273	46.9
25-29	126	41.3	31	10.0	157	25.5
30-34	126	36.5	50	14.1	176	25.1
35-39	155	37.9	52	12.7	207	25.3
40-44	156	36.2	45	10.3	201	23.2
45-49	111	29.5	28	7.1	139	18.1
50-54	75	23.5	20	5.9	95	14.4
55-59	28	11.1	11	4.0	39	7.4
60-64	26	12.4	12	5.1	38	8.5
65-69	11	5.6	9	3.8	20	4.6
70-74	16	8.2	12	4.7	28	6.2
75-79	8	5.2	16	7.0	24	6.3
80-84	6	6.3	13	7.7	19	7.2
85+	10	16.5	12	7.7	22	10.2
All Ages	1,334	26.8	449	8.4	1,783	17.3

Source: PHC4.

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

** Per 100,000 population, 2001; 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, 2001

	Gender					
	Male		Female		Total	
	Number	Rate**	Number	Rate**	Number	Rate**
Under 5	41	92.6	36	83.9	77	88.3
5-9	6	11.3	4	.	10	9.6
10-14	40	78.5	15	30.3	55	54.7
15-19	247	532.6	46	104.5	293	324.1
20-24	320	849.0	52	131.3	372	481.4
25-29	235	623.6	36	85.9	271	340.4
30-34	181	456.2	53	123.3	234	283.1
35-39	204	484.1	49	105.4	253	285.5
40-44	182	445.8	48	103.0	230	263.1
45-49	136	424.9	22	54.8	158	219.0
50-54	82	335.5	11	34.2	93	164.3
55-59	29	155.3	8	30.5	37	82.4
60-64	24	155.9	2	.	26	68.9
65-69	15	100.8	3	.	18	48.9
70-74	11	86.3	0	.	11	34.9
75-79	4	.	1	.	5	20.4
80-84	1	.	1	.	2	.
85+	10	270.9	3	.	13	97.4
All Ages	1,768	334.3	390	64.8	2,158	190.9

Source: PHC4.

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

** Per 100,000 population, 2001; 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, 2001

	Gender					
	Male		Female		Total	
	Number	Rate**	Number	Rate**	Number	Rate**
Under 5	4	.	0	.	4	.
5-9	2	.	1	.	3	.
10-14	60	14.0	170	41.6	230	27.5
15-19	416	99.0	812	201.3	1,228	149.1
20-24	533	150.9	598	170.9	1,131	160.8
25-29	431	118.5	515	136.6	946	127.7
30-34	419	102.8	629	149.0	1,048	126.3
35-39	445	94.2	732	152.8	1,177	123.7
40-44	492	100.2	653	129.9	1,145	115.2
45-49	333	78.6	469	104.3	802	91.8
50-54	192	54.0	279	72.3	471	63.5
55-59	98	35.0	173	55.6	271	45.9
60-64	70	30.2	64	24.2	134	27.0
65-69	32	14.8	70	26.2	102	21.1
70-74	39	18.5	51	18.4	90	18.4
75-79	33	19.8	33	13.4	66	16.0
80-84	31	30.4	29	16.1	60	21.3
85+	20	30.5	28	16.8	48	20.7
All Ages	3,650	63.3	5,306	85.2	8,956	74.7

Source: PHC4.

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

** Per 100,000 population, 2001; 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, 2001

	Gender					
	Male		Female		Total	
	Number	Rate**	Number	Rate**	Number	Rate**
Under 5	2	.	0	.	2	.
5-9	2	.	0	.	2	.
10-14	41	11.6	125	37.2	166	24.1
15-19	330	94.3	600	178.3	930	135.5
20-24	419	142.8	450	155.9	869	149.3
25-29	323	106.0	382	122.7	705	114.4
30-34	312	90.3	487	137.0	799	114.0
35-39	341	83.5	590	143.7	931	113.7
40-44	370	85.8	547	125.3	917	105.7
45-49	256	67.9	379	96.4	635	82.5
50-54	149	46.6	234	68.7	383	58.0
55-59	78	30.9	150	54.4	228	43.2
60-64	55	26.2	55	23.4	110	24.7
65-69	25	12.7	61	25.5	86	19.7
70-74	31	15.9	47	18.5	78	17.4
75-79	27	17.4	29	12.7	56	14.6
80-84	28	29.2	27	16.1	55	20.8
85+	17	28.0	25	16.1	42	19.5
All Ages	2,806	56.4	4,188	78.2	6,994	67.7

Source: PHC4.

