

**Injury Deaths and Hospitalizations in
Pennsylvania
2002-2006**



ACKNOWLEDGMENTS

This publication was prepared by the Bureau of Health Statistics and Research of the Pennsylvania Department of Health and was based in part on previous reports prepared by Tom Truong, MS, and Harold (Hank) Weiss, PhD., M.P.H., MS, from the Center for Injury Research and Control (CIRCL), Department of Neurological Surgery, University of Pittsburgh and on *Pennsylvania Injury Deaths, 2000-2004*, also prepared by the Pennsylvania Department of Health, Bureau of Health Statistics and Research.

Some 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. Please see the technical notes at the end of this report for more information.

This report is supported by cooperative agreement #U17/CCU324804 from the Centers for Disease Control and Prevention. The content is solely the responsibility of the authors and does not necessarily represent the official views of the Centers for Disease Control and Prevention.

If you use or release any of the data in this report, please include the following statement:

“These data were provided by the Bureau of Health Statistics and Research, Pennsylvania Department of Health. The Department specifically disclaims responsibility for any analyses, interpretations or conclusions.”

TABLE OF CONTENTS

	Page
Executive Summary	1
Injury Deaths	
All Injury Deaths.....	4
Unintentional Injury Deaths	14
Unintentional Motor Vehicle Traffic Deaths	23
Unintentional Fall-Related Deaths	31
Poisoning Deaths	39
Firearm-Related Deaths	47
Suicide	55
Homicide	64
<i>Mortality Appendices</i>	
Fatal Traumatic Brain Injuries	74
Leading Causes of Injury Death	76
Injury Hospitalizations	
All Injury Hospitalizations.....	84
Unintentional Injury Hospitalizations.....	96
Unintentional Motor Vehicle Traffic Hospitalizations	105
Unintentional Fall-Related Hospitalizations	113
Poisoning Hospitalizations	121
Self-Poisoning Hospitalizations.....	129
Self-Inflicted Injury Hospitalizations	137
Assault Injury Hospitalizations	146
<i>Hospitalization Appendices</i>	
Hospitalized Traumatic Brain Injuries.....	156
Leading Causes of Hospitalized Injury	158
Hospitalization Summary Tables, Gender and Race.....	164
Hospitalization Cost Tables.....	172
Technical Notes	174

EXECUTIVE SUMMARY

Injury is a serious public health problem in Pennsylvania and in the nation because of its impact on health, including premature death, disability and the burden on the health care system. In 2006, unintentional injury was the leading cause of death among children and adults ages one through 44, both in Pennsylvania and on the national level. In the same year, unintentional injuries ranked as the fifth leading cause of death overall for Pennsylvanians, contributing to 5,299 unintentional injury deaths.

Although unintentional injuries make up the largest part of the injury burden, a substantial number of injury deaths are intentional. In 2006, among Pennsylvanians ages 15 through 34, homicide was the leading cause of death for blacks, and suicide was the second leading cause of death for whites. Firearms were the leading mechanism of suicide and homicide in 2006, both in Pennsylvania and on the national level¹.

Mortality statistics alone do not convey the full impact of injury. In 2006, Pennsylvania hospitals reported discharging 142,030 residents with injury-related admissions, a weekly average of 2,731 persons requiring hospital care due to preventable injury. The total charges for hospitalized injury discharges in Pennsylvania in 2006 exceeded \$5.7 billion.

This report describes the injury problem in Pennsylvania using Pennsylvania Vital Statistics and the state Hospital Discharge Data (HDD) compiled by the Pennsylvania Health Care Cost Containment Council (PHC4). This report updates information in the Combined Injury Report for 2001-2005. A section on self-poisoning hospitalizations has been added, and the injury sections have been redefined to make the hospitalization and death sections comparable. Tables, charts and maps have been modified only slightly.

The 142,030 reported injury discharges among Pennsylvania residents treated in Pennsylvania hospitals during 2006 correspond to a rate of 1,054.5 hospitalizations per 100,000 persons. The leading causes of hospitalized injury were falls, poisonings and motor vehicle accidents. The great majority of injuries were reported as unintentional. One subgroup of the population with very high rates was the elderly ages 85 and over, with an overall hospitalization rate of 10,025 injury hospitalizations per 100,000 in 2006.

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

Second, this report has identified specific segments of the population at highest risk for injury in general and for specific causes of injury. For example, the highest rate of injury among ages 50+ was unintentional falls. Alternatively, within specific causes, the highest rate of motor vehicle injury was among ages 20-24. This type of 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, such as bicycle helmet programs for children, suicide prevention programs for

persons 15-44 years of age and fire prevention programs that distribute smoke detectors for specific counties that have a higher prevalence of fire and burn injuries.

Finally, data in this report series supports useful trend analysis in the state. Such trend analysis is important in tracking the progress of the state toward achieving the Healthy People 2010 Injury Prevention objectives and other goals that are based on hospitalizations or death indices.

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

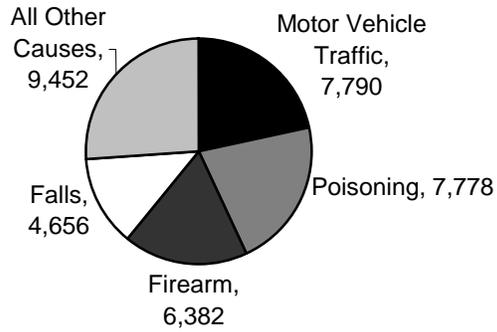
ⁱ National Center for Health Statistics Vital Statistics System, WISQARS. Available online at <http://www.cdc.gov/ncipc/wisqars/>. Accessed September 1, 2009.

**Injury Deaths
2002-2006**

INJURY DEATHS

- Fatal injuries include all deaths from unintentional injuries, suicides, homicides, legal intervention or injuries of undetermined intent and the sequelae or "late effects" of these types of injuries. (See Technical notes.)
- Between 2002 and 2006, 36,058 Pennsylvanians died due to injury. The average annual age-adjusted rate for this period was 55.6. The highest annual number and age-adjusted rate for 2002-2006 were seen in 2005 (7,589 and 58.0), representing an increase from 2002.
- Between 2002 and 2006, the highest age-adjusted death rates have been among males (especially black males). The rates for males have been increasing during the five-year period 2002-2006, while the trend for females has been variable.
- Among the four sex/race groups, the lowest annual age-adjusted death rates for injuries occurred among females. 2006 is the only year during 2002-2006 in which black females showed a lower age-adjusted death rate than white females, 29.7 versus 30.9 deaths per 100,000, respectively.
- As occurred with the age-adjusted rates, males had higher age-specific death rates for every age group during the five-year period of 2002-2006.
- All four sex/race groups had their highest age-specific death rates among the oldest age groups, those aged 85 and older. However, some rather high rates were also recorded for younger males, especially black males in the age groups 20-24 (242.1) and 25-29 (235.3).
- Twenty-nine percent of the 36,058 deaths due to injuries during 2002-2006 occurred among residents ages 65 and older. Residents of age 65 and older comprised about 15 percent of the total population during this time.
- Approximately nine percent of all injury deaths were to children and youth less than 20 years of age between 2002 and 2006. There were 3,192 deaths recorded for these young residents during those five years.
- Fifteen counties had average annual age-adjusted death rates for 2002-2006 that were determined to be significantly higher than the corresponding state rate.
- Fifteen counties had average annual age-adjusted death rates for 2002-2006 that were determined to be significantly lower than the corresponding state rate.

**INJURY DEATHS BY MECHANISM & NUMBER
PENNSYLVANIA RESIDENTS, 2002-2006**



**HIGHEST AGE-ADJUSTED DEATH RATES:
Males**

**HIGHEST AGE-SPECIFIC DEATH RATES:
Young (ages 20-29) black males;
the elderly**

ALL FATAL INJURIES
TOTAL NUMBER OF DEATHS AND AGE-ADJUSTED DEATH RATES, MECHANISM BY INTENT
PENNSYLVANIA RESIDENTS, 2002-2006

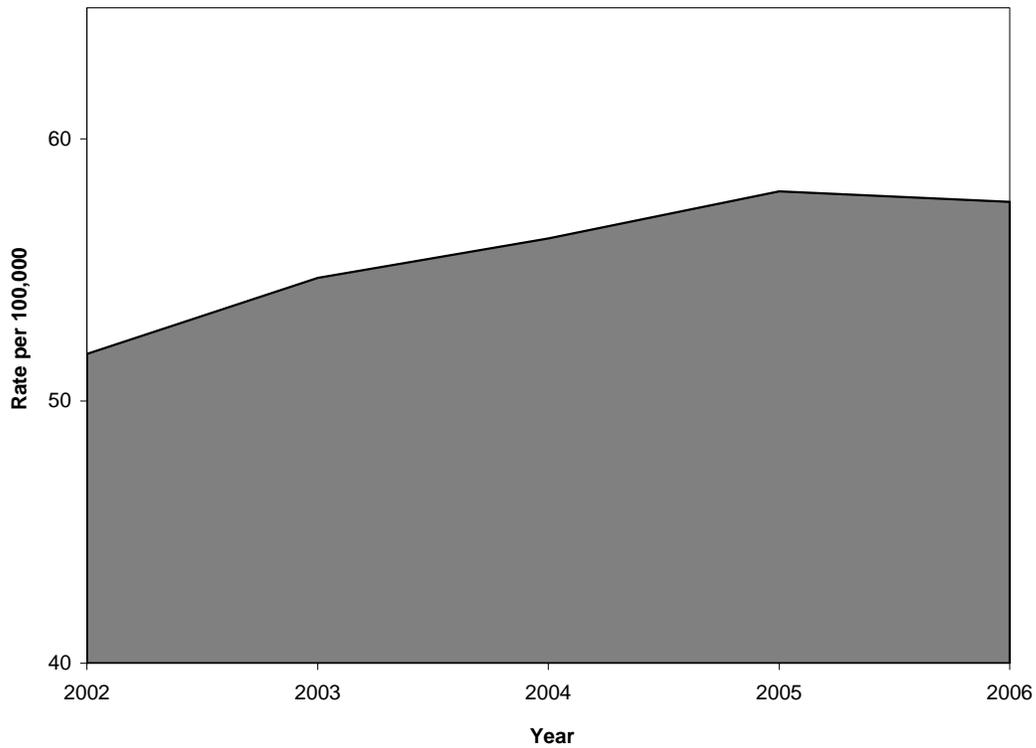
Injury Mechanisms	Unintentional		Suicide		Homicide		Undetermined		Other		Total	
	No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate
Drowning/Submersion	423	0.7	75	0.1	8	-	53	0.1	-	-	559	0.9
Total Falls	4,502	6.0	135	0.2	4	-	15	-	-	-	4,656	6.2
Fall from same level	1,301	1.7	-	-	-	-	-	-	-	-	1,301	1.7
Fall from one level to another	1,273	1.8	135	0.2	4	-	15	-	-	-	1,427	2.0
Unspecified Fall	1,928	2.5	-	-	-	-	-	-	-	-	1,928	2.5
Fire, Smoke, and Flame	795	1.2	33	0.0	55	0.1	25	0.0	-	-	908	1.4
Firearm	133	0.2	3,635	5.6	2,528	4.2	44	0.1	42	0.1	6,382	10.2
Hanging, strangulation and suffocation	117	0.2	1,544	2.5	117	0.2	26	0.0	-	-	1,804	2.9
Inhalation/ingestion causing respiratory obstruction	1,402	1.9	-	-	-	-	-	-	-	-	1,402	1.9
Total MV (Motor Vehicle)	8,050	12.6	13	-	9	-	2	-	-	-	8,074	12.7
Motor Vehicle Non-traffic (MVNT)	260	0.4	13	-	9	-	2	-	-	-	284	0.4
Total MVT (Motor Vehicle Traffic)	7,790	12.2	-	-	-	-	-	-	-	-	7,790	12.2
MVT Occupant	1,545	2.4	-	-	-	-	-	-	-	-	1,545	2.4
MVT Motorcyclist	771	1.3	-	-	-	-	-	-	-	-	771	1.3
MVT Pedal Cyclist	76	0.1	-	-	-	-	-	-	-	-	76	0.1
MVT Pedestrian	844	1.3	-	-	-	-	-	-	-	-	844	1.3
MVT Unspecified	4,455	6.9	-	-	-	-	-	-	-	-	4,455	6.9
MVT Other	99	0.2	-	-	-	-	-	-	-	-	99	0.2
Transport, other	133	0.2	-	-	-	-	-	-	-	-	133	0.2
Pedal Cyclist, other	25	0.0	-	-	-	-	-	-	-	-	25	0.0
Pedestrian, other	104	0.2	-	-	-	-	-	-	-	-	104	0.2
Total Poisoning	6,256	10.4	1,128	1.8	26	0.0	368	0.6	-	-	7,778	12.8
Poisoning: exposure to drugs and biological substances	5,992	10.0	753	1.2	20	0.0	348	0.6	-	-	7,113	11.8
Poisoning: exposure to other/unspecified solid or liquid substances and their vapors	83	0.1	34	0.1	2	-	7	-	-	-	126	0.2
Poisoning: exposure to other gases/vapors	181	0.3	341	0.5	4	-	13	-	-	-	539	0.8
Sharp Object	3	-	130	0.2	337	0.5	6	-	-	-	476	0.8
Other and Unspecified	3,113	4.4	136	0.2	390	0.6	109	0.2	9	-	3,757	5.4
Total	25,056	38.0	6829	10.7	3474	5.8	648	1.1	51	0.1	36,058	55.6

*0.0 in rate column indicates rate less than 0.1 Rates not calculated for less than 20 events

**ALL FATAL INJURIES
TOTAL NUMBER OF DEATHS AND AGE-ADJUSTED DEATH RATES
PENNSYLVANIA RESIDENTS, 2002-2006**

Year	No.	Rate
2002	6,652	51.8
2003	7,066	54.7
2004	7,314	56.2
2005	7,589	58.0
2006	7,437	57.6

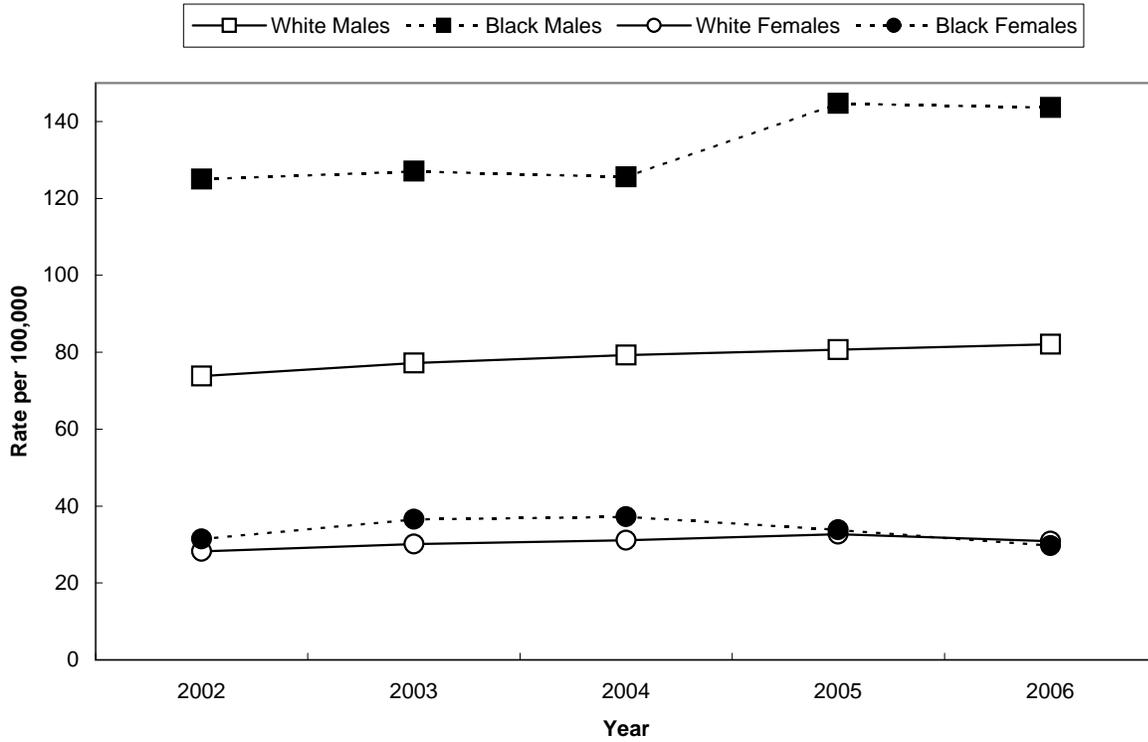
NOTES: Age-adjusted rates are computed by the direct method using the 2000 standard million population. Rates are per 100,000.
Data for 2002-2006 based on ICD-10 cause of death codes.
See Technical Notes.



ALL FATAL INJURIES
TOTAL NUMBER OF DEATHS AND AGE-ADJUSTED DEATH RATES BY SEX AND RACE
PENNSYLVANIA RESIDENTS, 2002-2006

Year	Males						Females					
	All Races		White		Black		All Races		White		Black	
	No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate
2002	4,566	77.9	3,809	73.8	716	125.0	2,086	28.2	1,863	28.2	202	31.4
2003	4,829	81.4	4,023	77.2	757	127.1	2,236	30.5	1,967	30.1	239	36.6
2004	4,985	83.2	4,188	79.3	748	125.6	2,329	31.4	2,061	31.1	246	37.2
2005	5,191	86.3	4,267	80.7	864	144.7	2,398	32.4	2,150	32.7	225	33.8
2006	5,187	87.6	4,232	82.1	884	143.6	2,250	30.5	2,020	30.9	201	29.7

NOTES: Age-Adjusted rates are computed by the direct method using the 2000 U.S. standard million population. Rates are per 100,000.
 Data for 2002-2006 based on ICD-10 cause of death codes.
 See Technical Notes.



ALL FATAL INJURIES
TOTAL NUMBER OF DEATHS AND AVERAGE ANNUAL AGE-SPECIFIC DEATH RATES BY SEX AND RACE
PENNSYLVANIA RESIDENTS, 2002-2006

AGE GROUP	ALL DEATHS NO. RATE		MALES						FEMALES					
			ALL RACES NO. RATE		WHITE NO. RATE		BLACK NO. RATE		ALL RACES NO. RATE		WHITE NO. RATE		BLACK NO. RATE	
TOTAL ***	36,058	58.2	24,758	82.5	20,519	79.0	3,969	128.8	11,299	35.4	10,061	36.5	1,113	32.6
< 5	488	13.3	274	14.6	185	12.1	85	33.8	214	12.0	154	10.5	53	21.8
5-9	200	5.1	133	6.7	99	6.1	32	11.8	67	3.5	44	2.8	21	8.0
10-14	357	8.6	231	10.8	173	9.8	52	17.9	126	6.2	93	5.6	31	11.0
15-19	2,147	47.0	1,663	71.9	1,213	63.1	431	145.9	484	21.4	426	22.7	51	17.7
20-24	3,274	78.7	2,680	127.1	1,995	113.8	638	242.1	594	28.9	516	30.3	68	26.0
25-29	2,496	69.9	2,053	113.4	1,492	99.2	528	235.3	443	25.1	372	25.6	60	26.4
30-34	2,249	58.5	1,734	90.3	1,316	80.9	394	185.6	515	26.7	434	26.9	69	30.2
35-39	2,727	63.1	2,008	93.9	1,630	88.3	350	159.8	719	33.0	599	32.2	107	43.9
40-44	3,242	68.9	2,374	102.1	2,046	100.4	303	136.9	868	36.5	751	36.5	110	43.9
45-49	3,167	67.6	2,326	100.7	2,001	97.6	312	154.1	841	35.4	721	34.7	112	47.7
50-54	2,383	55.4	1,760	83.5	1,486	78.5	258	152.8	623	28.4	538	27.7	78	38.5
55-59	1,687	46.2	1,255	71.1	1,079	67.6	167	127.5	432	22.9	377	22.4	52	31.6
60-64	1,210	40.9	862	61.4	767	60.1	89	90.5	347	22.3	305	21.9	39	29.9
65-69	1,144	45.3	748	65.2	653	62.1	84	109.7	396	28.8	351	28.2	38	34.7
70-74	1,327	58.0	841	85.0	771	84.2	66	107.2	486	37.4	443	37.3	35	36.2
75-79	1,875	93.4	1,085	134.3	1,023	135.7	57	124.4	790	65.8	725	65.3	61	76.8
80-84	2,327	159.7	1,213	224.4	1,141	225.6	65	224.1	1,114	121.5	1,064	124.8	44	77.6
85 +	3,742	307.1	1,503	435.4	1,439	445.7	56	303.9	2,239	256.4	2,148	264.1	84	161.8

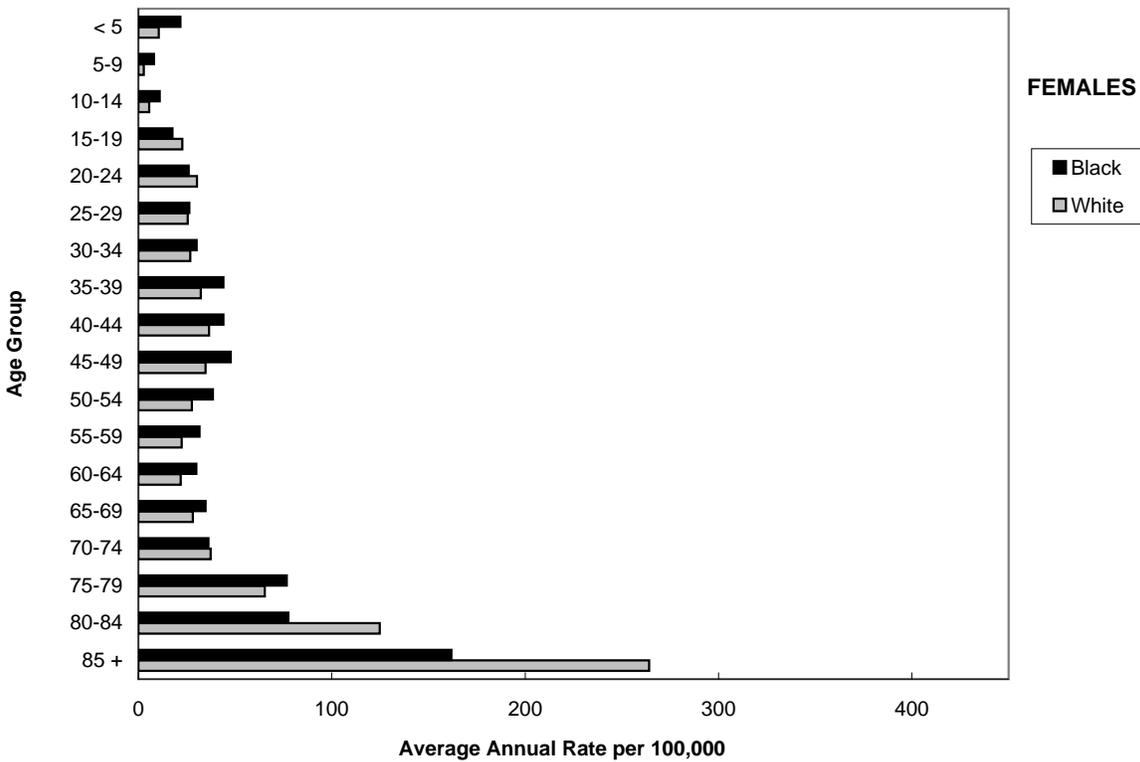
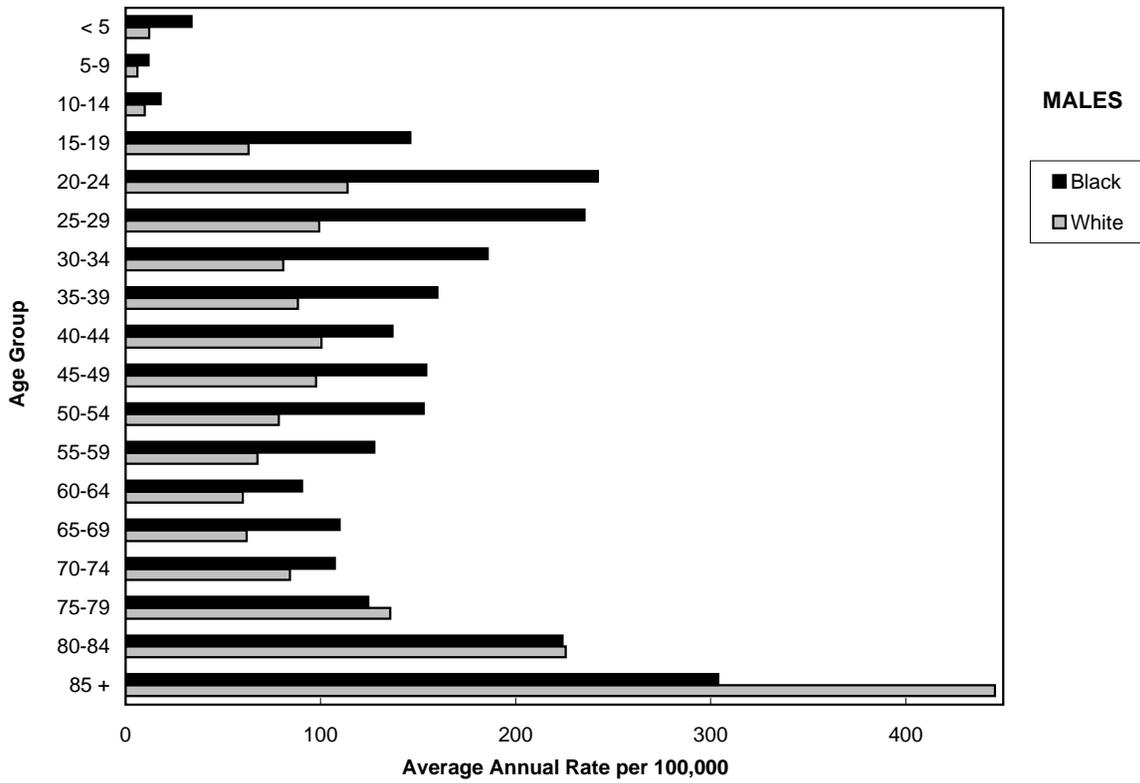
*** Unknowns included in totals.

NOTES: Rates are per 100,000 population (2002-2006) for each specified group.

Data for 2002-2006 based on ICD-10 cause of death codes.

See Technical Notes.

**ALL FATAL INJURIES
AVERAGE ANNUAL AGE-SPECIFIC DEATH RATES
BY SEX AND RACE, PENNSYLVANIA RESIDENTS, 2002-2006**



ALL FATAL INJURIES
NUMBER OF DEATHS, AVERAGE ANNUAL AGE-ADJUSTED DEATH RATES, 95 % CONFIDENCE INTERVALS,
AND SIGNIFICANCE TEST RESULTS, BY HEALTH DISTRICT, PENNSYLVANIA RESIDENTS, 2002-2006

District/County	No.	Rate	CI (95%)	District/County	No.	Rate	CI (95%)
Northwest	2,696	54.1	52.06-56.14	Southwest	8,397	56.6	55.39-57.81
Cameron	22	64.0	37.26-90.74	Allegheny	3,709	55.2	53.42-56.98
Clarion	110	53.4	43.42-63.38	Armstrong	262	70.3	61.79-78.81 +
Clearfield	278	62.4	55.06-69.74	Beaver	495	51.1	46.60-55.60
Crawford	285	59.9	52.95-66.85	Butler	480	51.8	47.17-56.43
Elk	106	60.6	49.06-72.14	Cambria	546	67.7	62.02-73.38 +
Erie	696	47.7	44.16-51.24 -	Fayette	506	65.8	60.07-71.53 +
Forest	23	84.0	49.67-118.33	Greene	138	64.9	54.07-75.73
Jefferson	139	56.7	47.27-66.13	Indiana	273	59.6	52.53-66.67
Lawrence	268	54.3	47.80-60.80	Somerset	264	61.3	53.91-68.69
McKean	118	50.2	41.14-59.26	Washington	591	53.2	48.91-57.49
Mercer	323	51.4	45.79-57.01	Westmoreland	1,133	56.7	53.40-60.00
Venango	201	68.8	59.29-78.31 +				
Warren	127	57.7	47.66-67.74				
North Central	1,766	48.9	46.62-51.18 -	South Central	4,392	53.5	51.92-55.08 -
Bradford	182	57.1	48.80-65.40	Adams	253	50.6	44.36-56.84
Centre	266	43.8	38.54-49.06 -	Bedford	185	75.3	64.45-86.15 +
Clinton	105	52.1	42.13-62.07	Blair	468	68.8	62.57-75.03 +
Columbia	188	54.5	46.71-62.29	Cumberland	464	39.8	36.18-43.42 -
Lycoming	317	49.4	43.96-54.84 -	Dauphin	645	49.8	45.96-53.64 -
Montour	54	56.0	41.06-70.94	Franklin	352	49.3	44.15-54.45 -
Northumberland	273	54.6	48.12-61.08	Fulton	65	87.8	66.46-109.14 +
Potter	57	59.9	44.35-75.45	Huntingdon	142	61.0	50.97-71.03
Snyder	92	46.4	36.92-55.88	Juniata	81	69.9	54.68-85.12
Sullivan	20	59.5	33.42-85.58	Lebanon	296	44.2	39.16-49.24 -
Tioga	112	50.9	41.47-60.33	Mifflin	161	70.2	59.36-81.04 +
Union	100	43.7	35.13-52.27 -	Perry	133	59.8	49.64-69.96
				York	1,147	56.5	53.23-59.77
Northeast	4,432	55.2	53.57-56.83	Southeast	14,375	57.3	56.36-58.24 +
Carbon	219	65.8	57.09-74.51 +	Berks	1,019	50.8	47.68-53.92 -
Lackawanna	636	58.0	53.49-62.51	Bucks	1,439	47.9	45.43-50.37 -
Lehigh	908	52.6	49.18-56.02	Chester	897	39.9	37.29-42.51 -
Luzerne	1,000	60.2	56.47-63.93 +	Delaware	1,529	52.4	49.77-55.03 -
Monroe	450	58.5	53.09-63.91	Lancaster	1,138	46.1	43.42-48.78 -
Northampton	630	41.5	38.26-44.74 -	Montgomery	1,783	44.0	41.96-46.04 -
Pike	136	52.2	43.43-60.97	Philadelphia	6,022	80.6	78.56-82.64 +
Susquehanna	146	67.0	56.13-77.87 +	Schuylkill	548	68.7	62.95-74.45 +
Wayne	202	80.7	69.57-91.83 +				
Wyoming	105	77.5	62.68-92.32 +				
				Pennsylvania	36,058	55.6	55.03-56.17

NOTE: A+ or - after the confidence interval (CI) denotes if the county rate was significantly higher or lower than the state rate. No + or - after a CI denotes no significant difference. CIs were not calculated for rates based on less than 20 events due to unreliability. Data for 2002-2006 based on ICD-10 cause of death codes. See Technical Notes.

ALL FATAL INJURIES
NUMBER OF DEATHS, TOTAL AND BY SELECTED AGE GROUPS, BY HEALTH DISTRICT
PENNSYLVANIA RESIDENTS, 2002-2006

COUNTY	TOTAL DEATHS*	AGE AT DEATH (IN YEARS)		
		< 20	20-64	65+
Pennsylvania	36,058	3,192	22,435	10,415
Northwest	2,696	266	1,591	838
Cameron	22	0	11	11
Clarion	110	12	64	34
Clearfield	278	32	163	83
Crawford	285	29	154	102
Elk	106	7	69	30
Erie	696	62	421	213
Forest	23	2	16	5
Jefferson	139	22	75	42
Lawrence	268	25	160	82
McKean	118	11	76	31
Mercer	323	28	191	104
Venango	201	20	122	59
Warren	127	16	69	42
North Central	1,766	217	965	583
Bradford	182	30	96	56
Centre	266	19	169	78
Clinton	105	15	60	29
Columbia	188	28	92	68
Lycoming	317	37	176	104
Montour	54	9	25	20
Northumberland	273	28	154	91
Potter	57	10	26	21
Snyder	92	12	49	31
Sullivan	20	1	13	6
Tioga	112	17	51	44
Union	100	11	54	35
Northeast	4,432	336	2,764	1,328
Carbon	219	9	139	68
Lackawanna	636	49	421	166
Lehigh	908	67	504	337
Luzerne	1,000	57	680	263
Monroe	450	54	297	98
Northampton	630	49	343	238
Pike	136	12	89	35
Susquehanna	146	16	89	41
Wayne	202	17	131	54
Wyoming	105	6	71	28

COUNTY	TOTAL DEATHS*	AGE AT DEATH (IN YEARS)		
		< 20	20-64	65+
Southwest	8,397	624	5,131	2,641
Allegheny	3,709	269	2,360	1,079
Armstrong	262	27	146	89
Beaver	495	22	292	181
Butler	480	54	276	150
Cambria	546	50	336	160
Fayette	506	38	327	141
Greene	138	12	91	35
Indiana	273	21	152	100
Somerset	264	26	147	91
Washington	591	39	357	195
Westmoreland	1,133	66	647	420
South Central	4,392	458	2,591	1,342
Adams	253	38	151	64
Bedford	185	21	118	46
Blair	468	34	275	159
Cumberland	464	54	261	149
Dauphin	645	60	414	171
Franklin	352	34	198	119
Fulton	65	4	42	19
Huntingdon	142	25	84	33
Juniata	81	13	44	24
Lebanon	296	29	160	107
Mifflin	161	15	105	41
Perry	133	20	81	32
York	1,147	111	658	378
Southeast	14,375	1,291	9,393	3,683
Berks	1,019	87	623	309
Bucks	1,439	114	892	431
Chester	897	79	536	282
Delaware	1,529	109	925	495
Lancaster	1,138	148	665	324
Montgomery	1,783	99	992	692
Philadelphia	6,022	608	4,422	987
Schuylkill	548	47	338	163

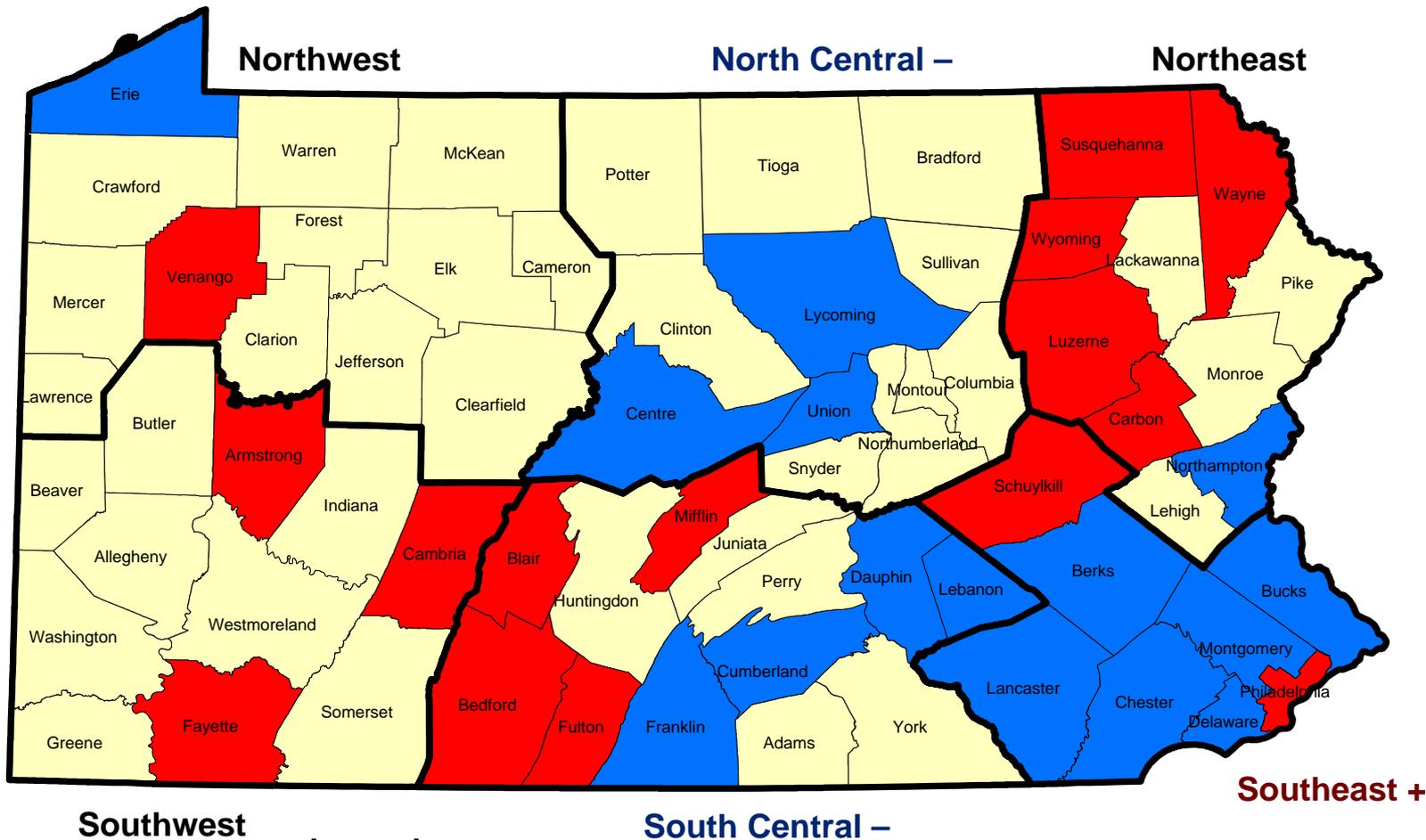
NOTE: * Unknowns included in totals.

Data for 2002-2006 based on ICD-10 cause of death codes.

See Technical Notes.

**AVERAGE ANNUAL AGE-ADJUSTED DEATH RATES AND SIGNIFICANCE TEST RESULTS
BY COUNTY AND PA HEALTH DISTRICT, PENNSYLVANIA RESIDENTS, 2002-2006**

All Injury Deaths



Legend

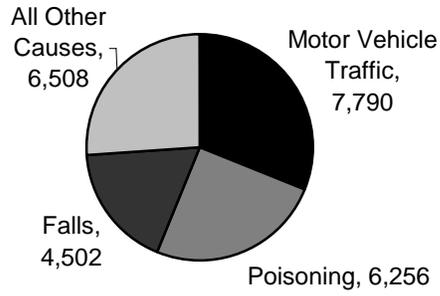
- Rate Significantly Lower than PA
- Rate Significantly Higher than PA
- No Significant Difference from PA

If the district rate was significantly higher or lower than the state rate, a + or - follows the name. No sign indicates no significant difference.

UNINTENTIONAL INJURY DEATHS

- Between 2002 and 2006, 25,056 Pennsylvanians died due to unintentional injury, accounting for nearly 70 percent of all injury deaths in this time period. The average annual age-adjusted rate for this period was 38.0 per 100,000 persons. The highest annual number and age-adjusted rate for 2002-2006 were seen in 2005 (5,314 and 39.8). The annual figures increased from 2002-2005.
- Between 2002 and 2006, the highest age-adjusted death rates occurred among males. The rates for males increased during the five-year period 2002-2006, while there were no clear trends for females.
- Among the four sex/race groups, the lowest annual age-adjusted death rates for injuries fluctuated between white females and black females.
- As occurred with the age-adjusted rates, males had higher age-specific death rates for every age group during the five-year period of 2002-2006. All four sex/race groups had their highest age-specific death rates among the oldest age groups, those aged 85 and older.
- Thirty-six percent of the 24,437 deaths due to unintentional injuries during 2002-2006 occurred among residents ages 65 and older. Residents ages 65 and older comprised about 15 percent of the total population during this time.
- Approximately 8 percent of all unintentional injury deaths were to children and youth less than 20 years of age between 2002 and 2006. There were 2,087 deaths recorded for these young residents during those five years.
- Twenty-six counties had average annual age-adjusted death rates for 2002-2006 that were significantly higher than the corresponding state rate.
- Twelve counties had average annual age-adjusted death rates for 2002-2006 that were determined to be significantly lower than the corresponding state rate.

**UNINTENTIONAL INJURY DEATHS
BY MECHANISM & NUMBER
PENNSYLVANIA RESIDENTS, 2002-2006**



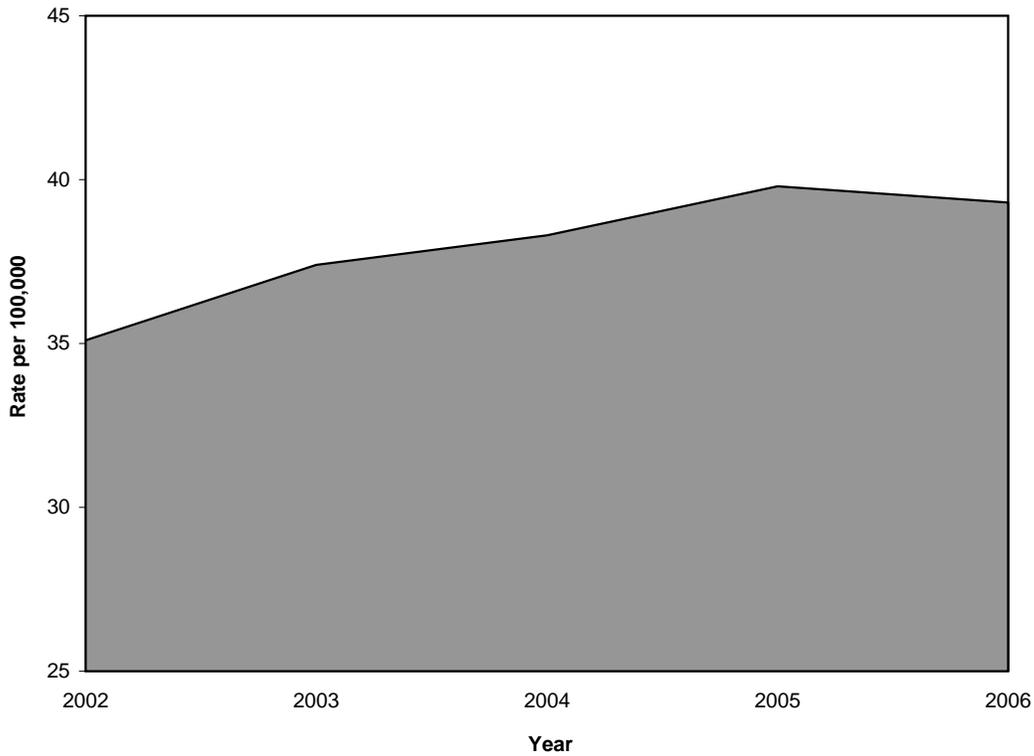
**HIGHEST AGE-ADJUSTED DEATH RATES:
Males**

**HIGHEST AGE-SPECIFIC DEATH RATES:
The elderly (age 75+)**

**FATAL UNINTENTIONAL INJURIES
TOTAL NUMBER OF DEATHS AND AGE-ADJUSTED DEATH RATES
PENNSYLVANIA RESIDENTS, 2002-2006**

Year	No.	Rate
2002	4,587	35.1
2003	4,921	37.4
2004	5,091	38.3
2005	5,314	39.8
2006	5,143	39.3

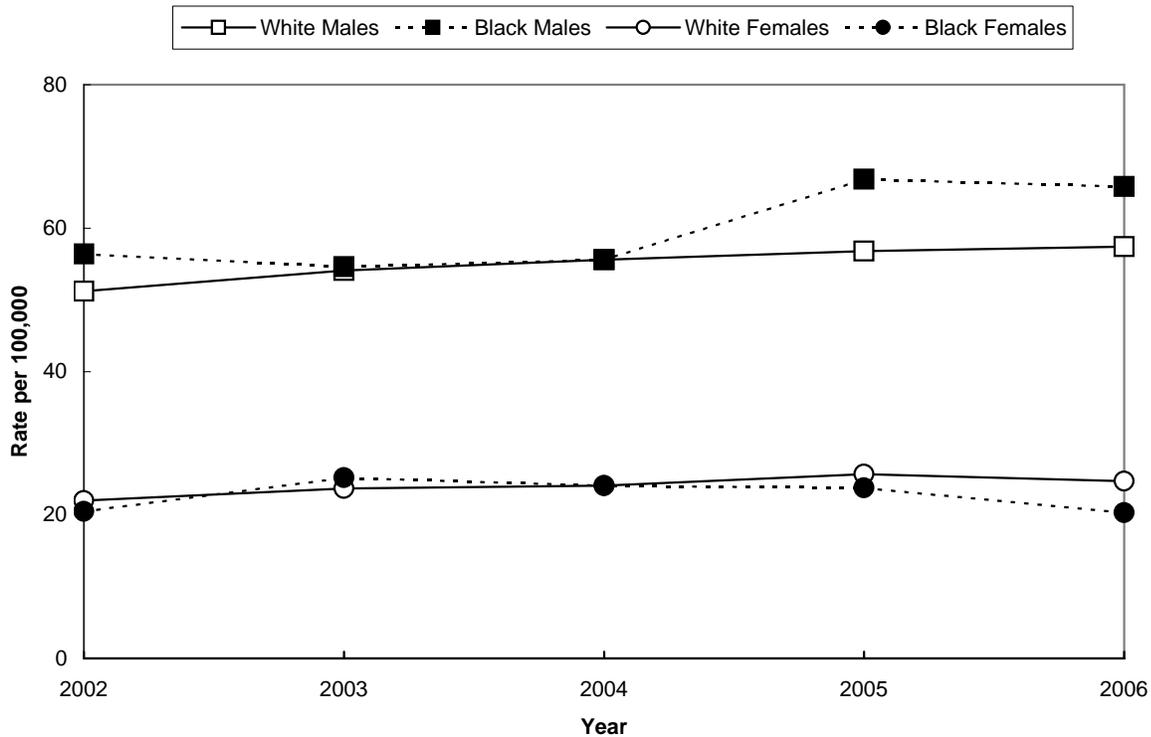
NOTES: Age-adjusted rates are computed by the direct method using the 2000 standard million population. Rates are per 100,000.
Data for 2002-2006 based on ICD-10 cause of death codes.
See Technical Notes.



FATAL UNINTENTIONAL INJURIES
TOTAL NUMBER OF DEATHS AND AGE-ADJUSTED DEATH RATES BY SEX AND RACE
PENNSYLVANIA RESIDENTS, 2002-2006

Year	Males						Females					
	All Races		White		Black		All Races		White		Black	
	No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate
2002	2,922	50.4	2,615	51.2	285	56.4	1,665	21.6	1,523	22.0	130	20.5
2003	3,123	53.0	2,802	54.1	292	54.6	1,797	23.5	1,615	23.7	163	25.2
2004	3,238	54.4	2,915	55.6	293	55.6	1,853	23.8	1,681	24.1	156	24.1
2005	3,377	56.3	2,995	56.8	353	66.8	1,937	25.1	1,766	25.7	156	23.8
2006	3,306	56.7	2,918	57.4	349	65.8	1,837	23.9	1,680	24.7	135	20.3

NOTES: Age-Adjusted rates are computed by the direct method using the 2000 U.S. standard million population. Rates are per 100,000.
 Data for 2002-2006 based on ICD-10 cause of death codes.
 See Technical Notes.



FATAL UNINTENTIONAL INJURIES
TOTAL NUMBER OF DEATHS AND AVERAGE ANNUAL AGE-SPECIFIC DEATH RATES BY SEX AND RACE
PENNSYLVANIA RESIDENTS, 2002-2006

AGE GROUP	ALL DEATHS NO. RATE		MALES						FEMALES					
			ALL RACES NO. RATE		WHITE NO. RATE		BLACK NO. RATE		ALL RACES NO. RATE		WHITE NO. RATE		BLACK NO. RATE	
TOTAL ***	25,056	40.4	15,966	53.2	14,245	54.8	1,572	51.0	9,089	28.4	8,265	30.0	740	21.7
< 5	348	9.5	203	10.8	148	9.6	51	20.3	145	8.1	109	7.5	29	12.0
5-9	168	4.3	117	5.9	93	5.7	23	8.5	51	2.7	37	2.4	13	5.0
10-14	244	5.9	159	7.5	131	7.5	24	8.3	85	4.2	67	4.0	17	6.1
15-19	1,327	29.0	974	42.1	894	46.5	66	22.3	353	15.6	334	17.8	17	5.9
20-24	1,972	47.4	1,550	73.5	1,429	81.5	96	36.4	422	20.6	390	22.9	25	9.6
25-29	1,429	40.0	1,136	62.8	1,034	68.8	88	39.2	293	16.6	266	18.3	21	9.2
30-34	1,310	34.1	975	50.8	855	52.6	113	53.2	335	17.4	295	18.3	35	15.3
35-39	1,694	39.2	1,204	56.3	1,039	56.3	154	70.3	490	22.5	413	22.2	67	27.5
40-44	2,066	43.9	1,465	63.0	1,311	64.4	140	63.2	601	25.3	517	25.1	79	31.6
45-49	2,045	43.7	1,489	64.5	1,286	62.7	193	95.3	556	23.4	466	22.4	86	36.7
50-54	1,467	34.1	1,075	51.0	884	46.7	183	108.4	392	17.9	341	17.6	48	23.7
55-59	1,056	28.9	749	42.4	630	39.5	115	87.8	307	16.3	266	15.8	39	23.7
60-64	800	27.0	536	38.2	469	36.8	65	66.1	263	16.9	237	17.0	25	19.1
65-69	866	34.3	524	45.7	454	43.2	61	79.6	342	24.8	306	24.6	31	28.3
70-74	1,053	46.0	612	61.8	556	60.7	52	84.5	441	33.9	402	33.9	31	32.1
75-79	1,565	77.9	829	102.6	777	103.1	47	102.5	736	61.3	676	60.9	56	70.5
80-84	2,072	142.2	1,000	185.0	942	186.2	51	175.8	1,072	116.9	1,025	120.3	42	74.1
85 +	3,567	292.8	1,363	394.9	1,307	404.8	50	271.3	2,204	252.4	2,118	260.4	79	152.2

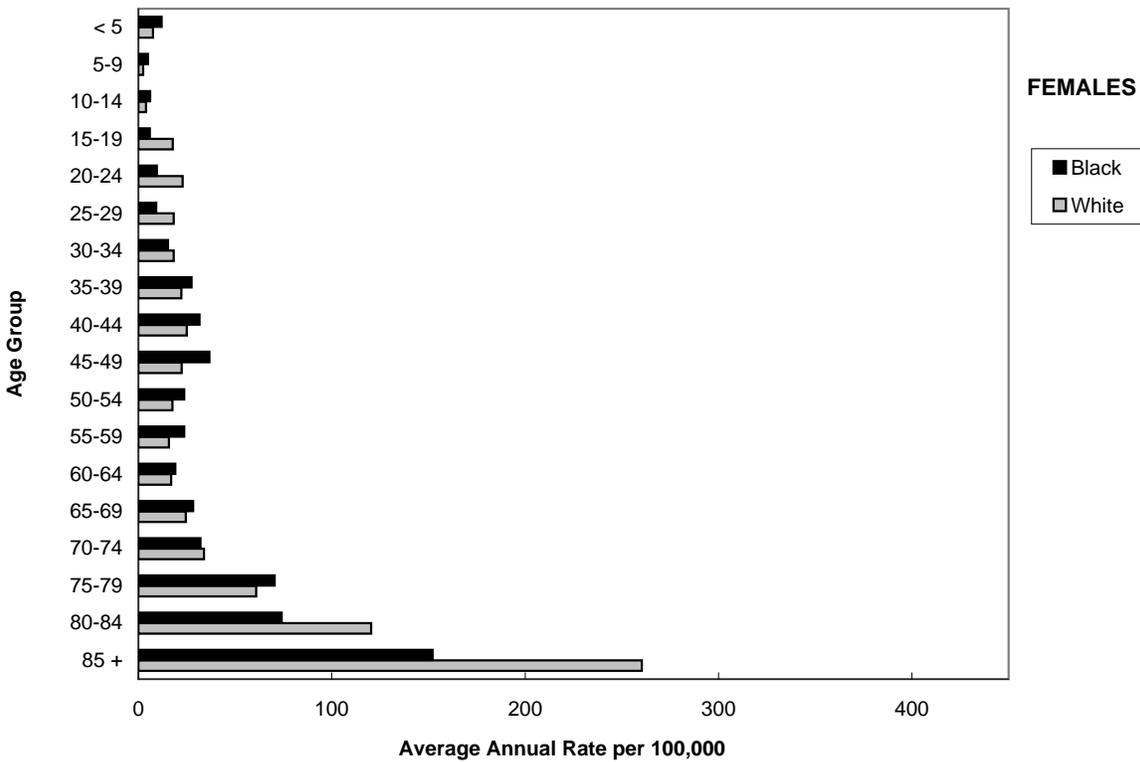
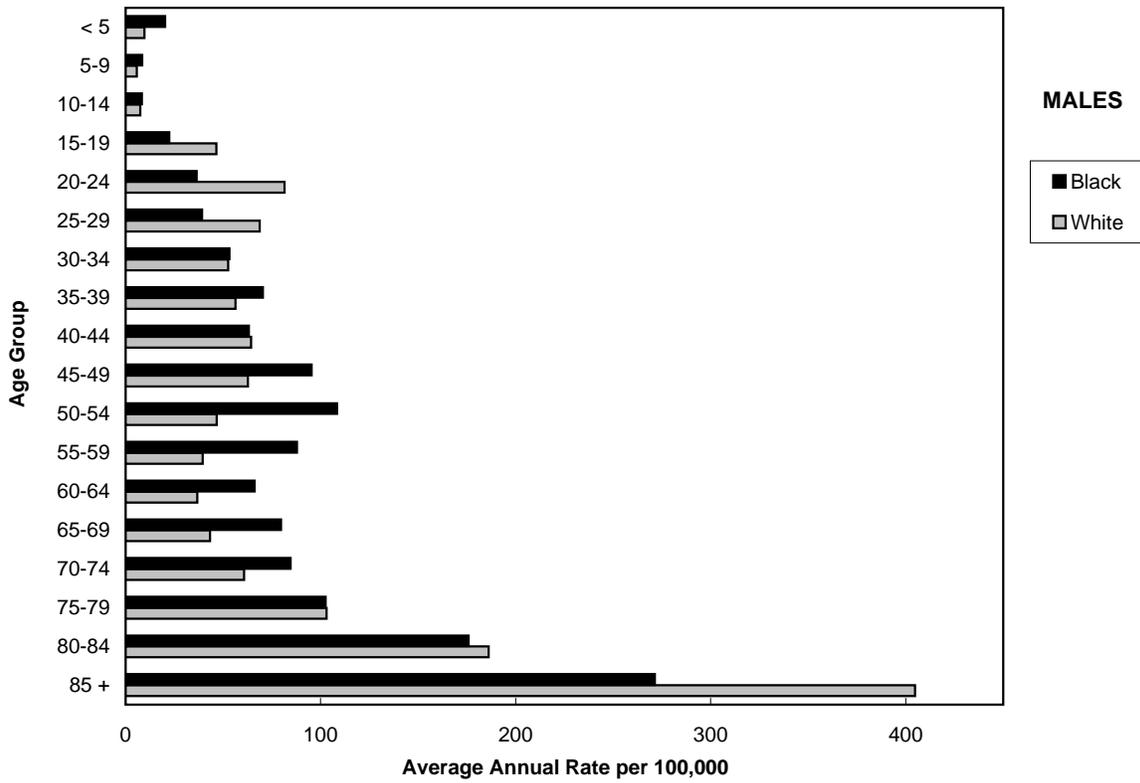
*** Unknowns included in totals.

NOTES: Rates are per 100,000 population (2002-2006) for each specified group.

Data for 2002-2006 based on ICD-10 cause of death codes.

See Technical Notes.

**FATAL UNINTENTIONAL INJURIES
 AVERAGE ANNUAL AGE-SPECIFIC DEATH RATES
 BY SEX AND RACE, PENNSYLVANIA RESIDENTS, 2002-2006**



FATAL UNINTENTIONAL INJURIES

**NUMBER OF DEATHS, AVERAGE ANNUAL AGE-ADJUSTED DEATH RATES, 95 % CONFIDENCE INTERVALS,
AND SIGNIFICANCE TEST RESULTS, BY HEALTH DISTRICT, PENNSYLVANIA RESIDENTS, 2002-2006**

District/County	No.	Rate	CI (95%)	District/County	No.	Rate	CI (95%)
Northwest	2,059	40.7	38.94-42.46 +	Southwest	6,017	39.5	38.50-40.50 +
Cameron	17	-		Allegheny	2,437	34.8	33.42-36.18 -
Clarion	83	39.5	31.00-48.00	Armstrong	207	54.2	46.82-61.58 +
Clearfield	210	47.1	40.73-53.47 +	Beaver	377	38.3	34.43-42.17
Crawford	214	44.5	38.54-50.46 +	Butler	374	40.0	35.95-44.05
Elk	92	51.8	41.21-62.39 +	Cambria	414	49.6	44.82-54.38 +
Erie	529	35.7	32.66-38.74	Fayette	388	49.6	44.66-54.54 +
Forest	19	-		Greene	105	49.3	39.87-58.73 +
Jefferson	101	39.8	32.04-47.56	Indiana	222	47.3	41.08-53.52 +
Lawrence	206	40.9	35.31-46.49	Somerset	209	47.8	41.32-54.28 +
McKean	86	36.2	28.55-43.85	Washington	440	39.4	35.72-43.08
Mercer	251	38.9	34.09-43.71	Westmoreland	844	41.2	38.42-43.98 +
Venango	157	53.7	45.30-62.10 +				
Warren	94	42.1	33.59-50.61				
North Central	1,369	37.5	35.51-39.49	South Central	3,251	39.3	37.95-40.65
Bradford	138	43.2	35.99-50.41	Adams	198	39.4	33.91-44.89
Centre	194	32.1	27.58-36.62 -	Bedford	136	54.7	45.51-63.89 +
Clinton	80	39.0	30.45-47.55	Blair	357	52.1	46.70-57.50 +
Columbia	153	44.0	37.03-50.97	Cumberland	342	29.1	26.02-32.18 -
Lycoming	246	37.8	33.08-42.52	Dauphin	447	33.9	30.76-37.04 -
Montour	46	48.8	34.70-62.90	Franklin	279	38.5	33.98-43.02
Northumberland	223	43.9	38.14-49.66 +	Fulton	50	66.8	48.28-85.32 +
Potter	37	37.5	25.42-49.58	Huntingdon	109	47.0	38.18-55.82 +
Snyder	74	37.2	28.72-45.68	Juniata	66	56.3	42.72-69.88 +
Sullivan	15	-		Lebanon	219	32.3	28.02-36.58 -
Tioga	85	37.4	29.45-45.35	Mifflin	117	50.3	41.19-59.41 +
Union	78	33.9	26.38-41.42	Perry	101	46.1	37.11-55.09
				York	830	41.0	38.21-43.79 +
Northeast	3,122	38.2	36.86-39.54	Southeast	9,238	36.3	35.56-37.04 -
Carbon	152	45.9	38.60-53.20 +	Berks	671	33.0	30.50-35.50 -
Lackawanna	455	40.4	36.69-44.11	Bucks	1,028	34.6	32.48-36.72 -
Lehigh	626	35.4	32.63-38.17	Chester	642	29.0	26.76-31.24 -
Luzerne	699	41.0	37.96-44.04	Delaware	1,021	34.0	31.91-36.09 -
Monroe	331	43.5	38.81-48.19 +	Lancaster	840	33.8	31.51-36.09 -
Northampton	426	27.4	24.80-30.00 -	Montgomery	1,311	32.1	30.36-33.84 -
Pike	92	35.4	28.17-42.63	Philadelphia	3,327	45.0	43.47-46.53 +
Susquehanna	115	51.8	42.33-61.27 +	Schuylkill	398	48.4	43.64-53.16 +
Wayne	153	61.6	51.84-71.36 +				
Wyoming	73	53.7	41.38-66.02 +				
				Pennsylvania	25,056	38.0	37.53-38.47

NOTE: A+ or - after the confidence interval (CI) denotes if the county rate was significantly higher or lower than the state rate. No + or - after a CI denotes no significant difference. CIs were not calculated for rates based on less than 20 events due to unreliability. Data for 2002-2006 based on ICD-10 cause of death codes. See Technical Notes.

**FATAL UNINTENTIONAL INJURIES
NUMBER OF DEATHS, TOTAL AND BY SELECTED AGE GROUPS, BY HEALTH DISTRICT
PENNSYLVANIA RESIDENTS, 2002-2006**

COUNTY	TOTAL DEATHS*	AGE AT DEATH (IN YEARS)		
		< 20	20-64	65+
Pennsylvania	25,056	2,087	13,839	9,123
Northwest	2,059	217	1,107	734
Cameron	17	0	6	11
Clarion	83	11	45	27
Clearfield	210	27	117	66
Crawford	214	24	102	88
Elk	92	5	58	29
Erie	529	50	291	188
Forest	19	2	12	5
Jefferson	101	18	45	38
Lawrence	206	21	110	74
McKean	86	8	52	26
Mercer	251	23	134	94
Venango	157	15	91	51
Warren	94	13	44	37
North Central	1,369	188	666	515
Bradford	138	28	63	47
Centre	194	16	106	72
Clinton	80	13	43	24
Columbia	153	24	72	57
Lycoming	246	32	120	94
Montour	46	9	20	17
Northumberland	223	25	114	84
Potter	37	5	14	18
Snyder	74	12	33	29
Sullivan	15	1	10	4
Tioga	85	13	31	41
Union	78	10	40	28
Northeast	3,122	250	1,728	1,142
Carbon	152	9	88	53
Lackawanna	455	35	272	148
Lehigh	626	41	280	305
Luzerne	699	41	437	221
Monroe	331	43	203	85
Northampton	426	34	190	202
Pike	92	10	53	29
Susquehanna	115	15	65	35
Wayne	153	17	94	42
Wyoming	73	5	46	22

COUNTY	TOTAL DEATHS*	AGE AT DEATH (IN YEARS)		
		< 20	20-64	65+
Southwest	6,017	389	3,299	2,329
Allegheny	2,437	119	1,389	929
Armstrong	207	20	104	83
Beaver	377	18	199	160
Butler	374	43	198	133
Cambria	414	36	231	147
Fayette	388	28	234	126
Greene	105	8	65	32
Indiana	222	18	113	91
Somerset	209	23	102	84
Washington	440	30	242	168
Westmoreland	844	46	422	376
South Central	3,251	368	1,696	1,186
Adams	198	32	109	57
Bedford	136	17	81	38
Blair	357	29	191	137
Cumberland	342	41	167	134
Dauphin	447	43	250	154
Franklin	279	28	140	110
Fulton	50	3	29	18
Huntingdon	109	24	57	28
Juniata	66	10	33	23
Lebanon	219	26	97	96
Mifflin	117	10	70	37
Perry	101	19	56	26
York	830	86	416	328
Southeast	9,238	675	5,343	3,217
Berks	671	54	358	259
Bucks	1,028	84	573	369
Chester	642	58	334	250
Delaware	1,021	54	521	446
Lancaster	840	106	438	296
Montgomery	1,311	73	619	619
Philadelphia	3,327	219	2,272	835
Schuylkill	398	27	228	143

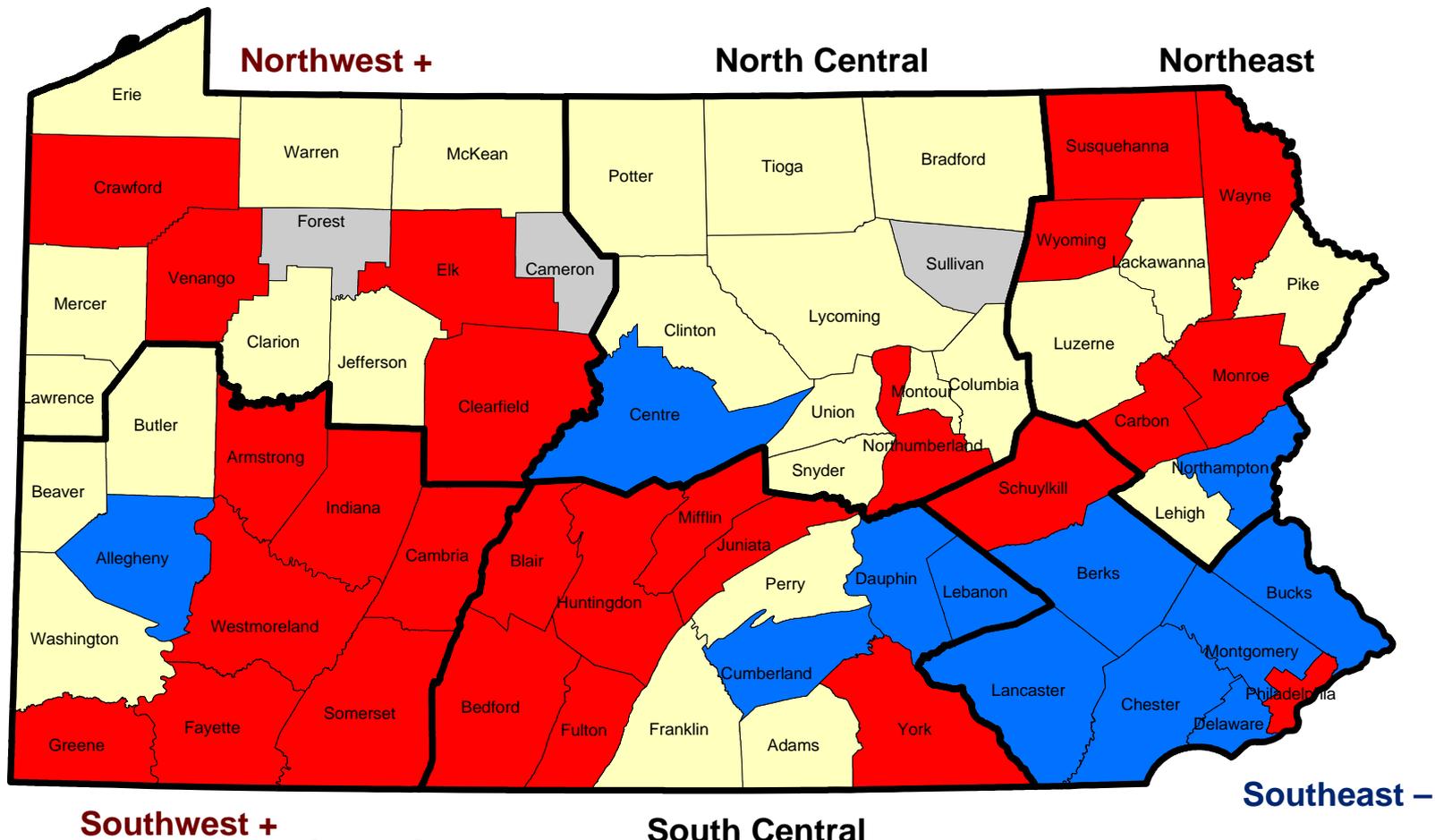
NOTE: * Unknowns included in totals.

Data for 2002-2006 based on ICD-10 cause of death codes.

See Technical Notes.

**AVERAGE ANNUAL AGE-ADJUSTED DEATH RATES AND SIGNIFICANCE TEST RESULTS
BY COUNTY AND PA HEALTH DISTRICT, PENNSYLVANIA RESIDENTS, 2002-2006**

Unintentional Injury Deaths



Legend

- Rate Significantly Lower than PA
- Rate Significantly Higher than PA
- No Significant Difference from PA
- Rate Not Calculated (< 20 events)

If the district rate was significantly higher or lower than the state rate, a + or - follows the name. No sign indicates no significant difference.

UNINTENTIONAL MOTOR VEHICLE TRAFFIC DEATHS

- Motor vehicle traffic deaths include accidents involving motor vehicles which occur on a public roadway. Non-traffic deaths are excluded from this section. However, 260 non-traffic deaths occurred during the time period. (See Technical notes.)
- The numbers and age-adjusted rate of deaths due to unintentional motor vehicle accidents have been relatively stable over the five-year period of 2002-2006. There were 1,654 resident deaths in 2005 for an age-adjusted rate of 12.9 per 100,000, the highest number and age-adjusted rate recorded during this time.
- Males had much higher annual age-adjusted death rates than females between 2002 and 2006 (especially white males).
- The age-adjusted death rates for females have not changed much since 2001, but there was a noticeable increase for black females in 2003 (6.6), with a drop to a more typical rate in 2004 (4.4).
- As occurred with age-adjusted death rates, the age-specific death rates for males were consistently much higher than those for females.
- The highest age-specific death rates were among the younger (ages 15-29) and the older (ages 75+) residents.
- Even though the age-specific rates among the elderly (ages 75+) were much higher for males, the number of elderly female deaths was relatively close to those for elderly males. This is due to the fact that there are many more elderly women than men.
- Approximately one-third (or 2,624) of the 7,790 unintentional deaths during 2002-2006 due to motor vehicle traffic occurred among residents between the ages of 15 and 29. Another 13 percent were to residents aged 75 and older.
- Over half (38) of the 67 counties in the state had average annual age-adjusted death rates for motor vehicle accidents that were considered significantly higher than the corresponding state rate for the five-year period of 2002-2006. Many of these counties were rural with relatively small populations.
- Nine mostly urban or suburban counties (Allegheny, Beaver, Bucks, Chester, Delaware, Lehigh, Montgomery, Northampton and Philadelphia) had average annual age-adjusted death rates for 2002-2006 that were considered significantly lower than the corresponding state rate.

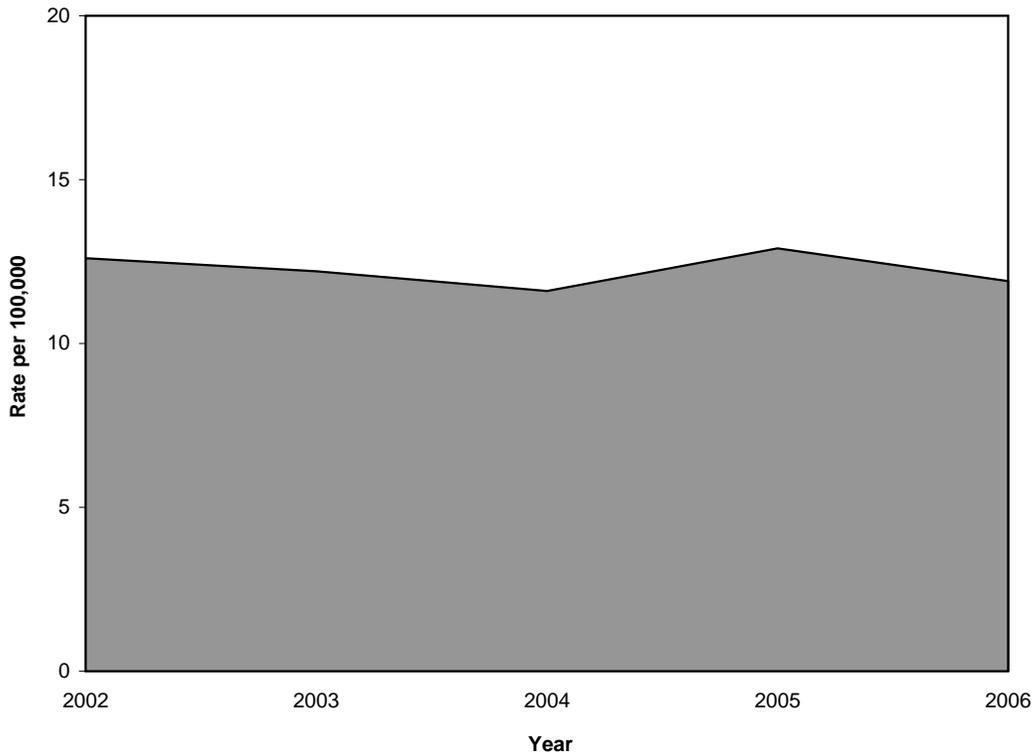
**HIGHEST AGE-ADJUSTED DEATH RATES:
Males; mostly rural counties**

**HIGHEST AGE-SPECIFIC DEATH RATES:
Young (ages 15-29) and elderly (ages 75+) males**

**UNINTENTIONAL MOTOR VEHICLE TRAFFIC DEATHS
TOTAL NUMBER OF DEATHS AND AGE-ADJUSTED DEATH RATES
PENNSYLVANIA RESIDENTS, 2002-2006**

Year	No.	Rate
2002	1,591	12.6
2003	1,549	12.2
2004	1,491	11.6
2005	1,654	12.9
2006	1,505	11.9

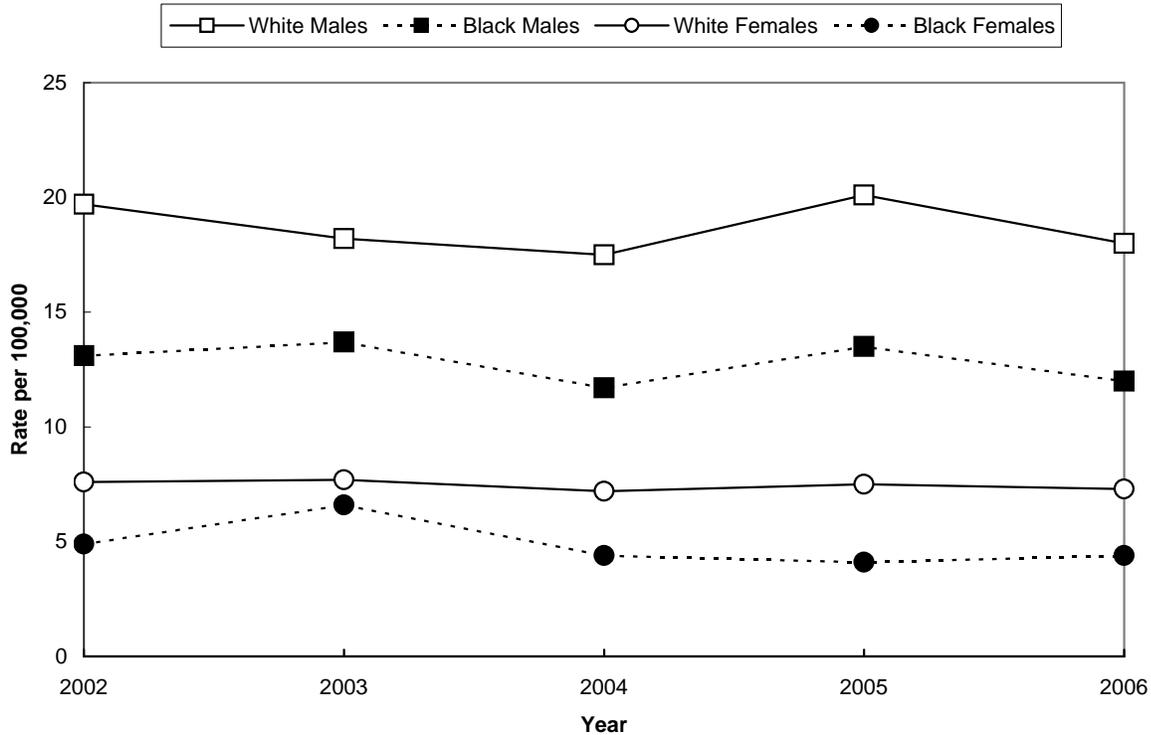
NOTES: Age-adjusted rates are computed by the direct method using the 2000 standard million population. Rates are per 100,000.
Data for 2002-2006 based on ICD-10 cause of death codes.
See Technical Notes.



**UNINTENTIONAL MOTOR VEHICLE TRAFFIC DEATHS
TOTAL NUMBER OF DEATHS AND AGE-ADJUSTED DEATH RATES BY SEX AND RACE
PENNSYLVANIA RESIDENTS, 2002-2006**

Year	Males						Females					
	All Races		White		Black		All Races		White		Black	
	No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate
2002	1,105	18.7	1,015	19.7	75	13.1	486	7.2	447	7.6	32	4.9
2003	1,047	17.4	952	18.2	82	13.7	502	7.4	454	7.7	43	6.6
2004	1,013	16.6	928	17.5	72	11.7	478	6.8	439	7.2	30	4.4
2005	1,164	19.1	1,066	20.1	82	13.5	490	7.1	452	7.5	28	4.1
2006	1,031	17.1	935	18.0	75	12.0	474	6.9	431	7.3	30	4.4

NOTES: Age-Adjusted rates are computed by the direct method using the 2000 U.S. standard million population. Rates are per 100,000.
Data for 2002-2006 based on ICD-10 cause of death codes.
See Technical Notes.



UNINTENTIONAL MOTOR VEHICLE TRAFFIC DEATHS
TOTAL NUMBER OF DEATHS AND AVERAGE ANNUAL AGE-SPECIFIC DEATH RATES BY SEX AND RACE
PENNSYLVANIA RESIDENTS, 2002-2006

AGE GROUP	ALL DEATHS NO. RATE		MALES						FEMALES					
			ALL RACES NO. RATE		WHITE NO. RATE		BLACK NO. RATE		ALL RACES NO. RATE		WHITE NO. RATE		BLACK NO. RATE	
TOTAL ***	7,790	12.6	5,360	17.9	4,896	18.8	386	12.5	2,430	7.6	2,223	8.1	163	4.8
< 5	74	2.0	35	1.9	22	1.4	12	4.8	39	2.2	32	2.2	7	-
5-9	80	2.1	53	2.7	42	2.6	10	3.7	27	1.4	21	1.4	5	-
10-14	125	3.0	80	3.8	70	4.0	9	-	45	2.2	40	2.4	4	-
15-19	939	20.5	656	28.4	602	31.3	46	15.6	283	12.5	271	14.4	10	3.5
20-24	1,049	25.2	810	38.4	725	41.3	65	24.7	239	11.6	220	12.9	15	5.7
25-29	636	17.8	499	27.6	448	29.8	43	19.2	137	7.8	122	8.4	10	4.4
30-34	489	12.7	364	19.0	324	19.9	34	16.0	125	6.5	110	6.8	10	4.4
35-39	535	12.4	390	18.2	351	19.0	33	15.1	145	6.6	129	6.9	9	-
40-44	569	12.1	413	17.8	387	19.0	20	9.0	156	6.6	132	6.4	21	8.4
45-49	561	12.0	406	17.6	372	18.1	32	15.8	155	6.5	141	6.8	13	5.5
50-54	428	9.9	313	14.8	289	15.3	19	11.3	115	5.2	107	5.5	6	-
55-59	382	10.5	264	14.9	240	15.0	22	16.8	118	6.2	106	6.3	10	6.1
60-64	297	10.0	199	14.2	190	14.9	8	-	98	6.3	89	6.4	8	-
65-69	287	11.4	168	14.6	155	14.7	9	-	119	8.6	108	8.7	8	-
70-74	302	13.2	179	18.1	167	18.2	10	16.2	123	9.5	114	9.6	7	-
75-79	379	18.9	200	24.8	192	25.5	6	-	179	14.9	166	15.0	11	13.8
80-84	341	23.4	159	29.4	154	30.4	3	-	182	19.8	177	20.8	5	-
85 +	315	25.9	171	49.5	165	51.1	5	-	144	16.5	138	17.0	4	-

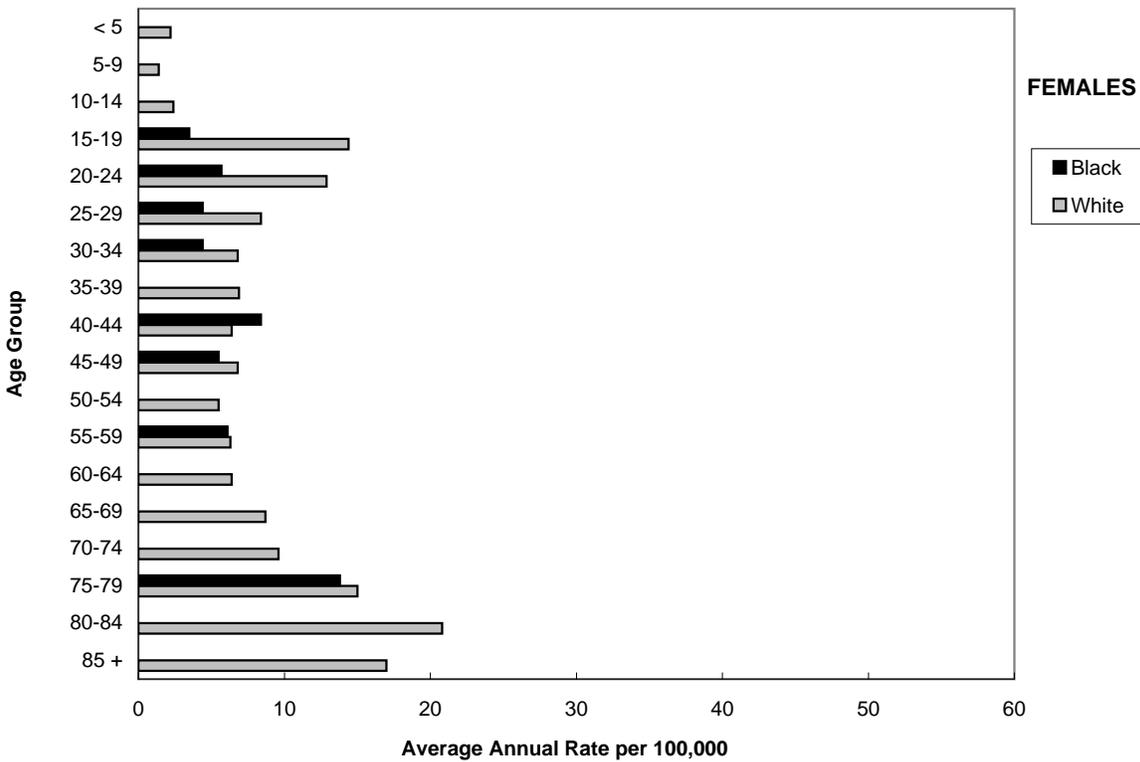
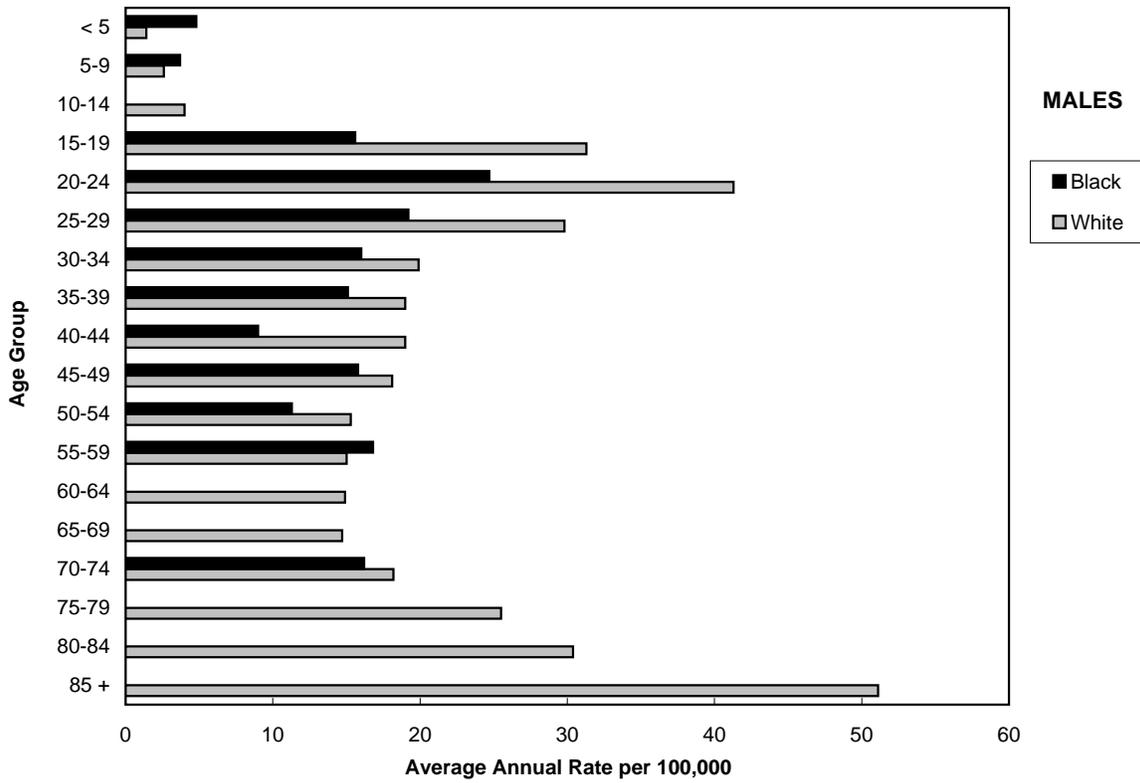
*** Unknowns included in totals.

NOTES: Rates are per 100,000 population (2002-2006) for each specified group.

Data for 2002-2006 based on ICD-10 cause of death codes.

See Technical Notes.

**UNINTENTIONAL MOTOR VEHICLE TRAFFIC DEATHS
AVERAGE ANNUAL AGE-SPECIFIC DEATH RATES
BY SEX AND RACE, PENNSYLVANIA RESIDENTS, 2002-2006**



UNINTENTIONAL MOTOR VEHICLE TRAFFIC DEATHS
NUMBER OF DEATHS, AVERAGE ANNUAL AGE-ADJUSTED DEATH RATES, 95 % CONFIDENCE INTERVALS,
AND SIGNIFICANCE TEST RESULTS, BY HEALTH DISTRICT, PENNSYLVANIA RESIDENTS, 2002-2006

District/County	No.	Rate	CI (95%)	District/County	No.	Rate	CI (95%)
Northwest	754	15.6	14.49-16.71 +	Southwest	1,626	11.5	10.94-12.06 -
Cameron	5	-		Allegheny	496	7.6	6.93-8.27 -
Clarion	35	17.0	11.37-22.63	Armstrong	73	20.8	16.03-25.57 +
Clearfield	85	19.9	15.67-24.13 +	Beaver	92	9.9	7.88-11.92 -
Crawford	89	19.4	15.37-23.43 +	Butler	144	15.9	13.30-18.50 +
Elk	42	25.7	17.93-33.47 +	Cambria	114	14.6	11.92-17.28
Erie	157	10.8	9.11-12.49	Fayette	137	19.0	15.82-22.18 +
Forest	9	-		Greene	47	22.8	16.28-29.32 +
Jefferson	44	18.6	13.10-24.10 +	Indiana	82	19.5	15.28-23.72 +
Lawrence	64	13.7	10.34-17.06	Somerset	72	18.0	13.84-22.16 +
McKean	37	16.2	10.98-21.42	Washington	113	10.7	8.73-12.67
Mercer	81	13.3	10.40-16.20	Westmoreland	256	13.8	12.11-15.49
Venango	62	22.0	16.52-27.48 +				
Warren	44	21.8	15.36-28.24 +				
North Central	606	16.8	15.46-18.14 +	South Central	1,278	16.0	15.12-16.88 +
Bradford	58	18.9	14.04-23.76 +	Adams	108	21.5	17.45-25.55 +
Centre	86	13.5	10.65-16.35	Bedford	64	26.2	19.78-32.62 +
Clinton	41	21.0	14.57-27.43 +	Blair	109	16.9	13.73-20.07 +
Columbia	62	18.1	13.59-22.61 +	Cumberland	139	12.0	10.01-13.99
Lycoming	113	18.1	14.76-21.44 +	Dauphin	166	13.1	11.11-15.09
Montour	15	-		Franklin	125	17.6	14.51-20.69 +
Northumberland	78	16.6	12.92-20.28 +	Fulton	27	36.9	22.98-50.82 +
Potter	14	-		Huntingdon	49	20.9	15.05-26.75 +
Snyder	40	20.6	14.22-26.98 +	Juniata	34	29.7	19.72-39.68 +
Sullivan	9	-		Lebanon	80	12.3	9.60-15.00
Tioga	47	21.3	15.21-27.39 +	Mifflin	41	18.4	12.77-24.03 +
Union	43	19.0	13.32-24.68 +	Perry	51	23.3	16.91-29.69 +
				York	285	14.5	12.82-16.18 +
Northeast	1,122	14.3	13.46-15.14 +	Southeast	2,404	9.6	9.22-9.98 -
Carbon	64	20.3	15.33-25.27 +	Berks	281	14.2	12.54-15.86 +
Lackawanna	138	12.9	10.75-15.05	Bucks	322	10.8	9.62-11.98 -
Lehigh	174	10.4	8.85-11.95 -	Chester	216	9.5	8.23-10.77 -
Luzerne	227	14.2	12.35-16.05 +	Delaware	192	6.5	5.58-7.42 -
Monroe	174	22.2	18.90-25.50 +	Lancaster	310	12.6	11.20-14.00
Northampton	152	10.1	8.49-11.71 -	Montgomery	315	8.3	7.38-9.22 -
Pike	42	16.1	11.23-20.97	Philadelphia	606	8.0	7.36-8.64 -
Susquehanna	52	25.4	18.50-32.30 +	Schuylkill	162	21.5	18.19-24.81 +
Wayne	65	26.7	20.21-33.19 +				
Wyoming	34	24.9	16.53-33.27 +				
				Pennsylvania	7,790	12.2	11.93-12.47

NOTE: A+ or - after the confidence interval (CI) denotes if the county rate was significantly higher or lower than the state rate. No + or - after a CI denotes no significant difference. CIs were not calculated for rates based on less than 20 events due to unreliability. Data for 2002-2006 based on ICD-10 cause of death codes. See Technical Notes.

**UNINTENTIONAL MOTOR VEHICLE TRAFFIC DEATHS
NUMBER OF DEATHS, TOTAL AND BY SELECTED AGE GROUPS, BY HEALTH DISTRICT
PENNSYLVANIA RESIDENTS, 2002-2006**

COUNTY	TOTAL DEATHS*	AGE AT DEATH (IN YEARS)			COUNTY	TOTAL DEATHS*	AGE AT DEATH (IN YEARS)		
		< 20	20-64	65+			< 20	20-64	65+
Pennsylvania	7,790	1,218	4,946	1,624					
Northwest	754	122	482	150	Southwest	1,626	203	1,074	349
Cameron	5	0	0	5	Allegheny	496	55	321	120
Clarion	35	6	24	5	Armstrong	73	12	45	16
Clearfield	85	18	48	19	Beaver	92	3	62	27
Crawford	89	11	59	19	Butler	144	23	91	30
Elk	42	4	32	6	Cambria	114	15	78	21
Erie	157	25	108	24	Fayette	137	20	93	24
Forest	9	1	7	1	Greene	47	6	33	8
Jefferson	44	13	19	12	Indiana	82	14	56	12
Lawrence	64	10	41	13	Somerset	72	13	46	13
McKean	37	4	26	7	Washington	113	16	78	19
Mercer	81	14	49	18	Westmoreland	256	26	171	59
Venango	62	9	42	11					
Warren	44	7	27	10					
North Central	606	121	357	128	South Central	1,278	232	808	237
Bradford	58	15	30	13	Adams	108	23	71	14
Centre	86	11	54	21	Bedford	64	12	40	12
Clinton	41	9	27	5	Blair	109	16	68	25
Columbia	62	12	37	13	Cumberland	139	29	84	26
Lycoming	113	25	66	22	Dauphin	166	26	107	33
Montour	15	2	10	3	Franklin	125	16	74	34
Northumberland	78	15	49	14	Fulton	27	2	22	3
Potter	14	5	7	2	Huntingdon	49	12	31	6
Snyder	40	9	23	8	Juniata	34	7	19	8
Sullivan	9	1	8	0	Lebanon	80	15	44	21
Tioga	47	9	21	17	Mifflin	41	4	28	9
Union	43	8	25	10	Perry	51	11	35	5
					York	285	59	185	41
Northeast	1,122	172	708	242	Southeast	2,404	368	1,517	518
Carbon	64	7	41	16	Berks	281	42	175	64
Lackawanna	138	21	91	26	Bucks	322	52	201	69
Lehigh	174	30	100	44	Chester	216	34	138	44
Luzerne	227	23	157	47	Delaware	192	21	115	56
Monroe	174	33	105	36	Lancaster	310	62	188	60
Northampton	152	27	81	44	Montgomery	315	43	200	72
Pike	42	6	30	6	Philadelphia	606	94	392	119
Susquehanna	52	11	39	2	Schuylkill	162	20	108	34
Wayne	65	11	39	15					
Wyoming	34	3	25	6					

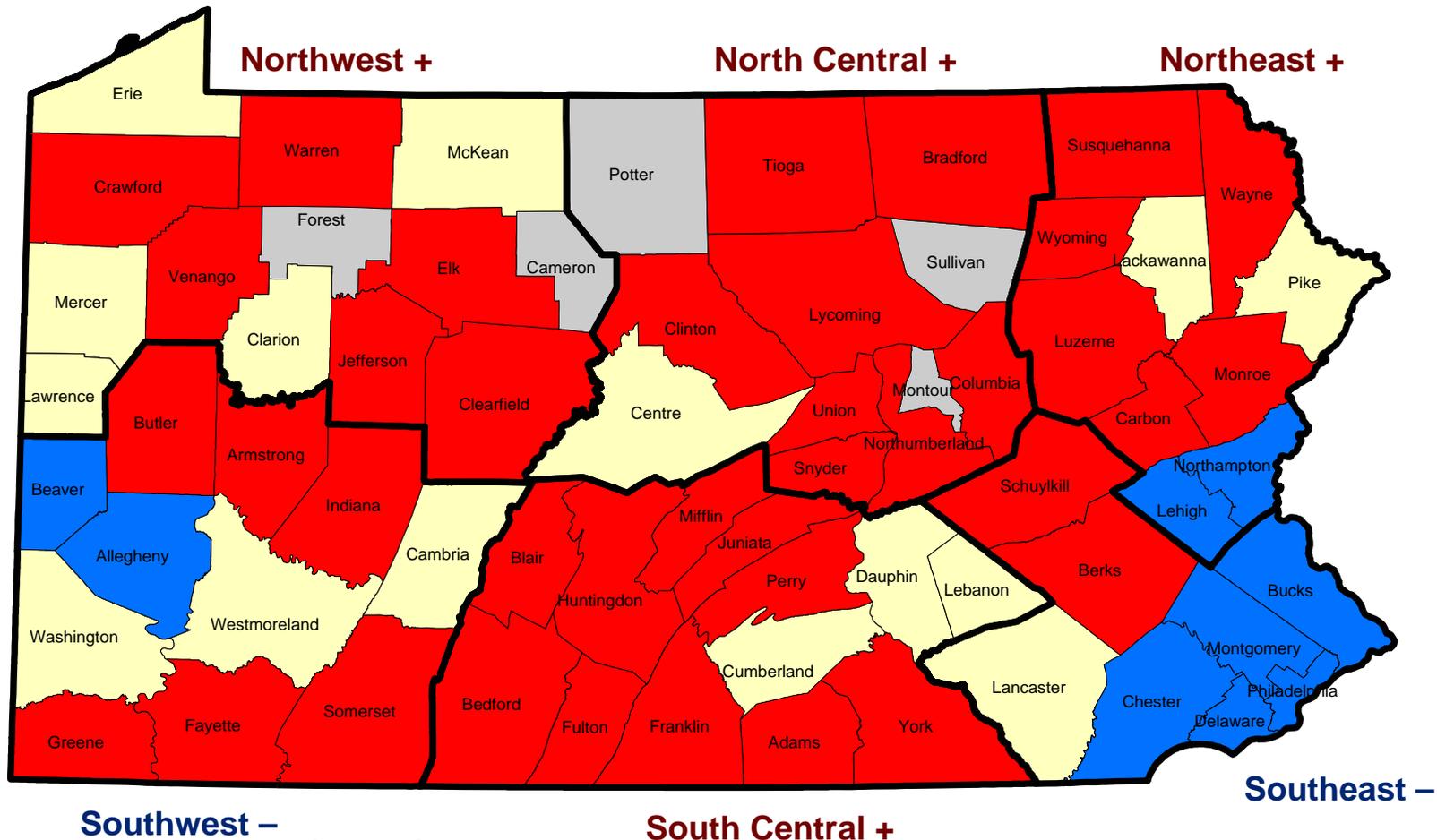
NOTE: * Unknowns included in totals.

Data for 2002-2006 based on ICD-10 cause of death codes.

See Technical Notes.

**AVERAGE ANNUAL AGE-ADJUSTED DEATH RATES AND SIGNIFICANCE TEST RESULTS
BY COUNTY AND PA HEALTH DISTRICT, PENNSYLVANIA RESIDENTS, 2002-2006**

Unintentional MVT Deaths



Legend

- Rate Significantly Lower than PA
- Rate Significantly Higher than PA
- No Significant Difference from PA
- Rate Not Calculated (< 20 events)

If the district rate was significantly higher or lower than the state rate, a + or - follows the name. No sign indicates no significant difference.

UNINTENTIONAL FALL-RELATED DEATHS

- Unintentional fall-related deaths include those deaths caused by falls or the late effects of falls. Excluded are falls of intentional and undetermined intent, falls from animals or burning structures and falls into water where drowning is the primary cause of death. (See Technical notes.)
- The number of resident deaths due to unintentional falls increased from 750 deaths in 2002 to 953 deaths in 2006.
- Males consistently had higher annual age-adjusted death rates than females between 2002 and 2006.
- The annual age-adjusted death rates for white males have increased since 2002. Among white females, the age-adjusted death rates have also increased slightly in recent years. The age-adjusted death rates among black males and females have shown no clear trends.
- The age-specific death rates rose sharply with the increase of age among all four sex/race groups for 2002-2006.
- The highest age-specific death rates occurred among males for every age group.
- Even though the age-specific death rates were higher for males aged 80 and older than for females, the number of female deaths for these ages were much higher than for males. This is due to the fact that there are many more elderly women than men.
- Approximately 80 percent of the 4,502 deaths due to falls were among residents aged 65 and older during 2002-2006.
- Less than one percent of all deaths due to falls from 2002-2006 were among young residents (under 20 years of age).
- Seven counties had average annual age-adjusted death rates for 2002-2006 that were significantly higher than the equivalent state rate.
- Eight counties had average annual age-adjusted death rates for 2002-2006 that were significantly lower than the corresponding state rate.
- Twenty-five counties out of 67 had less than 20 resident deaths each due to falls and fall-related injuries during the five-year period.

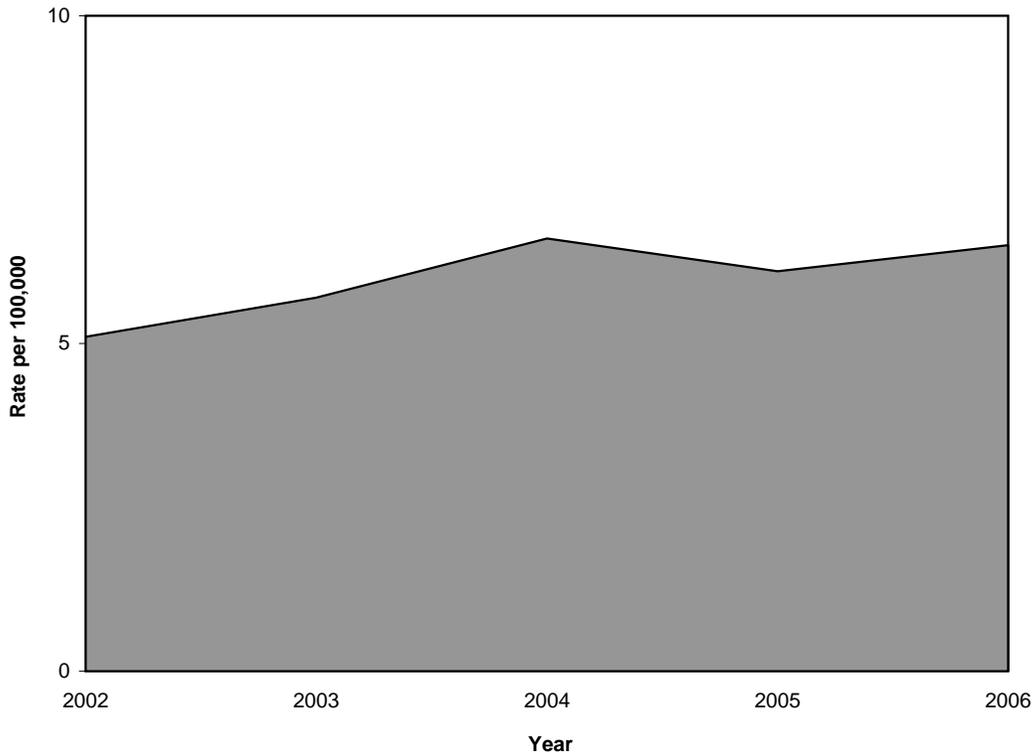
**HIGHEST AGE-ADJUSTED DEATH RATES:
White Males**

**HIGHEST AGE-SPECIFIC DEATH RATES:
Elderly residents aged 75 and older**

**UNINTENTIONAL FALL-RELATED DEATHS
TOTAL NUMBER OF DEATHS AND AGE-ADJUSTED DEATH RATES
PENNSYLVANIA RESIDENTS, 2002-2006**

Year	No.	Rate
2002	750	5.1
2003	858	5.7
2004	998	6.6
2005	943	6.1
2006	953	6.5

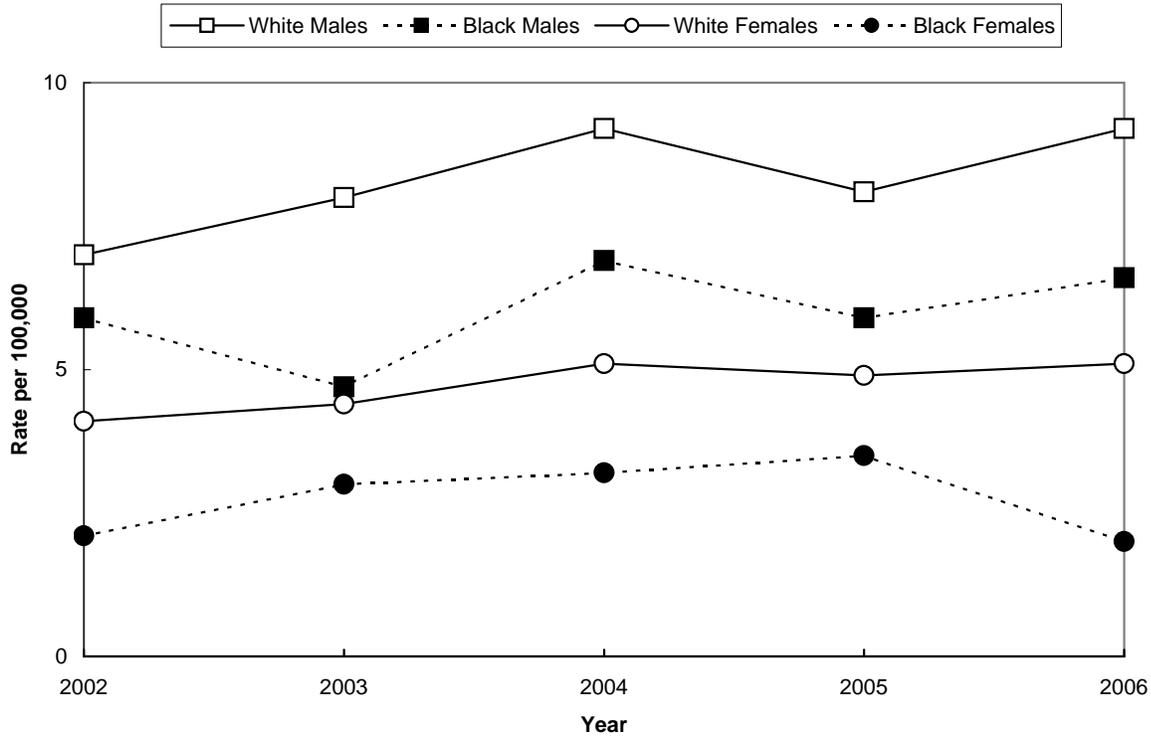
NOTES: Age-adjusted rates are computed by the direct method using the 2000 standard million population. Rates are per 100,000.
Data for 2002-2006 based on ICD-10 cause of death codes.
See Technical Notes.



UNINTENTIONAL FALL-RELATED DEATHS
TOTAL NUMBER OF DEATHS AND AGE-ADJUSTED DEATH RATES BY SEX AND RACE
PENNSYLVANIA RESIDENTS, 2002-2006

Year	Males						Females					
	All Races		White		Black		All Races		White		Black	
	No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate
2002	377	6.9	352	7.0	22	5.9	373	4.0	356	4.1	13	2.1
2003	442	7.8	415	8.0	23	4.7	416	4.3	395	4.4	19	3.0
2004	521	9.0	489	9.2	29	6.9	477	4.9	456	5.1	21	3.2
2005	466	8.0	436	8.1	24	5.9	477	4.8	454	4.9	22	3.5
2006	493	9.1	455	9.2	29	6.6	460	4.8	446	5.1	13	2.0

NOTES: Age-Adjusted rates are computed by the direct method using the 2000 U.S. standard million population. Rates are per 100,000.
 Data for 2002-2006 based on ICD-10 cause of death codes.
 See Technical Notes.