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

** Per 100,000 population, 2001; 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, 2001

	Gender					
	Male		Female		Total	
	Number	Rate**	Number	Rate**	Number	Rate**
Under 5	1	.	0	.	1	.
5-9	0	.	1	.	1	.
10-14	6	11.8	19	38.3	25	24.9
15-19	27	58.2	79	179.4	106	117.3
20-24	46	122.0	49	123.8	95	122.9
25-29	51	135.3	56	133.6	107	134.4
30-34	46	115.9	51	118.7	97	117.4
35-39	47	111.5	61	131.2	108	121.9
40-44	49	120.0	49	105.2	98	112.1
45-49	31	96.8	30	74.7	61	84.5
50-54	15	61.4	14	43.5	29	51.2
55-59	5	26.8	7	26.7	12	26.7
60-64	6	39.0	0	.	6	15.9
65-69	1	.	1	.	2	.
70-74	4	.	1	.	5	15.9
75-79	3	.	1	.	4	.
80-84	0	.	1	.	1	.
85+	1	.	0	.	1	.
All Ages	339	64.1	420	69.8	759	67.2

Source: PHC4.

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

** Per 100,000 population, 2001; 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 objectives set in *Healthy People 2010* - Selected Injury related Objectives: 15-1; 15-2; 15-28. Additionally, 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 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 2001. 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. Occupant	810-819 (.0,.1)			
9. Motorcyclist	810-819 (.2,.3)			
10. Pedal cyclist	810-819 (.6)			
11. Pedestrian	810-819 (.7)			
12. Unspecified	810-819 (.9)			
13. Other	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
E 885, E 886.(0,9)	E 880.(0,1,9), E 881.(0,1), E 884.(0,1,2,3,4,5,6,9) E 957.(0,1,2,9), E 968.1, E 987.(0,1,2,9)	E 882	E 883.(0,1,2,9)	E 804.(0,1,2,3,8,9), E 833.(0,1,2,3,4,5,6,8,9), E 834.(0,1,2,3,4,5,6,8,9), E 835.(0,1,2,3,4,5,6,8,9), E 843.(0,1,2,3,4,5,6,7,8,9), E 888, E 988.0
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
E 826.1	E 810.6, E 811.6, E 812.6, E 813.6, E 814.6, E 815.6, E 816.6, E 817.6, E 818.6, E 819.6	E 820.6, E 821.6, E 822.6, E 823.6, E 824.6, E 825.6	E 800.3, E 801.3, E 802.3, E 803.3, E 805.3, E 806.3, E 807.3	E 826.(0,9)
Fire, Burns & Related Asphyxia Injuries (by Specific E-coded Mechanism)				
Conflagration	Controlled Fire	Clothing Ignition	Hot Substance Burns/ Scalds	Other & Unspecified
E 890.(0,1,2,3,8,9), E 891.(0,1,2,3,8,9), E 892, E 968.0	E 895, E 896, E 897, E 958.1, E 988.1	E 893.(0,1,2,8,9), E 894	E 924.(0,1,2,8,9), E 958.2, E 968.3, E 988.2	E 898.(0,1), E 899, E 988.7 E 990.(0,9)
Firearm Injuries (by E-coded Type of Firearm)				
Handguns	Shotguns	Hunting Rifles	Military	Other & Unspecified
E 922.0, E 955.0, E 965.0, E 985.0	E 922.1, E 955.1, E 965.1, E 985.1	E 922.2, E 955.2, E 965.2, E 985.2	E 922.3, E 955.3, E 965.3, E 970, E 985.3	E 922.(8,9), E 955.(4,9), E 965.4, E 985.4, E 991.(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 2010 Objectives

Healthy People 2010: Understanding and Improving Health's Injury and Violence Prevention Objectives establishes specific objectives for improving the health of all Americans. Only 2 objectives can be directly assessed using the state hospital discharge data. A third 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 2001.

Healthy People Year 2010 Objective	Pennsylvania Rate, 2001	Factor Above Target
Objective 15-1: Reduce nonfatal head injuries so that hospitalizations for this condition are no more than 45 per 100,000 people	The rate for nonfatal head injury hospitalizations in Pennsylvania was 91.9 per 100,000 people.	2.0
Objective 15-2: Reduce nonfatal spinal cord injuries so that hospitalizations for this condition are no more than 2.4 per 100,000 people	The rate for nonfatal spinal cord injury hospitalizations in Pennsylvania was 6.2 per 100,000 people.	2.6
Objective 15-28a: Reduce hip fractures among females aged 65 and older so that hospitalizations for this condition are no more than 416 per 100,000 people	The rate for hip fracture hospitalizations among females aged 65 and older in Pennsylvania was 969.8 per 100,000 people.	2.3
Objective 15-28b: Reduce hip fractures among males aged 65 and older so that hospitalizations for this condition are no more than 474 per 100,000 people	The rate for hip fracture hospitalizations among males aged 65 and older in Pennsylvania was 504.0 per 100,000 people.	1.1

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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).