UNINTENTIONAL FALL-RELATED DEATHS
TOTAL NUMBER OF DEATHS AND AVERAGE ANNUAL AGE-SPECIFIC DEATH RATES BY SEX AND RACE
PENNSYLVANIA RESIDENTS, 2002-2006

AGE GROUP	ALL DEATHS NO. RATE		MALES						FEMALES					
			ALL RACES NO. RATE		WHITE NO. RATE		BLACK NO. RATE		ALL RACES NO. RATE		WHITE NO. RATE		BLACK NO. RATE	
TOTAL***	4,502	7.3	2,299	7.7	2,147	8.3	127	4.1	2,203	6.9	2,107	7.6	88	2.6
< 5	14	0.4	8	-	5	-	3	-	6	-	6	-	0	-
5-9	3	-	3	-	2	-	1	-	0	-	0	-	0	-
10-14	4	-	1	-	1	-	0	-	3	-	2	-	1	-
15-19	12	0.3	10	0.4	8	-	1	-	2	-	2	-	0	-
20-24	33	0.8	25	1.2	23	1.3	2	-	8	-	8	-	0	-
25-29	27	0.8	22	1.2	18	1.2	3	-	5	-	5	-	0	-
30-34	27	0.7	22	1.1	20	1.2	2	-	5	-	5	-	0	-
35-39	49	1.1	39	1.8	35	1.9	3	-	10	0.5	9	-	0	-
40-44	105	2.2	83	3.6	76	3.7	3	-	22	0.9	20	1.0	2	-
45-49	135	2.9	103	4.5	92	4.5	8	-	32	1.3	25	1.2	6	-
50-54	133	3.1	96	4.6	77	4.1	17	10.1	37	1.7	34	1.8	3	-
55-59	150	4.1	108	6.1	91	5.7	15	11.5	42	2.2	35	2.1	7	-
60-64	167	5.6	108	7.7	98	7.7	9	-	59	3.8	56	4.0	3	-
65-69	213	8.4	127	11.1	112	10.7	14	18.3	86	6.2	76	6.1	10	9.1
70-74	332	14.5	195	19.7	183	20.0	10	16.2	137	10.5	130	11.0	4	-
75-79	595	29.6	316	39.1	305	40.5	9	-	279	23.2	261	23.5	18	22.7
80-84	914	62.7	443	82.0	426	84.2	15	51.7	471	51.4	454	53.3	16	28.2
85 +	1,588	130.3	589	170.6	574	177.8	12	65.1	999	114.4	979	120.4	18	34.7

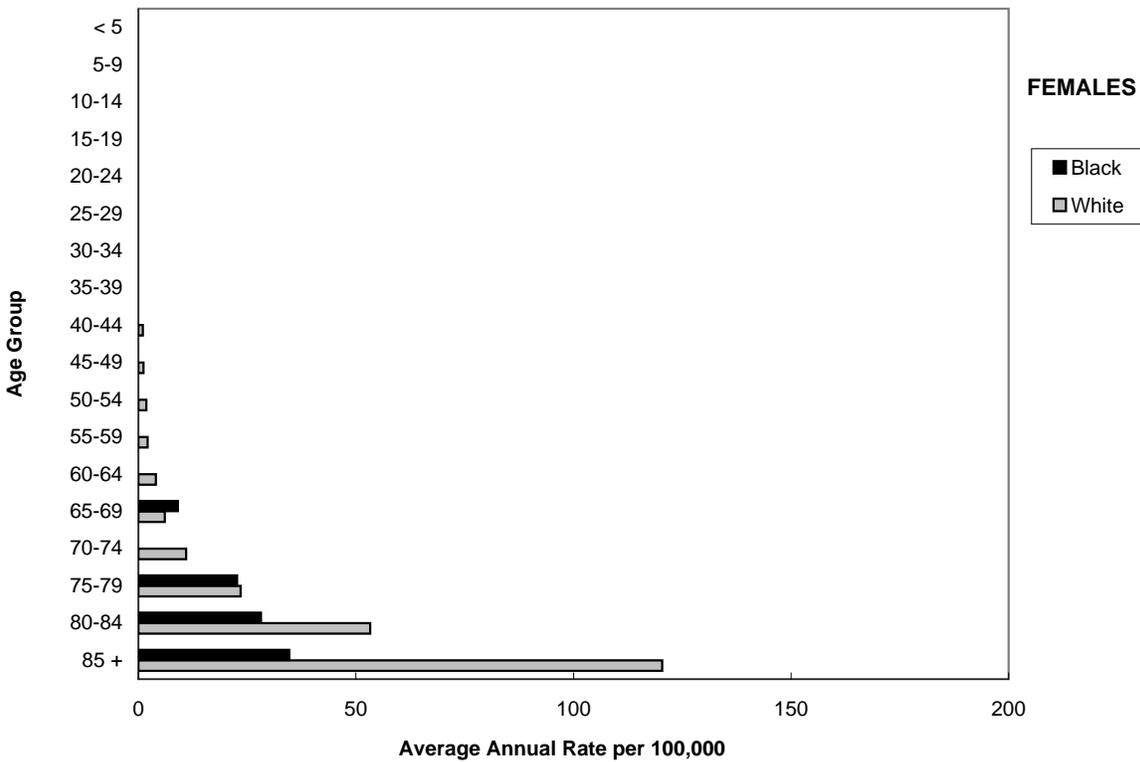
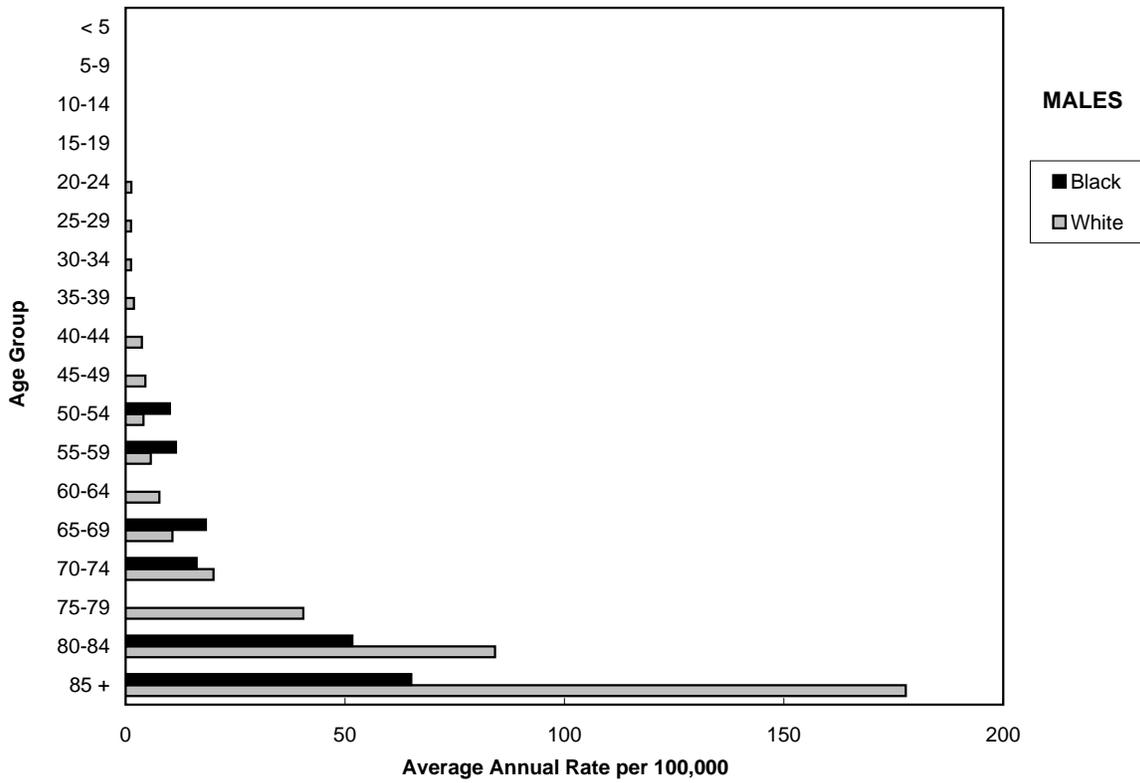
*** Unknowns included in totals.

NOTES: Rates are per 100,000 population (2002-2006) for each specified group.

Data for 2002-2006 based on ICD-10 cause of death codes.

See Technical Notes.

**UNINTENTIONAL FALL-RELATED DEATHS
 AVERAGE ANNUAL AGE-SPECIFIC DEATH RATES
 BY SEX AND RACE, PENNSYLVANIA RESIDENTS, 2002-2006**



UNINTENTIONAL FALL-RELATED DEATHS

NUMBER OF DEATHS, AVERAGE ANNUAL AGE-ADJUSTED DEATH RATES, 95 % CONFIDENCE INTERVALS, AND SIGNIFICANCE TEST RESULTS, BY HEALTH DISTRICT, PENNSYLVANIA RESIDENTS, 2002-2006

District/County	No.	Rate	CI (95%)	District/County	No.	Rate	CI (95%)
Northwest	329	5.5	4.91-6.09	Southwest	1,225	6.5	6.14-6.86 +
Cameron	3	-		Allegheny	543	6.2	5.68-6.72
Clarion	13	-		Armstrong	32	6.5	4.25-8.75
Clearfield	24	4.4	2.64-6.16	Beaver	64	5.3	4.00-6.60
Crawford	37	6.9	4.68-9.12	Butler	61	5.9	4.42-7.38
Elk	16	-		Cambria	84	7.8	6.13-9.47 +
Erie	107	6.6	5.35-7.85	Fayette	55	5.7	4.19-7.21
Forest	1	-		Greene	15	-	
Jefferson	11	-		Indiana	38	6.8	4.64-8.96
Lawrence	35	5.3	3.54-7.06	Somerset	39	7.0	4.80-9.20
McKean	16	-		Washington	91	6.5	5.16-7.84
Mercer	28	3.5	2.20-4.80 -	Westmoreland	203	7.8	6.73-8.87 +
Venango	23	6.7	3.96-9.44				
Warren	15	-					
North Central	196	4.9	4.21-5.59 -	South Central	617	6.8	6.26-7.34 +
Bradford	9	-		Adams	29	5.6	3.56-7.64
Centre	35	6.0	4.01-7.99	Bedford	13	-	
Clinton	5	-		Blair	60	6.9	5.15-8.65
Columbia	26	6.8	4.19-9.41	Cumberland	68	5.5	4.19-6.81
Lycoming	27	3.7	2.30-5.10 -	Dauphin	76	5.4	4.19-6.61
Montour	10	-		Franklin	49	6.0	4.32-7.68
Northumberland	41	6.2	4.30-8.10	Fulton	7	-	
Potter	12	-		Huntingdon	13	-	
Snyder	7	-		Juniata	7	-	
Sullivan	1	-		Lebanon	32	4.2	2.74-5.66 -
Tioga	10	-		Mifflin	20	6.8	3.82-9.78
Union	13	-		Perry	11	-	
				York	232	11.1	9.67-12.53 +
Northeast	491	5.1	4.65-5.55 -	Southeast	1,644	6.0	5.71-6.29
Carbon	19	-		Berks	105	4.8	3.88-5.72 -
Lackawanna	63	4.3	3.24-5.36 -	Bucks	206	7.2	6.22-8.18 +
Lehigh	163	8.3	7.03-9.57 +	Chester	105	4.9	3.96-5.84 -
Luzerne	75	3.3	2.55-4.05 -	Delaware	248	7.4	6.48-8.32 +
Monroe	34	4.8	3.19-6.41	Lancaster	106	4.0	3.24-4.76 -
Northampton	88	5.1	4.03-6.17	Montgomery	367	8.1	7.27-8.93 +
Pike	8	-		Philadelphia	449	5.5	4.99-6.01
Susquehanna	16	-		Schuylkill	58	5.3	3.94-6.66
Wayne	20	6.9	3.88-9.92				
Wyoming	5	-					
				Pennsylvania	4,502	6.0	5.82-6.18

NOTE: A+ or - after the confidence interval (CI) denotes if the county rate was significantly higher or lower than the state rate. No + or - after a CI denotes no significant difference. CIs were not calculated for rates based on less than 20 events due to unreliability. Data for 2002-2006 based on ICD-10 cause of death codes. See Technical Notes.

**UNINTENTIONAL FALL-RELATED DEATHS
NUMBER OF DEATHS, TOTAL AND BY SELECTED AGE GROUPS, BY HEALTH DISTRICT
PENNSYLVANIA RESIDENTS, 2002-2006**

COUNTY	TOTAL DEATHS*	AGE AT DEATH (IN YEARS)			COUNTY	TOTAL DEATHS*	AGE AT DEATH (IN YEARS)		
		< 20	20-64	65+			< 20	20-64	65+
Pennsylvania	4,502	33	826	3,642					
Northwest	329	2	67	260	Southwest	1,225	5	203	1,017
Cameron	3	0	1	2	Allegheny	543	2	91	450
Clarion	13	0	2	11	Armstrong	32	0	6	26
Clearfield	24	0	8	16	Beaver	64	1	12	51
Crawford	37	1	10	26	Butler	61	0	13	48
Elk	16	0	4	12	Cambria	84	0	20	64
Erie	107	0	18	89	Fayette	55	0	15	40
Forest	1	0	0	1	Greene	15	0	5	10
Jefferson	11	1	2	8	Indiana	38	0	4	34
Lawrence	35	0	7	28	Somerset	39	0	7	32
McKean	16	0	3	13	Washington	91	2	11	78
Mercer	28	0	4	24	Westmoreland	203	0	19	184
Venango	23	0	6	17					
Warren	15	0	2	13					
North Central	196	2	32	162	South Central	617	7	103	507
Bradford	9	0	1	8	Adams	29	1	5	23
Centre	35	1	6	28	Bedford	13	0	1	12
Clinton	5	0	0	5	Blair	60	0	7	53
Columbia	26	0	9	17	Cumberland	68	1	12	55
Lycoming	27	0	4	23	Dauphin	76	1	22	53
Montour	10	0	1	9	Franklin	49	0	9	40
Northumberland	41	1	6	34	Fulton	7	0	0	7
Potter	12	0	1	11	Huntingdon	13	0	2	11
Snyder	7	0	1	6	Juniata	7	0	1	6
Sullivan	1	0	0	1	Lebanon	32	1	4	27
Tioga	10	0	0	10	Mifflin	20	0	4	16
Union	13	0	3	10	Perry	11	1	2	8
					York	232	2	34	196
Northeast	491	3	98	389	Southeast	1,644	14	323	1,307
Carbon	19	0	4	14	Berks	105	1	25	79
Lackawanna	63	0	16	47	Bucks	206	1	29	176
Lehigh	163	1	18	144	Chester	105	0	26	79
Luzerne	75	0	23	52	Delaware	248	3	49	196
Monroe	34	2	9	23	Lancaster	106	2	24	80
Northampton	88	0	11	77	Montgomery	367	2	36	329
Pike	8	0	2	6	Philadelphia	449	5	124	320
Susquehanna	16	0	5	11	Schuylkill	58	0	10	48
Wayne	20	0	9	11					
Wyoming	5	0	1	4					

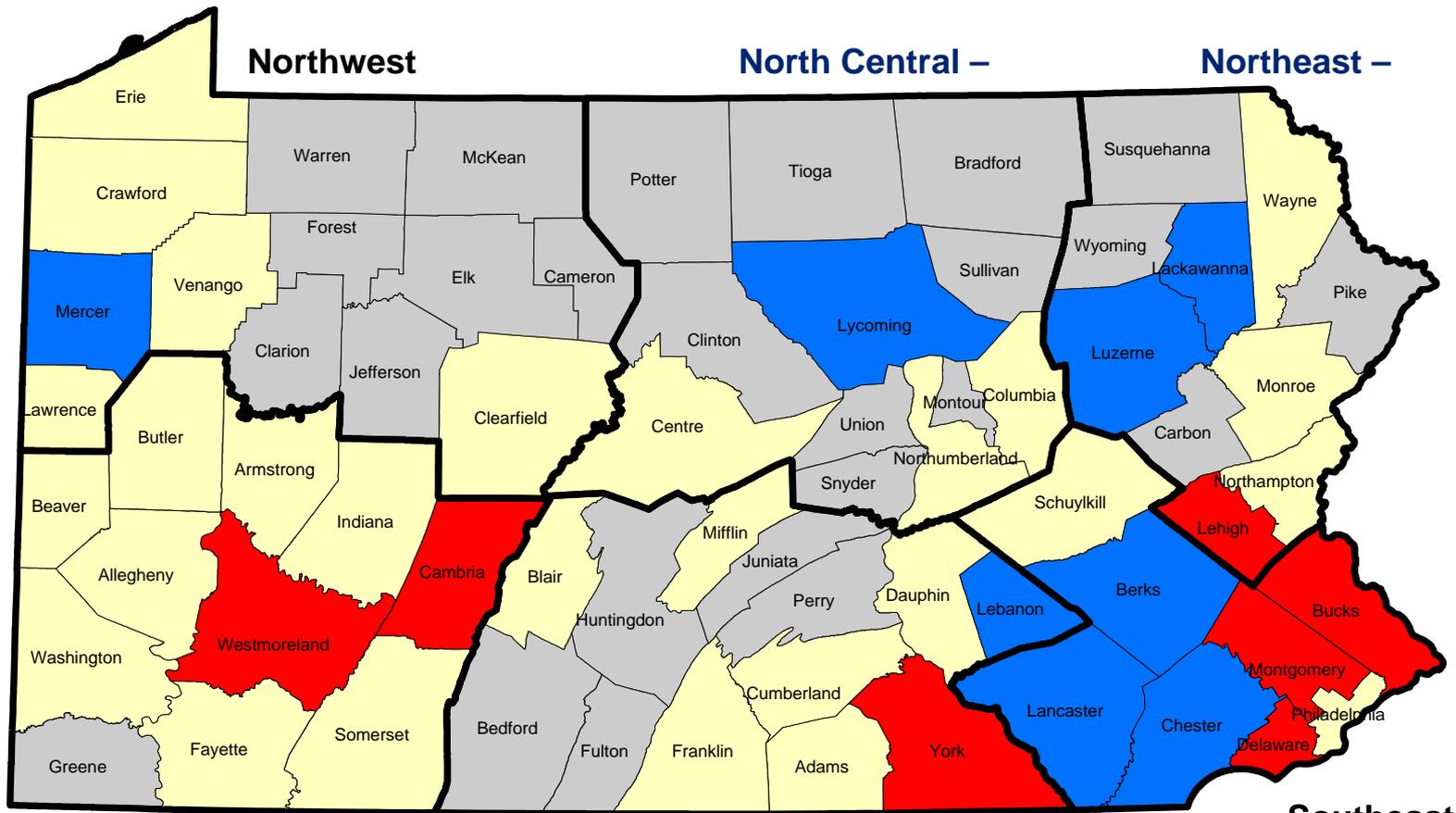
NOTE: * Unknowns included in totals.

Data for 2002-2006 based on ICD-10 cause of death codes.

See Technical Notes.

**AVERAGE ANNUAL AGE-ADJUSTED DEATH RATES AND SIGNIFICANCE TEST RESULTS
BY COUNTY AND PA HEALTH DISTRICT, PENNSYLVANIA RESIDENTS, 2002-2006**

Unintentional Fall Deaths



Southwest +

South Central +

Southeast

Legend

- Rate Significantly Lower than PA
- Rate Significantly Higher than PA
- No Significant Difference from PA
- Rate Not Calculated (< 20 events)

If the district rate was significantly higher or lower than the state rate, a + or - follows the name. No sign indicates no significant difference.

POISONING DEATHS

- Poisoning includes all deaths of unintentional, intentional and undetermined intent caused by exposure to drugs, biological substances, gases/vapors and other solids and liquids.
- The number of poisoning deaths has generally been on the increase since 2002. There were 1,708 resident deaths in 2006, 42 percent more than the 1,202 that were reported for 2002. The 2006 age-adjusted death rate (14.1 per 100,000) for poisoning was the highest recorded during the five-year period 2002-2006.
- The age-adjusted death rates for poisoning among males have generally been on the increase between 2002 and 2006. The rates for black males have remained the highest rates among the four sex/race groups.
- Among females, age-adjusted rates have consistently increased from 2002 to a peak in 2005. Black and white females showed a decrease in 2006 from their 2005 rates.
- The average annual age-specific death rates for 2002-2006 were highest for black males between age 45 and 54. White males had the highest rates for ages under 30, especially those ages 20-24 (32.9) and ages 25-29 (33.7).
- Females experienced their highest age-specific death rates between the ages of 35 and 49. Age-specific death rates among white males peaked for ages 40-49.
- The vast majority of poisoning deaths during 2002-2006 occurred among those aged 20-54 years. They accounted for 6,641 or 85 percent of the 7,778 deaths reported over that five-year period.
- Seven counties (Allegheny, Blair, Cambria, Delaware, Lackawanna, Luzerne and Philadelphia) had average annual age-adjusted death rates for 2002-2006 that were significantly higher than the corresponding state rate.
- Seventeen counties had average annual age-adjusted death rates for 2002-2006 that were significantly lower than the corresponding state rate.
- About 22 percent, or 1,717, of all the 7,778 poisoning deaths during 2002-2006 were seen in Philadelphia residents.

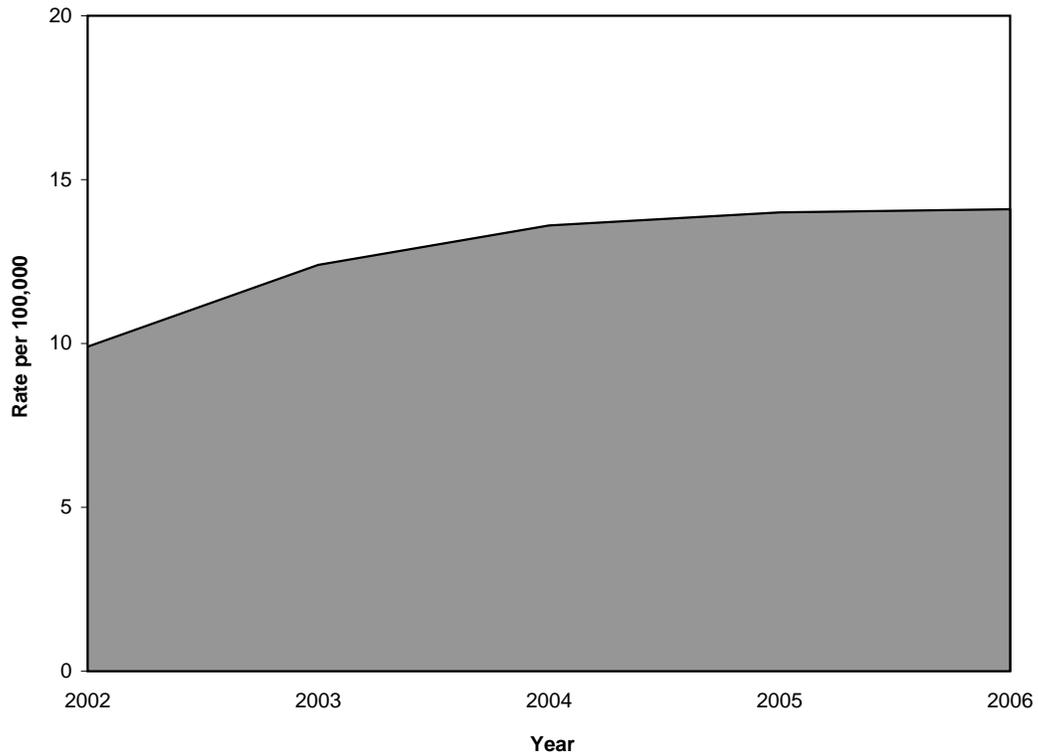
**HIGHEST AGE-ADJUSTED DEATH RATES:
Black males; Urban counties**

**HIGHEST AGE-SPECIFIC DEATH RATES:
Black males**

POISONING DEATHS
TOTAL NUMBER OF DEATHS AND AGE-ADJUSTED DEATH RATES
PENNSYLVANIA RESIDENTS, 2002-2006

Year	No.	Rate
2002	1,202	9.9
2003	1,503	12.4
2004	1,654	13.6
2005	1,711	14.0
2006	1,708	14.1

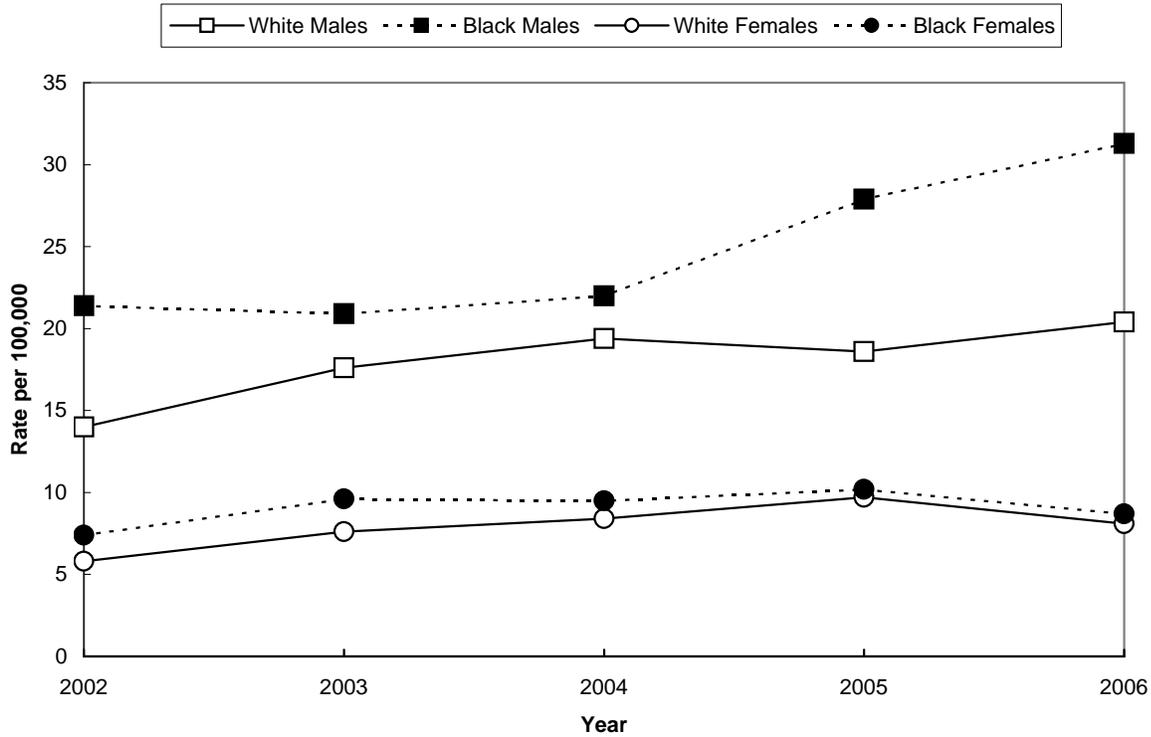
NOTES: Age-adjusted rates are computed by the direct method using the 2000 standard million population. Rates are per 100,000.
Data for 2002-2006 based on ICD-10 cause of death codes.
See Technical Notes.



POISONING DEATHS
TOTAL NUMBER OF DEATHS AND AGE-ADJUSTED DEATH RATES BY SEX AND RACE
PENNSYLVANIA RESIDENTS, 2002-2006

Year	Males						Females					
	All Races		White		Black		All Races		White		Black	
	No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate
2002	836	14.1	719	14.0	117	21.4	366	5.9	318	5.8	47	7.4
2003	1,028	17.3	907	17.6	117	20.9	474	7.6	408	7.6	62	9.6
2004	1,136	19.0	1,007	19.4	122	22.0	518	8.3	455	8.4	61	9.5
2005	1,118	18.6	958	18.6	156	27.9	593	9.5	525	9.7	66	10.2
2006	1,218	20.4	1,038	20.4	174	31.3	490	7.9	431	8.1	56	8.7

NOTES: Age-Adjusted rates are computed by the direct method using the 2000 U.S. standard million population. Rates are per 100,000.
 Data for 2002-2006 based on ICD-10 cause of death codes.
 See Technical Notes.



POISONING DEATHS
TOTAL NUMBER OF DEATHS AND AVERAGE ANNUAL AGE-SPECIFIC DEATH RATES BY SEX AND RACE
PENNSYLVANIA RESIDENTS, 2002-2006

AGE GROUP	ALL DEATHS NO. RATE		MALES						FEMALES					
			ALL RACES NO. RATE		WHITE NO. RATE		BLACK NO. RATE		ALL RACES NO. RATE		WHITE NO. RATE		BLACK NO. RATE	
TOTAL ***	7,778	12.5	5,336	17.8	4,629	17.8	686	22.3	2,441	7.6	2,137	7.8	292	8.6
< 5	21	0.6	13	0.7	4	-	9	-	8	-	4	-	4	-
5-9	8	-	4	-	4	-	0	-	4	-	2	-	2	-
10-14	17	0.4	10	0.5	9	-	1	-	7	-	3	-	4	-
15-19	234	5.1	173	7.5	165	8.6	5	-	61	2.7	58	3.1	2	-
20-24	762	18.3	598	28.4	577	32.9	17	6.4	164	8.0	155	9.1	7	-
25-29	690	19.3	536	29.6	507	33.7	28	12.5	154	8.7	142	9.8	11	4.8
30-34	759	19.7	554	28.9	475	29.2	78	36.7	205	10.6	177	11.0	28	12.2
35-39	1,040	24.1	687	32.1	587	31.8	96	43.8	353	16.2	293	15.8	58	23.8
40-44	1,347	28.6	884	38.0	779	38.2	103	46.5	463	19.5	406	19.7	55	22.0
45-49	1,240	26.5	827	35.8	699	34.1	125	61.7	413	17.4	349	16.8	62	26.4
50-54	803	18.7	549	26.0	422	22.3	127	75.2	254	11.6	219	11.3	35	17.3
55-59	360	9.9	235	13.3	183	11.5	52	39.7	125	6.6	110	6.5	15	9.1
60-64	138	4.7	78	5.6	57	4.5	20	20.3	59	3.8	53	3.8	6	-
65-69	79	3.1	39	3.4	26	2.5	13	17.0	40	2.9	39	3.1	0	-
70-74	65	2.8	35	3.5	28	3.1	7	-	30	2.3	28	2.4	1	-
75-79	81	4.0	47	5.8	43	5.7	3	-	34	2.8	33	3.0	1	-
80-84	56	3.8	32	5.9	31	6.1	0	-	24	2.6	24	2.8	0	-
85 +	77	6.3	34	9.9	32	9.9	2	-	43	4.9	42	5.2	1	-

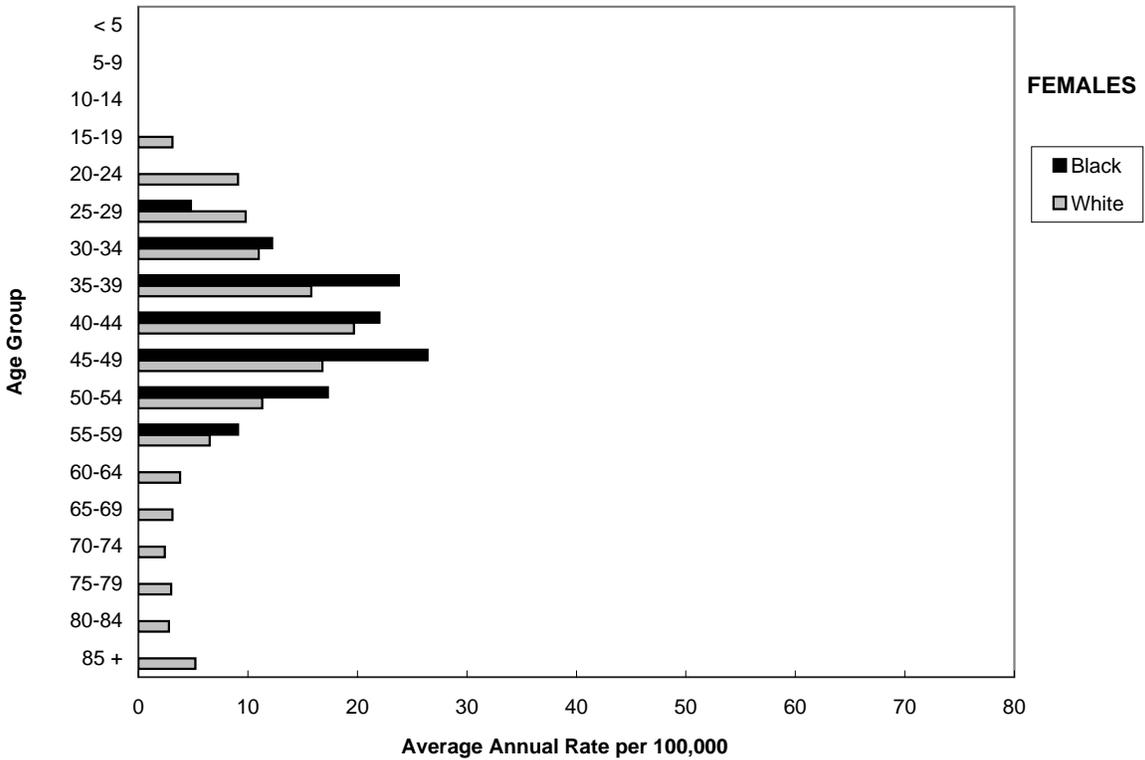
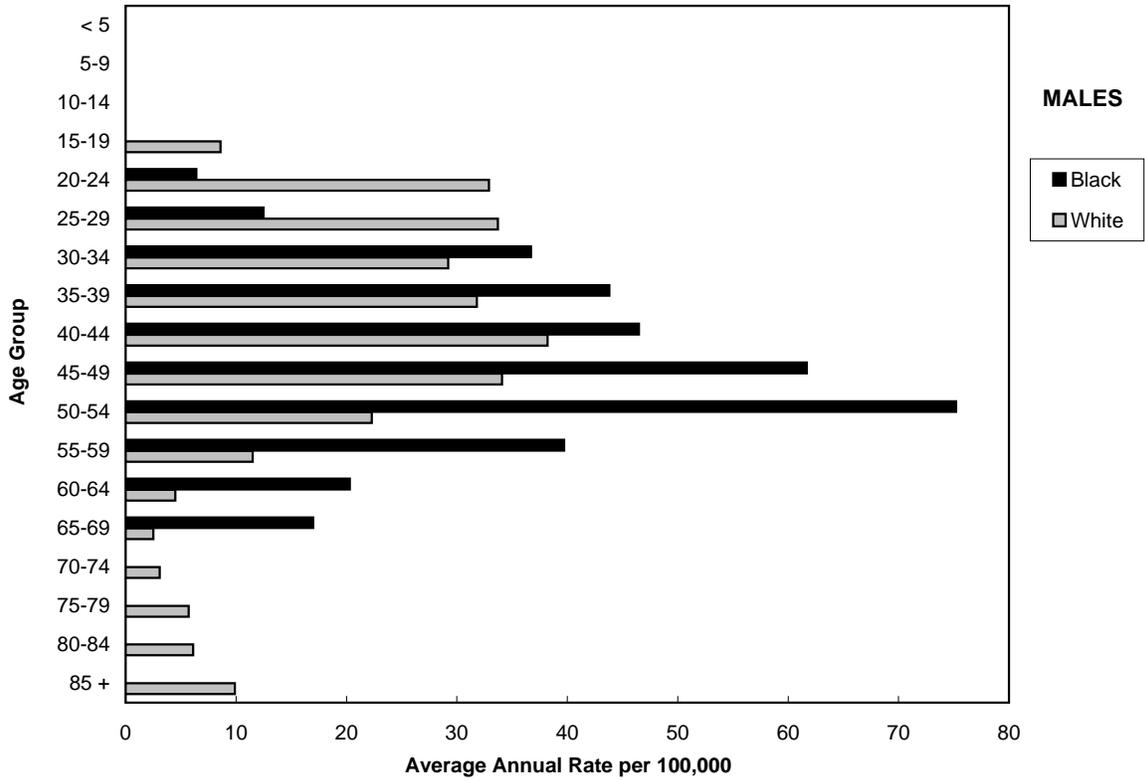
*** Unknowns included in totals.

NOTES: Rates are per 100,000 population (2002-2006) for each specified group.

Data for 2002-2006 based on ICD-10 cause of death codes.

See Technical Notes.

POISONING
AVERAGE ANNUAL AGE-SPECIFIC DEATH RATES
BY SEX AND RACE, PENNSYLVANIA RESIDENTS, 2002-2006



POISONING DEATHS

NUMBER OF DEATHS, AVERAGE ANNUAL AGE-ADJUSTED DEATH RATES, 95 % CONFIDENCE INTERVALS, AND SIGNIFICANCE TEST RESULTS, BY HEALTH DISTRICT, PENNSYLVANIA RESIDENTS, 2002-2006

District/County	No.	Rate	CI (95%)	District/County	No.	Rate	CI (95%)
Northwest	502	11.0	10.04-11.96 -	Southwest	1,879	14.0	13.37-14.63 +
Cameron	4	-		Allegheny	959	15.5	14.52-16.48 +
Clarion	14	-		Armstrong	46	14.5	10.31-18.69
Clearfield	49	12.1	8.71-15.49	Beaver	102	12.3	9.91-14.69
Crawford	32	7.4	4.84-9.96 -	Butler	86	9.8	7.73-11.87 -
Elk	14	-		Cambria	151	21.2	17.82-24.58 +
Erie	159	11.5	9.71-13.29	Fayette	92	13.3	10.58-16.02
Forest	1	-		Greene	27	13.0	8.10-17.90
Jefferson	15	-		Indiana	32	7.5	4.90-10.10 -
Lawrence	58	13.3	9.88-16.72	Somerset	40	10.6	7.32-13.88
McKean	21	9.5	5.44-13.56	Washington	128	12.9	10.67-15.13
Mercer	81	14.5	11.34-17.66	Westmoreland	216	12.4	10.75-14.05
Venango	42	16.2	11.30-21.10				
Warren	12	-					
North Central	228	6.7	5.83-7.57 -	South Central	680	8.7	8.05-9.35 -
Bradford	12	-		Adams	37	7.8	5.29-10.31 -
Centre	50	8.3	6.00-10.60 -	Bedford	27	12.3	7.66-16.94
Clinton	8	-		Blair	97	16.1	12.90-19.30 +
Columbia	28	9.4	5.92-12.88	Cumberland	56	5.1	3.76-6.44 -
Lycoming	37	5.8	3.93-7.67 -	Dauphin	102	8.0	6.45-9.55 -
Montour	9	-		Franklin	46	7.1	5.05-9.15 -
Northumberland	50	11.8	8.53-15.07	Fulton	9	-	
Potter	4	-		Huntingdon	21	9.6	5.49-13.71
Snyder	7	-		Juniata	9	-	
Sullivan	2	-		Lebanon	41	6.6	4.58-8.62 -
Tioga	8	-		Mifflin	34	16.6	11.02-22.18
Union	13	-		Perry	14	-	
				York	187	9.2	7.88-10.52 -
Northeast	937	12.8	11.98-13.62	Southeast	3,552	14.7	14.22-15.18 +
Carbon	39	13.5	9.26-17.74	Berks	176	9.3	7.93-10.67 -
Lackawanna	168	17.6	14.94-20.26 +	Bucks	373	12.3	11.05-13.55
Lehigh	188	12.0	10.28-13.72	Chester	164	7.2	6.10-8.30 -
Luzerne	249	16.9	14.80-19.00 +	Delaware	409	15.1	13.64-16.56 +
Monroe	96	12.0	9.60-14.40	Lancaster	208	8.8	7.60-10.00 -
Northampton	112	8.0	6.52-9.48 -	Montgomery	397	10.4	9.38-11.42 -
Pike	22	8.4	4.89-11.91 -	Philadelphia	1,717	24.6	23.44-25.76 +
Susquehanna	16	-		Schuylkill	108	14.9	12.09-17.71
Wayne	31	13.6	8.81-18.39				
Wyoming	16	-					
				Pennsylvania	7,778	12.8	12.52-13.08

NOTE: A+ or - after the confidence interval (CI) denotes if the county rate was significantly higher or lower than the state rate. No + or - after a CI denotes no significant difference. CIs were not calculated for rates based on less than 20 events due to unreliability. Data for 2002-2006 based on ICD-10 cause of death codes. See Technical Notes.

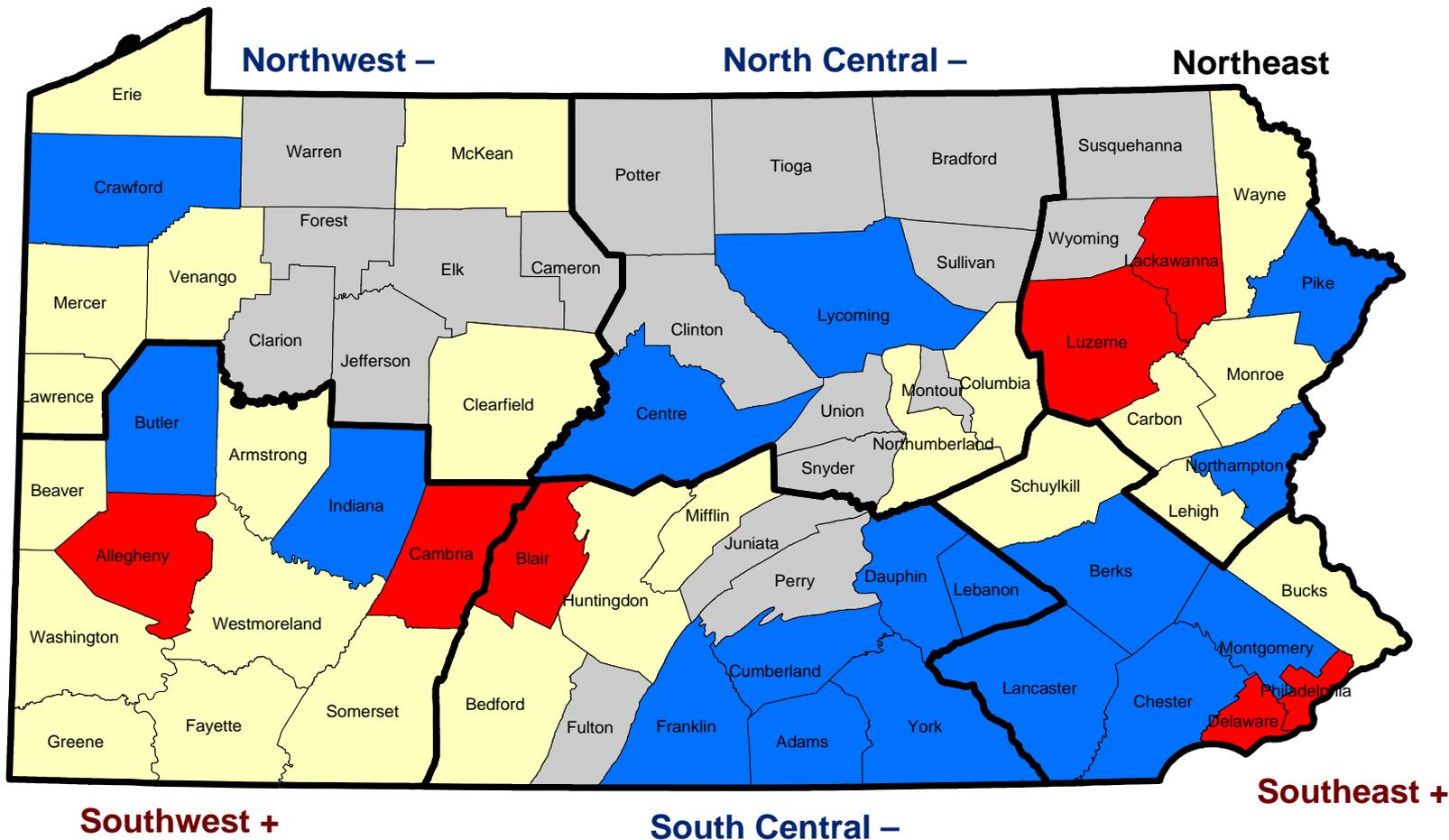
POISONING DEATHS
NUMBER OF DEATHS, TOTAL AND BY SELECTED AGE GROUPS, BY HEALTH DISTRICT
PENNSYLVANIA RESIDENTS, 2002-2006

COUNTY	TOTAL DEATHS*	AGE AT DEATH (IN YEARS)			COUNTY	TOTAL DEATHS*	AGE AT DEATH (IN YEARS)		
		< 20	20-64	65+			< 20	20-64	65+
Pennsylvania	7778	280	7139	358					
Northwest	502	17	456	28	Southwest	1,879	62	1,725	92
Cameron	4	0	4	0	Allegheny	959	19	894	46
Clarion	14	0	13	1	Armstrong	46	5	40	1
Clearfield	49	3	46	0	Beaver	102	3	93	6
Crawford	32	0	30	2	Butler	86	6	75	5
Elk	14	0	14	0	Cambria	151	11	135	5
Erie	159	0	147	12	Fayette	92	2	87	3
Forest	1	0	1	0	Greene	27	1	24	2
Jefferson	15	1	14	0	Indiana	32	1	29	2
Lawrence	58	3	51	3	Somerset	40	3	33	4
McKean	21	1	19	1	Washington	128	3	119	6
Mercer	81	5	70	6	Westmoreland	216	8	196	12
Venango	42	2	38	2					
Warren	12	2	9	1					
North Central	228	14	197	17	South Central	680	34	606	40
Bradford	12	1	9	2	Adams	37	4	33	0
Centre	50	1	47	2	Bedford	27	1	26	0
Clinton	8	0	7	1	Blair	97	2	90	5
Columbia	28	4	22	2	Cumberland	56	2	51	3
Lycoming	37	1	32	4	Dauphin	102	3	96	3
Montour	9	2	7	0	Franklin	46	5	37	4
Northumberland	50	2	45	3	Fulton	9	1	7	1
Potter	4	0	4	0	Huntingdon	21	5	15	1
Snyder	7	1	5	1	Juniata	9	0	7	2
Sullivan	2	0	2	0	Lebanon	41	2	36	3
Tioga	8	0	7	1	Mifflin	34	1	31	2
Union	13	2	10	1	Perry	14	1	11	2
					York	187	7	166	14
Northeast	937	32	867	38	Southeast	3,552	121	3,288	143
Carbon	39	1	36	2	Berks	176	4	160	12
Lackawanna	168	10	153	5	Bucks	373	20	334	19
Lehigh	188	3	176	9	Chester	164	11	138	15
Luzerne	249	10	233	6	Delaware	409	14	382	13
Monroe	96	1	93	2	Lancaster	208	13	179	16
Northampton	112	5	98	9	Montgomery	397	12	361	24
Pike	22	0	18	4	Philadelphia	1,717	45	1,633	39
Susquehanna	16	0	15	1	Schuylkill	108	2	101	5
Wayne	31	1	30	0					
Wyoming	16	1	15	0					

NOTE: * Unknowns included in totals.
 Data for 2002-2006 based on ICD-10 cause of death codes.
 See Technical Notes.

**AVERAGE ANNUAL AGE-ADJUSTED DEATH RATES AND SIGNIFICANCE TEST RESULTS
BY COUNTY AND PA HEALTH DISTRICT, PENNSYLVANIA RESIDENTS, 2002-2006**

Poisoning Deaths



Legend

- Rate Significantly Lower than PA
- Rate Significantly Higher than PA
- No Significant Difference from PA
- Rate Not Calculated (< 20 events)

If the district rate was significantly higher or lower than the state rate, a + or - follows the name. No sign indicates no significant difference.

FIREARM-RELATED DEATHS

- Firearm-related deaths include all deaths of unintentional, intentional and undetermined intent caused by the discharge of a firearm. Deaths from legal intervention involving firearm discharge are also included. (See Technical notes.)
- The annual number and age-adjusted rate for firearm-related deaths among state residents has risen slightly between 2002 and 2006. The highest annual number (1,361) was reported in 2006 for an age-adjusted rate of 10.8. The lowest annual number (1,199) and rate (9.8) were recorded in 2002.
- Among the four sex/race groups, black males had the highest annual age-adjusted death rates during 2002-2006. The 2006 rate for black males was 62.3 per 100,000, more than four times higher than the rate for white males (14.3), which was the second highest rate in 2006.
- The rate among males increased from 2002-2006, especially among black males. Female rates decreased from 2004-2006.
- The 2002-2006 age-specific death rates were highest for black males for all the age groups under age 55. White males had the highest age-specific death rates for nearly all the age groups from age 55 and older.
- The 2002-2006 age-specific death rates for black males rose dramatically at ages 15-19 (115.4) and peaked at ages 20-24 (189.3). The rates for white males were relatively stable among younger age groups (ages 20-44), but rose to their highest levels for the oldest age groups (ages 75+). The rates for black females were highest between the ages of 20 and 29, while the rates for white females were highest between the ages of 40 and 49.
- Three counties (Allegheny, Bedford and Philadelphia) had average annual age-adjusted death rates for firearm-related injuries during 2002-2006 that were significantly higher than the corresponding state rate.
- Twenty-three counties had average annual age-adjusted death rates for firearm-related injuries during 2002-2006 that were significantly lower than the corresponding state rate.
- Approximately 28 percent, or 1,792, of the total 6,382 firearm-related deaths during 2002-2006 were seen in residents of Philadelphia.

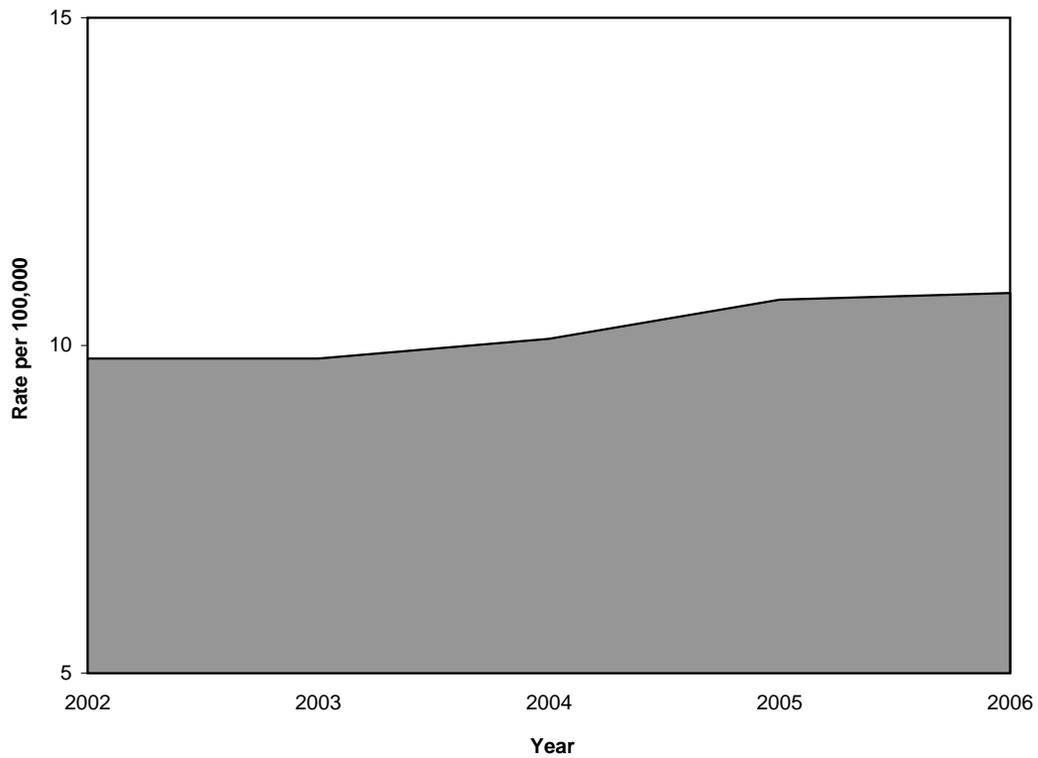
**HIGHEST AGE-ADJUSTED DEATH RATES:
Black males**

**HIGHEST AGE-SPECIFIC DEATH RATES:
Younger black males (ages 15-34)**

**FIREARM-RELATED DEATHS
TOTAL NUMBER OF DEATHS AND AGE-ADJUSTED DEATH RATES
PENNSYLVANIA RESIDENTS, 2002-2006**

Year	No.	Rate
2002	1,199	9.8
2003	1,220	9.8
2004	1,264	10.1
2005	1,338	10.7
2006	1,361	10.8

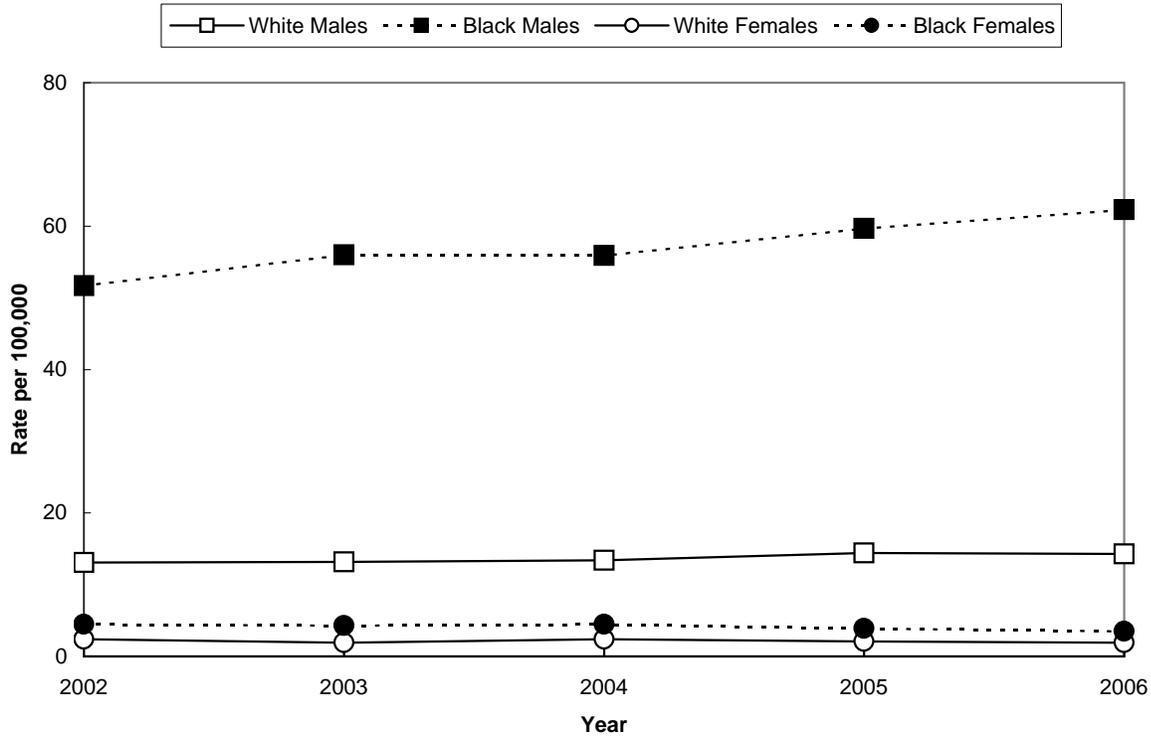
NOTES: Age-adjusted rates are computed by the direct method using the 2000 standard million population. Rates are per 100,000.
Data for 2002-2006 based on ICD-10 cause of death codes.
See Technical Notes.



FIREARM-RELATED DEATHS
TOTAL NUMBER OF DEATHS AND AGE-ADJUSTED DEATH RATES BY SEX AND RACE
PENNSYLVANIA RESIDENTS, 2002-2006

Year	Males						Females					
	All Races		White		Black		All Races		White		Black	
	No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate
2002	1,034	17.4	692	13.1	334	51.7	165	2.6	132	2.4	30	4.5
2003	1,083	18.0	705	13.2	368	56.0	137	2.2	103	1.9	29	4.3
2004	1,104	18.2	725	13.4	372	55.9	160	2.6	128	2.4	31	4.5
2005	1,195	19.7	779	14.4	401	59.7	143	2.3	113	2.1	27	3.9
2006	1,227	20.1	766	14.3	445	62.3	134	2.1	106	1.9	25	3.5

NOTES: Age-Adjusted rates are computed by the direct method using the 2000 U.S. standard million population. Rates are per 100,000.
 Data for 2002-2006 based on ICD-10 cause of death codes.
 See Technical Notes.



FIREARM-RELATED DEATHS
TOTAL NUMBER OF DEATHS AND AVERAGE ANNUAL AGE-SPECIFIC DEATH RATES BY SEX AND RACE
PENNSYLVANIA RESIDENTS, 2002-2006

AGE GROUP	ALL DEATHS NO. RATE		MALES						FEMALES					
			ALL RACES NO. RATE		WHITE NO. RATE		BLACK NO. RATE		ALL RACES NO. RATE		WHITE NO. RATE		BLACK NO. RATE	
TOTAL ***	6,382	10.3	5643	18.8	3667	14.1	1920	62.3	739	2.3	582	2.1	142	4.2
< 5	9	-	6	-	4	-	2	-	3	-	2	-	1	-
5-9	12	0.3	7	-	2	-	5	-	5	-	3	-	2	-
10-14	52	1.2	38	1.8	21	1.2	16	5.5	14	0.7	7	-	7	-
15-19	596	13.0	544	23.5	200	10.4	341	115.4	52	2.3	35	1.9	15	5.2
20-24	908	21.8	841	39.9	328	18.7	499	189.3	67	3.3	42	2.5	23	8.8
25-29	729	20.4	672	37.1	261	17.4	402	179.1	57	3.2	34	2.3	21	9.2
30-34	564	14.7	488	25.4	240	14.8	238	112.1	76	3.9	60	3.7	12	5.2
35-39	528	12.2	450	21.0	295	16.0	148	67.6	78	3.6	62	3.3	15	6.2
40-44	573	12.2	483	20.8	375	18.4	102	46.1	90	3.8	79	3.8	11	4.4
45-49	539	11.5	446	19.3	383	18.7	62	30.6	93	3.9	81	3.9	10	4.3
50-54	461	10.7	390	18.5	351	18.6	37	21.9	71	3.2	57	2.9	13	6.4
55-59	319	8.7	288	16.3	265	16.6	21	16.0	31	1.6	29	1.7	1	-
60-64	227	7.7	195	13.9	186	14.6	9	-	32	2.1	27	1.9	5	-
65-69	177	7.0	160	14.0	150	14.3	10	13.1	17	1.2	14	1.1	3	-
70-74	201	8.8	181	18.3	173	18.9	8	-	20	1.5	18	1.5	2	-
75-79	211	10.5	196	24.3	193	25.6	3	-	15	1.2	14	1.3	1	-
80-84	171	11.7	157	29.0	145	28.7	12	41.4	14	1.5	14	1.6	0	-
85 +	102	8.4	98	28.4	93	28.8	5	-	4	-	4	-	0	-

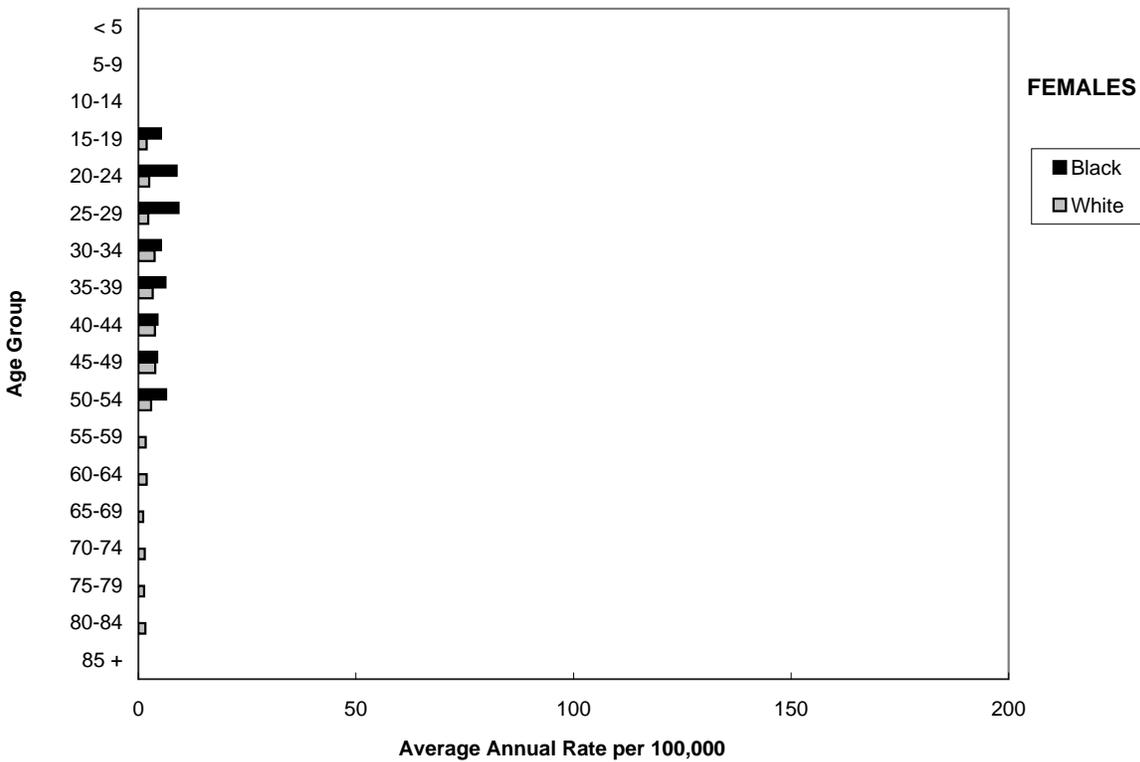
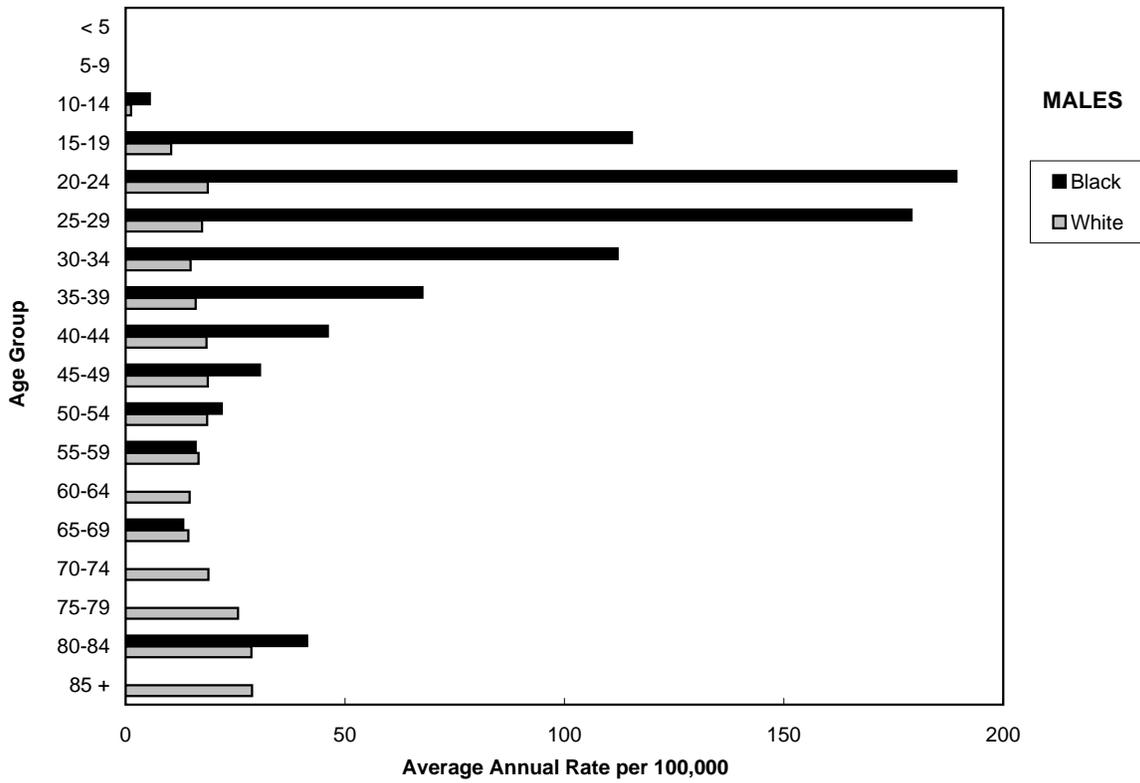
*** Unknowns included in totals.

NOTES: Rates are per 100,000 population (2002-2006) for each specified group.

Data for 2002-2006 based on ICD-10 cause of death codes.

See Technical Notes.

**FIREARM-RELATED DEATHS
 AVERAGE ANNUAL AGE-SPECIFIC DEATH RATES
 BY SEX AND RACE, PENNSYLVANIA RESIDENTS, 2002-2006**



FIREARM-RELATED DEATHS

**NUMBER OF DEATHS, AVERAGE ANNUAL AGE-ADJUSTED DEATH RATES, 95 % CONFIDENCE INTERVALS,
AND SIGNIFICANCE TEST RESULTS, BY HEALTH DISTRICT, PENNSYLVANIA RESIDENTS, 2002-2006**

District/County	No.	Rate	CI (95%)	District/County	No.	Rate	CI (95%)
Northwest	387	8.0	7.20-8.80 -	Southwest	1,405	10.1	9.57-10.63
Cameron	3	-		Allegheny	734	11.8	10.95-12.65 +
Clarion	23	11.5	6.80-16.20	Armstrong	38	11.0	7.50-14.50
Clearfield	52	11.4	8.30-14.50	Beaver	79	8.3	6.47-10.13 -
Crawford	44	9.5	6.69-12.31	Butler	69	7.6	5.81-9.39 -
Elk	11	-		Cambria	70	9.5	7.27-11.73
Erie	75	5.3	4.10-6.50 -	Fayette	80	10.8	8.43-13.17
Forest	3	-		Greene	23	10.5	6.21-14.79
Jefferson	30	13.3	8.54-18.06	Indiana	34	8.1	5.38-10.82
Lawrence	42	9.0	6.28-11.72	Somerset	32	7.8	5.10-10.50
McKean	23	9.8	5.79-13.81	Washington	82	7.3	5.72-8.88 -
Mercer	38	6.4	4.37-8.43 -	Westmoreland	164	8.6	7.28-9.92 -
Venango	23	7.5	4.43-10.57				
Warren	20	9.1	5.11-13.09				
North Central	240	6.8	5.94-7.66 -	South Central	676	8.4	7.77-9.03 -
Bradford	33	10.1	6.65-13.55	Adams	33	6.6	4.35-8.85 -
Centre	32	5.2	3.40-7.00 -	Bedford	36	15.2	10.23-20.17 +
Clinton	20	10.7	6.01-15.39	Blair	65	9.6	7.27-11.93
Columbia	26	7.8	4.80-10.80	Cumberland	66	5.7	4.32-7.08 -
Lycoming	45	7.5	5.31-9.69 -	Dauphin	112	9.1	7.41-10.79
Montour	4	-		Franklin	43	6.3	4.42-8.18 -
Northumberland	21	4.3	2.46-6.14 -	Fulton	9	-	
Potter	10	-		Huntingdon	19	-	
Snyder	7	-		Juniata	13	-	
Sullivan	5	-		Lebanon	50	7.7	5.57-9.83 -
Tioga	24	11.7	7.02-16.38	Mifflin	27	12.0	7.47-16.53
Union	13	-		Perry	23	9.8	5.79-13.81
				York	180	8.8	7.51-10.09 -
Northeast	667	8.6	7.95-9.25 -	Southeast	3,007	12.3	11.86-12.74 +
Carbon	31	9.1	5.90-12.30	Berks	206	10.5	9.07-11.93
Lackawanna	82	7.6	5.96-9.24 -	Bucks	171	5.5	4.68-6.32 -
Lehigh	126	7.7	6.36-9.04 -	Chester	134	5.8	4.82-6.78 -
Luzerne	172	10.8	9.19-12.41	Delaware	248	8.9	7.79-10.01 -
Monroe	58	7.4	5.50-9.30 -	Lancaster	159	6.5	5.49-7.51 -
Northampton	99	6.8	5.46-8.14 -	Montgomery	208	5.3	4.58-6.02 -
Pike	22	8.8	5.12-12.48	Philadelphia	1,792	23.2	22.13-24.27 +
Susquehanna	23	10.3	6.09-14.51	Schuylkill	89	11.8	9.35-14.25
Wayne	36	13.1	8.82-17.38				
Wyoming	18	-					
				Pennsylvania	6,382	10.2	9.95-10.45

NOTE: A+ or - after the confidence interval (CI) denotes if the county rate was significantly higher or lower than the state rate. No + or - after a CI denotes no significant difference. CIs were not calculated for rates based on less than 20 events due to unreliability. Data for 2002-2006 based on ICD-10 cause of death codes. See Technical Notes.

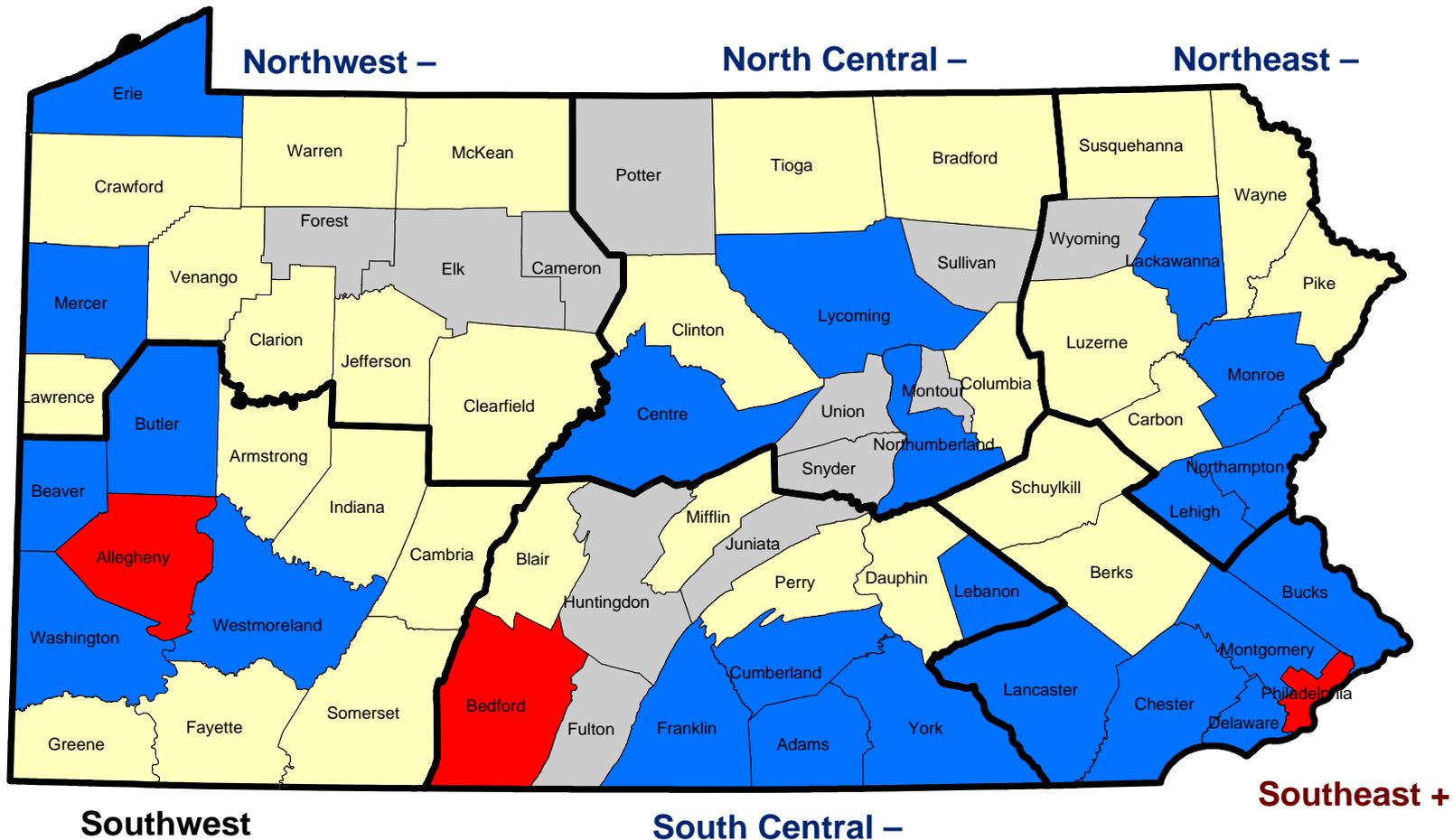
FIREARM-RELATED DEATHS
NUMBER OF DEATHS, TOTAL AND BY SELECTED AGE GROUPS, BY HEALTH DISTRICT
PENNSYLVANIA RESIDENTS, 2002-2006

COUNTY	TOTAL DEATHS*	AGE AT DEATH (IN YEARS)			COUNTY	TOTAL DEATHS*	AGE AT DEATH (IN YEARS)		
		< 20	20-64	65+			< 20	20-64	65+
Pennsylvania	6,382	669	4,848	862					
Northwest	387	24	284	79	Southwest	1,405	159	1,025	221
Cameron	3	0	3	0	Allegheny	734	109	534	91
Clarion	23	0	17	6	Armstrong	38	1	32	5
Clearfield	52	3	36	13	Beaver	79	3	59	17
Crawford	44	4	31	9	Butler	69	8	46	15
Elk	11	1	9	1	Cambria	70	9	52	9
Erie	75	6	53	16	Fayette	80	8	58	14
Forest	3	0	3	0	Greene	23	1	20	2
Jefferson	30	2	24	4	Indiana	34	2	25	7
Lawrence	42	3	33	6	Somerset	32	1	27	4
McKean	23	1	17	5	Washington	82	6	53	23
Mercer	38	1	30	7	Westmoreland	164	11	119	34
Venango	23	2	14	7					
Warren	20	1	14	5					
North Central	240	21	168	51	South Central	676	55	507	114
Bradford	33	1	24	8	Adams	33	4	23	6
Centre	32	2	28	2	Bedford	36	3	27	6
Clinton	20	3	13	4	Blair	65	4	46	15
Columbia	26	3	14	9	Cumberland	66	4	52	10
Lycoming	45	4	33	8	Dauphin	112	12	88	12
Montour	4	0	1	3	Franklin	43	2	32	9
Northumberland	21	1	17	3	Fulton	9	0	8	1
Potter	10	2	6	2	Huntingdon	19	1	13	5
Snyder	7	0	7	0	Juniata	13	4	8	1
Sullivan	5	0	3	2	Lebanon	50	3	37	10
Tioga	24	5	16	3	Mifflin	27	2	22	3
Union	13	0	6	7	Perry	23	0	19	4
					York	180	16	132	32
Northeast	667	31	510	126	Southeast	3,007	379	2,354	271
Carbon	31	0	19	12	Berks	206	22	147	37
Lackawanna	82	2	68	12	Bucks	171	11	120	40
Lehigh	126	13	95	18	Chester	134	9	106	19
Luzerne	172	7	138	27	Delaware	248	29	191	28
Monroe	58	2	48	8	Lancaster	159	21	120	17
Northampton	99	5	73	21	Montgomery	208	8	163	37
Pike	22	0	17	5	Philadelphia	1,792	268	1,445	77
Susquehanna	23	1	15	7	Schuylkill	89	11	62	16
Wayne	36	0	25	11					
Wyoming	18	1	12	5					

NOTE: * Unknowns included in totals.
 Data for 2002-2006 based on ICD-10 cause of death codes.
 See Technical Notes.

**AVERAGE ANNUAL AGE-ADJUSTED DEATH RATES AND SIGNIFICANCE TEST RESULTS
BY COUNTY AND PA HEALTH DISTRICT, PENNSYLVANIA RESIDENTS, 2002-2006**

Firearm Deaths



Legend

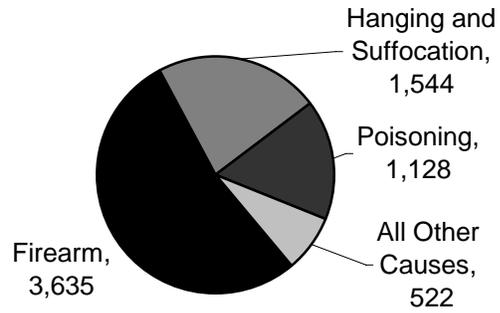
- Rate Significantly Lower than PA
- Rate Significantly Higher than PA
- No Significant Difference from PA
- Rate Not Calculated (< 20 events)

If the district rate was significantly higher or lower than the state rate, a + or - follows the name. No sign indicates no significant difference.

SUICIDE

- Suicide includes all deaths due to intentional self-harm and the late effects of intentional self-harm.
- Pennsylvania's annual age-adjusted rate for deaths due to suicide has not changed much during the 2002-2006 period, fluctuating between 10.5 and 11.0 per 100,000.
- The highest number of suicides in the five-year period was 1,404 in 2005, only 6 percent more than the 1,326 recorded in 2002.
- White males had the highest annual age-adjusted death rates for suicide among the four sex/race groups during 2002-2006. The 2006 rate for white males was 19.7 per 100,000 – 71 percent higher than the second highest rate of 11.5 for black males.
- The annual age-adjusted death rates for suicide among females during 2002-2006 were considerably lower than the rates for all males. In 2006, the female rate was 3.7, compared to 18.6 for all males.
- As with the age-adjusted death rates, the 2002-2006 age-specific death rates for suicide were highest among males.
- Among males of all races, age-specific death rates were highest for the age groups between the ages of 35 and 49 and those aged 75 and older.
- Twelve counties had average annual age-adjusted death rates for 2002-2006 that were significantly higher than the corresponding state rate.
- Four counties (Chester, Delaware, Lancaster and Montgomery) had average annual age-adjusted death rates for 2002-2006 that were significantly lower than the corresponding state rate.

**SUICIDES BY MECHANISM & NUMBER
PENNSYLVANIA RESIDENTS, 2002-2006**



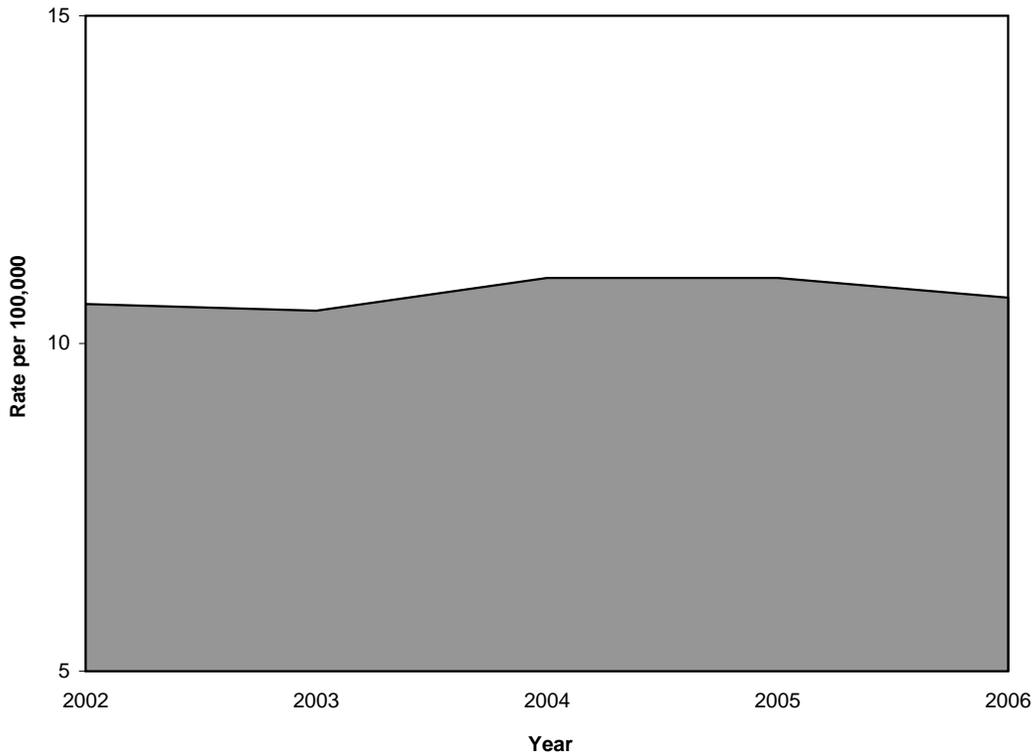
**HIGHEST AGE-ADJUSTED DEATH RATES:
White Males**

**HIGHEST AGE-SPECIFIC DEATH RATES:
Males, especially elderly white males**

SUICIDE DEATHS
TOTAL NUMBER OF DEATHS AND AGE-ADJUSTED DEATH RATES
PENNSYLVANIA RESIDENTS, 2002-2006

Year	No.	Rate
2002	1,326	10.6
2003	1,330	10.5
2004	1,397	11.0
2005	1,404	11.0
2006	1,372	10.7

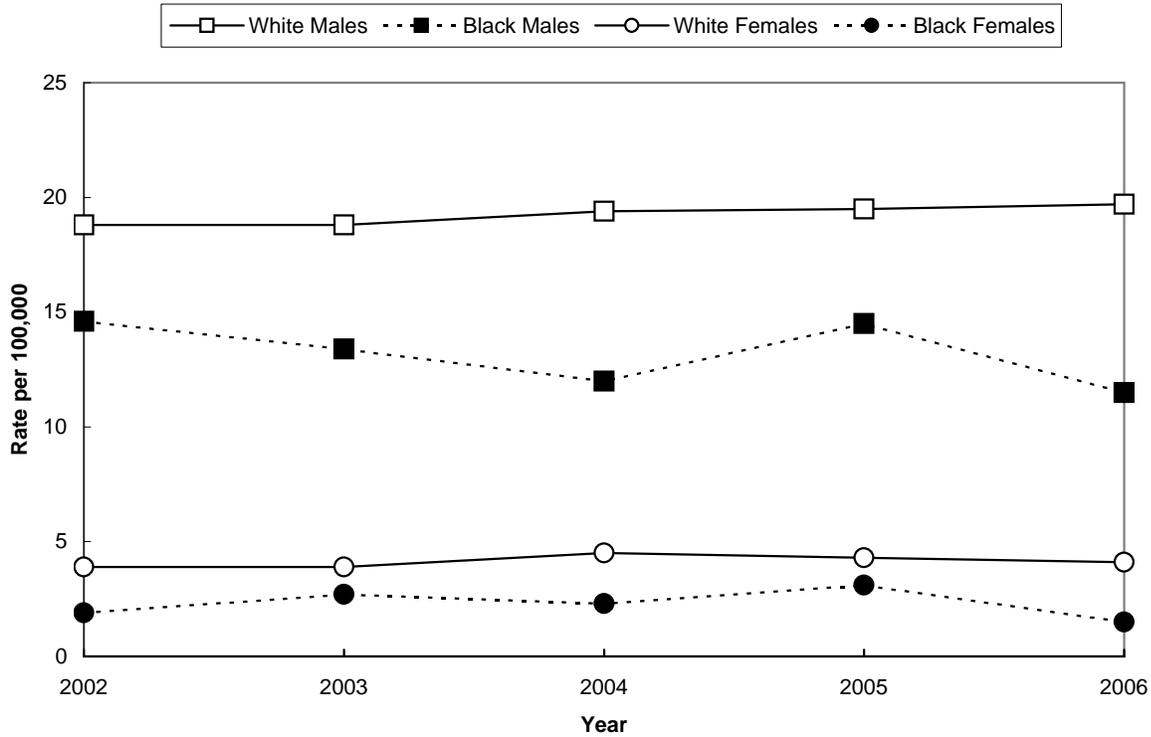
NOTES: Age-adjusted rates are computed by the direct method using the 2000 standard million population. Rates are per 100,000.
Data for 2002-2006 based on ICD-10 cause of death codes.
See Technical Notes.



SUICIDE DEATHS
TOTAL NUMBER OF DEATHS AND AGE-ADJUSTED DEATH RATES BY SEX AND RACE
PENNSYLVANIA RESIDENTS, 2002-2006

Year	Males						Females					
	All Races		White		Black		All Races		White		Black	
	No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate
2002	1,091	18.2	997	18.8	84	14.6	235	3.6	219	3.9	12	1.9
2003	1,088	18.0	1,000	18.8	79	13.4	242	3.8	219	3.9	18	2.7
2004	1,125	18.4	1,043	19.4	72	12.0	272	4.2	254	4.5	16	2.3
2005	1,139	18.7	1,047	19.5	79	14.5	265	4.1	240	4.3	21	3.1
2006	1,134	18.6	1,053	19.7	70	11.5	238	3.7	223	4.1	10	1.5

NOTES: Age-Adjusted rates are computed by the direct method using the 2000 U.S. standard million population. Rates are per 100,000.
 Data for 2002-2006 based on ICD-10 cause of death codes.
 See Technical Notes.



SUICIDE DEATHS
TOTAL NUMBER OF DEATHS AND AVERAGE ANNUAL AGE-SPECIFIC DEATH RATES BY SEX AND RACE
PENNSYLVANIA RESIDENTS, 2002-2006

AGE GROUP	ALL DEATHS NO. RATE		MALES						FEMALES					
			ALL RACES NO. RATE		WHITE NO. RATE		BLACK NO. RATE		ALL RACES NO. RATE		WHITE NO. RATE		BLACK NO. RATE	
TOTAL ***	6,829	11.0	5,577	18.6	5,140	19.8	384	12.5	1,252	3.9	1,155	4.2	77	2.3
< 5	0	-	0	-	0	-	0	-	0	-	0	-	0	-
5-9	0	-	0	-	0	-	0	-	0	-	0	-	0	-
10-14	64	1.5	45	2.1	34	1.9	10	3.4	19	0.9	15	0.9	4	-
15-19	318	7.0	255	11.0	233	12.1	20	6.8	63	2.8	55	2.9	6	-
20-24	526	12.6	451	21.4	385	22.0	57	21.6	75	3.7	64	3.8	9	-
25-29	469	13.1	395	21.8	337	22.4	50	22.3	74	4.2	64	4.4	8	-
30-34	507	13.2	415	21.6	365	22.4	42	19.8	92	4.8	82	5.1	9	-
35-39	657	15.2	517	24.2	472	25.6	38	17.4	140	6.4	126	6.8	12	4.9
40-44	809	17.2	646	27.8	601	29.5	43	19.4	163	6.9	155	7.5	6	-
45-49	837	17.9	655	28.4	616	30.0	37	18.3	182	7.7	176	8.5	4	-
50-54	705	16.4	540	25.6	511	27.0	24	14.2	165	7.5	152	7.8	10	4.9
55-59	494	13.5	413	23.4	389	24.4	22	16.8	81	4.3	77	4.6	4	-
60-64	335	11.3	279	19.9	268	21.0	8	-	56	3.6	53	3.8	1	-
65-69	225	8.9	192	16.7	181	17.2	9	-	33	2.4	32	2.6	0	-
70-74	239	10.4	204	20.6	197	21.5	7	-	35	2.7	32	2.7	3	-
75-79	274	13.6	239	29.6	237	31.4	2	-	35	2.9	35	3.2	0	-
80-84	221	15.2	198	36.6	188	37.2	10	34.5	23	2.5	22	2.6	0	-
85 +	146	12.0	130	37.7	124	38.4	4	-	16	1.8	15	1.8	1	-

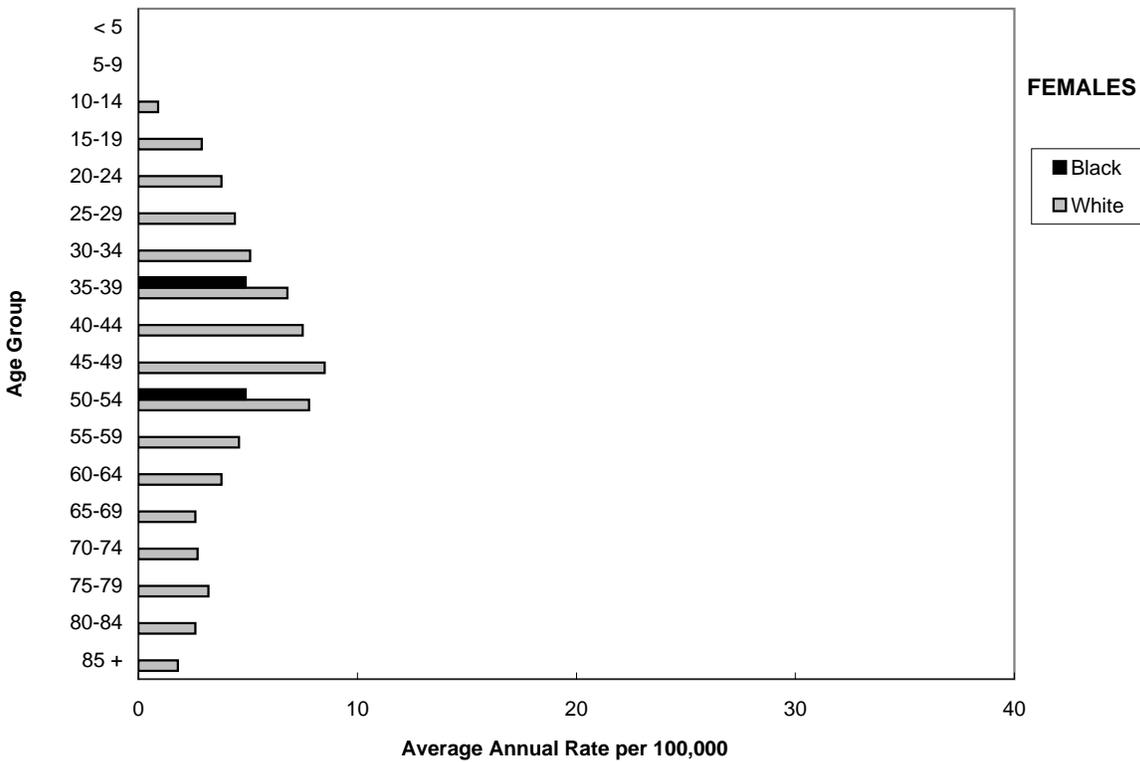
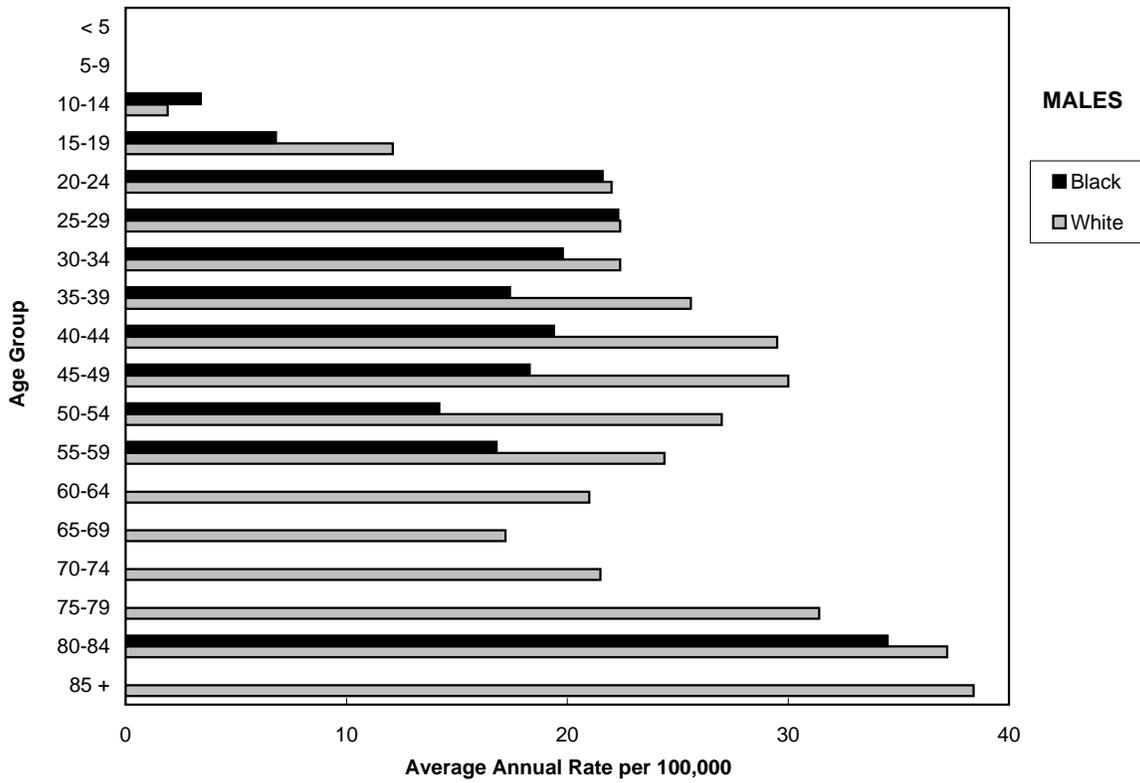
*** Unknowns included in totals.

NOTES: Rates are per 100,000 population (2002-2006) for each specified group.

Data for 2002-2006 based on ICD-10 cause of death codes.

See Technical Notes.

SUICIDE DEATHS
AVERAGE ANNUAL AGE-SPECIFIC DEATH RATES
BY SEX AND RACE, PENNSYLVANIA RESIDENTS, 2002-2006



SUICIDE DEATHS

**NUMBER OF DEATHS, AVERAGE ANNUAL AGE-ADJUSTED DEATH RATES, 95 % CONFIDENCE INTERVALS,
AND SIGNIFICANCE TEST RESULTS, BY HEALTH DISTRICT, PENNSYLVANIA RESIDENTS, 2002-2006**

District/County	No.	Rate	CI (95%)	District/County	No.	Rate	CI (95%)
Northwest	523	10.8	9.87-11.73	Southwest	1,628	11.4	10.85-11.95 +
Cameron	5	-		Allegheny	751	11.6	10.77-12.43 +
Clarion	23	11.4	6.74-16.06	Armstrong	39	10.9	7.48-14.32
Clearfield	66	14.8	11.23-18.37 +	Beaver	89	9.3	7.37-11.23
Crawford	52	11.2	8.16-14.24	Butler	92	10.2	8.12-12.28
Elk	14	-		Cambria	111	15.0	12.21-17.79 +
Erie	133	9.5	7.89-11.11	Fayette	88	11.8	9.33-14.27
Forest	4	-		Greene	25	11.6	7.05-16.15
Jefferson	35	15.3	10.23-20.37	Indiana	43	10.4	7.29-13.51
Lawrence	46	9.5	6.75-12.25	Somerset	41	10.0	6.94-13.06
McKean	28	12.0	7.56-16.44	Washington	115	10.3	8.42-12.18
Mercer	60	10.1	7.54-12.66	Westmoreland	234	12.3	10.72-13.88 +
Venango	35	11.9	7.96-15.84				
Warren	22	9.7	5.65-13.75				
North Central	334	9.6	8.57-10.63 -	South Central	873	10.7	9.99-11.41
Bradford	35	11.0	7.36-14.64	Adams	46	9.3	6.61-11.99
Centre	62	10.0	7.51-12.49	Bedford	46	19.2	13.65-24.75 +
Clinton	19	-		Blair	87	12.9	10.19-15.61
Columbia	31	9.0	5.83-12.17	Cumberland	109	9.4	7.64-11.16
Lycoming	57	9.1	6.74-11.46	Dauphin	119	9.2	7.55-10.85
Montour	7	-		Franklin	60	8.7	6.50-10.90
Northumberland	39	8.4	5.76-11.04	Fulton	12	-	
Potter	19	-		Huntingdon	25	10.3	6.26-14.34
Snyder	16	-		Juniata	9	-	
Sullivan	4	-		Lebanon	62	9.6	7.21-11.99
Tioga	26	13.2	8.13-18.27	Mifflin	37	16.4	11.12-21.68 +
Union	19	-		Perry	28	12.0	7.56-16.44
				York	233	11.2	9.76-12.64
Northeast	999	12.8	12.01-13.59 +	Southeast	2,472	9.9	9.51-10.29 -
Carbon	54	15.9	11.66-20.14 +	Berks	225	11.2	9.74-12.66
Lackawanna	154	14.7	12.38-17.02 +	Bucks	335	10.7	9.55-11.85
Lehigh	201	12.1	10.43-13.77	Chester	196	8.3	7.14-9.46 -
Luzerne	227	14.3	12.44-16.16 +	Delaware	258	9.2	8.08-10.32 -
Monroe	85	10.5	8.27-12.73	Lancaster	225	9.2	8.00-10.40 -
Northampton	146	10.0	8.38-11.62	Montgomery	344	8.6	7.69-9.51 -
Pike	36	13.3	8.96-17.64	Philadelphia	772	10.6	9.85-11.35
Susquehanna	27	13.0	8.10-17.90	Schuylkill	117	15.4	12.61-18.19 +
Wayne	43	16.8	11.78-21.82 +				
Wyoming	26	19.1	11.76-26.44 +				
				Pennsylvania	6,829	10.7	10.45-10.95

NOTE: A+ or - after the confidence interval (CI) denotes if the county rate was significantly higher or lower than the state rate. No + or - after a CI denotes no significant difference. CIs were not calculated for rates based on less than 20 events due to unreliability. Data for 2002-2006 based on ICD-10 cause of death codes. See Technical Notes.

SUICIDE DEATHS
NUMBER OF DEATHS, TOTAL AND BY SELECTED AGE GROUPS, BY HEALTH DISTRICT
PENNSYLVANIA RESIDENTS, 2002-2006

COUNTY	TOTAL DEATHS*	AGE AT DEATH (IN YEARS)		
		< 20	20-64	65+
Pennsylvania	6,829	382	5,339	1,105
Northwest	523	34	393	96
Cameron	5	0	5	0
Clarion	23	0	16	7
Clearfield	66	5	45	16
Crawford	52	4	37	11
Elk	14	2	11	1
Erie	133	8	104	21
Forest	4	0	4	0
Jefferson	35	4	27	4
Lawrence	46	3	35	8
McKean	28	1	22	5
Mercer	60	4	46	10
Venango	35	3	24	8
Warren	22	0	17	5
North Central	334	21	254	59
Bradford	35	2	25	8
Centre	62	2	56	4
Clinton	19	2	13	4
Columbia	31	2	18	11
Lycoming	57	2	46	9
Montour	7	0	4	3
Northumberland	39	2	32	5
Potter	19	4	12	3
Snyder	16	0	14	2
Sullivan	4	0	3	1
Tioga	26	4	20	2
Union	19	1	11	7
Northeast	999	51	784	163
Carbon	54	0	39	14
Lackawanna	154	9	127	18
Lehigh	201	15	160	26
Luzerne	227	12	183	32
Monroe	85	7	67	11
Northampton	146	6	107	33
Pike	36	0	30	6
Susquehanna	27	1	20	6
Wayne	43	0	32	11
Wyoming	26	1	19	6

COUNTY	TOTAL DEATHS*	AGE AT DEATH (IN YEARS)		
		< 20	20-64	65+
Southwest	1,628	89	1,259	279
Allegheny	751	39	583	128
Armstrong	39	1	32	6
Beaver	89	1	69	19
Butler	92	8	68	16
Cambria	111	11	89	11
Fayette	88	5	69	14
Greene	25	0	23	2
Indiana	43	3	33	7
Somerset	41	2	33	6
Washington	115	7	81	27
Westmoreland	234	12	179	43
South Central	873	50	681	142
Adams	46	5	35	6
Bedford	46	4	34	8
Blair	87	3	66	18
Cumberland	109	10	84	15
Dauphin	119	4	102	13
Franklin	60	2	49	9
Fulton	12	1	10	1
Huntingdon	25	0	20	5
Juniata	9	1	7	1
Lebanon	62	1	51	10
Mifflin	37	3	30	4
Perry	28	1	21	6
York	233	15	172	46
Southeast	2,472	137	1,968	366
Berks	225	13	167	45
Bucks	335	22	257	56
Chester	196	13	154	29
Delaware	258	17	206	35
Lancaster	225	13	185	26
Montgomery	344	10	275	59
Philadelphia	772	39	636	97
Schuylkill	117	10	88	19

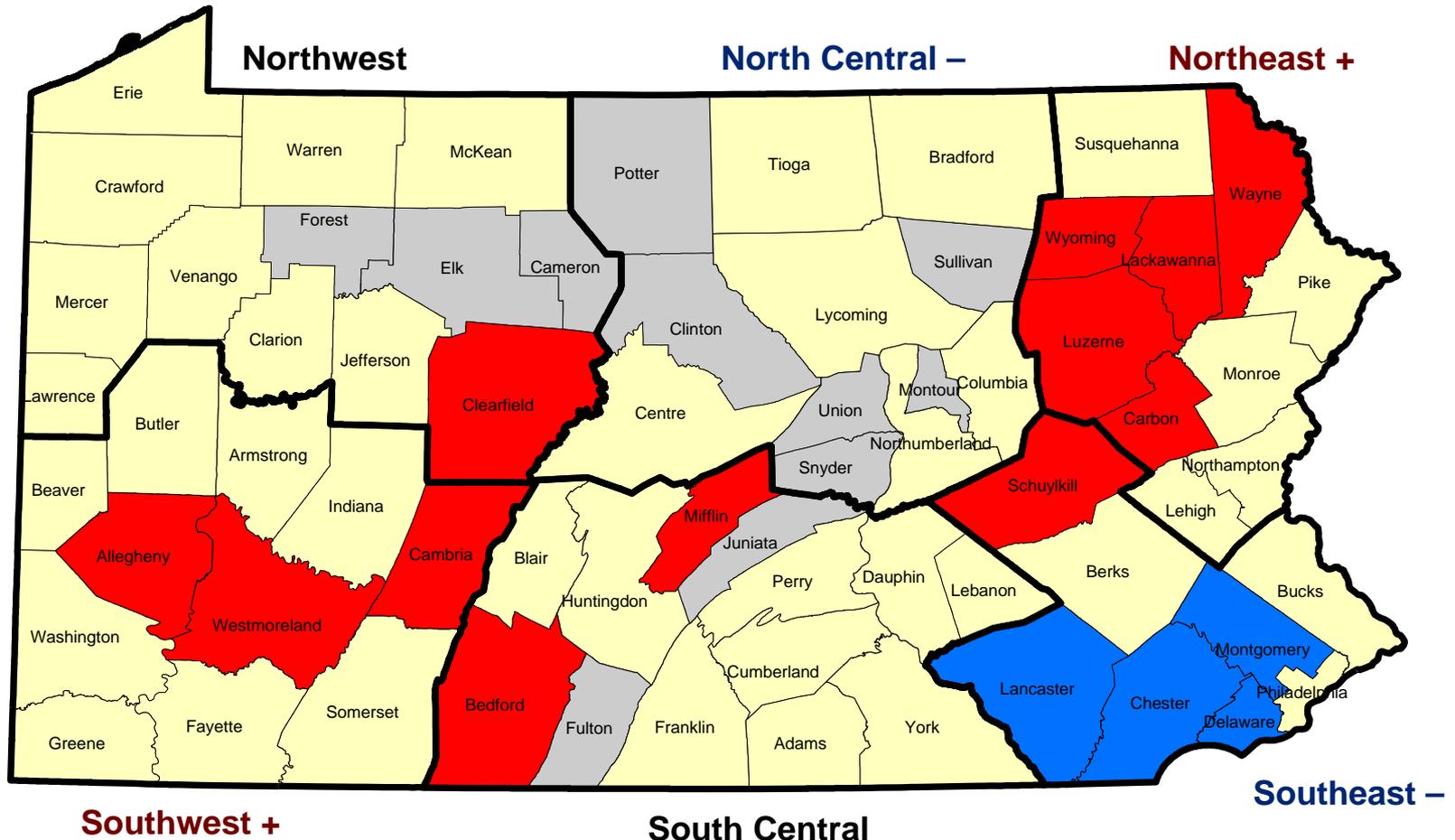
NOTE: * Unknowns included in totals.

Data for 2002-2006 based on ICD-10 cause of death codes.

See Technical Notes.

**AVERAGE ANNUAL AGE-ADJUSTED DEATH RATES AND SIGNIFICANCE TEST RESULTS
BY COUNTY AND PA HEALTH DISTRICT, PENNSYLVANIA RESIDENTS, 2002-2006**

Deaths by Suicide



Legend

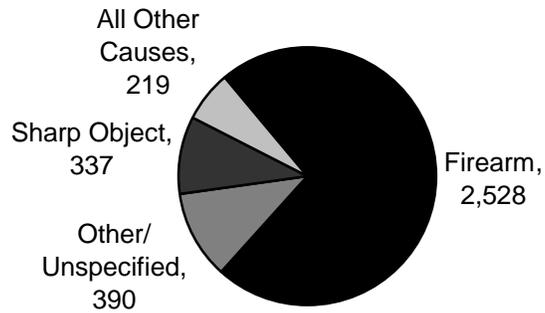
- Rate Significantly Lower than PA
- Rate Significantly Higher than PA
- No Significant Difference from PA
- Rate Not Calculated (< 20 events)

If the district rate was significantly higher or lower than the state rate, a + or - follows the name. No sign indicates no significant difference.

HOMICIDE

- Homicide includes deaths due to assault and the late effects of assault. It excludes legal intervention and operations of war.
- Pennsylvania's annual number and age-adjusted death rate for homicide among residents increased from 2002-2006. There were 759 deaths for a rate of 6.3 in 2006, a 20 percent increase from the 629 homicide deaths in 2002.
- The annual age-adjusted homicide death rates among males have generally increased from 2002-2006.
- The 2006 age-adjusted homicide rate for black males was nearly 18 times higher than the rate among white males, 62.6 per 100,000 versus 3.5, respectively. The rate among black females in 2006 was 7.1, or double the rate for white males.
- As occurred with the age-adjusted death rates, the 2002-2006 age-specific death rates for homicide were consistently much higher among black males. The highest age-specific homicide rate for black males was 179.1 per 100,000 for the 20-24 age group, almost 15 times higher than the rate for black females (12.2) and over 20 times higher than the rate for white males (8.7).
- The 2002-2006 age-specific homicide rates for black males rose dramatically for those ages 15-19, peaked at ages 20-24, and then declined slowly. A similar pattern was seen among white males. The age-specific rates for females were highest for the age groups from 20-34 years of age.
- More than 18 percent, or 654, of the total 3,474 homicides during 2002-2006 were seen in residents under 20 years of age. Of these, 111 homicides occurred among children under five years of age.
- Two counties (Allegheny and Philadelphia) had average annual age-adjusted death rates for 2002-2006 that were significantly higher than the corresponding state rate.
- Fifteen counties had average annual age-adjusted death rates for this period that were significantly lower than the corresponding state rate.

**HOMICIDES BY MECHANISM & NUMBER
PENNSYLVANIA RESIDENTS, 2002-2006**



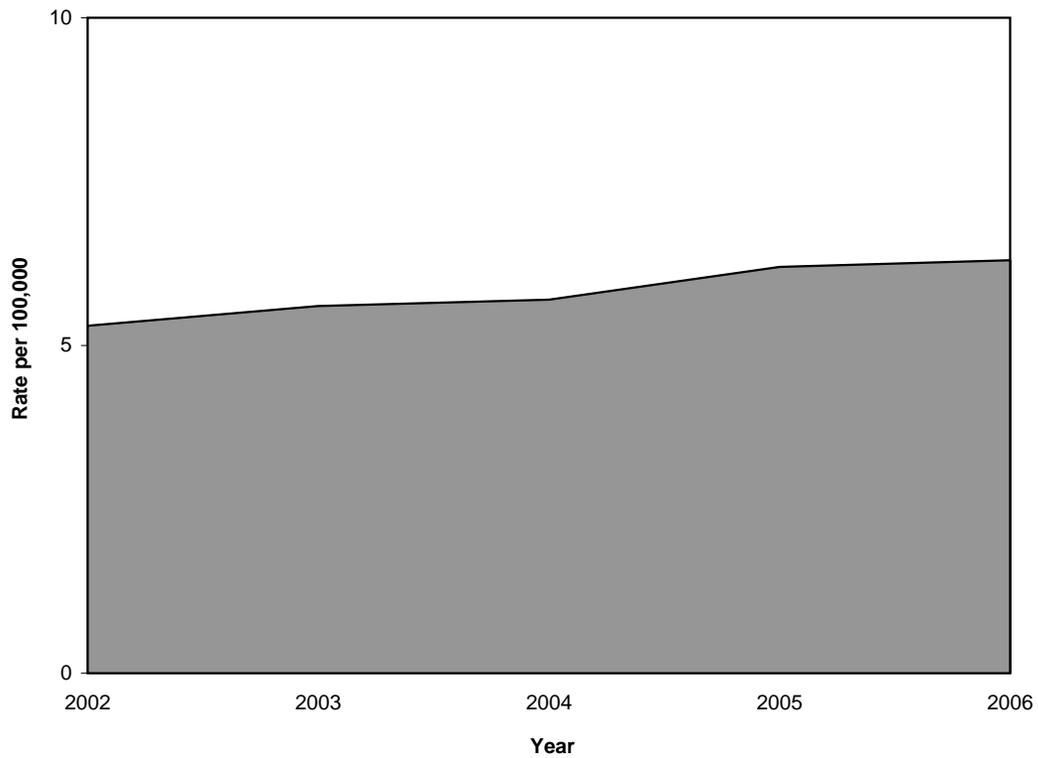
**HIGHEST AGE-ADJUSTED DEATH RATES:
Black males; Urban counties**

**HIGHEST AGE-SPECIFIC DEATH RATES:
Young black males (ages 15-34)**

**HOMICIDE DEATHS
TOTAL NUMBER OF DEATHS AND AGE-ADJUSTED DEATH RATES
PENNSYLVANIA RESIDENTS, 2002-2006**

Year	No.	Rate
2002	629	5.3
2003	666	5.6
2004	679	5.7
2005	741	6.2
2006	759	6.3

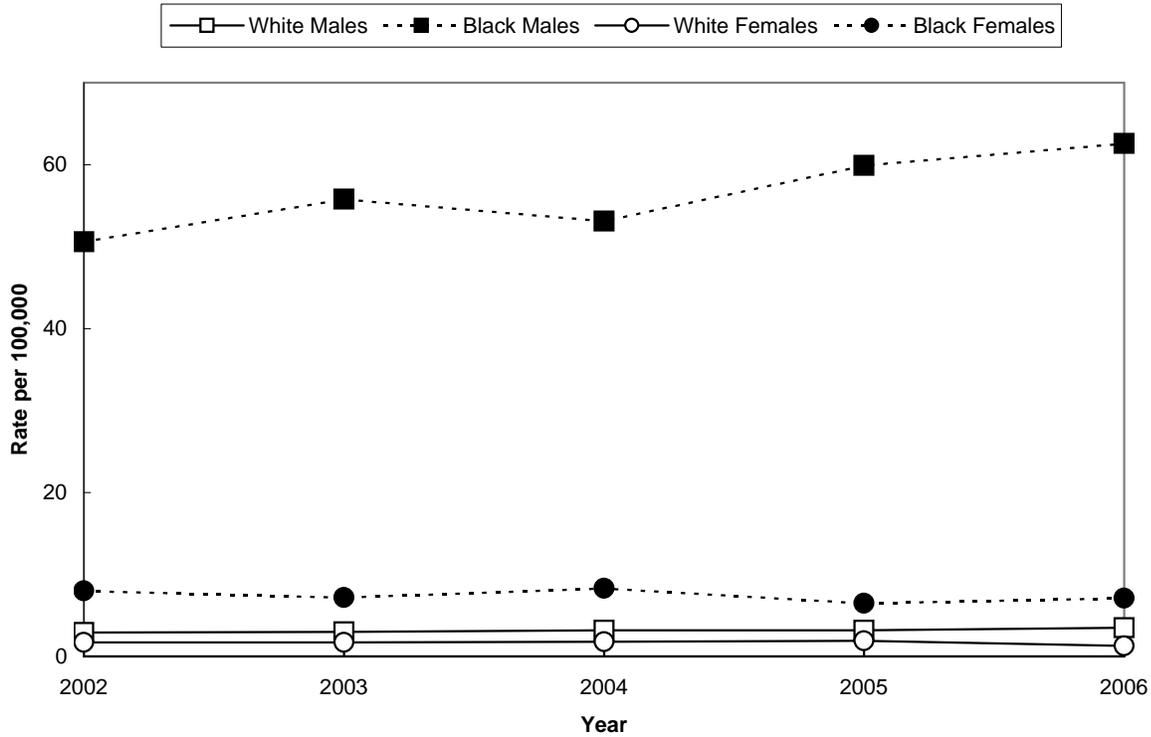
NOTES: Age-adjusted rates are computed by the direct method using the 2000 standard million population. Rates are per 100,000.
Data for 2002-2006 based on ICD-10 cause of death codes.
See Technical Notes.



HOMICIDE DEATHS
TOTAL NUMBER OF DEATHS AND AGE-ADJUSTED DEATH RATES BY SEX AND RACE
PENNSYLVANIA RESIDENTS, 2002-2006

Year	Males						Females					
	All Races		White		Black		All Races		White		Black	
	No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate
2002	482	8.2	147	2.9	327	50.6	147	2.4	89	1.7	53	8.0
2003	526	8.9	152	3.0	366	55.8	140	2.3	87	1.7	48	7.2
2004	529	8.8	169	3.2	353	53.1	150	2.5	90	1.8	57	8.3
2005	591	9.9	165	3.2	408	59.9	150	2.4	101	1.9	45	6.5
2006	638	10.5	177	3.5	443	62.6	121	1.9	68	1.3	51	7.1

NOTES: Age-Adjusted rates are computed by the direct method using the 2000 U.S. standard million population. Rates are per 100,000.
 Data for 2002-2006 based on ICD-10 cause of death codes.
 See Technical Notes.



HOMICIDE DEATHS
TOTAL NUMBER OF DEATHS AND AVERAGE ANNUAL AGE-SPECIFIC DEATH RATES BY SEX AND RACE
PENNSYLVANIA RESIDENTS, 2002-2006

AGE GROUP	ALL DEATHS NO. RATE		MALES						FEMALES					
			ALL RACES NO. RATE		WHITE NO. RATE		BLACK NO. RATE		ALL RACES NO. RATE		WHITE NO. RATE		BLACK NO. RATE	
TOTAL***	3,474	5.6	2,766	9.2	810	3.1	1,897	61.6	708	2.2	435	1.6	254	7.4
< 5	111	3.0	54	2.9	32	2.1	22	8.7	57	3.2	39	2.7	18	7.4
5-9	31	0.8	15	0.8	6	-	8	-	16	0.8	7	-	8	-
10-14	44	1.1	23	1.1	8	-	14	4.8	21	1.0	10	0.6	10	3.6
15-19	468	10.2	412	17.8	76	4.0	334	113.0	56	2.5	27	1.4	27	9.4
20-24	718	17.3	636	30.2	152	8.7	472	179.1	82	4.0	49	2.9	32	12.2
25-29	551	15.4	489	27.0	102	6.8	376	167.6	62	3.5	33	2.3	26	11.5
30-34	371	9.6	306	15.9	73	4.5	226	106.4	65	3.4	39	2.4	20	8.7
35-39	290	6.7	220	10.3	67	3.6	145	66.2	70	3.2	43	2.3	26	10.7
40-44	262	5.6	198	8.5	77	3.8	114	51.5	64	2.7	42	2.0	22	8.8
45-49	196	4.2	131	5.7	58	2.8	72	35.6	65	2.7	45	2.2	18	7.7
50-54	136	3.2	100	4.7	52	2.7	45	26.7	36	1.6	18	0.9	18	8.9
55-59	90	2.5	66	3.7	38	2.4	25	19.1	24	1.3	16	1.0	7	-
60-64	60	2.0	39	2.8	24	1.9	14	14.2	21	1.3	13	0.9	8	-
65-69	38	1.5	22	1.9	12	1.1	10	13.1	16	1.2	11	0.9	4	-
70-74	26	1.1	19	1.9	13	1.4	6	-	7	-	6	-	1	-
75-79	31	1.5	14	1.7	7	-	7	-	17	1.4	13	1.2	4	-
80-84	25	1.7	10	1.9	6	-	4	-	15	1.6	13	1.5	2	-
85 +	21	1.7	7	-	5	-	2	-	14	1.6	11	1.4	3	-

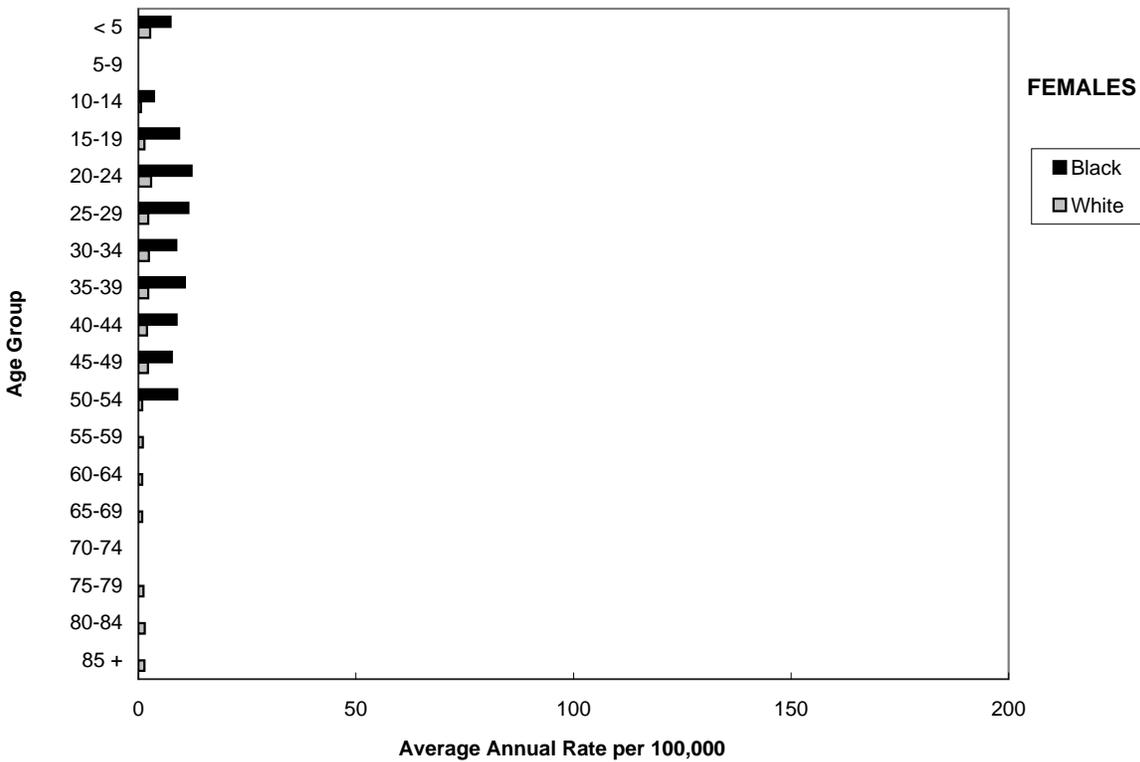
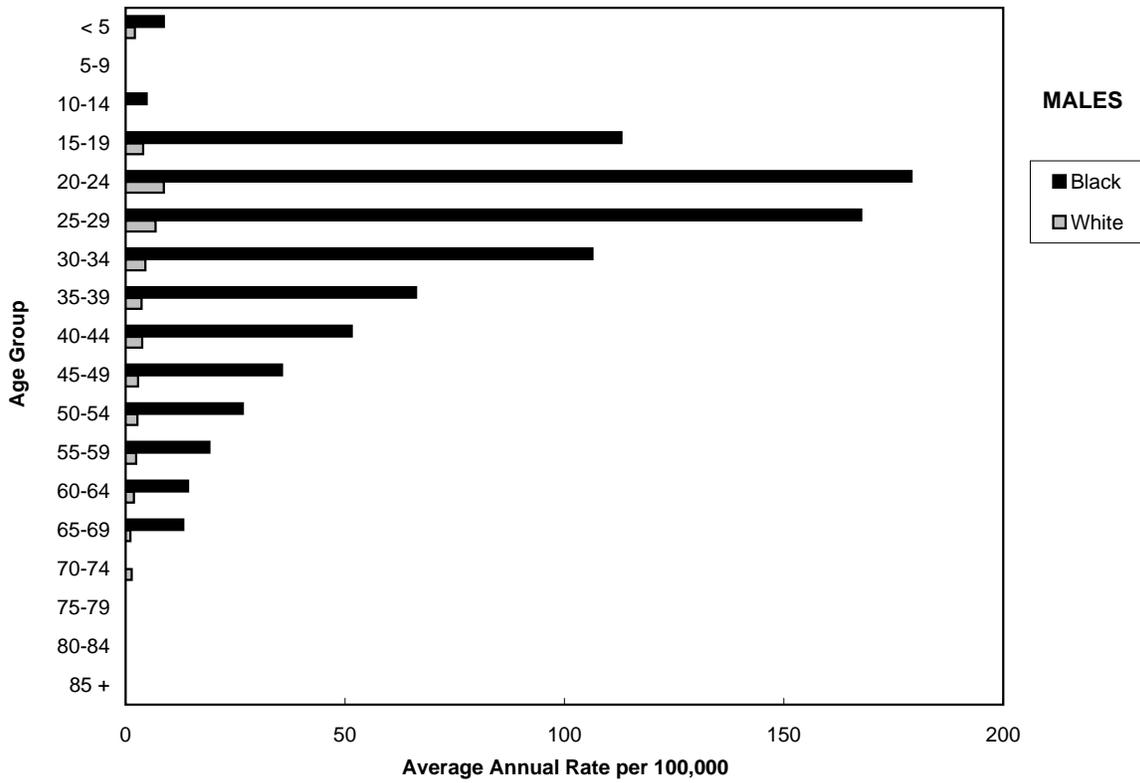
*** Unknowns included in totals.

NOTES: Rates are per 100,000 population (2002-2006) for each specified group.

Data for 2002-2006 based on ICD-10 cause of death codes.

See Technical Notes.

**HOMICIDE DEATHS
AVERAGE ANNUAL AGE-SPECIFIC DEATH RATES
BY SEX AND RACE, PENNSYLVANIA RESIDENTS, 2002-2006**



HOMICIDE DEATHS

NUMBER OF DEATHS, AVERAGE ANNUAL AGE-ADJUSTED DEATH RATES, 95 % CONFIDENCE INTERVALS, AND SIGNIFICANCE TEST RESULTS, BY HEALTH DISTRICT, PENNSYLVANIA RESIDENTS, 2002-2006

District/County	No.	Rate	CI (95%)	District/County	No.	Rate	CI (95%)
Northwest	88	2.0	1.58-2.42 -	Southwest	627	4.9	4.52-5.28 -
Cameron	-	-		Allegheny	455	7.7	6.99-8.41 +
Clarion	3	-		Armstrong	13	-	
Clearfield	2	-		Beaver	26	3.2	1.97-4.43 -
Crawford	18	-		Butler	10	-	
Elk	-	-		Cambria	18	-	
Erie	25	1.9	1.16-2.64 -	Fayette	24	3.6	2.16-5.04 -
Forest	-	-		Greene	7	-	
Jefferson	3	-		Indiana	4	-	
Lawrence	12	-		Somerset	12	-	
McKean	3	-		Washington	19	-	
Mercer	10	-		Westmoreland	39	2.4	1.65-3.15 -
Venango	4	-					
Warren	8	-					
North Central	54	1.6	1.17-2.03 -	South Central	214	2.8	2.42-3.18 -
Bradford	9	-		Adams	8	-	
Centre	8	-		Bedford	3	-	
Clinton	5	-		Blair	20	3.1	1.74-4.46 -
Columbia	4	-		Cumberland	12	-	
Lycoming	11	-		Dauphin	69	5.9	4.51-7.29
Montour	1	-		Franklin	6	-	
Northumberland	10	-		Fulton	-	-	
Potter	1	-		Huntingdon	6	-	
Snyder	2	-		Juniata	4	-	
Sullivan	1	-		Lebanon	12	-	
Tioga	-	-		Mifflin	5	-	
Union	2	-		Perry	4	-	
				York	65	3.3	2.50-4.10 -
Northeast	234	3.2	2.79-3.61 -	Southeast	2,257	9.3	8.92-9.68 +
Carbon	10	-		Berks	89	4.8	3.80-5.80
Lackawanna	18	-		Bucks	50	1.7	1.23-2.17 -
Lehigh	60	3.8	2.84-4.76 -	Chester	40	1.8	1.24-2.36 -
Luzerne	62	4.2	3.15-5.25 -	Delaware	177	6.5	5.54-7.46
Monroe	24	3.2	1.92-4.48 -	Lancaster	66	2.8	2.12-3.48 -
Northampton	37	2.6	1.76-3.44 -	Montgomery	94	2.5	1.99-3.01 -
Pike	8	-		Philadelphia	1,717	22.2	21.15-23.25 +
Susquehanna	4	-		Schuylkill	24	3.6	2.16-5.04 -
Wayne	5	-					
Wyoming	6	-		Pennsylvania	3,474	5.8	5.61-5.99

NOTE: A+ or - after the confidence interval (CI) denotes if the county rate was significantly higher or lower than the state rate. No + or - after a CI denotes no significant difference. CIs were not calculated for rates based on less than 20 events due to unreliability. Data for 2002-2006 based on ICD-10 cause of death codes. See Technical Notes.

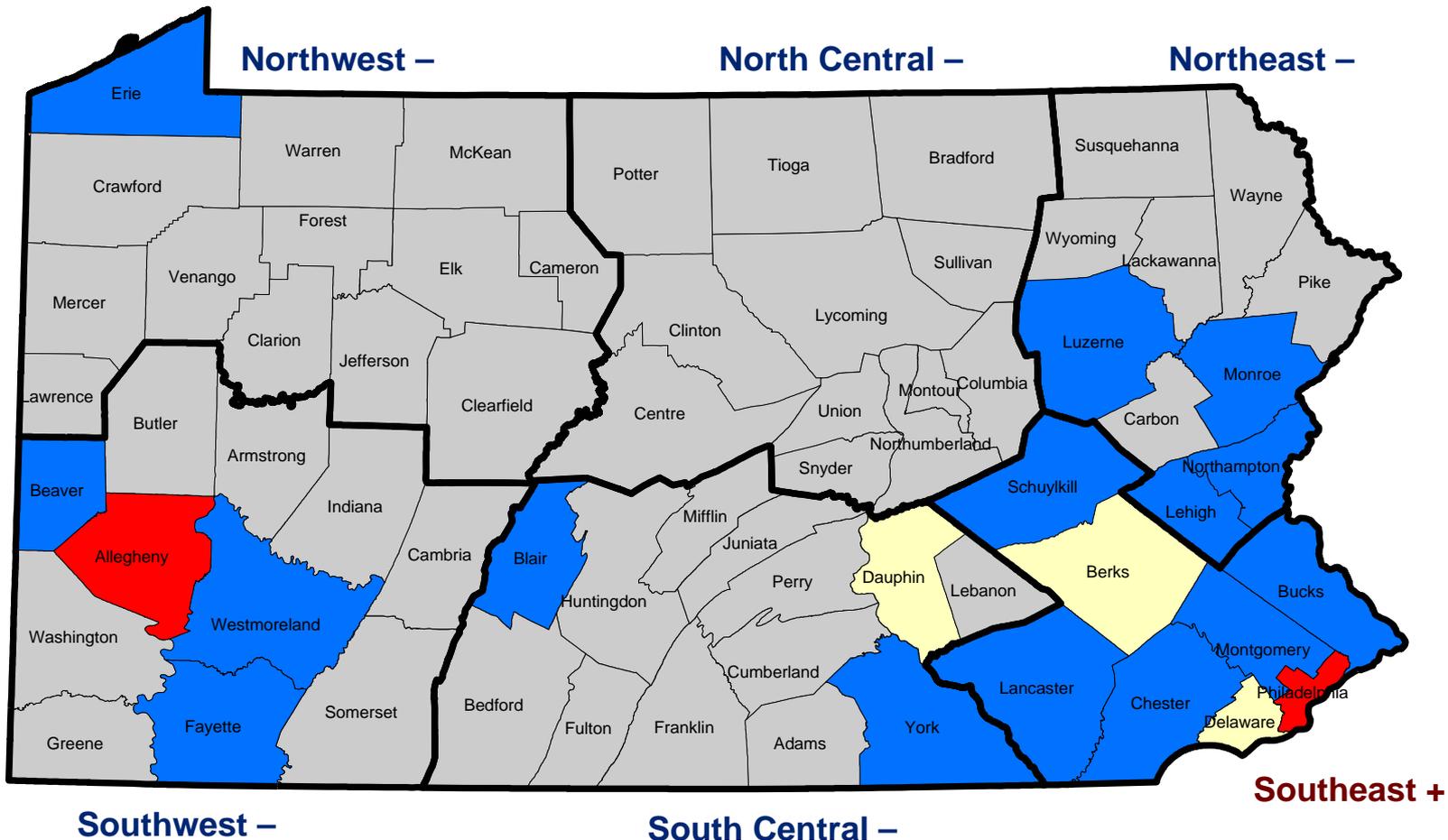
HOMICIDE DEATHS
NUMBER OF DEATHS, TOTAL AND BY SELECTED AGE GROUPS, BY HEALTH DISTRICT
PENNSYLVANIA RESIDENTS, 2002-2006

COUNTY	TOTAL DEATHS*	AGE AT DEATH (IN YEARS)			COUNTY	TOTAL DEATHS*	AGE AT DEATH (IN YEARS)		
		< 20	20-64	65+			< 20	20-64	65+
Pennsylvania	3,474	654	2,674	141					
Northwest	88	14	70	4	Southwest	627	137	469	21
Cameron	0	0	0	0	Allegheny	455	105	334	16
Clarion	3	1	2	0	Armstrong	13	5	8	0
Clearfield	2	0	1	1	Beaver	26	3	21	2
Crawford	18	1	15	2	Butler	10	2	8	0
Elk	0	0	0	0	Cambria	18	2	14	2
Erie	25	4	20	1	Fayette	24	5	19	0
Forest	0	0	0	0	Greene	7	4	3	0
Jefferson	3	0	3	0	Indiana	4	0	4	0
Lawrence	12	1	11	0	Somerset	12	1	10	1
McKean	3	1	2	0	Washington	19	2	17	0
Mercer	10	1	9	0	Westmoreland	39	8	31	0
Venango	4	2	2	0					
Warren	8	3	5	0					
North Central	54	8	38	7	South Central	214	35	167	12
Bradford	9	0	8	1	Adams	8	1	6	1
Centre	8	1	5	2	Bedford	3	0	3	0
Clinton	5	0	3	1	Blair	20	2	14	4
Columbia	4	2	2	0	Cumberland	12	3	9	0
Lycoming	11	3	7	1	Dauphin	69	13	54	2
Montour	1	0	1	0	Franklin	6	2	4	0
Northumberland	10	1	8	1	Fulton	0	0	0	0
Potter	1	1	0	0	Huntingdon	6	1	5	0
Snyder	2	0	2	0	Juniata	4	1	3	0
Sullivan	1	0	0	1	Lebanon	12	1	10	1
Tioga	0	0	0	0	Mifflin	5	2	3	0
Union	2	0	2	0	Perry	4	0	4	0
					York	65	9	52	4
Northeast	234	32	182	19	Southeast	2257	428	1748	78
Carbon	10	0	9	1	Berks	89	15	70	4
Lackawanna	18	5	13	0	Bucks	50	7	39	4
Lehigh	60	11	43	6	Chester	40	6	31	3
Luzerne	62	4	51	7	Delaware	177	35	130	12
Monroe	24	4	17	2	Lancaster	66	27	37	2
Northampton	37	6	29	2	Montgomery	94	14	69	11
Pike	8	2	6	0	Philadelphia	1,717	316	1,357	41
Susquehanna	4	0	4	0	Schuylkill	24	8	15	1
Wayne	5	0	4	1					
Wyoming	6	0	6	0					

NOTE: * Unknowns included in totals.
 Data for 2002-2006 based on ICD-10 cause of death codes.
 See Technical Notes.

**AVERAGE ANNUAL AGE-ADJUSTED DEATH RATES AND SIGNIFICANCE TEST RESULTS
BY COUNTY AND PA HEALTH DISTRICT, PENNSYLVANIA RESIDENTS, 2002-2006**

Deaths by Homicide



Legend

- Rate Significantly Lower than PA
- Rate Significantly Higher than PA
- No Significant Difference from PA
- Rate Not Calculated (< 20 events)

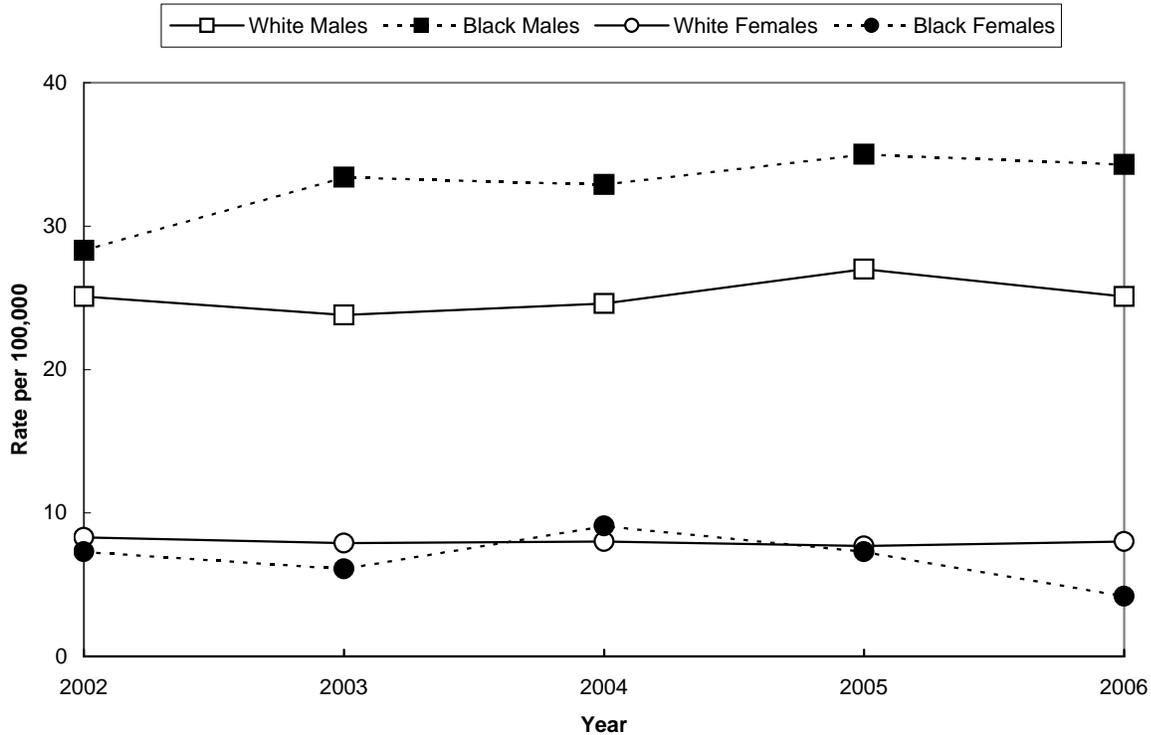
If the district rate was significantly higher or lower than the state rate, a + or - follows the name. No sign indicates no significant difference.

Mortality Appendices

FATAL TRAUMATIC BRAIN INJURIES
TOTAL NUMBER OF DEATHS AND AGE-ADJUSTED DEATH RATES BY SEX AND RACE
PENNSYLVANIA RESIDENTS, 2002-2006

Year	Males						Females					
	All Races		White		Black		All Races		White		Black	
	No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate
2002	1,471	25.1	1,299	25.1	161	28.3	590	8.1	538	8.3	47	7.3
2003	1,478	24.7	1,262	23.8	203	33.4	582	7.7	534	7.9	40	6.1
2004	1,525	25.2	1,319	24.6	196	32.9	610	8.0	545	8.0	61	9.1
2005	1,669	27.6	1,445	27.0	209	35.0	592	7.6	538	7.7	48	7.3
2006	1,554	26.2	1,308	25.1	222	34.3	580	7.6	544	8.0	29	4.2

NOTES: Age-Adjusted rates are computed by the direct method using the 2000 U.S. standard million population. Rates are per 100,000.
 Data for 2002-2006 based on ICD-10 cause of death codes.
 See Technical Notes.



FATAL TRAUMATIC BRAIN INJURIES
TOTAL NUMBER OF DEATHS AND AVERAGE ANNUAL AGE-SPECIFIC DEATH RATES BY SEX AND RACE
PENNSYLVANIA RESIDENTS, 2002-2006

AGE GROUP	ALL DEATHS NO. RATE		MALES						FEMALES					
			ALL RACES NO. RATE		WHITE NO. RATE		BLACK NO. RATE		ALL RACES NO. RATE		WHITE NO. RATE		BLACK NO. RATE	
TOTAL ***	10,651	17.2	7,697	25.6	6,633	25.5	991	32.2	2,954	9.2	2,699	9.8	225	6.6
< 5	134	3.7	75	4.0	46	3.0	27	10.7	59	3.3	44	3.0	14	5.8
5-9	61	1.6	43	2.2	34	2.1	9	-	18	0.9	17	1.1	1	-
10-14	118	2.8	88	4.1	73	4.2	13	4.5	30	1.5	22	1.3	8	-
15-19	746	16.3	580	25.1	442	23.0	133	45.0	166	7.4	151	8.0	13	4.5
20-24	964	23.2	798	37.9	584	33.3	201	76.3	166	8.1	147	8.6	14	5.3
25-29	655	18.3	556	30.7	421	28.0	128	57.0	99	5.6	81	5.6	13	5.7
30-34	575	15.0	453	23.6	355	21.8	89	41.9	122	6.3	112	6.9	6	-
35-39	660	15.3	511	23.9	424	23.0	81	37.0	149	6.8	135	7.3	11	4.5
40-44	755	16.1	590	25.4	522	25.6	63	28.5	165	6.9	140	6.8	23	9.2
45-49	774	16.5	615	26.6	554	27.0	57	28.1	159	6.7	142	6.8	16	6.8
50-54	641	14.9	509	24.1	466	24.6	39	23.1	132	6.0	115	5.9	17	8.4
55-59	508	13.9	418	23.7	377	23.6	37	28.3	90	4.8	81	4.8	9	-
60-64	422	14.3	328	23.4	306	24.0	22	22.4	94	6.0	85	6.1	9	-
65-69	415	16.4	295	25.7	275	26.2	18	23.5	120	8.7	103	8.3	16	14.6
70-74	510	22.3	356	36.0	336	36.7	19	30.9	154	11.9	146	12.3	6	-
75-79	733	36.5	471	58.3	453	60.1	16	34.9	262	21.8	244	22.0	17	21.4
80-84	879	60.3	498	92.1	470	92.9	25	86.2	381	41.5	365	42.8	15	26.5
85 +	1,099	90.2	511	148.0	493	152.7	14	76.0	588	67.3	569	70.0	17	32.8

*** Unknowns included in totals.

NOTES: Rates are per 100,000 population (2002-2006) for each specified group.

Data for 2002-2006 based on ICD-10 cause of death codes.

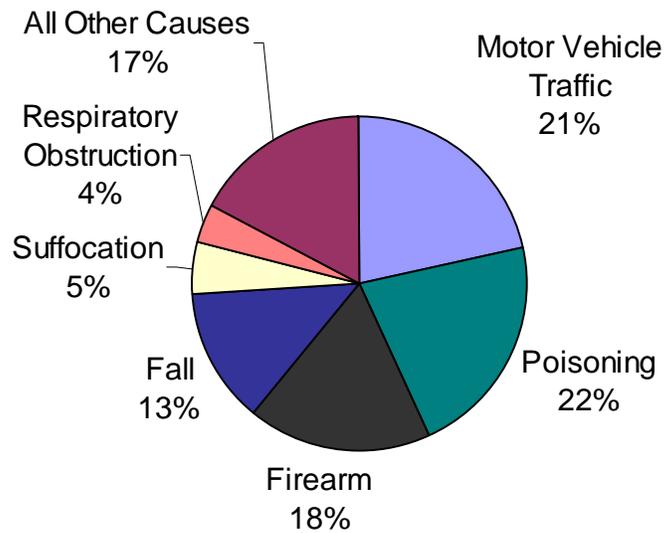
See Technical Notes.

LEADING CAUSES OF INJURY DEATH

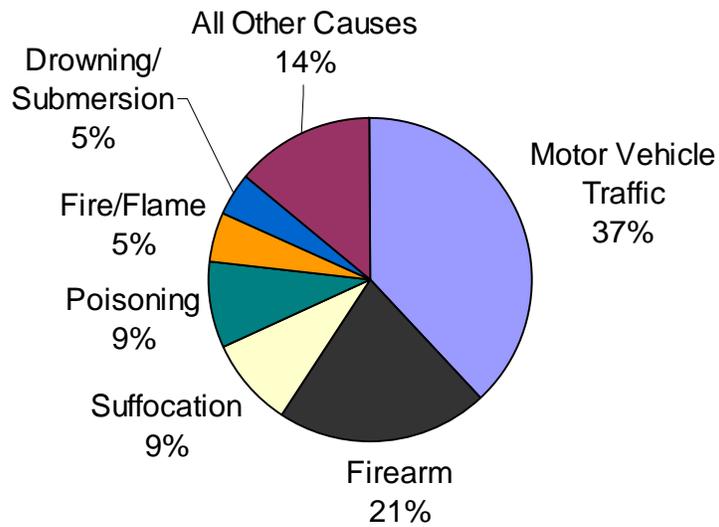
- Ninety percent of all injury deaths and five percent of all deaths in Pennsylvania were due to the 10 leading causes of injury death during 2002-2006. Among youth under age 20, 98 percent of all injury deaths and 30 percent of all deaths were due to the 10 leading causes of injury death.
- Unintentional motor vehicle traffic deaths were the number one cause of injury death during 2002-2006, for youth and the total Pennsylvania population.
 - Unintentional motor vehicle traffic injury death was the number one cause of injury death for the age groups between one and 24 and the age group 55-64 during 2002-2006.
 - Unintentional motor vehicle traffic deaths accounted for 38 percent of injury deaths and 12 percent of all deaths among youth ages 0-19.
- Unintentional poisoning deaths were the second leading cause of injury death during 2002-2006 and the third leading cause of injury death among youth.
 - Although poisoning deaths were second for the 2002-2006 period, poisoning deaths are poised to overtake motor vehicle traffic deaths as the number one cause of injury death for future five-year periods.
 - Unintentional poisoning death was the number one cause of injury death for the age groups between 25 and 54.
- Unintentional fall deaths were the third leading cause of injury death during 2002-2006 but were not a leading cause of injury death among youth.
 - Unintentional falls were the leading cause of injury death only among ages 65 and older. Eighty percent of unintentional fall deaths were among ages 65 and older.
- Suicide by firearm was the fourth leading cause of injury death during 2002-2006, both for youth* as well as the total Pennsylvania population.
 - Suicide by firearm exceeds suicide by suffocation only slightly among youth, but by a much wider margin in the total population.
- Homicide by firearm was the fifth leading specific cause of injury death during 2002-2006, and the second leading cause of injury death among youth.
 - Homicide by firearm was the leading cause of injury death among the black population, comprising 35 percent of black injury deaths.
 - Homicide by firearm was the leading cause of injury death among black youth, comprising 35 percent of injury deaths and 13 percent of all deaths to black youth.

* Suicide is not ranked for ages less than 10; youth suicide reflects ages 10-19.

Causes of Injury Death, Pennsylvania, 2002-2006



Causes of Injury Death, Age 0-19, Pennsylvania, 2002-2006



**TABLE 1: LEADING CAUSES OF INJURY DEATH
TOTAL NUMBER OF DEATHS
PENNSYLVANIA RESIDENTS BY AGE, 2002-2006**

Rank	AGE GROUP										
	< 1	1-4	5-9	10-14	15-19	20-24	25-34	35-44	45-54	55-64	65+
1	Unint. Suffoc. 53	Unint. MVT 63	Unint. MVT 80	Unint. MVT 125	Unint. MVT 939	Unint. MVT 1,049	Unint. Poison 1,241	Unint. Poison 1,948	Unint. Poison 1,603	Unint. MVT 679	Unint. Fall 3,642
2	Hom. Other Unspec. 37	Unint. Drown 46	Unint. Fire 29	Suic. Suffoc. 42	Hom. Firearm 414	Unint. Poison 681	Unint. MVT 1,125	Unint. MVT 1,104	Unint. MVT 989	Suic. Firearm 466	Unint. Other Unspec. 1,994
3	Unint. Other Unspec. 16	Unint. Fire 46	Unint. Drown 17	Hom. Firearm 29	Unint. Poison 190	Hom. Firearm 614	Hom. Firearm 773	Suic. Firearm 680	Suic. Firearm 786	Unint. Poison 323	Unint. MVT 1,624
4	Unint. Resp. Obs. 14	Hom. Other Unspec. 34	Unint. Other Unspec. 17	Unint. Fire 26	Suic. Firearm 152	Suic. Firearm 258	Suic. Firearm 473	Hom. Firearm 378	Suic. Poison 334	Unint. Fall 317	Unint. Resp. Obs. 1,117
5	Unint. MVT 11	Unint. Other Unspec. 26	Hom. Firearm 9	Unint. Drown 24	Suic. Suffoc. 125	Suic. Suffoc. 183	Suic. Suffoc. 279	Suic. Suffoc. 357	Suic. Suffoc. 292	Unint. Other Unspec. 256	Suic. Firearm 799
6	Undet. Suffoc. 10	Unint. MVNT 12	Hom. Fire 8	Suic. Firearm 20	Unint. Other Unspec. 55	Unint. Other Unspec. 79	Suic. Poison 152	Suic. Poison 305	Unint. Other Unspec. 289	Suic. Poison 151	Unint. Fire 306
7	Hom. Suffoc. 7	Unint. Fall 11	Hom. Other Unspec. 5	Unint. Other Unspec. 18	Unint. Drown 42	Hom. Sharp Obj. 48	Unint. Other Unspec. 122	Unint. Other Unspec. 240	Unint. Fall 268	Suic. Suffoc. 141	Unint. Poison 237
8	Undet. Other Unspec. 5	Unint. Resp. Obs. 11	Unint. Poison 5	Unint. Poison 15	Suic. Poison 26	Suic. Poison 47	Hom. Sharp Obj. 69	Unint. Fall 154	Hom. Firearm 189	Unint. Resp. Obs. 97	Suic. Suffoc. 124
9	Unint. Drown 4	Unint. Poison 9	Unint. MVNT 4	Unint. MVNT 11	Hom. Sharp Obj. 20	Unint. Fall 33	Unint. Fall 54	Undet. Poison 131	Unint. Fire 113	Unint. Fire 84	Suic. Poison 113
10	Unint. Fire 4	Hom. Fire 8	Unint. Resp. Obs. 4	Hom. Fire Unint. Suffoc. 7	Unint. Fire 20	Hom. Other Unspec. 31	Undet. Poison 52	Unint. Fire 92	Undet. Poison 103	Hom. Firearm 67	Unint. Drown 74

**TABLE 2: LEADING CAUSES OF INJURY DEATH
TOTAL NUMBER OF DEATHS
PENNSYLVANIA RESIDENTS BY RACE, 2002-2006**

Rank	RACE				
	White	Black	Hispanic*	Total	Ages < 20
1	Unint. MVT	Hom. Firearm	Unint. Poison	Unint. MVT	Unint. MVT
	7,119	1,790	247	7,790	1,218
2	Unint. Poison	Unint. Poison	Unint. MVT	Unint. Poison	Hom. Firearm
	5,346	886	242	6,256	459
3	Unint. Fall	Unint. MVT	Hom. Firearm	Unint. Fall	Unint. Poison
	4,254	549	204	4,502	222
4	Suic. Firearm	Unint. Other Unspec.	Suic. Suffoc.	Suic. Firearm	Suic. Firearm
	3,405	221	64	3,635	172
5	Unint. Other Unspec.	Unint. Fall	Suic. Firearm	Unint. Other Unspec.	Suic. Suffoc.
	2,873	215	50	3,113	167
6	Suic. Suffoc.	Suic. Firearm	Unint. Fall	Hom. Firearm	Unint. Drown
	1,376	213	45	2,528	133
7	Unint. Resp. Obs.	Unint. Resp. Obs.	Unint. Other Unspec.	Suic. Suffoc.	Unint. Other Unspec.
	1,224	169	35	1,544	132
8	Suic. Poison	Hom. Sharp Obj.	Hom. Sharp Obj.	Unint. Resp. Obs.	Unint. Fire
	1,067	157	33	1,402	125
9	Hom. Firearm	Unint. Fire	Unint. Drown	Suic. Poison	Hom. Other Unspec.
	687	141	26	1,128	97
10	Unint. Fire	Suic. Suffoc.	Unint. Fire	Unint. Fire	Unint. Suffoc.
	643	136	26	795	76

*Hispanic ethnicity can include any race.

**TABLE 3: LEADING CAUSES OF
UNINTENTIONAL INJURY DEATH
TOTAL NUMBER OF DEATHS PENNSYLVANIA, 2002-2006**

Rank	Total
1	Unint. MVT 7,790
2	Unint. Poison 6,256
3	Unint. Fall 4,502
4	Unint. Other Unspec. 3,113
5	Unint. Resp. Obs. 1,402
6	Unint. Fire 795
7	Unint. Drown 423
8	Unint. MVNT 260
9	Unint. Firearm 133
10	Unint. Trans., other 133

Definitions and ICD-10 coding

Hom. Drown – Assault by drowning and submersion (X92)

Hom. Fire – Assault by smoke, fire and flames including arson, cigarettes, and incendiary devices (X97)

Hom. Firearm – Assault by firearm discharge (X93-X95)

Hom. Suff. – Assault by hanging, strangulation and suffocation (X91)

Hom. Sharp obj. – Assault with a sharp object (X99)

Hom. Unspec. – Assault by other and unspecified means (X96, X98, Y00, Y02, Y04-Y09, Y87.1)

Other Unspec. – Other and unspecified injury deaths due to legal intervention, operations of war, and adverse effects (Y35-Y36, Y40-Y84, Y88-Y89)

Suic. Firearm – Intentional self-harm by firearm discharge (X72-X74)

Suic. Poison – Intentional self-harm by exposure to drugs, alcohol, gases, and other chemicals and noxious substances (X60-69)

Suic. Suff. - Intentional self-harm by hanging, strangulation and suffocation (X70)

Undet. Poison – Event of undetermined intent caused by exposure to drugs, alcohol, gases, and other chemicals and noxious substances (Y10-Y19)

Undet. Suff. - Event of undetermined intent caused by hanging, strangulation and suffocation (Y20)

Undet. Unspec. – Event of undetermined intent caused by other and unspecified means (Y25, Y27, Y29, Y31, Y33, Y34, Y87.2)

Unint. Drown - Unintentional drowning and submersion (W65-W74)

Unint. Fall – Unintentional falls (W00-W19)

Unint. Fire – Unintentional exposure to smoke, fire and flames (X00-X09)

Unint. MVNT – Unintentional events involving motor vehicles not occurring on a public roadway. (V02-V04 (.0,.9), V09(.0), V12-V14 (.0,.1,.2,.3), V19 (.0,.1,.2), V20-V28 (.0,.1,.2,.3), V29 (.0,.1,.2,.3,.8), V30-V38 (.0,.1,.2,.3,.4), V39 (.0,.1,.2,.3,.8), V40-V48 (.0,.1,.2,.3,.4), V49 (.0,.1,.2,.3,.8), V50-V58 (.0,.1,.2,.3,.4), V59 (.0,.1,.2,.3,.8), V60-V68 (.0,.1,.2,.3,.4), V69 (.0,.1,.2,.3,.8), V70-V78 (.0,.1,.2,.3,.4), V79 (.0,.1,.2,.3,.8), V80 (.3,.4,.5), V81.0, V82.0, V83-V86 (.4,.5,.6,.7,.9), V88 (.0-.8), V89.0)

Unint. MVT – Unintentional events involving motor vehicle traffic (V02-V04(.1), V09.2, V12-V14 (.4,.5,.9), V19(.4,.5,.6), V20-V28 (.4,.5,.9), V29 (.4,.5,.6,.9), V30-V38 (.5,.6,.7,.9), V39 (.4,.5,.6,.9), V40-V48 (.5,.6,.7,.9), V49 (.4,.5,.6,.9), V50-V58 (.5,.6,.7,.9), V59 (.4,.5,.6,.9), V60-V68 (.5,.6,.7,.9), V69 (.4,.5,.6,.9), V70-V78 (.5,.6,.7,.9), V79 (.4,.5,.6,.9), V81-V82 (.1), V83-V86 (.0-.3), V87 (.0-.8), V89.2)

Unint. Poison – Unintentional exposure to drugs, alcohol, gases, and other chemicals and noxious substances (X40-X49)

Unint. Resp. Obs. – Unintentional inhalation and ingestion of gastric contents, food, or other objects causing obstruction of respiratory tract (W78-W80)

Unint. Ped., oth. – Unintentional pedestrian injuries not involving a motor vehicle (V01(.0,.1,.9), V05-V06 (.0,.1,.9) V09 (.1,.3,.9))

Unint. Suff. – Unintentional hanging, strangulation and suffocation (W75-W76)

Unint. Trans., oth. – Unintentional events involving forms of transportation other than motor vehicles (V80 (.0-.2,.6-.9), V81-V82 (.2-.9), V87.9, V88.9, V89 (.1,.3,.9) V90-V99, Y85.9)

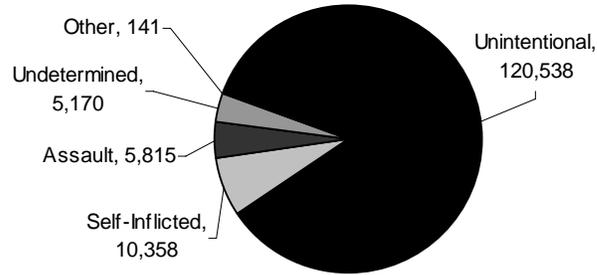
Unint. Unspec. – Unintentional exposure to other and unspecified factors (W20-W24, W27-W31, W35-W64, W77, W81-W99, X10-X39, X50-X59, Y85 (.0), Y86)

**Injury Hospitalizations
2002-2006**

INJURY HOSPITALIZATIONS

- Injury hospitalizations include all inpatient hospitalizations due to unintentional injuries, self-inflicted injuries, assaults and other injuries of undetermined intent. (See Technical notes.)
- Eighty-five percent of injury hospitalizations resulted from unintentional injuries. Over 7 percent were caused by self-inflicted injuries while 4 percent were due to assault.
- The annual figures have been on the increase during the period of 2002-2006. The highest annual number (142,030) and age-adjusted rate (1,054.5 per 100,000) were seen in 2006.
- Between 2002 and 2006, the highest age-adjusted hospitalization rates have been among black males. The rates for all four race/sex groups have been increasing during the five-year period 2002-2006.
- In general, males had higher age-specific hospitalizations rates than females during 2006. However, females over age 70 had higher rates than males over age 70.
- All four sex/race groups had their highest age-specific hospitalization rates among the oldest age groups, those aged 85 and older.
- Forty-five percent of the 142,030 hospitalizations due to injuries during in 2006 occurred among residents ages 65 and older. Those between age 20 and 64 accounted for an additional 45 percent of injury hospitalizations.
- Seventeen counties had age-adjusted hospitalization rates for 2006 that were determined to be significantly higher than the corresponding state rate.
- Thirty-five counties had age-adjusted hospitalization rates for 2006 that were determined to be significantly lower than the corresponding state rate.

**INJURY HOSPITALIZATIONS BY INTENT
PENNSYLVANIA RESIDENTS, 2006**



**HIGHEST AGE-ADJUSTED HOSPITALIZATION RATES:
Black males**

**HIGHEST AGE-SPECIFIC HOSPITALIZATION RATES:
The elderly (age 70+)**

**ALL INJURY HOSPITALIZATIONS
TOTAL NUMBER OF HOSPITALIZATIONS AND AGE-ADJUSTED HOSPITALIZATIONS RATES,
MECHANISM BY INTENT, PENNSYLVANIA RESIDENTS, 2006**

Hospitalization Mechanisms	Unintentional		Self-Inflicted		Assault		Undetermined		Other		Total (All Intents)	
	No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate
Cut/Pierce	1,621	12.9	1,332	11.1	692	5.8	35	0.3	0	-	3,680	30.0
Drowning/Submersion	78	0.7	9	-	0	-	2	-	0	-	89	0.8
Fall	63,307	439.3	85	0.7	13	-	63	0.5	0	-	63,468	440.6
Fire/Flame	883	6.9	36	0.3	7	-	12	-	0	-	938	7.3
Hot Object/Substance	1,086	8.7	4	-	18	-	5	-	0	-	1,113	9.0
Firearm	320	2.6	92	0.7	1,212	10.1	119	1.0	19	-	1,762	14.6
Machinery	736	5.8	0	-	0	-	0	-	0	-	736	5.8
Total MVT*	15,020	118.2	23	0.2	12	-	3	-	0	-	15,058	118.5
MVT Occupant	10,532	82.2	0	-	0	-	0	-	0	-	10,532	82.2
MVT Motorcyclist	1,902	15.4	0	-	0	-	0	-	0	-	1,902	15.4
MVT Pedal Cyclist	332	2.8	0	-	0	-	0	-	0	-	332	2.8
MVT Pedestrian	1,483	11.8	0	-	0	-	0	-	0	-	1,483	11.8
MVT Unspecified	662	5.1	0	-	0	-	0	-	0	-	662	5.1
MVT Other	109	0.9	23	0.2	12	-	3	-	0	-	147	1.2
Pedal cyclist, other	802	6.7	0	-	0	-	0	-	0	-	802	6.7
Pedestrian, other	130	1.0	0	-	0	-	0	-	0	-	130	1.0
Transport, other	2,166	17.4	0	-	0	-	0	-	0	-	2,166	17.4
Bites and Stings	2,055	16.2	0	-	85	0.7	0	-	0	-	2,140	16.9
Other natural/environmental factors	1,149	8.5	2	-	0	-	10	-	0	-	1,161	8.5
Overexertion	2,537	18.8	0	-	0	-	0	-	0	-	2,537	18.8
Poisoning	7,214	56.9	8,325	68.9	9	-	2,031	16.5	0	-	17,579	142.4
Struck by, against	3,138	24.5	0	-	2,166	17.8	0	-	45	0.4	5,349	42.8
Suffocation	1,232	8.7	123	1.0	7	-	6	-	0	-	1,368	9.8
Other specified and classifiable	5,796	44.2	42	0.3	310	2.6	4	-	50	0.4	6,202	47.6
Other specified, NEC**	2,407	18.0	218	1.7	618	5.2	350	2.8	16	-	3,609	27.8
Unspecified	8,861	63.6	67	0.6	666	5.5	2,530	18.2	11	-	12,135	88.0
Total (All Mechanisms)	120,538	879.7	10,358	85.7	5,815	48.3	5,170	39.6	141	1.1	142,030	1054.5

*Motor Vehicle Traffic **Not Elsewhere Classified

**ALL INJURY HOSPITALIZATIONS
TOTAL NUMBER OF HOSPITALIZATIONS AND AGE-SPECIFIC HOSPITALIZATIONS RATES,
MECHANISM BY AGE GROUP (0-44), PENNSYLVANIA RESIDENTS, 2006**

Hospitalization Mechanisms	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	36	4.9	44	5.7	79	9.7	373	40.2	508	58.2	437	60.3	349	46.5	314	37.8	394	43.3
Drowning/Submersion	31	4.2	11	1.4	5	-	8	-	1	-	5	-	4	-	2	-	1	-
Fall	733	100.3	587	76.6	601	73.6	662	71.3	696	79.8	708	97.8	763	101.6	1,005	120.9	1,546	169.9
Fire/Flame	25	3.4	15	2.0	32	3.9	54	5.8	48	5.5	48	6.6	60	8.0	76	9.1	84	9.2
Hot Object/Substance	215	29.4	34	4.4	24	2.9	30	3.2	47	5.4	55	7.6	51	6.8	63	7.6	86	9.5
Firearm	5	-	7	-	32	3.9	373	40.2	420	48.1	307	42.4	199	26.5	145	17.4	87	9.6
Machinery	11	1.5	7	-	12	1.5	31	3.3	66	7.6	46	6.4	52	6.9	62	7.5	86	9.5
<i>Total MVT</i>	150	20.5	289	37.7	414	50.7	1,716	184.9	1,933	221.6	1,211	167.2	944	125.7	1,054	126.7	1,139	125.2
MVT Occupant	85	11.6	114	14.9	162	19.8	1,370	147.6	1,446	165.7	882	121.8	638	85.0	695	83.6	724	79.6
MVT Motorcyclist	1	-	6	-	14	1.7	124	13.4	257	29.5	186	25.7	168	22.4	206	24.8	239	26.3
MVT Pedal Cyclist	4	-	42	5.5	92	11.3	38	4.1	27	3.1	4	-	11	1.5	24	2.9	23	2.5
MVT Pedestrian	59	8.1	122	15.9	140	17.1	118	12.7	115	13.2	80	11.0	66	8.8	65	7.8	98	10.8
MVT Unspecified	-	-	-	-	1	-	46	5.0	70	8.0	47	6.5	47	6.3	51	6.1	50	5.5
MVT Other	1	-	5	-	5	-	20	2.2	18	2.1	12	1.7	14	1.9	13	1.6	5	-
Pedal cyclist, other	21	2.9	115	15.0	186	22.8	81	8.7	34	3.9	20	2.8	27	3.6	35	4.2	52	5.7
Pedestrian, other	9	-	9	-	3	-	8	-	6	-	9	-	7	-	6	-	14	1.5
Transport, other	16	2.2	64	8.4	205	25.1	329	35.4	195	22.4	154	21.3	146	19.4	159	19.1	165	18.1
Bites and Stings	122	16.7	79	10.3	71	8.7	96	10.3	122	14.0	114	15.7	129	17.2	175	21.0	173	19.0
Other natural and environmental factors	54	7.4	15	2.0	25	3.1	20	2.2	26	3.0	22	3.0	41	5.5	45	5.4	61	6.7
Overexertion	10	1.4	7	-	45	5.5	92	9.9	92	10.5	96	13.3	132	17.6	142	17.1	160	17.6
Poisoning	396	54.2	75	9.8	198	24.3	1,292	139.2	1,644	188.4	1,521	210.0	1,445	192.4	1,821	219.0	2,245	246.7
Struck by, against	90	12.3	102	13.3	302	37.0	670	72.2	525	60.2	415	57.3	354	47.1	377	45.3	491	54.0
Suffocation	72	9.8	10	1.3	5	-	34	3.7	28	3.2	29	4.0	30	4.0	39	4.7	49	5.4
Other specified and classifiable	247	33.8	114	14.9	127	15.6	211	22.7	323	37.0	341	47.1	279	37.2	420	50.5	493	54.2
Other specified, NEC	78	10.7	22	2.9	60	7.3	171	18.4	223	25.6	218	30.1	243	32.4	249	29.9	315	34.6
Unspecified	198	27.1	60	7.8	112	13.7	343	37.0	388	44.5	381	52.6	381	50.7	450	54.1	659	72.4
<i>Total</i>	2,519	344.5	1,666	217.5	2,538	310.9	6,594	710.5	7,326	839.7	6,137	847.4	5,636	750.5	6,639	798.3	8,300	912.3

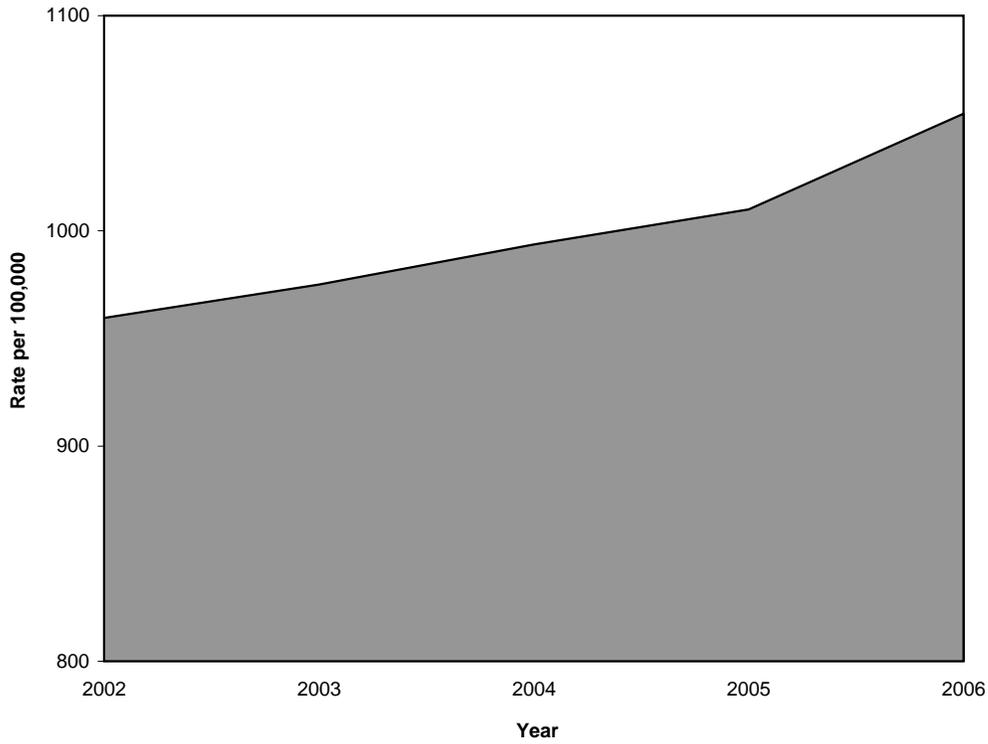
**ALL INJURY HOSPITALIZATIONS
TOTAL NUMBER OF HOSPITALIZATIONS AND AGE-SPECIFIC HOSPITALIZATIONS RATES,
MECHANISM BY AGE GROUP (45-85+), PENNSYLVANIA RESIDENTS, 2006**

Hospitalization Mechanisms	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								
Cut/Pierce	344	36.9	244	27.7	136	17.6	99	15.6	83	15.8	61	13.4	74	19.0	45	15.7	60	26.2
Drowning/Submersion	7	-	5	-	3	-	2	-	-	-	2	-	-	-	2	-	-	-
Fall	2,148	230.1	2,445	277.3	2,888	373.3	2,954	464.5	3,426	651.8	4,807	1059.4	7,938	2035.0	11,282	3927.2	18,279	7995.5
Fire/Flame	93	10.0	86	9.8	64	8.3	37	5.8	45	8.6	50	11.0	46	11.8	30	10.4	45	19.7
Hot Object/Substance	88	9.4	75	8.5	67	8.7	58	9.1	48	9.1	30	6.6	48	12.3	47	16.4	47	20.6
Firearm	66	7.1	41	4.7	21	2.7	18	2.8	12	2.3	8	-	7	-	3	-	11	4.8
Machinery	81	8.7	67	7.6	66	8.5	41	6.4	29	5.5	26	5.7	24	6.2	19	6.6	10	4.4
<i>Total MVT</i>	1,120	120.0	1,039	117.8	839	108.4	659	103.6	502	95.5	505	111.3	610	156.4	524	182.4	410	179.3
MVT Occupant	666	71.4	662	75.1	581	75.1	458	72.0	383	72.9	408	89.9	499	127.9	425	147.9	334	146.1
MVT Motorcyclist	252	27.0	194	22.0	134	17.3	70	11.0	27	5.1	16	3.5	2	-	4	-	2	-
MVT Pedal Cyclist	19	2.0	22	2.5	10	1.3	9	-	3	-	1	-	2	-	-	-	1	-
MVT Pedestrian	116	12.4	98	11.1	72	9.3	72	11.3	44	8.4	49	10.8	59	15.1	66	23.0	44	19.2
MVT Unspecified	52	5.6	55	6.2	37	4.8	45	7.1	40	7.6	26	5.7	43	11.0	28	9.7	24	10.5
MVT Other	15	1.6	8	-	5	-	5	-	5	-	5	-	5	-	1	-	5	-
Pedal cyclist, other	54	5.8	48	5.4	35	4.5	36	5.7	23	4.4	15	3.3	6	-	10	3.5	4	-
Pedestrian, other	6	-	7	-	9	-	2	-	8	-	7	-	5	-	7	-	8	-
Transport, other	146	15.6	127	14.4	90	11.6	75	11.8	50	9.5	60	13.2	60	15.4	65	22.6	60	26.2
Bites and Stings	204	21.9	189	21.4	133	17.2	120	18.9	86	16.4	80	17.6	94	24.1	95	33.1	58	25.4
Other natural and environmental factors	88	9.4	99	11.2	88	11.4	57	9.0	77	14.6	68	15.0	87	22.3	125	43.5	163	71.3
Overexertion	188	20.1	177	20.1	159	20.6	157	24.7	174	33.1	185	40.8	222	56.9	250	87.0	249	108.9
Poisoning	2,118	226.9	1,518	172.2	941	121.6	556	87.4	387	73.6	382	84.2	349	89.5	389	135.4	302	132.1
Struck by, against	434	46.5	328	37.2	238	30.8	166	26.1	151	28.7	138	30.4	165	42.3	175	60.9	228	99.7
Suffocation	48	5.1	65	7.4	75	9.7	73	11.5	91	17.3	118	26.0	145	37.2	189	65.8	268	117.2
Other specified and classifiable	495	53.0	501	56.8	477	61.7	336	52.8	299	56.9	312	68.8	413	105.9	352	122.5	462	202.1
Other specified, NEC	300	32.1	265	30.1	255	33.0	187	29.4	155	29.5	178	39.2	197	50.5	232	80.8	261	114.2
Unspecified	778	83.4	781	88.6	805	104.1	677	106.5	744	141.5	870	191.7	1,132	290.2	1,382	481.1	1,994	872.2
<i>Total</i>	8,806	943.5	8,107	919.5	7,390	955.2	6,310	992.3	6,390	1215.7	7,904	1741.9	11,624	2980.0	15,225	5299.7	22,919	10025

**ALL INJURY HOSPITALIZATIONS
TOTAL NUMBER OF HOSPITALIZATIONS AND
AGE-ADJUSTED HOSPITALIZATION RATES
PENNSYLVANIA RESIDENTS, 2002-2006**

Year	No.	Rate
2002	128,537	959.5
2003	131,888	975.1
2004	135,334	993.7
2005	138,282	1009.9
2006	142,030	1054.5

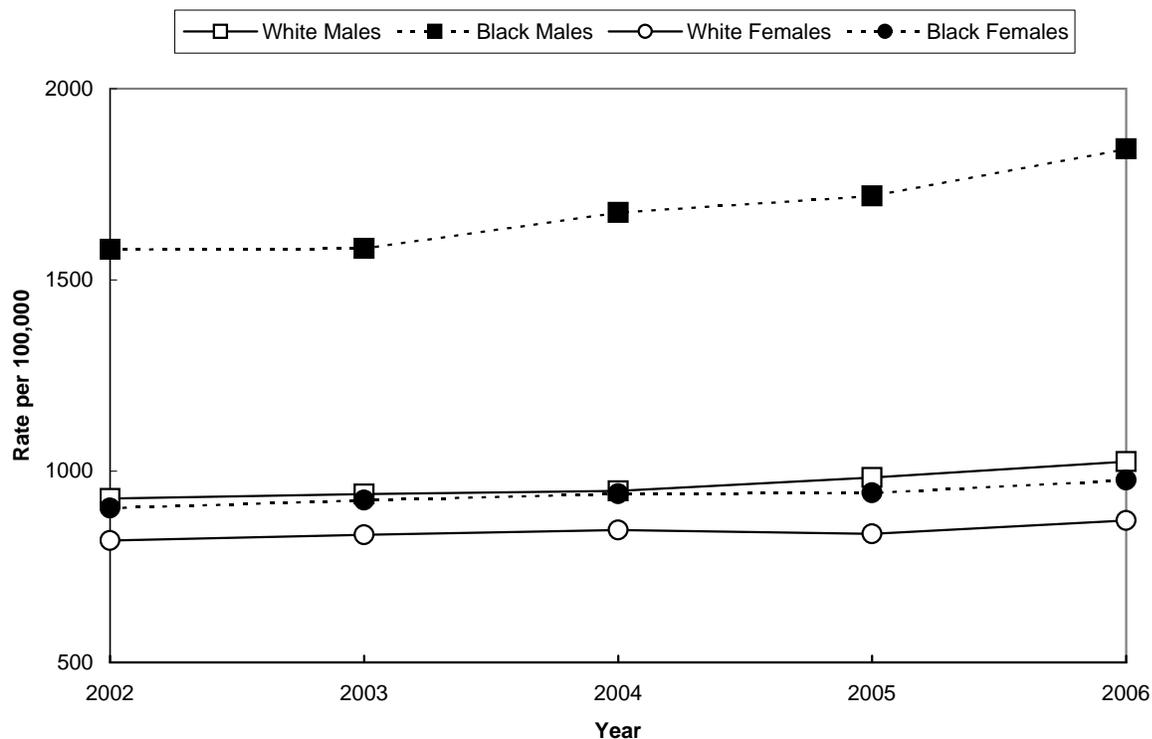
NOTES: Age-adjusted rates are computed by the direct method using the 2000 standard million population. Rates are per 100,000.
Data for 2002-2006 based on ICD-9-CM codes.
See Technical Notes.



ALL INJURY HOSPITALIZATIONS
TOTAL NUMBER OF HOSPITALIZATIONS AND AGE-ADJUSTED HOSPITALIZATION RATES
BY SEX AND RACE PENNSYLVANIA RESIDENTS, 2002-2006

Year	Males						Females					
	All Races		White		Black		All Races		White		Black	
	No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate
2002	60,605	1038.2	48,026	928.8	8,628	1580.0	67,925	858.1	59,419	818.6	5,819	903.9
2003	62,202	1054.5	49,048	939.9	8,830	1582.3	69,681	874.2	60,798	833.4	6,039	924.3
2004	64,269	1078.2	50,146	948.3	9,441	1676.0	71,060	889.5	61,777	845.8	6,223	941.0
2005	67,165	1119.7	52,330	983.7	9,815	1719.4	71,110	884.2	61,562	836.5	6,295	943.8
2006	69,121	1171.7	53,181	1025.2	10,507	1842.9	72,902	923.4	62,482	871.3	6,578	976.3

NOTES: Age-Adjusted rates are computed by the direct method using the 2000 U.S. standard million population. Rates are per 100,000. Unknown/Missing not included in totals
 Data for 2002-2006 based on ICD-9-CM codes.
 See Technical Notes.



**ALL INJURY HOSPITALIZATIONS
TOTAL NUMBER OF HOSPITALIZATIONS AND AGE-SPECIFIC HOSPITALIZATION RATES
BY SEX AND RACE PENNSYLVANIA RESIDENTS, 2006**

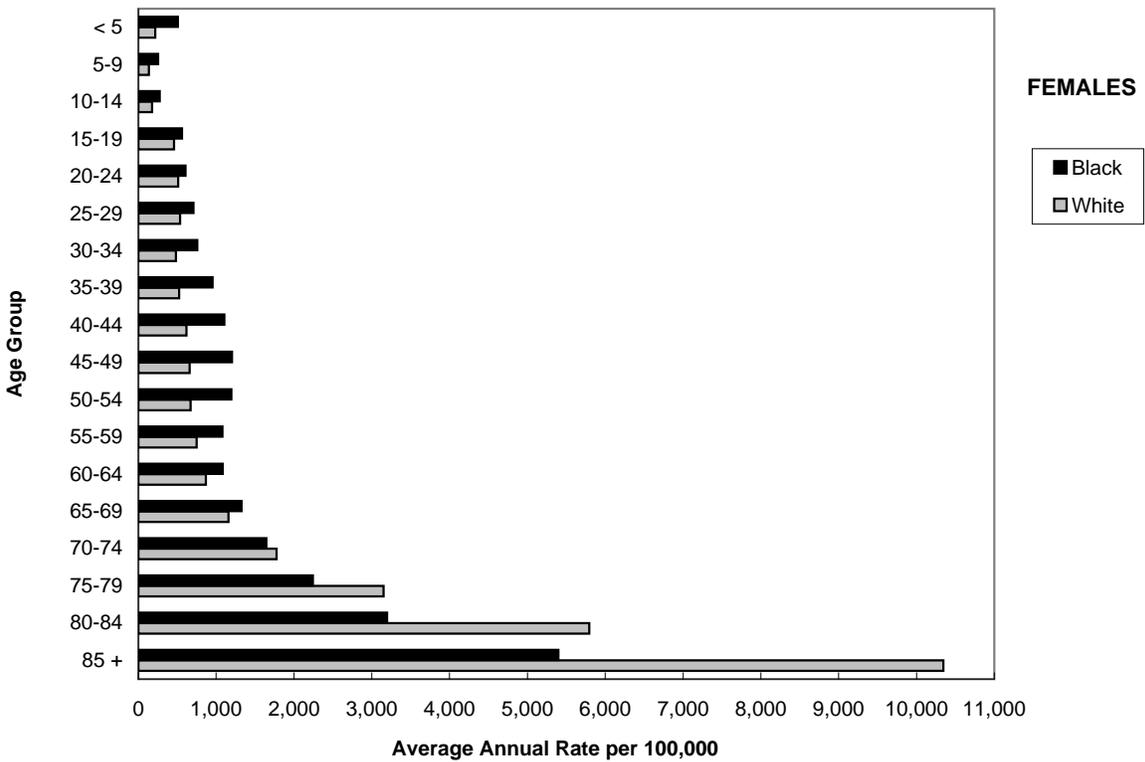
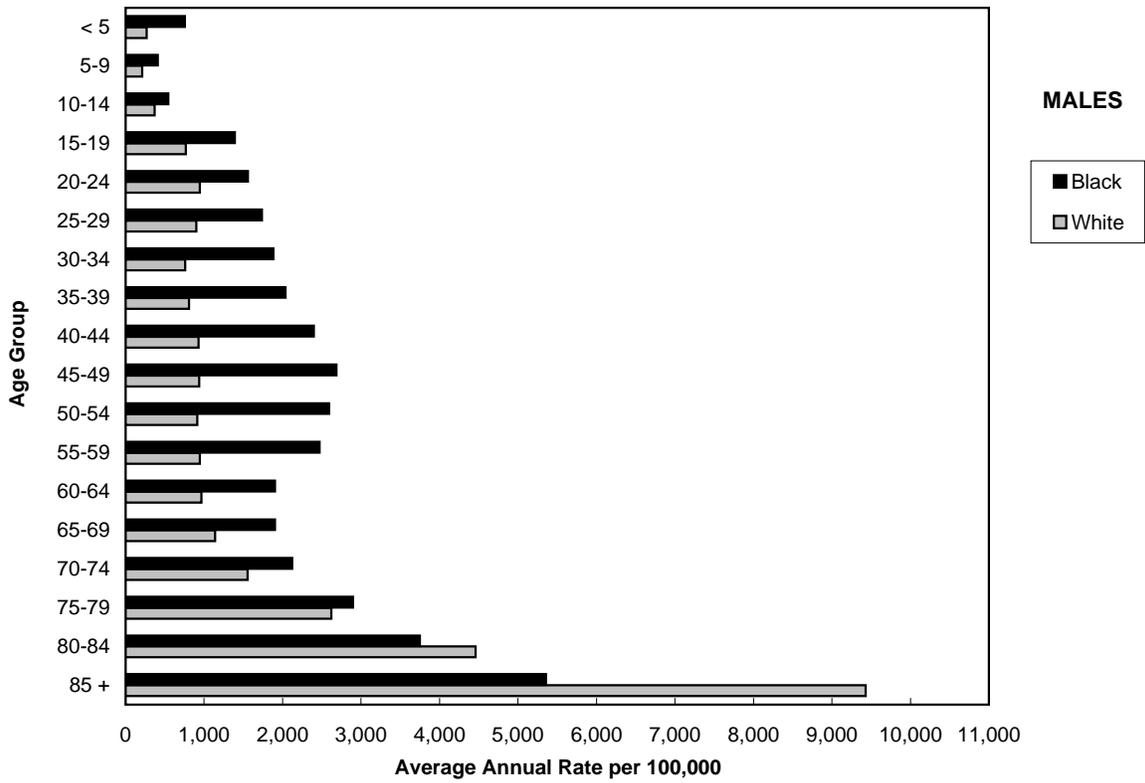
AGE GROUP	MALES						FEMALES					
	ALL RACES		WHITE		BLACK		ALL RACES		WHITE		BLACK	
	NO.	RATE	NO.	RATE	NO.	RATE	NO.	RATE	NO.	RATE	NO.	RATE
TOTAL	69,121	1145.3	53,181	1023.6	10,507	1678.3	72,902	1138.2	62,482	1138.5	6,578	943.6
< 5	1,462	390.8	808	267.0	382	755.5	1,056	295.8	624	216.7	249	508.6
5-9	1,019	260.2	671	210.4	214	407.8	647	172.8	413	136.0	128	253.8
10-14	1,725	413.9	1,255	367.3	313	543.7	811	203.0	578	177.0	152	273.5
15-19	4,277	914.8	2,959	765.5	860	1392.7	2,317	503.1	1,744	457.9	342	560.1
20-24	4,925	1115.3	3,460	947.2	898	1558.2	2,401	557.2	1,815	512.8	350	603.8
25-29	4,033	1092.9	2,738	900.5	831	1736.9	2,104	592.3	1,547	535.1	347	707.2
30-34	3,625	963.3	2,391	759.3	797	1883.0	2,009	536.3	1,492	481.1	344	756.5
35-39	4,144	1004.4	2,851	807.6	867	2035.6	2,495	595.4	1,856	523.9	452	954.7
40-44	5,100	1133.0	3,647	929.9	1,040	2397.5	3,199	695.9	2,449	619.7	547	1105.7
45-49	5,316	1155.3	3,821	938.1	1,094	2684.7	3,489	737.3	2,716	658.6	576	1204.5
50-54	4,743	1098.4	3,530	912.5	896	2594.4	3,364	747.7	2,661	671.4	503	1193.4
55-59	4,157	1110.8	3,196	944.1	672	2471.5	3,233	809.5	2,662	749.8	375	1079.3
60-64	3,245	1072.9	2,659	965.0	387	1904.0	3,065	919.1	2,595	867.6	295	1085.8
65-69	2,971	1235.2	2,506	1138.5	298	1904.9	3,419	1199.2	2,988	1158.2	292	1327.6
70-74	3,234	1636.8	2,825	1555.4	269	2122.6	4,670	1822.9	4,131	1775.3	324	1645.5
75-79	4,297	2716.4	3,856	2620.2	261	2897.7	7,327	3159.9	6,722	3152.8	359	2243.9
80-84	4,889	4544.3	4,477	4459.2	225	3749.4	10,336	5752.0	9,634	5793.3	374	3196.6
85 +	5,959	9429.5	5,531	9429.2	203	5354.8	16,960	10253	15,855	10347	569	5398.0

NOTES: Rates are per 100,000 population for each specified group.

Data based on ICD-9-CM codes.

See Technical Notes.

**ALL INJURY HOSPITALIZATIONS
AGE-SPECIFIC HOSPITALIZATION RATES
BY SEX AND RACE, PENNSYLVANIA RESIDENTS, 2006**



ALL INJURY HOSPITALIZATIONS

**NUMBER OF HOSPITALIZATIONS, AGE-ADJUSTED HOSPITALIZATION RATES, 95 % CONFIDENCE INTERVALS,
AND SIGNIFICANCE TEST RESULTS, BY HEALTH DISTRICT, PENNSYLVANIA RESIDENTS, 2006**

<u>District/County</u>	<u>No.</u>	<u>Rate</u>	<u>CI (95%)</u>	<u>District/County</u>	<u>No.</u>	<u>Rate</u>	<u>CI (95%)</u>
Northwest	10,498	1013.1	993.8-1,032.5 -	Southwest	34,232	1082.4	1,070.9-1,093.8 +
Cameron	70	1014.6	777.0-1,252.3	Allegheny	15,797	1099.8	1,082.7-1,117.0 +
Clarion	422	935.1	845.9-1,024.3 -	Armstrong	898	1144.4	1,069.6-1,219.3 +
Clearfield	944	1031.1	965.4-1,096.9	Beaver	1,891	936.5	894.3-978.7 -
Crawford	1,000	1034.7	970.5-1,098.8	Butler	2,006	1015.6	971.1-1,060.0
Elk	418	1092.7	987.9-1,197.4	Cambria	2,222	1288.4	1,234.8-1,342.0 +
Erie	2,782	948.7	913.5-984.0 -	Fayette	1,777	1063.0	1,013.6-1,112.5
Forest	101	1388.5	1,117.7-1,659.3 +	Greene	352	791.6	708.9-874.3 -
Jefferson	484	925.2	842.7-1,007.6 -	Indiana	970	1007.4	944.0-1,070.8
Lawrence	1,276	1187.1	1,122.0-1,252.2 +	Somerset	960	1041.2	975.4-1,107.1
McKean	503	1017.8	928.8-1,106.7	Washington	2,733	1158.1	1,114.7-1,201.5 +
Mercer	1,557	1133.0	1,076.7-1,189.3 +	Westmoreland	4,626	1088.0	1,056.7-1,119.4 +
Venango	617	1032.7	951.2-1,114.2				
Warren	324	683.9	609.5-758.4 -				
North Central	5,568	760.1	740.1-780.0 -	South Central	14,687	860.0	846.1-874.0 -
Bradford	600	891.8	820.4-963.1 -	Adams	700	659.0	610.2-707.8 -
Centre	936	758.1	709.6-806.7 -	Bedford	435	808.8	732.8-884.8 -
Clinton	361	896.0	803.5-988.4 -	Blair	1,640	1181.9	1,124.7-1,239.1 +
Columbia	610	886.0	815.7-956.3 -	Cumberland	1970	818.5	782.3-854.6 -
Lycoming	874	674.7	629.9-719.4 -	Dauphin	2144	806.8	772.6-840.9 -
Montour	203	1031.0	889.1-1,172.8	Franklin	1,265	830.6	784.8-876.3 -
Northumberland	1,012	939.6	881.8-997.5 -	Fulton	141	869.5	726.0-1,013.0 -
Potter	137	674.5	561.6-787.5 -	Huntingdon	512	1034.5	944.9-1,124.2
Snyder	250	612.0	536.2-687.9 -	Juniata	172	687.9	585.1-790.7 -
Sullivan	80	1030.4	804.6-1,256.1	Lebanon	1,031	750.0	704.2-795.8 -
Tioga	196	424.8	365.3-484.2 -	Mifflin	453	905.0	821.7-988.4 -
Union	309	705.1	626.5-783.7 -	Perry	412	912.1	824.0-1,000.2 -
				York	3812	910.3	881.4-939.2 -
Northeast	18,891	1110.7	1,094.9-1,126.6 +	Southeast	58,154	1132.6	1,123.4-1,141.8 +
Carbon	946	1396.4	1,307.4-1,485.4 +	Berks	3,737	895.6	866.9-924.4 -
Lackawanna	2,781	1111.6	1,070.3-1,152.9 +	Bucks	6,083	1003.7	978.5-1,028.9 -
Lehigh	4,144	1174.0	1,138.3-1,209.8 +	Chester	3,901	854.0	827.2-880.8 -
Luzerne	4,009	1072.4	1,039.2-1,105.6	Delaware	7,301	1214.7	1,186.9-1,242.6 +
Monroe	1,433	929.7	881.6-977.8 -	Lancaster	4442	878.5	852.7-904.4 -
Northampton	3,996	1284.8	1,244.9-1,324.6 +	Montgomery	8,115	975.4	954.2-996.6 -
Pike	268	453.9	399.6-508.3 -	Philadelphia	22,389	1,516.0	1,496.1-1,535.8 +
Susquehanna	410	877.0	792.1-961.9 -	Schuylkill	2,186	1,277.1	1,223.6-1,330.7 +
Wayne	566	1005.6	922.8-1,088.5				
Wyoming	338	1197.9	1,070.2-1,325.6 +				
				Pennsylvania	142,030	1,054.5	1,049.0-1,060.0

NOTE: A+ or - after the confidence interval (CI) denotes if the county rate was significantly higher or lower than the state rate. No + or - after a CI denotes no significant difference. CIs were not calculated for rates based on less than 20 events due to unreliability.
Data based on ICD-9-CM codes.
See Technical Notes.

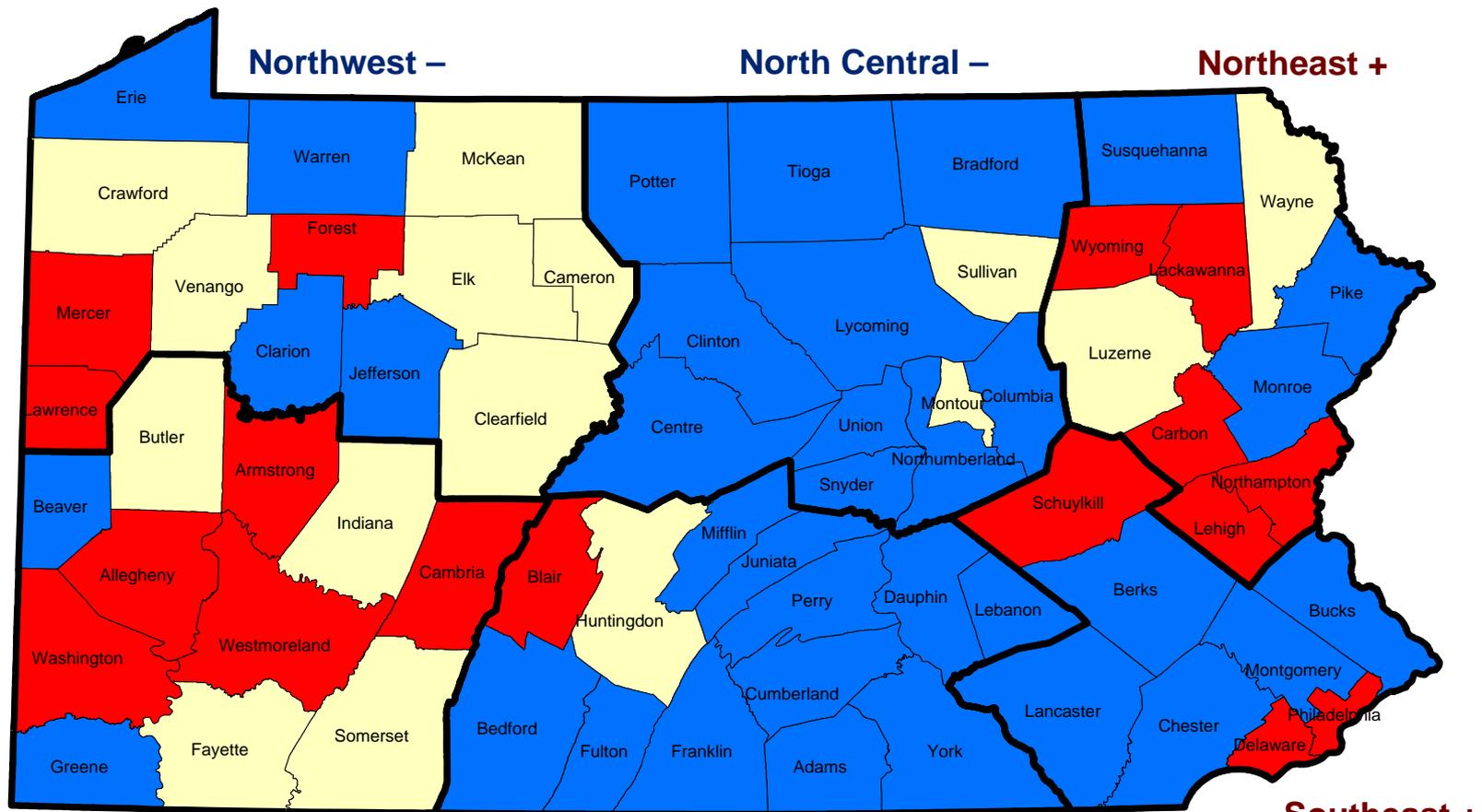
**ALL INJURY HOSPITALIZATIONS
NUMBER OF HOSPITALIZATIONS, TOTAL AND BY SELECTED AGE GROUPS,
BY HEALTH DISTRICT, PENNSYLVANIA RESIDENTS, 2006**

COUNTY	AGE AT HOSPITALIZATION (IN YEARS)				COUNTY	AGE AT HOSPITALIZATION (IN YEARS)			
	ALL AGES	< 20	20-64	65+		ALL AGES	< 20	20-64	65+
Pennsylvania	142,030	13,317	64,651	64,062					
Northwest	10,498	945	4,564	4,989	Southwest	34,232	2,619	14,383	17,230
Cameron	70	4	21	45	Allegheny	15,797	1,138	6,631	8,028
Clarion	422	35	168	219	Armstrong	898	85	384	429
Clearfield	944	87	461	396	Beaver	1,891	139	882	870
Crawford	1,000	100	449	451	Butler	2,006	178	823	1,005
Elk	418	38	162	218	Cambria	2,222	177	1,022	1,023
Erie	2,782	256	1,344	1,182	Fayette	1,777	148	753	876
Forest	101	6	44	51	Greene	352	31	132	189
Jefferson	484	44	180	260	Indiana	970	80	419	471
Lawrence	1,276	112	512	652	Somerset	960	82	371	507
McKean	503	59	201	243	Washington	2,733	211	1,149	1,373
Mercer	1,557	119	593	845	Westmoreland	4,626	350	1,817	2,459
Venango	617	61	288	268					
Warren	324	24	141	159					
North Central	5,568	576	2,337	2,655	South Central	14,687	1,402	6,567	6,718
Bradford	600	73	260	267	Adams	700	59	307	334
Centre	936	97	420	419	Bedford	435	64	173	198
Clinton	361	42	149	170	Blair	1,640	148	798	694
Columbia	610	58	274	278	Cumberland	1,970	156	761	1,053
Lycoming	874	88	385	401	Dauphin	2,144	240	1,040	864
Montour	203	18	85	100	Franklin	1,265	121	478	666
Northumberland	1,012	91	409	512	Fulton	141	10	59	72
Potter	137	16	52	69	Huntingdon	512	41	280	191
Snyder	250	29	77	144	Juniata	172	21	70	81
Sullivan	80	4	33	43	Lebanon	1,031	132	403	496
Tioga	196	29	81	86	Mifflin	453	38	202	213
Union	309	31	112	166	Perry	412	57	202	153
					York	3,812	315	1,794	1,703
Northeast	18,891	1,848	8,175	8,868	Southeast	58,154	5,927	28,625	23,602
Carbon	946	74	436	436	Berks	3,737	364	1,708	1,665
Lackawanna	2,781	224	1,105	1,452	Bucks	6,083	627	2,686	2,770
Lehigh	4,144	474	1,848	1,822	Chester	3,901	320	1,716	1,865
Luzerne	4,009	327	1,608	2,074	Delaware	7,301	642	3,233	3,426
Monroe	1,433	203	773	457	Lancaster	4,442	499	2,006	1,937
Northampton	3,996	374	1,677	1,945	Montgomery	8,115	666	3,280	4,169
Pike	268	40	156	72	Philadelphia	22,389	2,590	13,064	6,735
Susquehanna	410	38	178	194	Schuylkill	2,186	219	932	1,035
Wayne	566	55	244	267					
Wyoming	338	39	150	149					

NOTE: * Unknowns included in totals.
Data based on ICD-9-CM codes.
See Technical Notes.

AGE-ADJUSTED HOSPITALIZATION RATES AND SIGNIFICANCE TEST RESULTS
BY COUNTY AND PA HEALTH DISTRICT, PENNSYLVANIA RESIDENTS, 2006

All Injury Hospitalizations



Legend

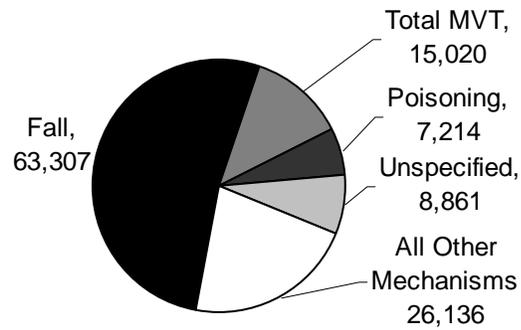
- Rate Significantly Lower than PA
- Rate Significantly Higher than PA
- No Significant Difference from PA

If the district rate was significantly higher or lower than the state rate, a + or - follows the name. No sign indicates no significant difference.

UNINTENTIONAL INJURY HOSPITALIZATIONS

- Unintentional injury hospitalizations include unintentional falls, unintentional poisoning and motor vehicle accidents, among other injuries.
- The annual number and age-adjusted rate for unintentional injury hospitalizations among Pennsylvania residents increased between 2002 and 2006. There were 120,538 hospitalizations for a rate of 879.7 per 100,000 in 2006, and there were 109,743 hospitalizations for a rate of 805.7 per 100,000 in 2002, the year the lowest rate was recorded.
- The annual age-adjusted unintentional injury hospitalization rates for the four sex/race groups have increased slightly over the five-year period of 2002-2006, with rates among black males increasing most of all.
- As with the age-adjusted rates, the 2006 age-specific hospitalization rates for unintentional injury were consistently higher among black males.
- The 2006 age-specific unintentional injury hospitalization rates for black males show a small peak for ages 50-59 in addition to the dramatic spike which occurs after age 70 for all sex/race groups.
- More than 50 percent, or 61,763, of the total 120,538 unintentional injury hospitalizations during 2006 were to residents over 65 years of age.
- Sixteen counties had average annual age-adjusted hospitalization rates for 2006 that were significantly higher than the corresponding state rate.
- Twenty-eight counties had average annual age-adjusted hospitalization rates for 2006 that were significantly lower than the corresponding state rate.

**UNINTENTIONAL INJURY HOSPITALIZATIONS
BY MECHANISM & NUMBER
PENNSYLVANIA RESIDENTS, 2006**



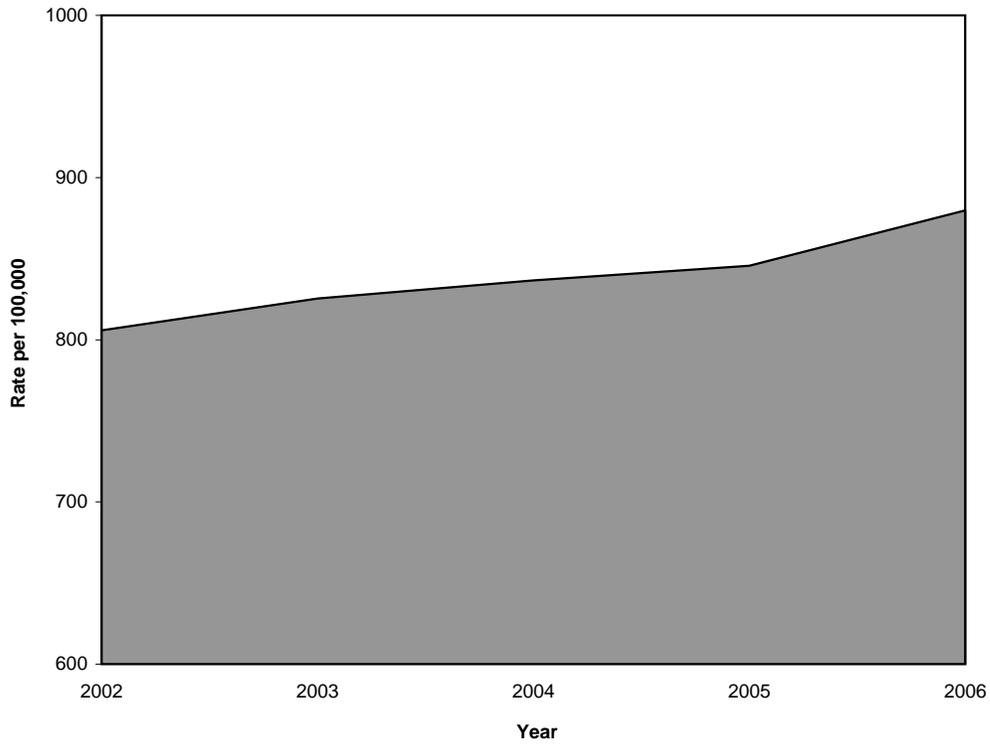
**HIGHEST AGE-ADJUSTED HOSPITALIZATION RATES:
Black males**

**HIGHEST AGE-SPECIFIC HOSPITALIZATION RATES:
The elderly (age 70+)**

**UNINTENTIONAL INJURY HOSPITALIZATIONS
TOTAL NUMBER OF HOSPITALIZATIONS AND
AGE-ADJUSTED HOSPITALIZATION RATES
PENNSYLVANIA RESIDENTS, 2002-2006**

Year	No.	Rate
2002	109,743	805.7
2003	113,581	825.4
2004	116,006	836.5
2005	118,085	845.7
2006	120,538	879.7

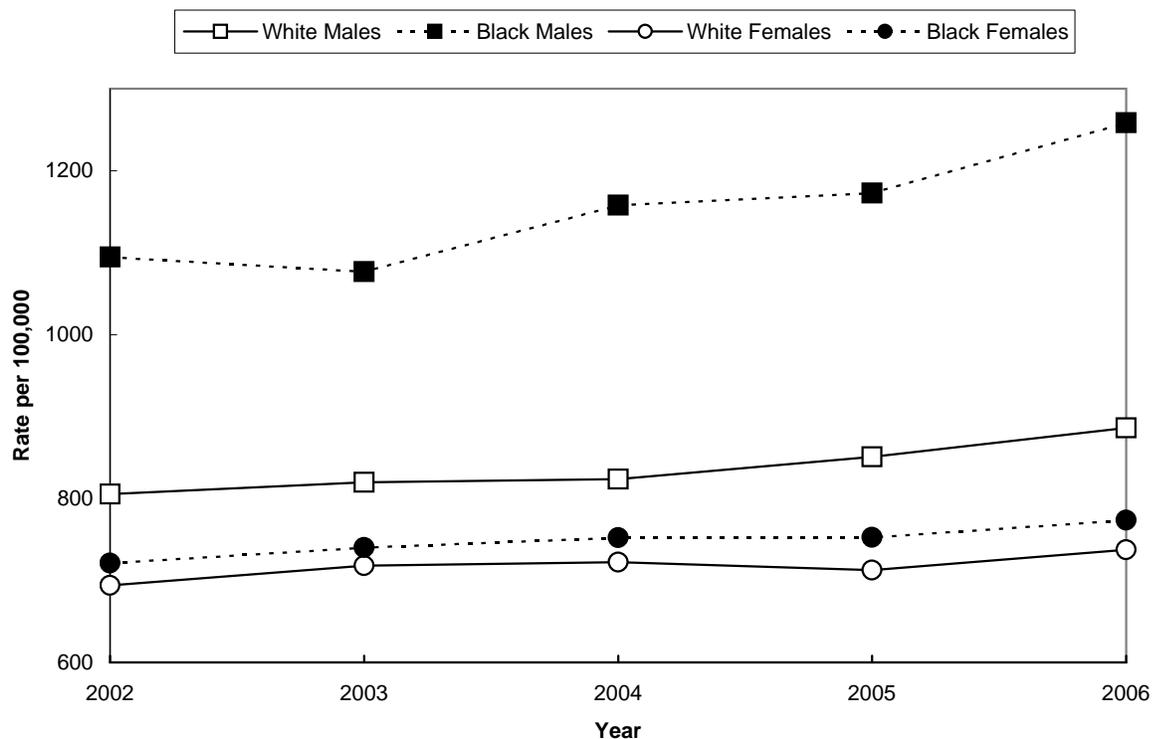
NOTES: Age-adjusted rates are computed by the direct method using the 2000 standard million population. Rates are per 100,000.
Data for 2002-2006 based on ICD-9-CM codes.
See Technical Notes.



UNINTENTIONAL INJURY HOSPITALIZATIONS
TOTAL NUMBER OF HOSPITALIZATIONS AND AGE-ADJUSTED HOSPITALIZATION RATES
BY SEX AND RACE PENNSYLVANIA RESIDENTS, 2002-2006

Year	Males						Females					
	All Races		White		Black		All Races		White		Black	
	No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate
2002	50,530	867.3	41,716	805.3	5,716	1094.7	59,206	721.8	52,429	693.8	4,610	721.3
2003	52,018	882.8	42,898	819.9	5,744	1076.9	61,558	746.4	54,416	718.1	4,811	740.1
2004	53,586	899.5	43,669	823.6	6,226	1158.0	62,415	753.5	54,940	722.3	4,949	752.3
2005	55,729	928.7	45,443	850.9	6,373	1172.8	62,350	746.7	54,685	712.5	4,992	752.5
2006	57,021	969.5	46,036	886.0	6,814	1258.4	63,511	775.8	55,128	737.4	5,183	773.5

NOTES: Age-Adjusted rates are computed by the direct method using the 2000 U.S. standard million population. Rates are per 100,000.
 Data for 2002-2006 based on ICD-9-CM codes.
 See Technical Notes.



**UNINTENTIONAL INJURY HOSPITALIZATIONS
TOTAL NUMBER OF HOSPITALIZATIONS AND AGE-SPECIFIC HOSPITALIZATION RATES
BY SEX AND RACE PENNSYLVANIA RESIDENTS, 2006**

AGE GROUP	MALES						FEMALES					
	ALL RACES		WHITE		BLACK		ALL RACES		WHITE		BLACK	
	NO.	RATE	NO.	RATE	NO.	RATE	NO.	RATE	NO.	RATE	NO.	RATE
TOTAL***	57,021	944.8	46,036	886.1	6,814	1088.4	63,511	991.5	55,128	1004.5	5,183	743.5
< 5	1,315	351.5	738	243.9	337	666.5	938	262.7	563	195.6	207	422.8
5-9	986	251.8	658	206.3	202	384.9	617	164.8	396	130.4	119	236.0
10-14	1,574	377.6	1,167	341.5	264	458.6	637	159.4	460	140.8	118	212.3
15-19	3,049	652.1	2,361	610.8	386	625.1	1,395	302.9	1,059	278.0	189	309.5
20-24	3,210	726.9	2,508	686.6	338	586.5	1,463	339.5	1,097	309.9	204	351.9
25-29	2,663	721.6	1,978	650.5	387	808.9	1,260	354.7	919	317.9	215	438.2
30-34	2,445	649.7	1,731	549.7	425	1004.1	1,231	328.6	901	290.5	210	461.8
35-39	2,957	716.7	2,173	615.6	482	1131.7	1,536	366.6	1,151	324.9	274	578.7
40-44	3,745	831.9	2,803	714.7	648	1493.8	2,129	463.1	1,609	407.2	369	745.9
45-49	4,114	894.1	3,138	770.5	679	1666.3	2,551	539.1	1,985	481.3	420	878.3
50-54	3,891	901.1	3,008	777.6	639	1850.2	2,751	611.5	2,183	550.8	403	956.2
55-59	3,627	969.1	2,848	841.3	528	1941.9	2,869	718.3	2,362	665.3	332	955.5
60-64	2,972	982.6	2,465	894.6	331	1628.5	2,844	852.8	2,415	807.5	271	997.5
65-69	2,778	1155.0	2,357	1070.8	270	1725.9	3,236	1135.0	2,833	1098.1	272	1236.6
70-74	3,087	1562.4	2,707	1490.4	247	1949.0	4,462	1741.7	3,948	1696.7	309	1569.3
75-79	4,137	2615.3	3,715	2524.4	251	2786.7	7,067	3047.7	6,485	3041.7	350	2187.6
80-84	4,732	4398.4	4,342	4324.7	213	3549.4	10,030	5581.7	9,346	5620.1	366	3128.2
85 +	5,739	9081.4	5,339	9101.9	187	4932.7	16,495	9971.5	15,416	10061	555	5265.2

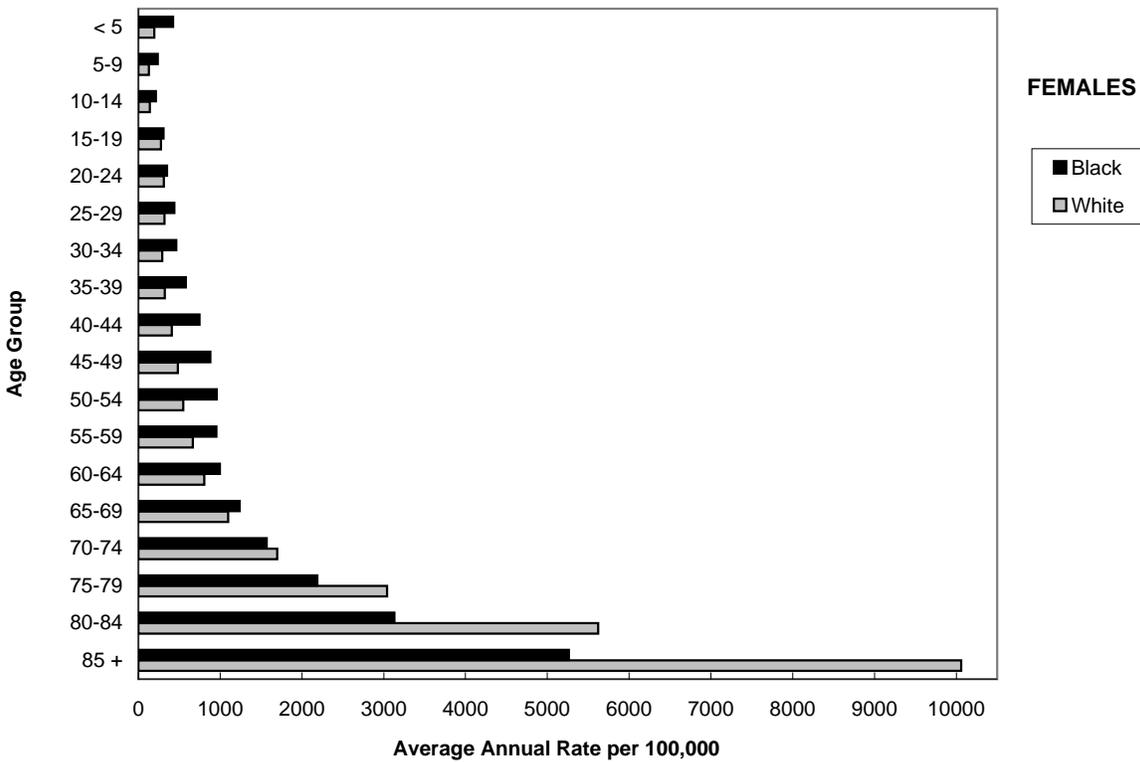
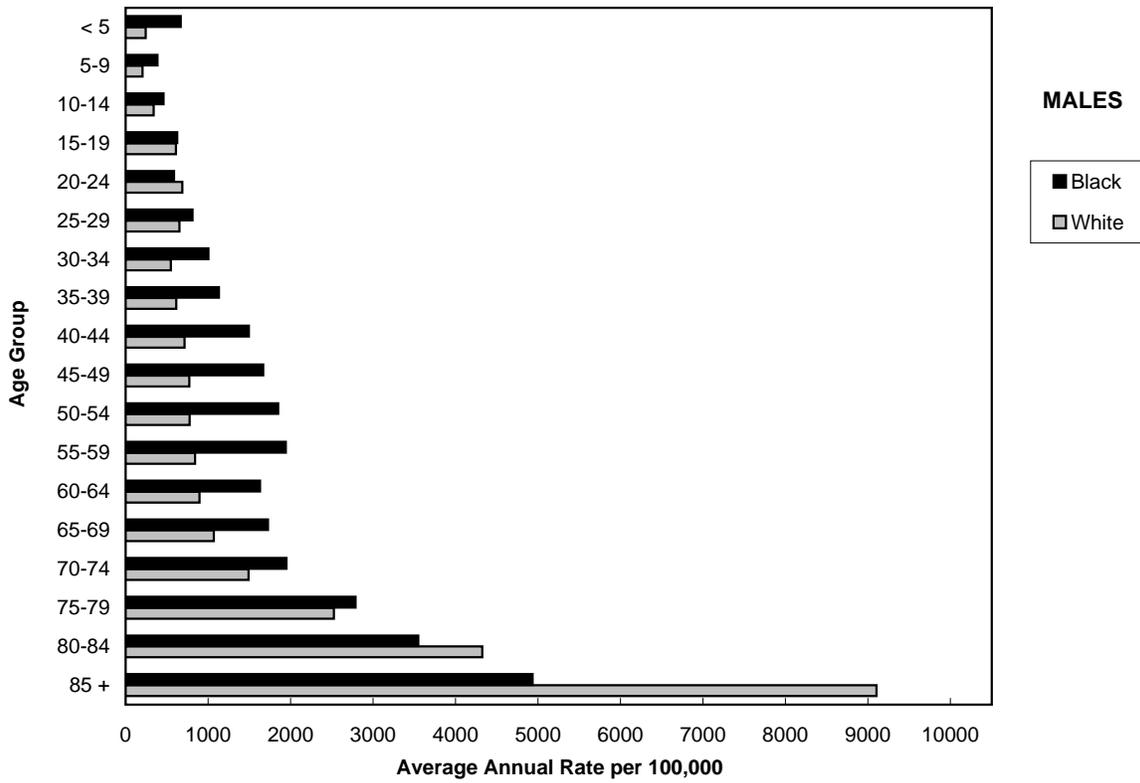
*** Unknowns included in totals.

NOTES: Rates are per 100,000 population (2006) for each specified group.

Data based on ICD-9-CM codes.

See Technical Notes.

**UNINTENTIONAL INJURY HOSPITALIZATIONS
AGE-SPECIFIC HOSPITALIZATION RATES
BY SEX AND RACE, PENNSYLVANIA RESIDENTS, 2006**



UNINTENTIONAL INJURY HOSPITALIZATIONS
NUMBER OF HOSPITALIZATIONS, AGE-ADJUSTED HOSPITALIZATION RATES, 95 % CONFIDENCE INTERVALS,
AND SIGNIFICANCE TEST RESULTS, BY HEALTH DISTRICT, PENNSYLVANIA RESIDENTS, 2006

District/County	No.	Rate	CI (95%)	District/County	No.	Rate	CI (95%)
Northwest	8,914	839.3	821.9-856.7 -	Southwest	29,879	917.8	907.4-928.3 +
Cameron	64	896.9	677.2-1,116.7	Allegheny	13,729	925.8	910.4-941.3 +
Clarion	399	869.8	784.4-955.1	Armstrong	804	997.1	928.2-1,066.0 +
Clearfield	827	885.8	825.4-946.1	Beaver	1,629	777.0	739.3-814.7 -
Crawford	873	891.7	832.5-950.8	Butler	1,748	876.0	834.9-917.0
Elk	367	922.2	827.9-1,016.6	Cambria	1,867	1038.2	991.1-1,085.3 +
Erie	2,232	749.2	718.1-780.2 -	Fayette	1,533	887.5	843.1-932.0
Forest	93	1271.0	1,012.7-1,529.4 +	Greene	306	677.1	601.2-752.9 -
Jefferson	440	825.7	748.6-902.9	Indiana	839	858.3	800.3-916.4
Lawrence	1,101	980.5	922.6-1,038.4 +	Somerset	857	905.3	844.7-965.9
McKean	431	851.4	771.0-931.8	Washington	2,431	1006.5	966.5-1,046.5 +
Mercer	1,277	895.7	846.6-944.9	Westmoreland	4,136	947.1	918.2-975.9 +
Venango	517	832.7	761.0-904.5				
Warren	293	606.4	536.9-675.8 -				
North Central	4,804	647.8	629.5-666.1 -	South Central	12,685	734.2	721.4-747.0 -
Bradford	510	738.1	674.1-802.2 -	Adams	616	575.2	529.8-620.6 -
Centre	796	653.2	607.8-698.6 -	Bedford	385	708.7	637.9-779.5 -
Clinton	329	803.9	717.1-890.8	Blair	1,321	923.8	874.0-973.7
Columbia	465	669.5	608.7-730.4 -	Cumberland	1751	723.1	689.2-756.9 -
Lycoming	788	600.4	558.5-642.3 -	Dauphin	1841	685.0	653.8-716.3 -
Montour	166	815.1	691.1-939.1	Franklin	1,146	740.6	697.7-783.5 -
Northumberland	866	771.3	719.9-822.7 -	Fulton	125	759.4	626.2-892.5
Potter	124	592.3	488.0-696.5 -	Huntingdon	426	857.4	775.9-938.8
Snyder	221	538.4	467.4-609.4 -	Juniata	156	619.7	522.4-716.9 -
Sullivan	76	954.2	739.7-1,168.7	Lebanon	937	674.5	631.4-717.7 -
Tioga	183	393.1	336.1-450.0 -	Mifflin	398	769.4	693.8-845.0 -
Union	280	640.4	565.4-715.4 -	Perry	373	822.8	739.3-906.3
				York	3,210	763.1	736.7-789.5 -
Northeast	16,266	941.2	926.7-955.6 +	Southeast	47,990	925.1	916.9-933.4 +
Carbon	812	1169.9	1,089.5-1,250.4 +	Berks	3,189	756.8	730.5-783.1 -
Lackawanna	2,436	943.4	905.9-980.9 +	Bucks	5,295	873.1	849.5-896.6
Lehigh	3,556	993.8	961.2-1,026.5 +	Chester	3,522	773.8	748.2-799.3 -
Luzerne	3,598	940.7	910.0-971.4 +	Delaware	6,249	1024.8	999.4-1,050.2 +
Monroe	1,014	649.7	609.7-689.7 -	Lancaster	3816	749.4	725.6-773.2 -
Northampton	3,453	1097.2	1,060.6-1,133.8 +	Montgomery	7,247	861.7	841.8-881.5
Pike	221	370.1	321.3-418.9 -	Philadelphia	16,817	1,130.8	1,113.7-1,147.9 +
Susquehanna	359	757.7	679.3-836.0 -	Schuylkill	1,855	1,049.8	1,002.0-1,097.6 +
Wayne	515	902.3	824.4-980.2				
Wyoming	302	1065.9	945.7-1,186.2 +				
				Pennsylvania	120,538	879.7	874.7-884.7

NOTE: A+ or - after the confidence interval (CI) denotes if the county rate was significantly higher or lower than the state rate. No + or - after a CI denotes no significant difference. CIs were not calculated for rates based on less than 20 events due to unreliability.
 Data based on ICD-9-CM codes.
 See Technical Notes.

**UNINTENTIONAL INJURY HOSPITALIZATIONS
NUMBER OF HOSPITALIZATIONS, TOTAL AND BY SELECTED AGE GROUPS,
BY HEALTH DISTRICT, PENNSYLVANIA RESIDENTS, 2006**

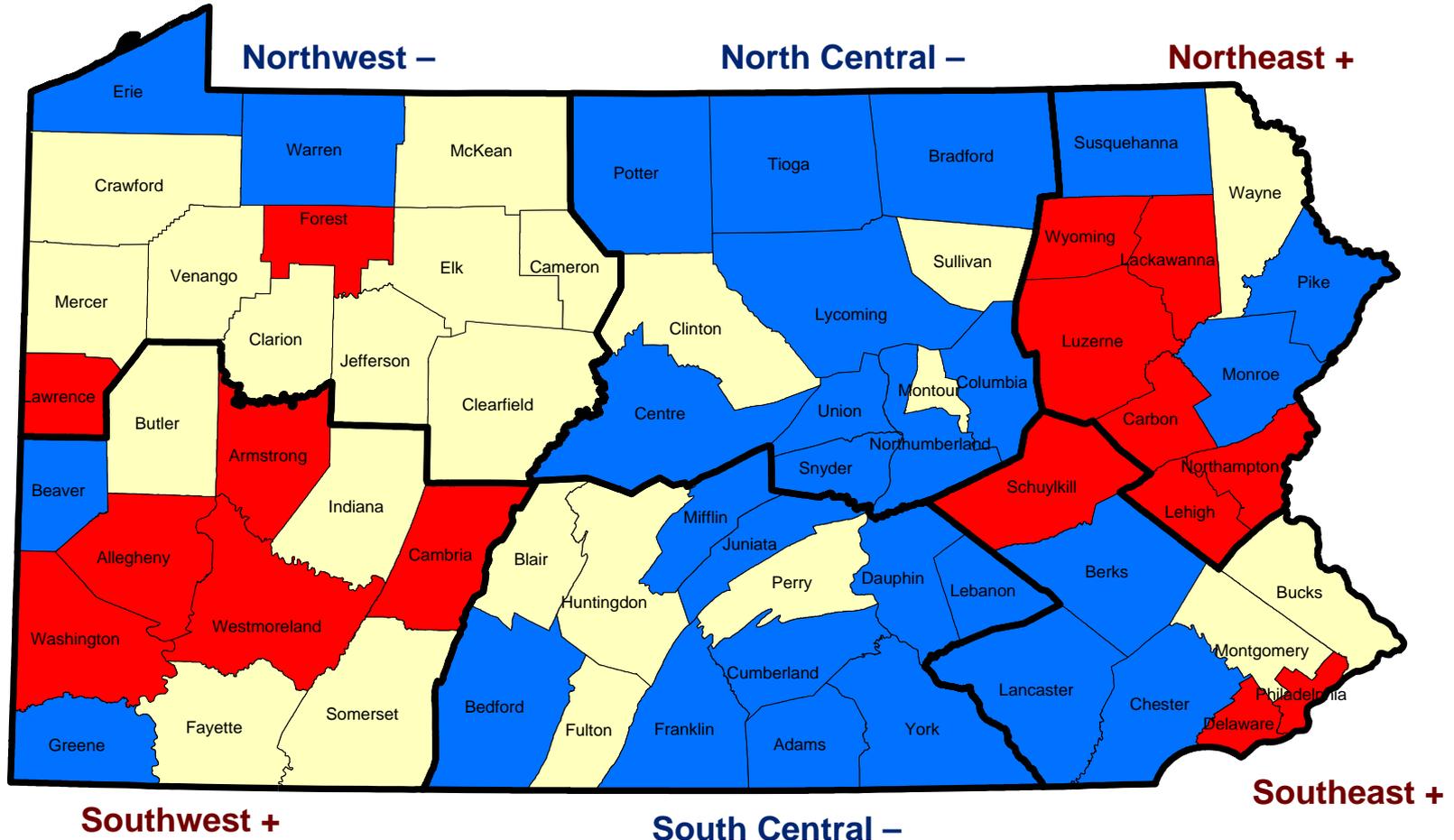
COUNTY	AGE AT HOSPITALIZATION (IN YEARS)			
	ALL AGES	< 20	20-64	65+
Pennsylvania	120,538	10,514	48,261	61,763
Northwest	8,914	703	3,419	4,792
Cameron	64	3	18	43
Clarion	399	33	151	215
Clearfield	827	72	373	382
Crawford	873	77	370	426
Elk	367	27	126	214
Erie	2,232	182	913	1,137
Forest	93	5	39	49
Jefferson	440	38	147	255
Lawrence	1,101	88	379	634
McKean	431	37	155	239
Mercer	1,277	79	415	783
Venango	517	42	216	259
Warren	293	20	117	156
North Central	4,804	458	1,807	2,539
Bradford	510	54	198	258
Centre	796	73	314	409
Clinton	329	36	125	168
Columbia	465	48	194	223
Lycoming	788	71	321	396
Montour	166	13	58	95
Northumberland	866	69	306	491
Potter	124	13	43	68
Snyder	221	24	59	138
Sullivan	76	3	30	43
Tioga	183	28	71	84
Union	280	26	88	166
Northeast	16,266	1,509	6,310	8,447
Carbon	812	54	333	425
Lackawanna	2,436	180	846	1,410
Lehigh	3,556	396	1,385	1,775
Luzerne	3,598	273	1,309	2,016
Monroe	1,014	150	547	317
Northampton	3,453	305	1,284	1,864
Pike	221	38	119	64
Susquehanna	359	31	149	179
Wayne	515	49	211	255
Wyoming	302	33	127	142

COUNTY	AGE AT HOSPITALIZATION (IN YEARS)			
	ALL AGES	< 20	20-64	65+
Southwest	29,879	2,081	11,004	16,794
Allegheny	13,729	885	4,982	7,862
Armstrong	804	67	321	416
Beaver	1,629	113	661	855
Butler	1,748	138	661	949
Cambria	1,867	139	730	998
Fayette	1,533	119	580	834
Greene	306	24	99	183
Indiana	839	65	325	449
Somerset	857	68	293	496
Washington	2,431	173	915	1,343
Westmoreland	4,136	290	1,437	2,409
South Central	12,685	1,186	5,057	6,442
Adams	616	53	248	315
Bedford	385	56	146	183
Blair	1,321	118	559	644
Cumberland	1,751	144	591	1,016
Dauphin	1,841	199	802	840
Franklin	1,146	104	387	655
Fulton	125	9	47	69
Huntingdon	426	35	216	175
Juniata	156	18	60	78
Lebanon	937	116	339	482
Mifflin	398	32	155	211
Perry	373	48	174	151
York	3,210	254	1,333	1,623
Southeast	47,990	4,577	20,664	22,749
Berks	3,189	284	1,322	1,583
Bucks	5,295	519	2,086	2,690
Chester	3,522	279	1,430	1,813
Delaware	6,249	488	2,431	3,330
Lancaster	3,816	423	1,548	1,845
Montgomery	7,247	556	2,641	4,050
Philadelphia	16,817	1,860	8,509	6,448
Schuylkill	1,855	168	697	990

NOTE: * Unknowns included in totals.
Data based on ICD-9-CM codes.
See Technical Notes.

**AGE-ADJUSTED HOSPITALIZATION RATES AND SIGNIFICANCE TEST RESULTS
BY COUNTY AND PA HEALTH DISTRICT, PENNSYLVANIA RESIDENTS, 2006**

Unintentional Injury Hospitalizations



Legend

- Rate Significantly Lower than PA
- Rate Significantly Higher than PA
- No Significant Difference from PA

If the district rate was significantly higher or lower than the state rate, a + or - follows the name. No sign indicates no significant difference.

UNINTENTIONAL MOTOR VEHICLE TRAFFIC HOSPITALIZATIONS

- Unintentional motor vehicle traffic hospitalizations include all hospitalizations involving motor vehicles on a public highway (as defined by ICD-9-CM). Non-traffic hospitalizations are excluded. (See Technical notes.)
- The number and the age-adjusted rate of unintentional motor vehicle traffic hospitalizations have been relatively stable during the five-year period of 2002-2006. The highest number of hospitalizations (15,204) occurred in 2002 for an age-adjusted rate of 122.1 per 100,000, while the lowest number (14,553) and rate (115.4) occurred in 2004.
- Males, especially black males, had much higher annual age-adjusted hospitalization rates than females between 2002 and 2006. The hospitalization rates for black males and females decreased from a high in 2002, while the rates for white males and females have remained fairly stable.
- As occurred with age-adjusted hospitalization rates, the age-specific hospitalization rates for males were consistently much higher than those for females.
- Approximately 32 percent of the 15,020 hospitalizations during 2006 due to motor vehicle traffic accidents occurred among residents between the ages of 15 and 29. Another 10 percent were to residents aged 75 and older.
- Sixteen of the 67 counties in the state had average annual age-adjusted rates for motor vehicle traffic hospitalization that were considered significantly higher than the corresponding state rate for 2006.
- Seventeen counties had average annual age-adjusted hospitalization rates for 2006 that were considered significantly lower than the corresponding state rate.

**HIGHEST AGE-ADJUSTED HOSPITALIZATION RATES:
Black males**

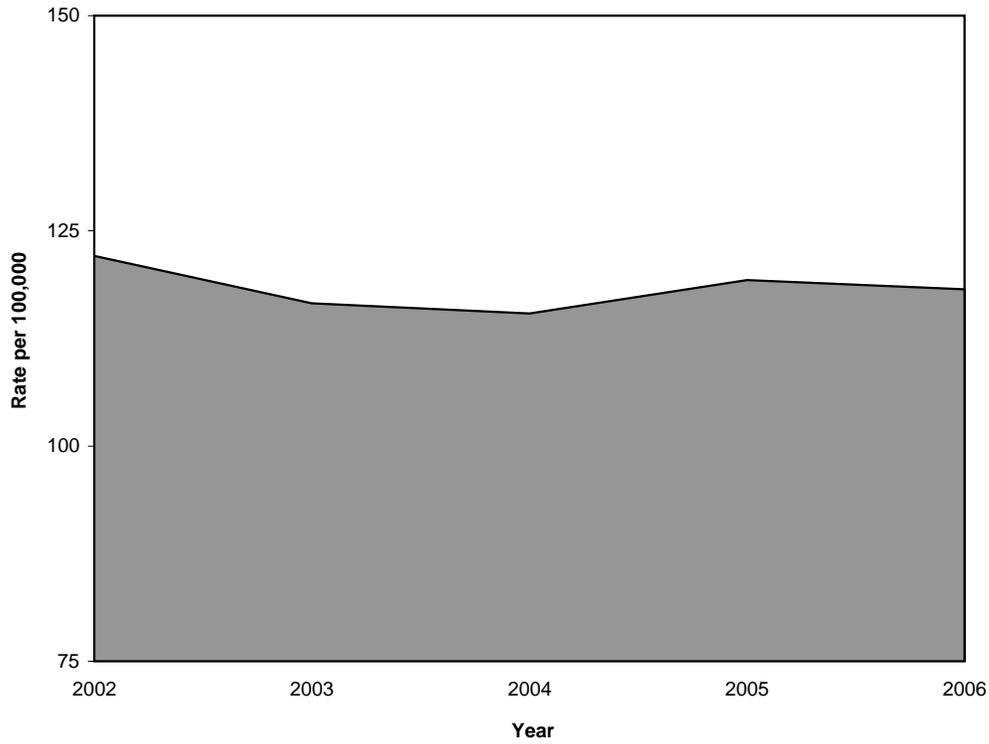
**HIGHEST AGE-SPECIFIC HOSPITALIZATION RATES:
Young males and females (ages 15-29)**

Elderly males and females (age 80+)

**UNINTENTIONAL MOTOR VEHICLE TRAFFIC HOSPITALIZATIONS
TOTAL NUMBER OF HOSPITALIZATIONS AND
AGE-ADJUSTED HOSPITALIZATION RATES
PENNSYLVANIA RESIDENTS, 2002-2006**

Year	No.	Rate
2002	15,204	122.1
2003	14,595	116.6
2004	14,553	115.4
2005	15,074	119.3
2006	15,020	118.2

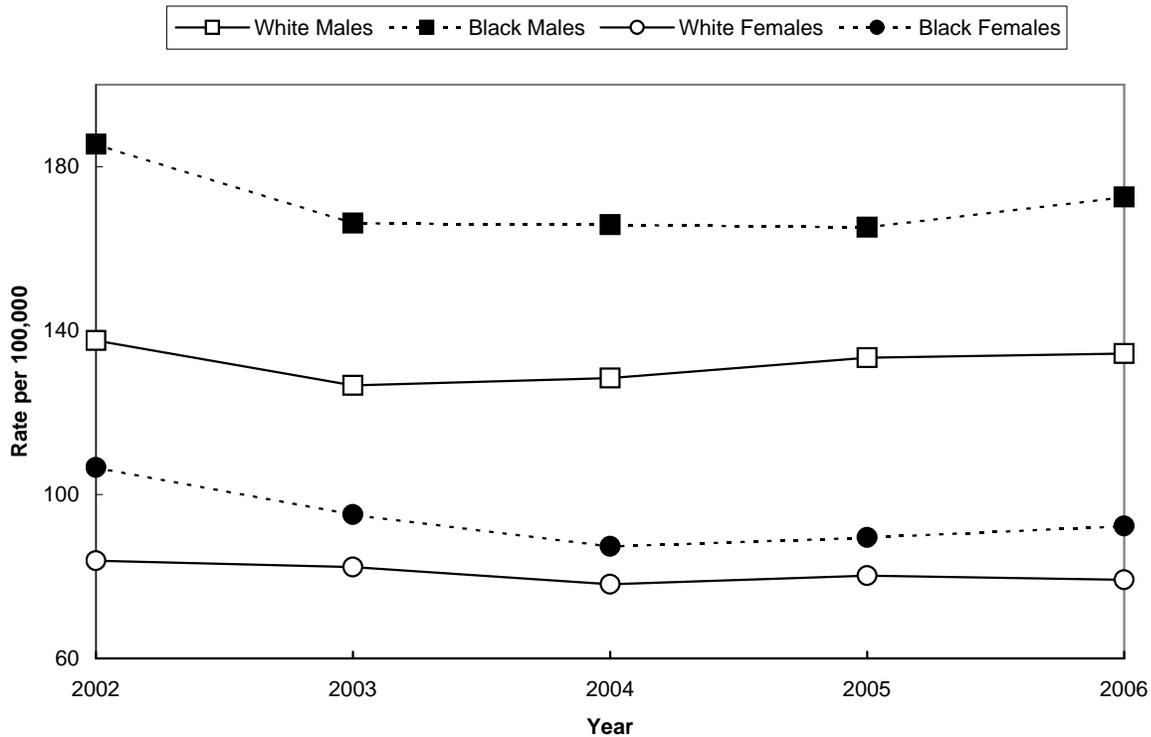
NOTES: Age-adjusted rates are computed by the direct method using the 2000 standard million population. Rates are per 100,000.
Data for 2002-2006 based on ICD-9-CM codes.
See Technical Notes.



**UNINTENTIONAL MOTOR VEHICLE TRAFFIC HOSPITALIZATIONS
TOTAL NUMBER OF HOSPITALIZATIONS AND AGE-ADJUSTED HOSPITALIZATION RATES
BY SEX AND RACE PENNSYLVANIA RESIDENTS, 2002-2006**

Year	Males						Females					
	All Races		White		Black		All Races		White		Black	
	No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate
2002	9,130	153.6	7,113	137.6	1,088	185.5	6,070	92.6	4,820	83.8	712	106.6
2003	8,592	143.0	6,587	126.6	1,001	166.2	6,000	91.1	4,740	82.3	640	95.1
2004	8,752	144.9	6,753	128.4	1,014	165.8	5,801	87.1	4,579	78.1	597	87.3
2005	9,094	150.2	7,012	133.4	1,019	165.2	5,978	89.2	4,728	80.2	614	89.5
2006	9,147	150.0	7,096	134.4	1,054	172.6	5,871	87.8	4,618	79.2	650	92.3

NOTES: Age-Adjusted rates are computed by the direct method using the 2000 U.S. standard million population. Rates are per 100,000.
Data for 2002-2006 based on ICD-9-CM codes.
See Technical Notes.



**UNINTENTIONAL MOTOR VEHICLE TRAFFIC HOSPITALIZATIONS
TOTAL NUMBER OF HOSPITALIZATIONS AND AGE-SPECIFIC HOSPITALIZATION RATES
BY SEX AND RACE PENNSYLVANIA RESIDENTS, 2006**

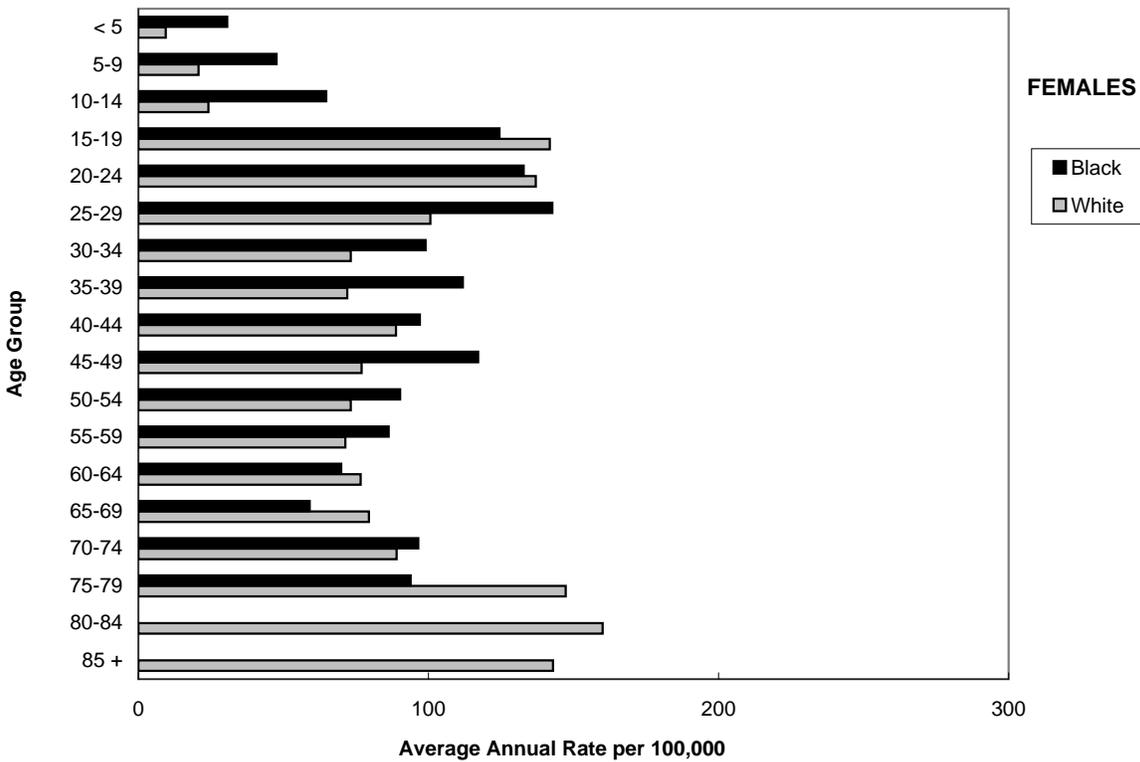
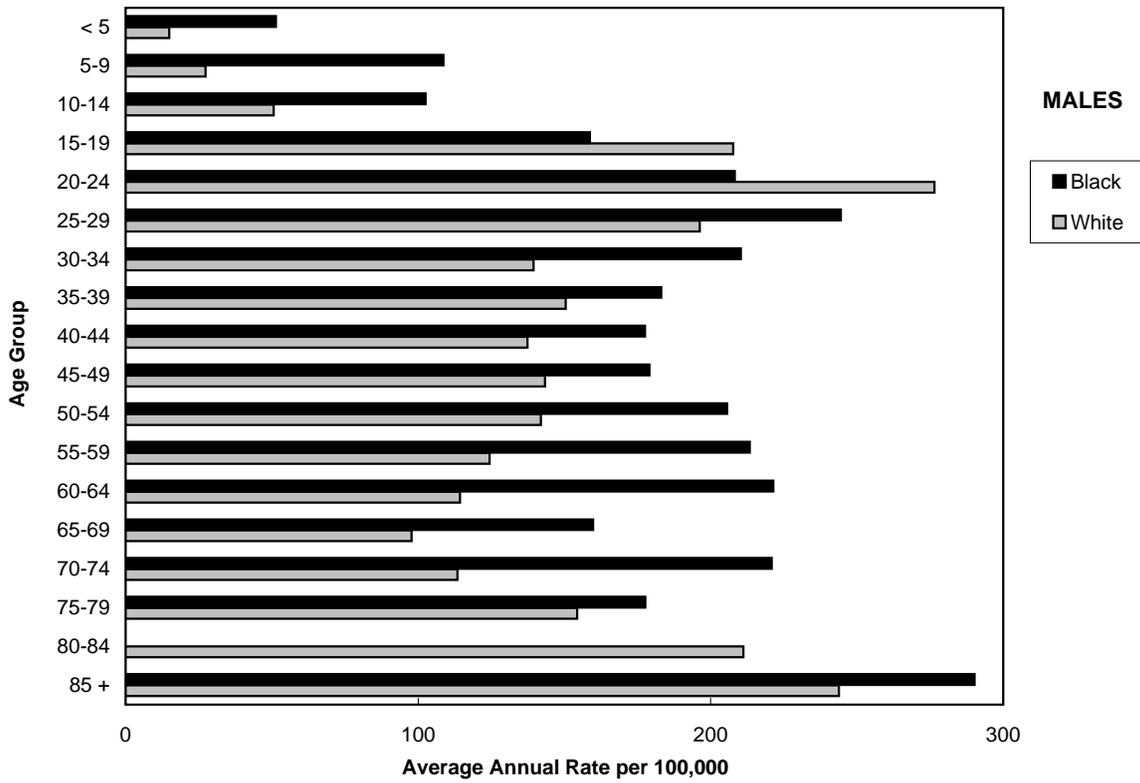
AGE GROUP	MALES						FEMALES					
	ALL RACES		WHITE		BLACK		ALL RACES		WHITE		BLACK	
	NO.	RATE	NO.	RATE	NO.	RATE	NO.	RATE	NO.	RATE	NO.	RATE
TOTAL	9,147	151.6	7,096	136.6	1,054	168.4	5,871	91.7	4,618	84.1	650	93.2
< 5	93	24.9	45	14.9	26	51.4	57	16.0	27	9.4	15	30.6
5-9	177	45.2	87	27.3	57	108.6	112	29.9	63	20.7	24	47.6
10-14	274	65.7	173	50.6	59	102.5	139	34.8	79	24.2	36	64.8
15-19	1,023	218.8	803	207.7	98	158.7	691	150.0	540	141.8	76	124.5
20-24	1,286	291.2	1,010	276.5	120	208.2	640	148.5	485	137.0	77	132.8
25-29	799	216.5	597	196.3	117	244.5	408	114.9	291	100.7	70	142.7
30-34	623	165.6	439	139.4	89	210.3	313	83.5	227	73.2	45	99.0
35-39	702	170.1	531	150.4	78	183.1	345	82.3	255	72.0	53	111.9
40-44	688	152.8	539	137.4	77	177.5	450	97.9	351	88.8	48	97.0
45-49	713	154.9	584	143.4	73	179.1	400	84.5	317	76.9	56	117.1
50-54	676	156.6	549	141.9	71	205.6	362	80.5	290	73.2	38	90.2
55-59	521	139.2	421	124.4	58	213.3	318	79.6	253	71.3	30	86.3
60-64	391	129.3	315	114.3	45	221.4	268	80.4	229	76.6	19	69.9
65-69	263	109.3	215	97.7	25	159.8	239	83.8	205	79.5	13	59.1
70-74	251	127.0	206	113.4	28	220.9	253	98.8	207	89.0	19	96.5
75-79	264	166.9	227	154.3	16	177.6	346	149.2	314	147.3	15	93.8
80-84	234	217.5	212	211.2	6	-	290	161.4	266	160.0	8	-
85 +	169	267.4	143	243.8	11	290.2	240	145.1	219	142.9	8	-

NOTES: Rates are per 100,000 population (2006) for each specified group.

Data based on ICD-9-CM codes.

See Technical Notes.

**UNINTENTIONAL MOTOR VEHICLE TRAFFIC HOSPITALIZATIONS
AGE-SPECIFIC HOSPITALIZATION RATES
BY SEX AND RACE, PENNSYLVANIA RESIDENTS, 2006**



UNINTENTIONAL MOTOR VEHICLE TRAFFIC HOSPITALIZATIONS
NUMBER OF HOSPITALIZATIONS, AGE-ADJUSTED HOSPITALIZATION RATES, 95 % CONFIDENCE INTERVALS,
AND SIGNIFICANCE TEST RESULTS, BY HEALTH DISTRICT, PENNSYLVANIA RESIDENTS, 2006

District/County	No.	Rate	CI (95%)	District/County	No.	Rate	CI (95%)
Northwest	1062	110.3	103.7-116.9 -	Southwest	3,281	118.9	114.8-123.0
Cameron	10	-		Allegheny	1,403	112.6	106.7-118.5
Clarion	60	138.6	103.5-173.7	Armstrong	83	129.9	101.9-157.8
Clearfield	144	169.9	142.2-197.7 +	Beaver	188	104.4	89.4-119.3
Crawford	123	139.1	114.5-163.7	Butler	236	128.1	111.8-144.4
Elk	46	145.4	103.4-187.5	Cambria	207	141.9	122.5-161.2 +
Erie	257	89.3	78.4-100.2 -	Fayette	154	106.1	89.3-122.8
Forest	8	-		Greene	19	-	
Jefferson	60	131.4	98.1-164.6	Indiana	118	138.1	113.2-163.0
Lawrence	111	114.8	93.4-136.1	Somerset	115	144.9	118.4-171.4 +
McKean	37	84.1	57.0-111.2 -	Washington	291	140.4	124.3-156.6 +
Mercer	120	95.6	78.5-112.7 -	Westmoreland	467	130.0	118.2-141.7
Venango	55	99.8	73.4-126.2				
Warren	31	75.2	48.7-101.6 -				
North Central	585	82.7	76.0-89.4 -	South Central	1,920	117.8	112.6-123.1
Bradford	58	94.9	70.5-119.3	Adams	94	93.2	74.4-112.1 -
Centre	81	59.1	46.2-72.0 -	Bedford	81	179.6	140.5-218.7 +
Clinton	47	128.7	91.9-165.5	Blair	229	183.7	159.9-207.5 +
Columbia	57	83.9	62.1-105.7 -	Cumberland	204	86.6	74.7-98.5 -
Lycoming	98	81.0	64.9-97.0 -	Dauphin	251	99.4	87.1-111.6 -
Montour	13	-		Franklin	152	107.8	90.7-124.9
Northumberland	100	113.6	91.3-135.8	Fulton	21	132.7	75.9-189.4
Potter	16	-		Huntingdon	87	182.3	144.0-220.7 +
Snyder	35	87.0	58.2-115.9 -	Juniata	34	146.2	97.0-195.3
Sullivan	13	-		Lebanon	157	124.6	105.1-144.0
Tioga	30	73.1	46.9-99.2 -	Mifflin	56	128.4	94.8-162.1
Union	37	82.5	55.9-109.1 -	Perry	94	214.5	171.1-257.9 +
				York	460	110.0	99.9-120.0
Northeast	2,240	141.3	135.5-147.2 +	Southeast	5,932	118.3	115.3-121.4
Carbon	122	193.9	159.5-228.3 +	Berks	457	113.8	103.4-124.2
Lackawanna	197	90.0	77.4-102.6 -	Bucks	635	103.7	95.6-111.7 -
Lehigh	571	170.4	156.5-184.4 +	Chester	410	85.5	77.2-93.8 -
Luzerne	427	132.2	119.6-144.7 +	Delaware	634	110.3	101.7-118.9
Monroe	260	157.3	138.1-176.4 +	Lancaster	669	134.2	124.0-144.3 +
Northampton	433	144.6	131.0-158.3 +	Montgomery	804	103.0	95.8-110.1 -
Pike	64	112.5	85.0-140.1	Philadelphia	2,044	139.0	132.9-145.0 +
Susquehanna	57	137.1	101.5-172.7	Schuylkill	279	185.4	163.7-207.2 +
Wayne	75	145.1	112.2-177.9				
Wyoming	34	123.4	81.9-164.9				
				Pennsylvania	15,020	118.2	116.3-120.1

NOTE: A+ or - after the confidence interval (CI) denotes if the county rate was significantly higher or lower than the state rate. No + or - after a CI denotes no significant difference. CIs were not calculated for rates based on less than 20 events due to unreliability.
 Data based on ICD-9-CM codes.
 See Technical Notes.

**UNINTENTIONAL MOTOR VEHICLE TRAFFIC HOSPITALIZATIONS
NUMBER OF HOSPITALIZATIONS, TOTAL AND BY SELECTED AGE GROUPS,
BY HEALTH DISTRICT, PENNSYLVANIA RESIDENTS, 2006**

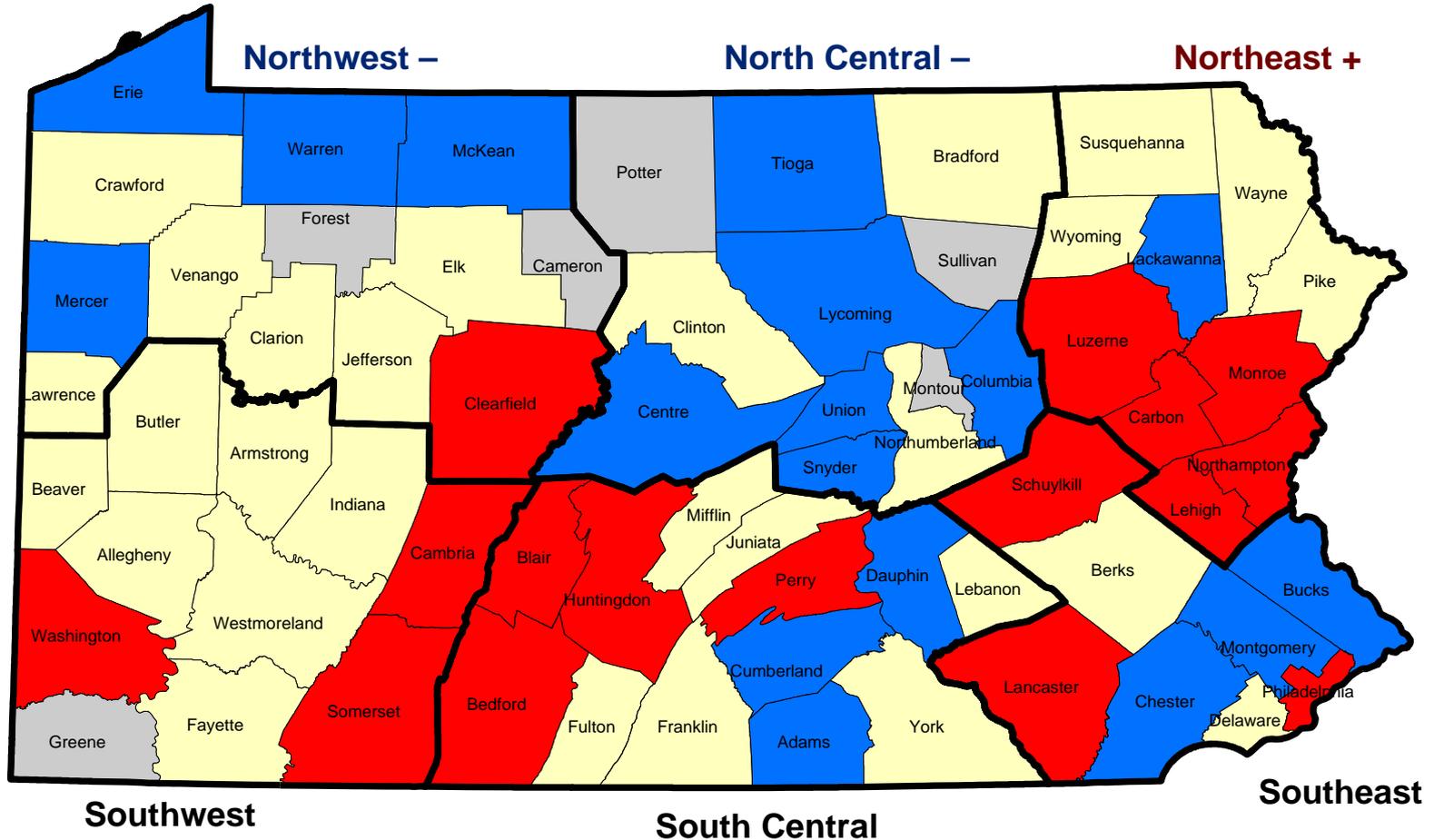
COUNTY	AGE AT HOSPITALIZATION (IN YEARS)			
	ALL AGES	< 20	20-64	65+
Pennsylvania	15,020	2,567	9,904	2,549
Northwest	1,062	157	720	185
Cameron	10	2	5	3
Clarion	60	10	43	7
Clearfield	144	15	104	25
Crawford	123	16	92	15
Elk	46	5	32	9
Erie	257	44	180	33
Forest	8	1	4	3
Jefferson	60	7	43	10
Lawrence	111	21	63	27
McKean	37	4	27	6
Mercer	120	20	65	35
Venango	55	11	39	5
Warren	31	1	23	7
North Central	585	113	375	97
Bradford	58	12	37	9
Centre	81	21	50	10
Clinton	47	6	31	10
Columbia	57	10	38	9
Lycoming	98	13	67	18
Montour	13	0	9	4
Northumberland	100	19	68	13
Potter	16	3	11	2
Snyder	35	10	14	11
Sullivan	13	1	12	0
Tioga	30	12	16	2
Union	37	6	22	9
Northeast	2,240	408	1,462	370
Carbon	122	14	88	20
Lackawanna	197	39	116	42
Lehigh	571	116	361	94
Luzerne	427	70	278	79
Monroe	260	58	167	35
Northampton	433	64	291	78
Pike	64	11	50	3
Susquehanna	57	12	40	5
Wayne	75	18	44	13
Wyoming	34	6	27	1

COUNTY	AGE AT HOSPITALIZATION (IN YEARS)			
	ALL AGES	< 20	20-64	65+
Southwest	3,281	477	2,254	550
Allegheny	1,403	217	938	248
Armstrong	83	16	57	10
Beaver	188	21	135	32
Butler	236	29	163	44
Cambria	207	33	145	29
Fayette	154	19	106	29
Greene	19	3	16	0
Indiana	118	16	84	18
Somerset	115	20	74	21
Washington	291	44	204	43
Westmoreland	467	59	332	76
South Central	1,920	393	1,222	305
Adams	94	19	59	16
Bedford	81	21	50	10
Blair	229	54	146	29
Cumberland	204	38	125	41
Dauphin	251	48	165	38
Franklin	152	32	88	32
Fulton	21	6	13	2
Huntingdon	87	16	57	14
Juniata	34	9	19	6
Lebanon	157	35	95	27
Mifflin	56	8	41	7
Perry	94	27	63	4
York	460	80	301	79
Southeast	5,932	1,019	3,871	1,042
Berks	457	80	293	84
Bucks	635	101	413	121
Chester	410	63	286	61
Delaware	634	99	406	129
Lancaster	669	128	426	115
Montgomery	804	112	496	196
Philadelphia	2,044	393	1,373	278
Schuylkill	279	43	178	58

NOTE: * Unknowns included in totals.
Data based on ICD-9-CM codes.
See Technical Notes.

**AGE-ADJUSTED HOSPITALIZATION RATES AND SIGNIFICANCE TEST RESULTS
BY COUNTY AND PA HEALTH DISTRICT, PENNSYLVANIA RESIDENTS, 2006**

Unintentional MVT Hospitalizations



Legend

- Rate Significantly Lower than PA
- Rate Significantly Higher than PA
- No Significant Difference from PA
- Rate Not Calculated (< 20 events)

If the district rate was significantly higher or lower than the state rate, a + or - follows the name. No sign indicates no significant difference.

UNINTENTIONAL FALL-RELATED HOSPITALIZATIONS

- Unintentional fall-related hospitalizations include all hospitalizations due to falls, excluding falls from burning structures, falls involving machinery or vehicles and falls into water where drowning is the primary cause of hospitalization. (See Technical notes.)
- The number of hospitalizations due to unintentional falls was 63,307 in 2006 – 4,931 more hospitalizations than the 58,376 reported for 2001. The annual age-adjusted hospitalization rate rose from 2002-2003 and then remained relatively stable before increasing again from 2005-2006.
- White females consistently had higher annual age-adjusted hospitalization rates than the other race/sex groups between 2002 and 2006. In 2006, the age-adjusted rate for white females was 441.5 per 100,000. The second highest rate occurred among black males (407.2) followed by white males (390.7) and black females (331.9).
- In 2006, as in previous years, the age-specific hospitalization rates rose sharply with age among all four sex/race groups, especially after age 50.
- Males had the highest age-specific hospitalizations rates among those under 55 while females had the highest age-specific rates for those ages 55 and older.
- Thirty-five percent of the female falls hospitalizations occurred among those aged 85 and older during 2006, compared to the 19 percent of falls hospitalizations this age group comprised among males.
- Two-thirds of the 63,307 hospitalizations due to unintentional falls during 2006 were among residents aged 70 and older.
- Only four percent of all falls hospitalizations in 2006 occurred among residents younger than 20 years of age.
- Fifteen counties had average annual age-adjusted hospitalization rates for 2006 that were significantly higher than the corresponding state rate.
- Thirty counties had average annual age-adjusted hospitalization rates for 2006 that were significantly lower than the corresponding state rate.

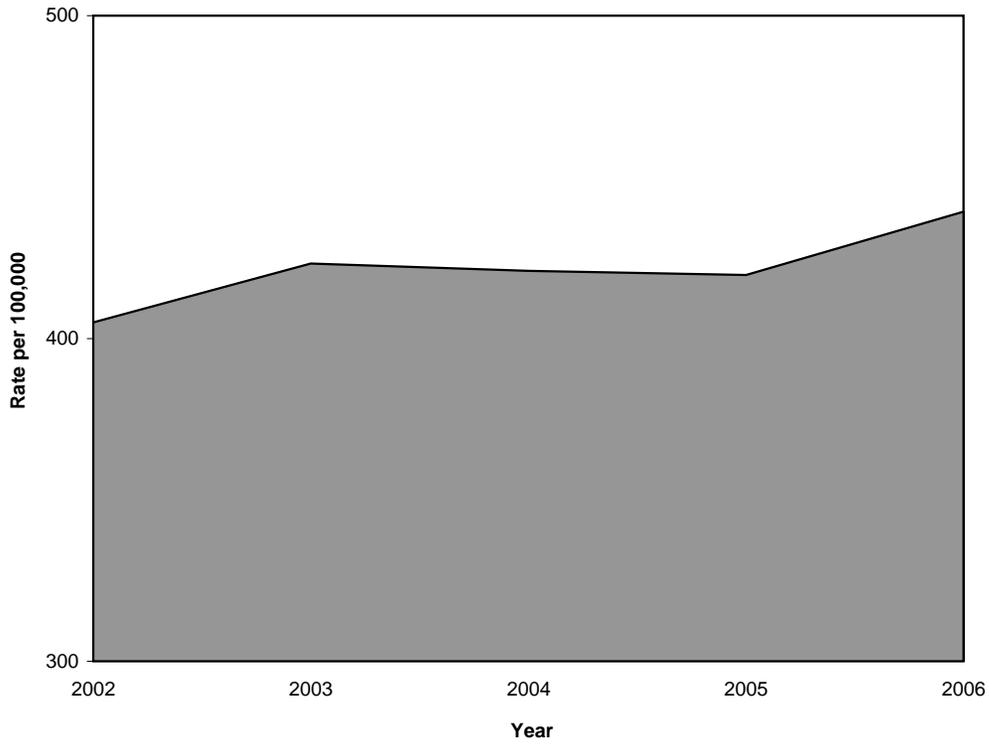
**HIGHEST AGE-ADJUSTED HOSPITALIZATION RATES:
White females**

**HIGHEST AGE-SPECIFIC HOSPITALIZATION RATES:
Elderly residents (age 70+)**

**UNINTENTIONAL FALL-RELATED HOSPITALIZATIONS
TOTAL NUMBER OF HOSPITALIZATIONS AND
AGE-ADJUSTED HOSPITALIZATION RATES
PENNSYLVANIA RESIDENTS, 2002-2006**

Year	No.	Rate
2002	58,376	405.0
2003	61,661	423.2
2004	62,056	420.9
2005	62,679	419.7
2006	63,307	439.3

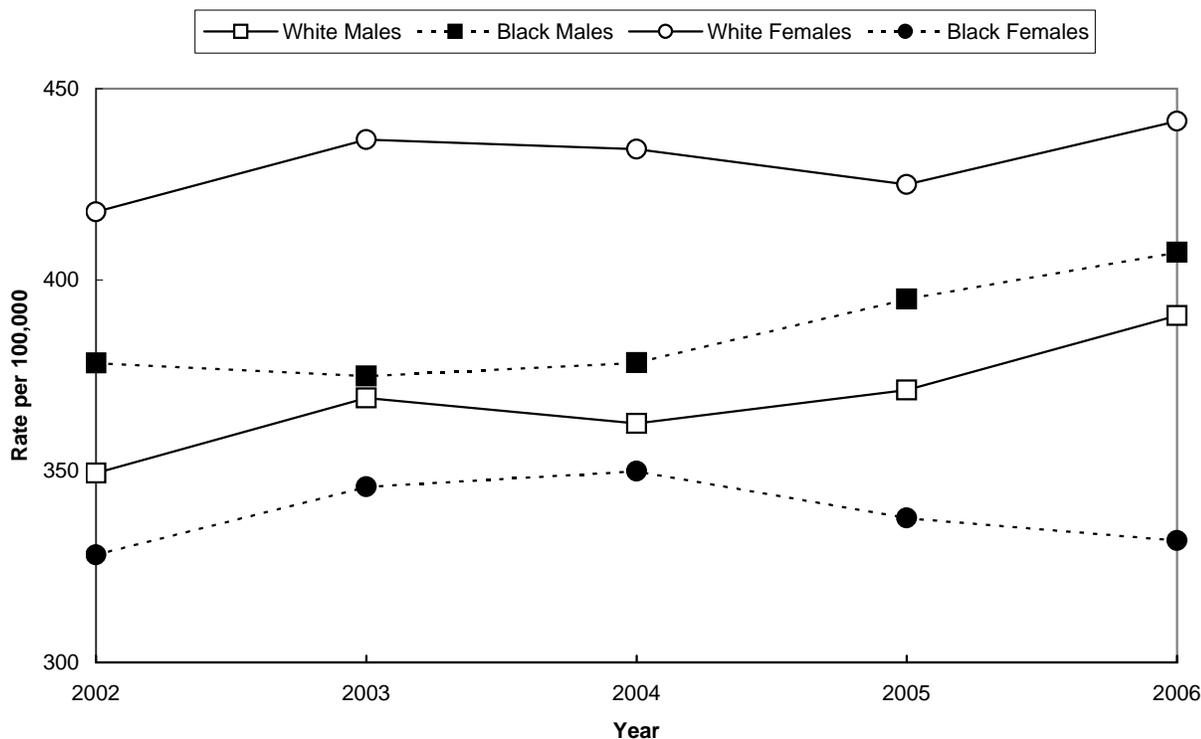
NOTES: Age-adjusted rates are computed by the direct method using the 2000 standard million population. Rates are per 100,000.
Data for 2002-2006 based on ICD-9-CM codes.
See Technical Notes.



UNINTENTIONAL FALL-RELATED HOSPITALIZATIONS
TOTAL NUMBER OF HOSPITALIZATIONS AND AGE-ADJUSTED HOSPITALIZATION RATES
BY SEX AND RACE PENNSYLVANIA RESIDENTS, 2002-2006

Year	Males						Females					
	All Races		White		Black		All Races		White		Black	
	No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate
2002	20,569	362.4	17,986	349.5	1,728	378.3	37,804	420.4	34,830	417.8	2,055	328.1
2003	22,047	382.1	19,267	369.1	1,776	374.9	39,612	439.3	36,397	436.7	2,217	345.9
2004	22,228	379.1	19,276	362.5	1,806	378.4	39,824	438.8	36,394	434.2	2,277	350.0
2005	23,058	388.5	19,979	371.2	1,911	395.0	39,617	429.8	36,209	425.0	2,224	337.8
2006	23,248	409.5	19,949	390.7	1,958	407.2	40,058	448.0	36,259	441.5	2,197	331.9

NOTES: Age-Adjusted rates are computed by the direct method using the 2000 U.S. standard million population. Rates are per 100,000.
 Data for 2002-2006 based on ICD-9-CM codes.
 See Technical Notes.



**FALL-RELATED HOSPITALIZATIONS
TOTAL NUMBER OF HOSPITALIZATIONS AND AGE-SPECIFIC HOSPITALIZATION RATES
BY SEX AND RACE PENNSYLVANIA RESIDENTS, 2006**

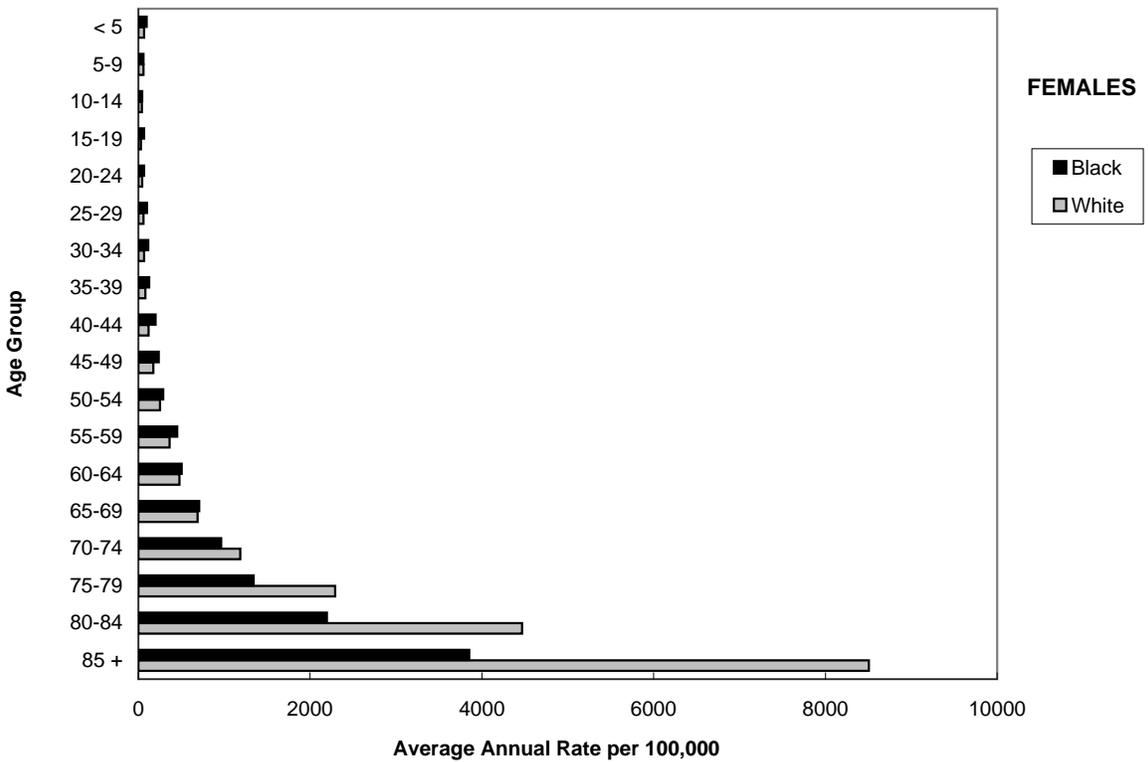
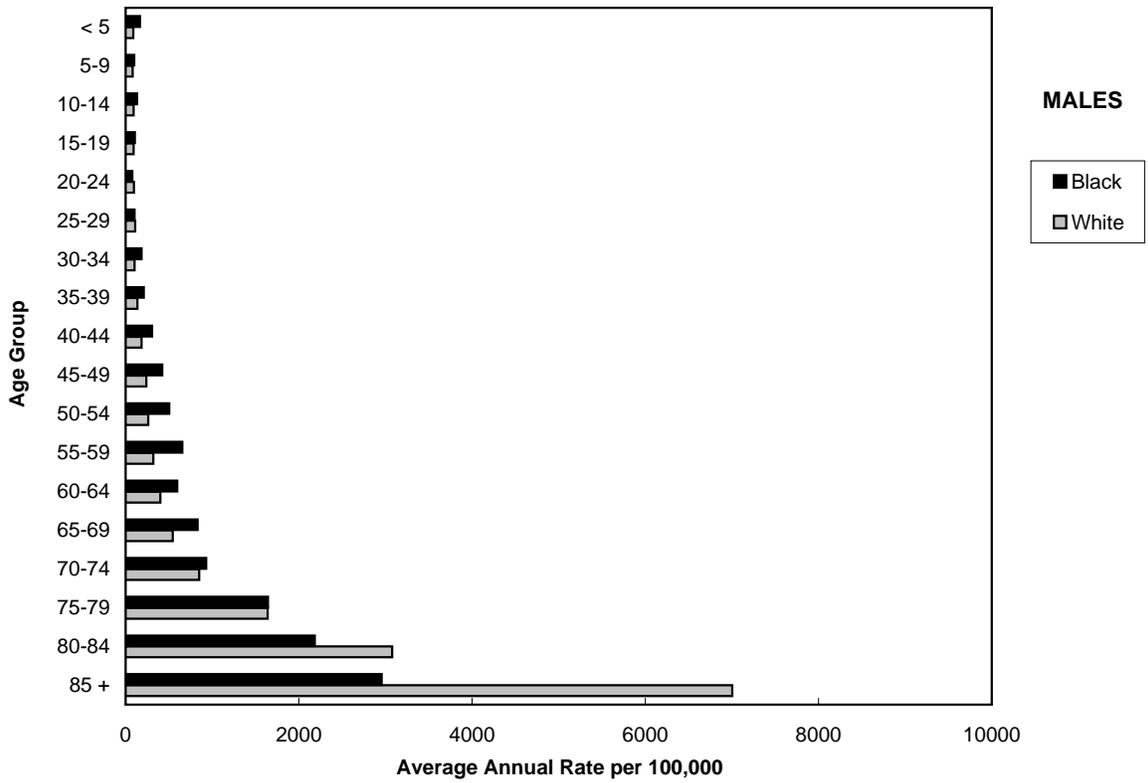
AGE GROUP	MALES						FEMALES					
	ALL RACES		WHITE		BLACK		ALL RACES		WHITE		BLACK	
	NO.	RATE	NO.	RATE	NO.	RATE	NO.	RATE	NO.	RATE	NO.	RATE
TOTAL	23,248	385.2	19,949	384.0	1,958	312.8	40,058	625.4	36,259	660.7	2,197	315.1
< 5	442	118.2	272	89.9	83	164.2	288	80.7	193	67.0	48	98.0
5-9	342	87.3	257	80.6	53	101.0	244	65.2	181	59.6	30	59.5
10-14	433	103.9	317	92.8	76	132.0	164	41.0	129	39.5	25	45.0
15-19	471	100.7	362	93.7	66	106.9	171	37.1	113	29.7	41	67.1
20-24	440	99.6	350	95.8	45	78.1	226	52.5	160	45.2	38	65.6
25-29	439	119.0	336	110.5	50	104.5	248	69.8	171	59.1	50	101.9
30-34	458	121.7	323	102.6	78	184.3	287	76.6	205	66.1	53	116.5
35-39	620	150.3	478	135.4	89	209.0	372	88.8	291	82.1	59	124.6
40-44	928	206.2	728	185.6	133	306.6	604	131.4	467	118.2	99	200.1
45-49	1,244	270.3	977	239.9	173	424.6	891	188.3	726	176.0	114	238.4
50-54	1,252	289.9	1,012	261.6	174	503.8	1,187	263.8	998	251.8	122	289.5
55-59	1,349	360.5	1,081	319.3	178	654.7	1,533	383.8	1,296	365.0	157	451.9
60-64	1,300	429.8	1,108	402.1	121	595.3	1,649	494.5	1,430	478.1	137	504.3
65-69	1,404	583.7	1,197	543.8	130	831.0	2,020	708.5	1,784	691.5	156	709.3
70-74	1,735	878.1	1,540	847.9	118	931.1	3,070	1,198.3	2,761	1,186.6	190	965.0
75-79	2,670	1,687.9	2,415	1,641.0	148	1,643.2	5,268	2,271.9	4,889	2,293.1	215	1,343.8
80-84	3,337	3,101.7	3,088	3,075.7	131	2,183.0	7,944	4,420.8	7,433	4,469.7	257	2,196.6
85 +	4,384	6,937.3	4,108	7,003.3	112	2,954.4	13,892	8,397.9	13,032	8,504.7	406	3,851.6

NOTES: Rates are per 100,000 population (2006) for each specified group.

Data based on ICD-9-CM codes.

See Technical Notes.

**UNINTENTIONAL FALL-RELATED HOSPITALIZATIONS
AGE-SPECIFIC HOSPITALIZATION RATES
BY SEX AND RACE, PENNSYLVANIA RESIDENTS, 2006**



UNINTENTIONAL FALL-RELATED HOSPITALIZATIONS
NUMBER OF HOSPITALIZATIONS, AGE-ADJUSTED HOSPITALIZATION RATES, 95 % CONFIDENCE INTERVALS,
AND SIGNIFICANCE TEST RESULTS, BY HEALTH DISTRICT, PENNSYLVANIA RESIDENTS, 2006

District/County	No.	Rate	CI (95%)	District/County	No.	Rate	CI (95%)
Northwest	4,709	412.4	400.6-424.2 -	Southwest	16,734	470.1	463.0-477.2 +
Cameron	34	422.0	280.1-563.8	Allegheny	8,001	496.3	485.4-507.2 +
Clarion	181	370.9	316.9-425.0 -	Armstrong	400	442.0	398.7-485.3
Clearfield	380	370.4	333.2-407.7 -	Beaver	852	362.1	337.8-386.4 -
Crawford	455	433.8	394.0-473.7	Butler	916	438.0	409.6-466.3
Elk	199	450.0	387.5-512.6	Cambria	1,008	493.7	463.2-524.1 +
Erie	1,155	373.9	352.3-395.4 -	Fayette	838	438.0	408.4-467.7
Forest	45	592.5	419.4-765.6	Greene	160	341.8	288.9-394.8 -
Jefferson	241	410.6	358.8-462.4	Indiana	453	421.5	382.7-460.4
Lawrence	631	496.0	457.3-534.7 +	Somerset	474	453.6	412.8-494.4
McKean	244	454.3	397.3-511.3	Washington	1,262	479.5	453.0-505.9 +
Mercer	720	462.2	428.5-496.0	Westmoreland	2,370	492.1	472.2-511.9 +
Venango	261	384.3	337.7-431.0 -				
Warren	163	312.6	264.6-360.6 -				
North Central	2,516	324.9	312.2-337.6 -	South Central	6,554	366.5	357.7-375.4 -
Bradford	261	351.5	308.9-394.1 -	Adams	303	275.6	244.5-306.6 -
Centre	409	351.8	317.7-385.9 -	Bedford	192	312.5	268.3-356.8 -
Clinton	175	397.1	338.2-455.9	Blair	664	424.9	392.6-457.2
Columbia	211	283.5	245.2-321.7 -	Cumberland	968	392.1	367.4-416.8 -
Lycoming	377	269.8	242.6-297.1 -	Dauphin	935	336.8	315.2-358.4 -
Montour	98	446.2	357.9-534.6	Franklin	610	368.8	339.6-398.1 -
Northumberland	512	407.7	372.4-443.0	Fulton	72	427.4	328.6-526.1
Potter	66	282.9	214.7-351.2 -	Huntingdon	171	336.2	285.8-386.6 -
Snyder	120	287.3	235.9-338.7 -	Juniata	74	270.9	209.2-332.7 -
Sullivan	40	376.5	259.8-493.2	Lebanon	517	350.7	320.4-380.9 -
Tioga	93	182.5	145.4-219.6 -	Mifflin	229	400.6	348.7-452.5
Union	154	351.0	295.6-406.5 -	Perry	168	365.8	310.5-421.1 -
				York	1,651	393.7	374.7-412.7 -
Northeast	8,546	467.1	457.2-477.0 +	Southeast	24,248	455.2	449.5-461.0 +
Carbon	399	537.8	485.0-590.5 +	Berks	1,666	385.6	367.1-404.1 -
Lackawanna	1,443	510.7	484.4-537.1 +	Bucks	2,876	480.4	462.8-497.9 +
Lehigh	1,751	468.2	446.3-490.1 +	Chester	1,851	422.7	403.4-442.0
Luzerne	2,033	475.3	454.6-496.0 +	Delaware	3,368	529.1	511.2-547.0 +
Monroe	333	228.5	204.0-253.0 -	Lancaster	1,910	369.8	353.2-386.4 -
Northampton	1,892	581.8	555.6-608.1 +	Montgomery	4,080	469.5	455.1-483.9 +
Pike	79	130.9	102.0-159.8 -	Philadelphia	7,503	484.9	474.0-495.9 +
Susquehanna	190	367.0	314.9-419.2 -	Schuylkill	994	504.0	472.6-535.3 +
Wayne	284	470.9	416.1-525.7				
Wyoming	142	498.0	416.1-579.9				
				Pennsylvania	63,307	439.3	435.9-442.7

NOTE: A+ or - after the confidence interval (CI) denotes if the county rate was significantly higher or lower than the state rate. No + or - after a CI denotes no significant difference. CIs were not calculated for rates based on less than 20 events due to unreliability.
 Data based on ICD-9-CM codes.
 See Technical Notes.

**UNINTENTIONAL FALL-RELATED HOSPITALIZATIONS
NUMBER OF HOSPITALIZATIONS, TOTAL AND BY SELECTED AGE GROUPS,
BY HEALTH DISTRICT, PENNSYLVANIA RESIDENTS, 2006**

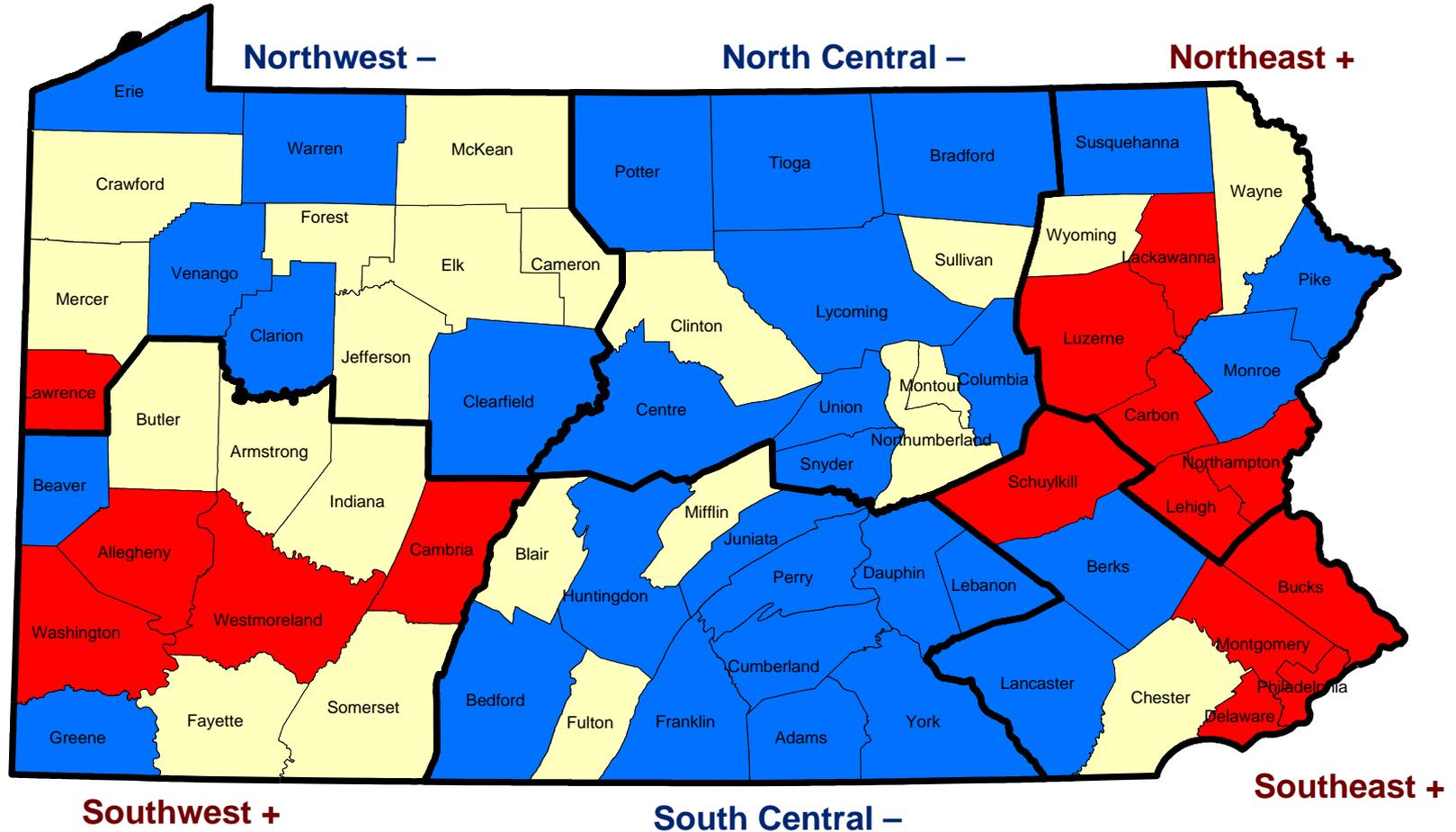
COUNTY	AGE AT HOSPITALIZATION (IN YEARS)			
	ALL AGES	< 20	20-64	65+
Pennsylvania	63,307	2,555	15,028	45,724
Northwest	4,709	154	1,007	3,548
Cameron	34	0	7	27
Clarion	181	4	37	140
Clearfield	380	13	102	265
Crawford	455	14	122	319
Elk	199	3	38	158
Erie	1,155	42	256	857
Forest	45	2	9	34
Jefferson	241	5	43	193
Lawrence	631	25	102	504
McKean	244	7	59	178
Mercer	720	24	119	577
Venango	261	9	69	183
Warren	163	6	44	113
North Central	2,516	101	540	1,875
Bradford	261	12	56	193
Centre	409	18	96	295
Clinton	175	9	36	130
Columbia	211	11	54	146
Lycoming	377	21	88	268
Montour	98	2	18	78
Northumberland	512	18	105	389
Potter	66	0	15	51
Snyder	120	3	19	98
Sullivan	40	1	4	35
Tioga	93	2	24	67
Union	154	4	25	125
Northeast	8,546	374	1,969	6,203
Carbon	399	14	81	304
Lackawanna	1,443	45	332	1,066
Lehigh	1,751	98	385	1,268
Luzerne	2,033	55	429	1,549
Monroe	333	36	125	172
Northampton	1,892	95	423	1,374
Pike	79	10	28	41
Susquehanna	190	6	46	138
Wayne	284	11	82	191
Wyoming	142	4	38	100

COUNTY	AGE AT HOSPITALIZATION (IN YEARS)			
	ALL AGES	< 20	20-64	65+
Southwest	16,734	455	3,642	12,637
Allegheny	8,001	228	1,816	5,957
Armstrong	400	12	87	301
Beaver	852	21	187	644
Butler	916	28	195	693
Cambria	1,008	24	239	745
Fayette	838	26	180	632
Greene	160	2	32	126
Indiana	453	13	89	351
Somerset	474	14	89	371
Washington	1,262	26	267	969
Westmoreland	2,370	61	461	1,848
South Central	6,554	250	1,525	4,779
Adams	303	14	68	221
Bedford	192	4	46	142
Blair	664	19	166	479
Cumberland	968	29	199	740
Dauphin	935	60	267	608
Franklin	610	16	108	486
Fulton	72	0	18	54
Huntingdon	171	3	49	119
Juniata	74	3	13	58
Lebanon	517	29	101	387
Mifflin	229	8	49	172
Perry	168	7	53	108
York	1,651	58	388	1,205
Southeast	24,248	1,221	6,345	16,682
Berks	1,666	73	405	1,188
Bucks	2,876	166	708	2,002
Chester	1,851	65	456	1,330
Delaware	3,368	120	765	2,483
Lancaster	1,910	114	450	1,346
Montgomery	4,080	183	875	3,022
Philadelphia	7,503	462	2,462	4,579
Schuylkill	994	38	224	732

NOTE: * Unknowns included in totals.
Data based on ICD-9-CM codes.
See Technical Notes.

AGE-ADJUSTED HOSPITALIZATION RATES AND SIGNIFICANCE TEST RESULTS
BY COUNTY AND PA HEALTH DISTRICT, PENNSYLVANIA RESIDENTS, 2006

Unintentional Fall Hospitalizations



Legend

- Blue: Rate Significantly Lower than PA
- Red: Rate Significantly Higher than PA
- Yellow: No Significant Difference from PA

If the district rate was significantly higher or lower than the state rate, a + or - follows the name. No sign indicates no significant difference.

POISONING HOSPITALIZATIONS

- Poisoning hospitalizations includes all hospitalizations of unintentional, intentional and undetermined intent caused by exposure to drugs, medicinal substances, alcohol, organic solvents, gases and vapors, pesticides and certain other chemicals. (See Technical notes.)
- The number of poisoning hospitalizations has generally been on the increase since 2002. There were 17,579 hospitalizations in 2006, 27 percent more than the 13,836 that were reported for 2002. The 2006 number and age-adjusted rate (142.4 per 100,000) of poisoning hospitalizations were the highest recorded during this five-year period.
- The rates for black males have remained the highest rates among the four sex/race groups. However, the age-adjusted hospitalization rates for all four race/sex groups have been on the increase between 2002 and 2006.
- The 2006 age-adjusted hospitalization rate for black males was 369.0 per 100,000. In comparison, the second highest 2006 rate was among black females at 222.7, followed by white females, 126.8, and white males, 112.9.
- The average annual age-specific hospitalization rates for 2006 were highest for black males in age groups 25 and older. Females had the highest rates for ages 10-24.
- The highest age-specific hospitalization rate for black males was 920.3 per 100,000 for those aged 45-49. In comparison, the highest rate for black females was 481.1 (ages 40-44); for white females, 212.1 (ages 40-44); and for white males 184.5 (ages 25-29).
- The vast majority of poisoning hospitalizations during 2006 occurred among those aged 20-54 years. They accounted for 12,312, or 70 percent, of the 17,579 hospitalizations reported.
- Eleven counties had average annual age-adjusted hospitalization rates for 2006 that were significantly higher than the corresponding state rate.
- Thirty-two counties had average annual age-adjusted hospitalization rates for 2006 that were significantly lower than the corresponding state rate.

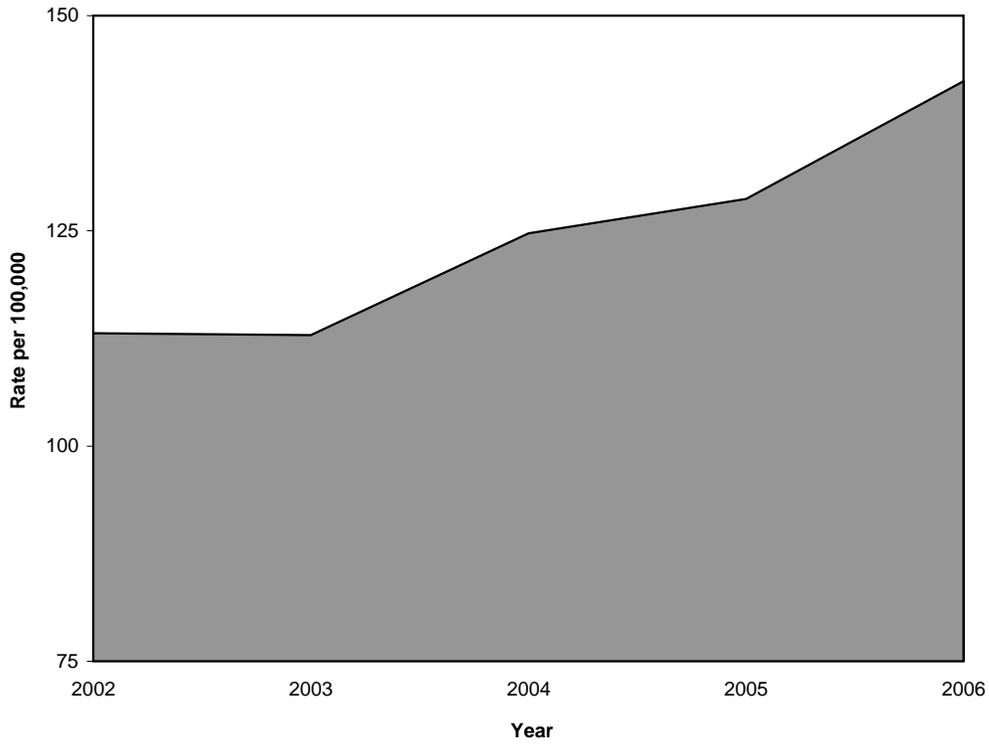
**HIGHEST AGE-ADJUSTED HOSPITALIZATION RATES:
Black males**

**HIGHEST AGE-SPECIFIC HOSPITALIZATION RATES:
Black males and females ages 25-54**

**POISONING HOSPITALIZATIONS
TOTAL NUMBER OF HOSPITALIZATIONS AND
AGE-ADJUSTED HOSPITALIZATION RATES
PENNSYLVANIA RESIDENTS, 2002-2006**

Year	No.	Rate
2002	13,836	113.1
2003	13,862	112.9
2004	15,374	124.7
2005	15,873	128.7
2006	17,579	142.4

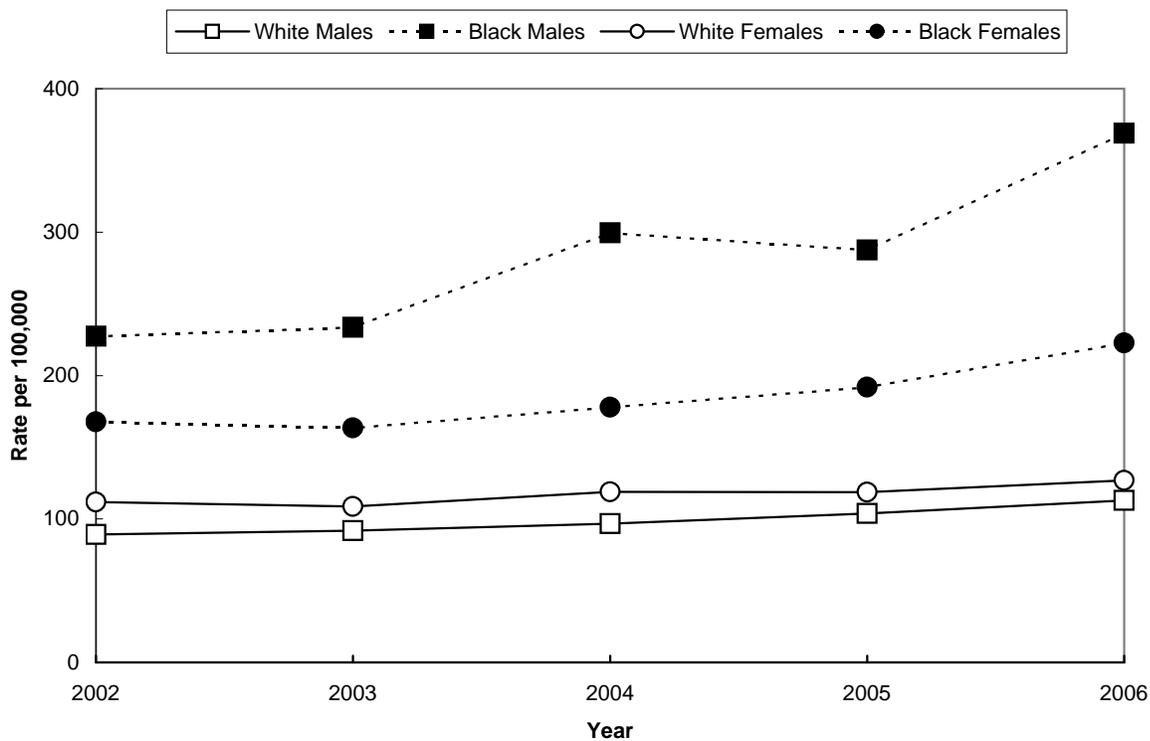
NOTES: Age-adjusted rates are computed by the direct method using the 2000 standard million population. Rates are per 100,000.
Data for 2002-2006 based on ICD-9-CM codes.
See Technical Notes.



POISONING HOSPITALIZATIONS
TOTAL NUMBER OF HOSPITALIZATIONS AND AGE-ADJUSTED HOSPITALIZATION RATES
BY SEX AND RACE PENNSYLVANIA RESIDENTS, 2002-2006

Year	Males						Females					
	All Races		White		Black		All Races		White		Black	
	No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate
2002	6,216	104.7	4,591	89.2	1,252	227.3	7,620	121.5	6,076	111.9	1,096	167.7
2003	6,423	107.6	4,747	91.9	1,314	233.6	7,439	118.1	5,929	108.8	1,077	163.5
2004	7,235	120.6	5,045	96.7	1,703	299.5	8,139	129.2	6,470	118.9	1,178	177.9
2005	7,598	126.4	5,416	103.8	1,648	287.5	8,275	131.3	6,475	118.8	1,282	191.8
2006	8,637	143.3	5,869	112.9	2,104	369.0	8,942	141.8	6,873	126.8	1,490	222.7

NOTES: Age-Adjusted rates are computed by the direct method using the 2000 U.S. standard million population. Rates are per 100,000.
 Data for 2002-2006 based on ICD-9-CM codes.
 See Technical Notes.



POISONING HOSPITALIZATIONS
TOTAL NUMBER OF HOSPITALIZATIONS AND AGE-SPECIFIC HOSPITALIZATION RATES
BY SEX AND RACE PENNSYLVANIA RESIDENTS, 2006

AGE GROUP	MALES						FEMALES					
	ALL RACES		WHITE		BLACK		ALL RACES		WHITE		BLACK	
	NO.	RATE	NO.	RATE	NO.	RATE	NO.	RATE	NO.	RATE	NO.	RATE
TOTAL***	8,637	143.1	5,869	113.0	2,104	336.1	8,942	139.6	6,873	125.2	1,490	213.7
< 5	227	60.7	109	36.0	86	170.1	169	47.3	73	25.4	63	128.7
5-9	36	9.2	10	3.1	15	28.6	39	10.4	19	6.3	14	27.8
10-14	65	15.6	40	11.7	19	33.0	133	33.3	89	27.2	26	46.8
15-19	562	120.2	463	119.8	54	87.5	730	158.5	566	148.6	93	152.3
20-24	837	189.5	671	183.7	94	163.1	807	187.3	660	186.5	92	158.7
25-29	771	208.9	561	184.5	129	269.6	750	211.1	590	204.1	100	203.8
30-34	762	202.5	519	164.8	173	408.7	683	182.3	527	169.9	108	237.5
35-39	861	208.7	562	159.2	221	518.9	960	229.1	695	196.2	200	422.4
40-44	1,108	246.1	697	177.7	328	756.1	1,137	247.3	838	212.1	238	481.1
45-49	1,057	229.7	628	154.2	375	920.3	1,061	224.2	807	195.7	197	412.0
50-54	814	188.5	476	123.0	301	871.6	704	156.5	524	132.2	152	360.6
55-59	535	143.0	350	103.4	152	559.0	406	101.7	328	92.4	63	181.3
60-64	280	92.6	202	73.3	57	280.4	276	82.8	220	73.6	36	132.5
65-69	181	75.3	131	59.5	40	255.7	206	72.3	178	69.0	20	90.9
70-74	159	80.5	125	68.8	27	213.1	223	87.0	187	80.4	27	137.1
75-79	144	91.0	121	82.2	13	144.3	205	88.4	178	83.5	22	137.5
80-84	146	135.7	123	122.5	11	183.3	243	135.2	208	125.1	25	213.7
85 +	92	145.6	81	138.1	9	-	210	126.9	186	121.4	14	132.8

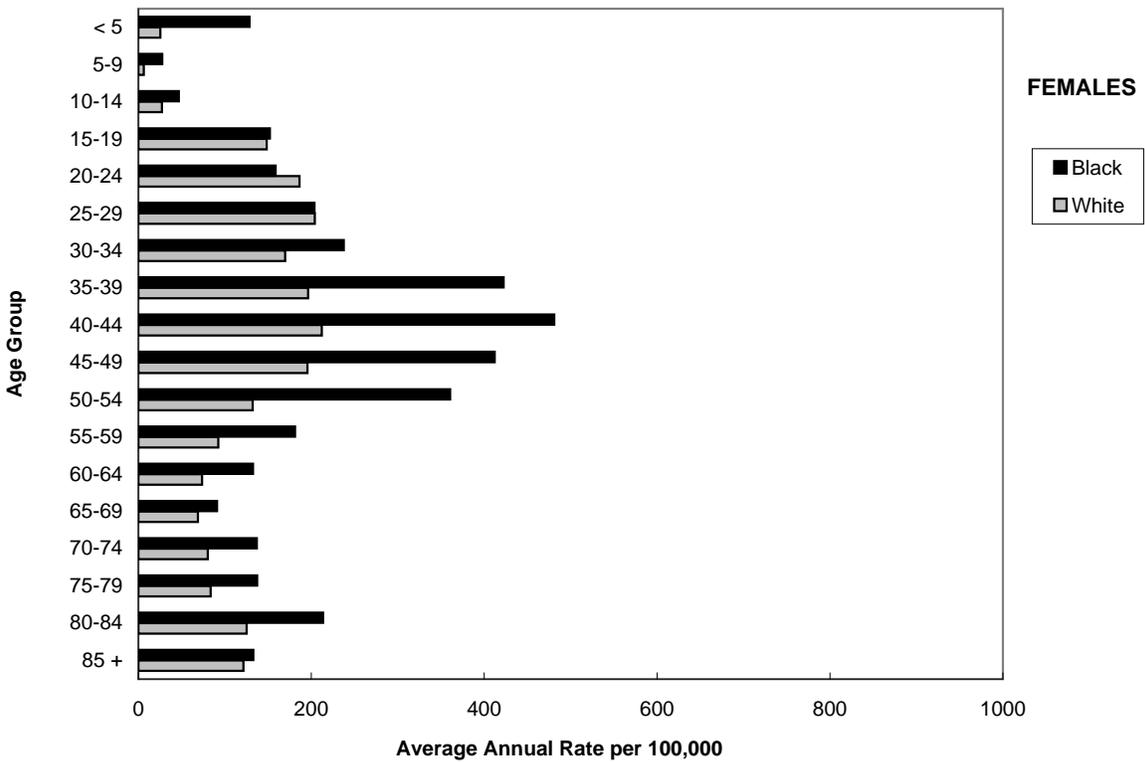
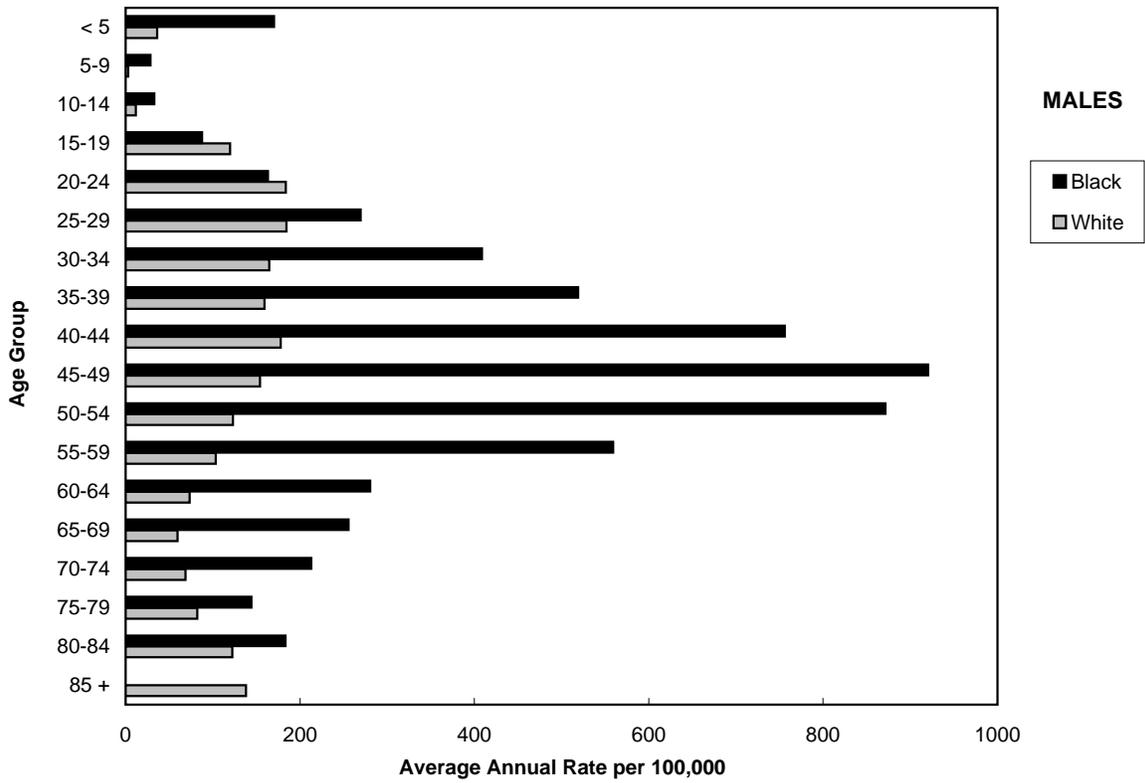
*** Unknowns included in totals.

NOTES: Rates are per 100,000 population for each specified group.

Data based on ICD-9-CM codes.

See Technical Notes.

**POISONING HOSPITALIZATIONS
AGE-SPECIFIC HOSPITALIZATION RATES
BY SEX AND RACE, PENNSYLVANIA RESIDENTS, 2006**



POISONING HOSPITALIZATIONS

**NUMBER OF HOSPITALIZATIONS, AGE-ADJUSTED HOSPITALIZATION RATES, 95 % CONFIDENCE INTERVALS,
AND SIGNIFICANCE TEST RESULTS, BY HEALTH DISTRICT, PENNSYLVANIA RESIDENTS, 2006**

District/County	No.	Rate	CI (95%)	District/County	No.	Rate	CI (95%)
Northwest	1,302	143.0	135.3-150.8	Southwest	3,388	125.7	121.5-129.9 -
Cameron	5	-		Allegheny	1,453	118.9	112.8-125.0 -
Clarion	18	-		Armstrong	69	106.8	81.6-132.0 -
Clearfield	116	146.1	119.5-172.7	Beaver	257	151.6	133.1-170.1
Crawford	119	136.0	111.5-160.4	Butler	146	80.0	67.0-92.9 -
Elk	49	160.5	115.6-205.5	Cambria	337	235.4	210.3-260.5 +
Erie	420	152.6	138.0-167.2	Fayette	183	133.2	113.9-152.5
Forest	7	-		Greene	39	98.8	67.8-129.8 -
Jefferson	43	92.9	65.1-120.7 -	Indiana	116	135.8	111.1-160.6
Lawrence	160	186.8	157.9-215.8 +	Somerset	94	119.6	95.4-143.7
McKean	54	119.3	87.5-151.2	Washington	255	126.6	111.0-142.1 -
Mercer	187	166.4	142.6-190.3 +	Westmoreland	439	122.6	111.1-134.1 -
Venango	94	184.3	147.1-221.6 +				
Warren	30	72.7	46.7-98.8 -				
North Central	657	96.9	89.5-104.3 -	South Central	1,721	107.6	102.5-112.7 -
Bradford	76	127.6	98.9-156.3	Adams	59	58.2	43.4-73.1 -
Centre	138	104.6	87.2-122.1 -	Bedford	29	63.2	40.2-86.2 -
Clinton	29	79.2	50.4-108.1 -	Blair	211	171.7	148.5-194.9 +
Columbia	70	112.5	86.1-138.8 -	Cumberland	202	89.4	77.1-101.8 -
Lycoming	94	79.1	63.1-95.0 -	Dauphin	307	119.9	106.5-133.3 -
Montour	37	224.6	152.2-296.9 +	Franklin	130	95.1	78.8-111.5 -
Northumberland	138	154.0	128.3-179.7	Fulton	9	-	
Potter	7	-		Huntingdon	46	96.6	68.7-124.5 -
Snyder	29	71.9	45.7-98.0 -	Juniata	12	-	
Sullivan	5	-		Lebanon	88	70.7	55.9-85.4 -
Tioga	15	-		Mifflin	55	130.0	95.7-164.4
Union	19	-		Perry	43	98.1	68.8-127.4 -
				York	530	128.0	117.1-138.9 -
Northeast	2,035	132.4	126.6-138.1 -	Southeast	8,476	172.7	169.0-176.4 +
Carbon	138	231.7	193.1-270.4 +	Berks	421	106.0	95.8-116.1 -
Lackawanna	296	145.0	128.5-161.5	Bucks	754	124.6	115.7-133.5 -
Lehigh	484	146.0	133.0-159.0	Chester	362	75.7	67.9-83.5 -
Luzerne	341	109.4	97.8-121.0 -	Delaware	990	176.9	165.8-187.9 +
Monroe	165	103.0	87.3-118.7 -	Lancaster	440	91.0	82.5-99.5 -
Northampton	463	160.0	145.4-174.5 +	Montgomery	845	109.2	101.8-116.5 -
Pike	23	44.9	26.5-63.2 -	Philadelphia	4,384	315.6	306.2-324.9 +
Susquehanna	44	107.5	75.8-139.3 -	Schuylkill	280	194.8	172.0-217.7 +
Wayne	45	84.8	60.0-109.6 -				
Wyoming	36	135.9	91.5-180.3				
				Pennsylvania	17,579	142.4	140.3-144.5

NOTE: A+ or - after the confidence interval (CI) denotes if the county rate was significantly higher or lower than the state rate. No + or - after a CI denotes no significant difference. CIs were not calculated for rates based on less than 20 events due to unreliability.
Data based on ICD-9-CM codes.
See Technical Notes.

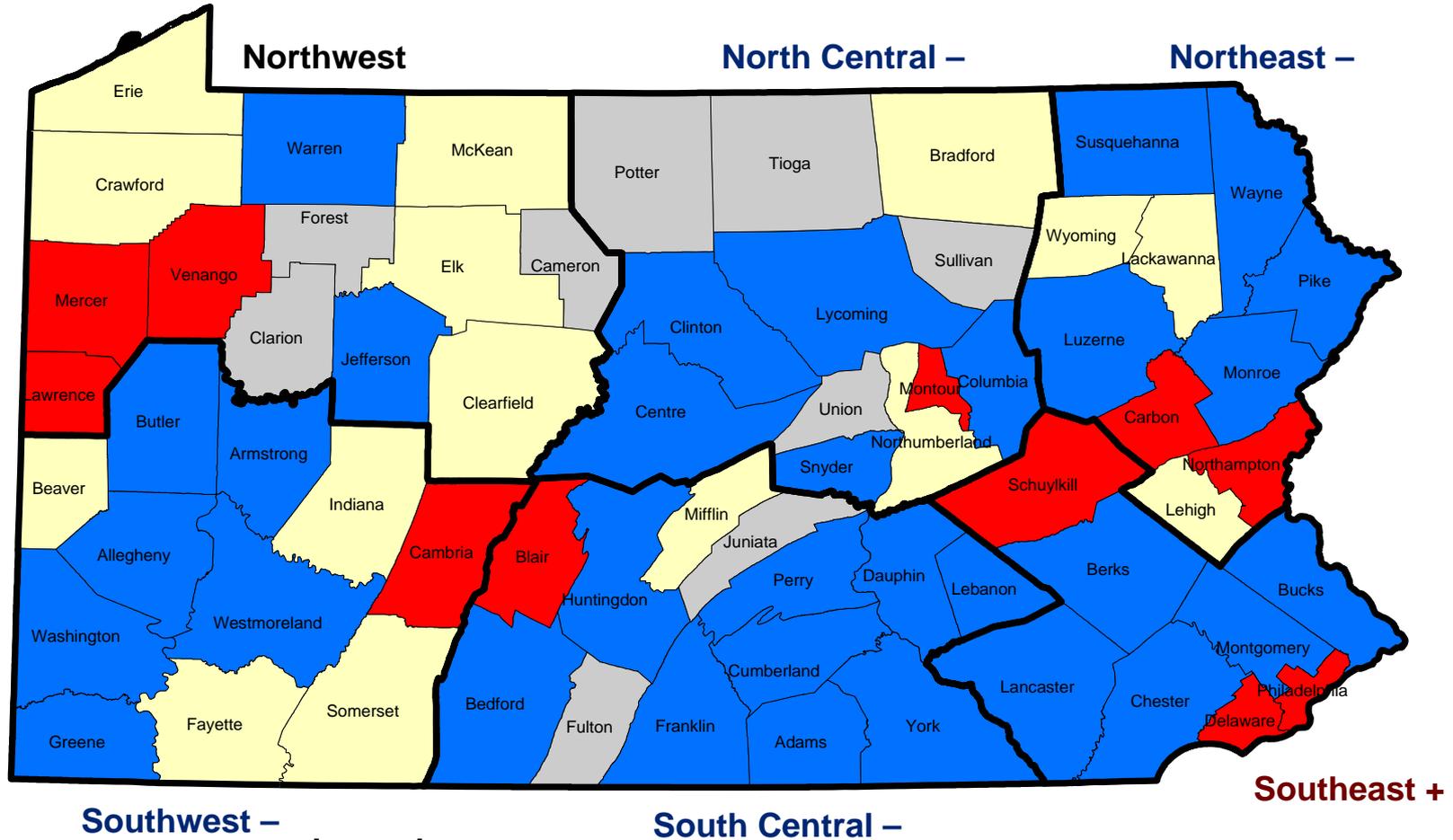
POISONING HOSPITALIZATIONS
NUMBER OF HOSPITALIZATIONS, TOTAL AND BY SELECTED AGE GROUPS,
BY HEALTH DISTRICT, PENNSYLVANIA RESIDENTS, 2006

COUNTY	AGE AT HOSPITALIZATION (IN YEARS)				COUNTY	AGE AT HOSPITALIZATION (IN YEARS)			
	ALL AGES	< 20	20-64	65+		ALL AGES	< 20	20-64	65+
Pennsylvania	17,579	1,961	13,809	1,809					
Northwest	1,302	168	984	150	Southwest	3,388	331	2,655	402
Cameron	5	1	2	2	Allegheny	1,453	117	1,143	193
Clarion	18	2	12	4	Armstrong	69	5	57	7
Clearfield	116	22	84	10	Beaver	257	31	202	24
Crawford	119	18	85	16	Butler	146	21	107	18
Elk	49	11	34	4	Cambria	337	32	275	30
Erie	420	48	342	30	Fayette	183	23	143	17
Forest	7	1	4	2	Greene	39	9	27	3
Jefferson	43	7	26	10	Indiana	116	8	90	18
Lawrence	160	19	120	21	Somerset	94	10	68	16
McKean	54	12	32	10	Washington	255	27	203	25
Mercer	187	14	151	22	Westmoreland	439	48	340	51
Venango	94	12	70	12					
Warren	30	1	22	7					
North Central	657	95	481	81	South Central	1,721	189	1,348	184
Bradford	76	9	57	10	Adams	59	5	49	5
Centre	138	18	106	14	Bedford	29	5	23	1
Clinton	29	3	23	3	Blair	211	25	165	21
Columbia	70	10	54	6	Cumberland	202	18	152	32
Lycoming	94	13	72	9	Dauphin	307	31	241	35
Montour	37	4	33	0	Franklin	130	16	93	21
Northumberland	138	22	93	23	Fulton	9	1	8	0
Potter	7	1	6	0	Huntingdon	46	3	41	2
Snyder	29	6	16	7	Juniata	12	3	8	1
Sullivan	5	1	4	0	Lebanon	88	15	64	9
Tioga	15	3	8	4	Mifflin	55	4	47	4
Union	19	5	9	5	Perry	43	8	30	5
					York	530	55	427	48
Northeast	2,035	247	1,544	244	Southeast	8,476	931	6,797	748
Carbon	138	23	101	14	Berks	421	65	312	44
Lackawanna	296	35	232	29	Bucks	754	93	576	85
Lehigh	484	62	362	60	Chester	362	40	269	53
Luzerne	341	37	254	50	Delaware	990	131	765	94
Monroe	165	20	132	13	Lancaster	440	61	344	35
Northampton	463	50	357	56	Montgomery	845	98	637	110
Pike	23	2	19	2	Philadelphia	4,384	403	3,677	304
Susquehanna	44	7	30	7	Schuylkill	280	40	217	23
Wayne	45	4	30	11					
Wyoming	36	7	27	2					

NOTE: * Unknowns included in totals.
 Data based on ICD-9-CM codes.
 See Technical Notes.

AGE-ADJUSTED HOSPITALIZATION RATES AND SIGNIFICANCE TEST RESULTS
BY COUNTY AND PA HEALTH DISTRICT, PENNSYLVANIA RESIDENTS, 2006

Poisoning Hospitalizations



Legend

- Rate Significantly Lower than PA
- Rate Significantly Higher than PA
- No Significant Difference from PA
- Rate Not Calculated (< 20 events)

If the district rate was significantly higher or lower than the state rate, a + or - follows the name. No sign indicates no significant difference.

SELF-INFLICTED POISONING HOSPITALIZATIONS

- Self-inflicted poisoning hospitalizations include hospitalizations caused by exposure to drugs, medicinal substances, alcohol, organic solvents, gases and vapors, pesticides and certain other chemicals. (See Technical notes.)
- The number of self-inflicted poisoning hospitalizations has increased slightly since 2002. There were 8,325 hospitalizations in 2006, 14 percent more than the 7,279 that were reported for 2002. The 2006 number and age-adjusted rate (68.9 per 100,000) of self-inflicted poisoning hospitalizations were the highest recorded during this five-year period.
- Black females have generally showed the highest rates among the four sex/race groups. However, the age-adjusted hospitalization rates for all four race/sex groups have been on the increase between 2002 and 2006.
- The 2006 age-adjusted hospitalization rate for black females was 84.9 per 100,000. In comparison, the second highest 2006 rate was among black males at 81.7, followed by white females, 76.9, and white males, 52.3.
- The average annual age-specific hospitalization rates for 2006 were highest for females ages 15-49 and black males ages 25-54.
- The highest age-specific hospitalization rate for black females was 198.5 per 100,000 for those aged 35-39. In comparison, the highest rate for black males was 189.0 (ages 45-49); for white females, 140 (ages 25-29 and 40-44); and for white males 94.4 (ages 20-24).
- The vast majority of self-inflicted poisoning hospitalizations occurred among those aged 15-54 years. They accounted for 7,377, or 89 percent, of the 8,325 hospitalizations reported during 2006.
- Fifteen counties had average annual age-adjusted hospitalization rates for 2006 that were significantly higher than the corresponding state rate.
- Sixteen counties had average annual age-adjusted hospitalization rates for 2006 that were significantly lower than the corresponding state rate.

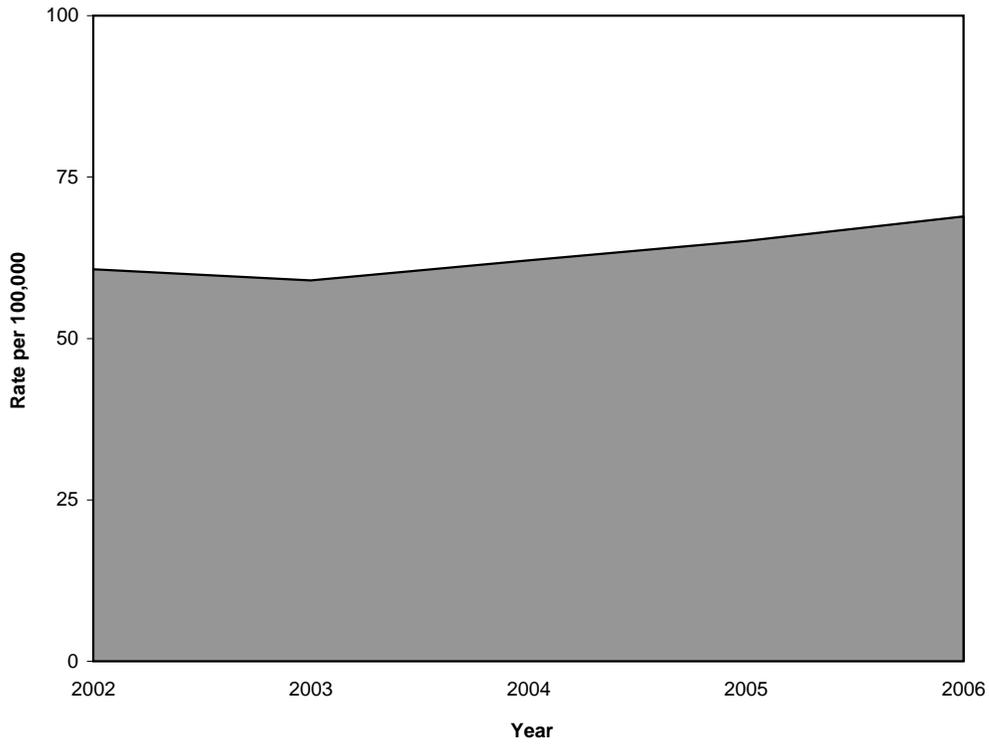
**HIGHEST AGE-ADJUSTED HOSPITALIZATION RATES:
Black females**

**HIGHEST AGE-SPECIFIC HOSPITALIZATION RATES:
Females ages 15-49**

**SELF-POISONING HOSPITALIZATIONS
TOTAL NUMBER OF HOSPITALIZATIONS AND
AGE-ADJUSTED HOSPITALIZATION RATES
PENNSYLVANIA RESIDENTS, 2002-2006**

Year	No.	Rate
2002	7,279	60.7
2003	7,091	59.0
2004	7,495	62.1
2005	7,839	65.1
2006	8,325	68.9

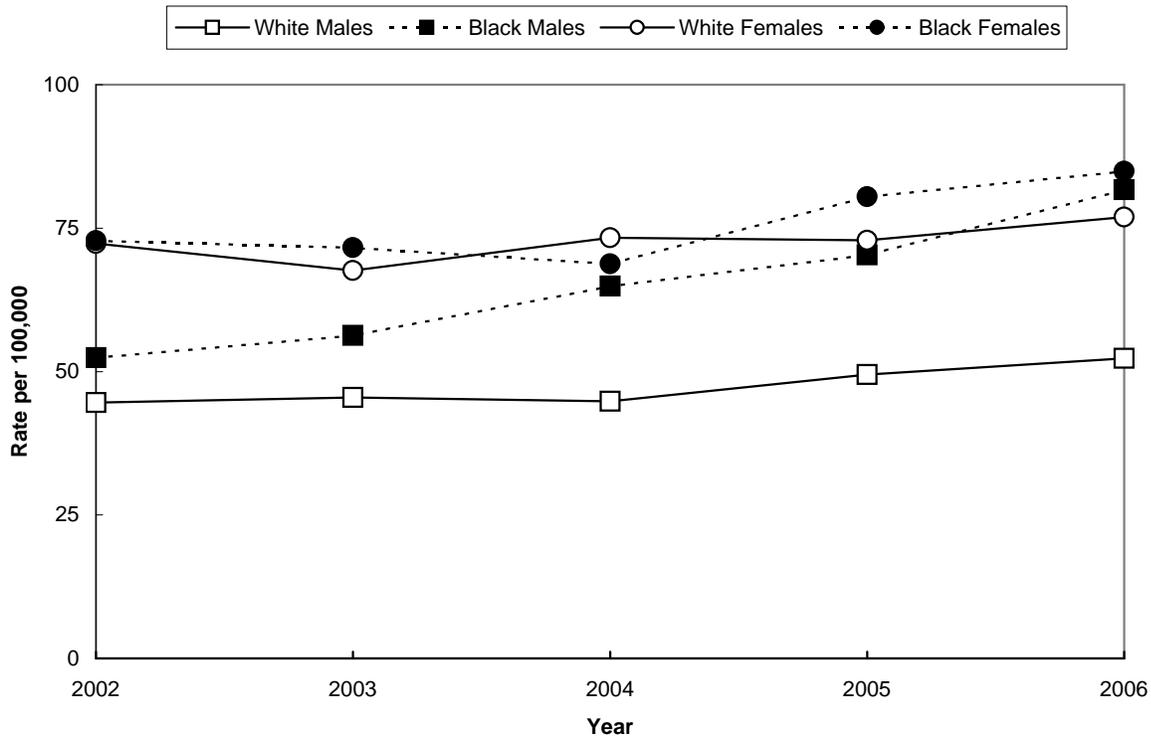
NOTES: Age-adjusted rates are computed by the direct method using the 2000 standard million population. Rates are per 100,000.
Data for 2002-2006 based on ICD-9-CM codes.
See Technical Notes.



SELF-POISONING HOSPITALIZATIONS
TOTAL NUMBER OF HOSPITALIZATIONS AND AGE-ADJUSTED HOSPITALIZATION RATES
BY SEX AND RACE PENNSYLVANIA RESIDENTS, 2002-2006

Year	Males						Females					
	All Races		White		Black		All Races		White		Black	
	No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate
2002	2,747	46.4	2,276	44.6	305	52.4	4,532	74.9	3,760	72.3	486	72.8
2003	2,826	47.5	2,333	45.5	338	56.3	4,265	70.4	3,503	67.6	480	71.6
2004	2,917	48.9	2,312	44.8	385	64.9	4,578	75.3	3,815	73.3	468	68.8
2005	3,183	53.4	2,551	49.5	420	70.3	4,656	76.7	3,792	72.9	549	80.5
2006	3,444	57.5	2,689	52.3	498	81.7	4,881	80.4	3,969	76.9	580	84.9

NOTES: Age-Adjusted rates are computed by the direct method using the 2000 U.S. standard million population. Rates are per 100,000.
 Data for 2002-2006 based on ICD-9-CM codes.
 See Technical Notes.



SELF-POISONING HOSPITALIZATIONS
TOTAL NUMBER OF HOSPITALIZATIONS AND AGE-SPECIFIC HOSPITALIZATION RATES
BY SEX AND RACE PENNSYLVANIA RESIDENTS, 2006

AGE GROUP	MALES						FEMALES					
	ALL RACES		WHITE		BLACK		ALL RACES		WHITE		BLACK	
	NO.	RATE	NO.	RATE	NO.	RATE	NO.	RATE	NO.	RATE	NO.	RATE
TOTAL***	3,444	57.1	2,689	51.8	498	79.5	4,881	76.2	3,969	72.3	580	83.2
< 5	1	-	1	-	-	-	-	-	-	-	-	-
5-9	-	-	-	-	-	-	1	-	1	-	-	-
10-14	19	4.6	14	4.1	2	-	92	23.0	64	19.6	13	23.4
15-19	293	62.7	242	62.6	25	40.5	539	117.0	420	110.3	71	116.3
20-24	436	98.7	345	94.4	57	98.9	550	127.6	452	127.7	58	100.1
25-29	391	106.0	275	90.4	74	154.7	512	144.1	406	140.4	59	120.2
30-34	376	99.9	285	90.5	59	139.4	459	122.5	373	120.3	55	120.9
35-39	422	102.3	325	92.1	68	159.7	633	151.1	490	138.3	94	198.5
40-44	456	101.3	368	93.8	53	122.2	679	147.7	554	140.2	96	194.1
45-49	413	89.8	314	77.1	77	189.0	582	123.0	482	116.9	66	138.0
50-54	283	65.5	220	56.9	48	139.0	353	78.5	299	75.4	39	92.5
55-59	171	45.7	139	41.1	24	88.3	189	47.3	163	45.9	18	51.8
60-64	66	21.8	58	21.0	5	-	113	33.9	97	32.4	8	-
65-69	44	18.3	38	17.3	3	-	62	21.7	58	22.5	1	-
70-74	27	13.7	26	14.3	1	-	35	13.7	34	14.6	1	-
75-79	19	12.0	18	12.2	-	-	33	14.2	30	14.1	-	-
80-84	17	15.8	13	12.9	1	-	31	17.3	29	17.4	-	-
85 +	10	15.8	8	-	1	-	18	10.9	17	11.1	1	-

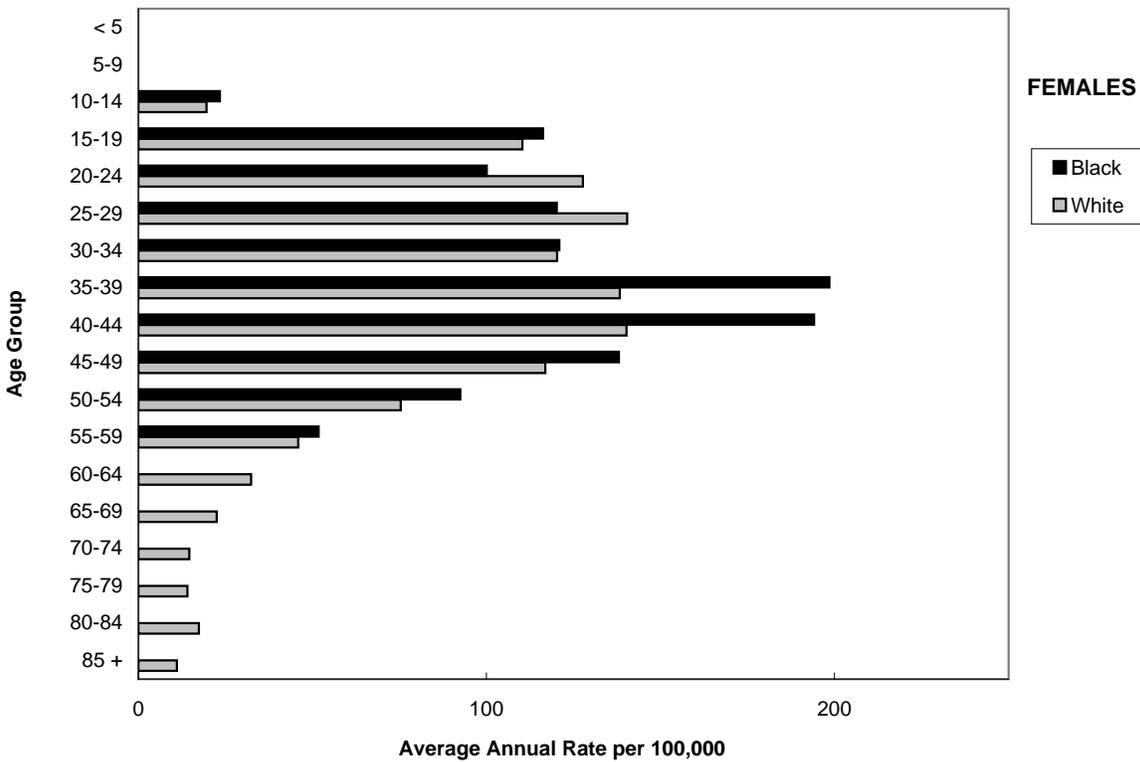
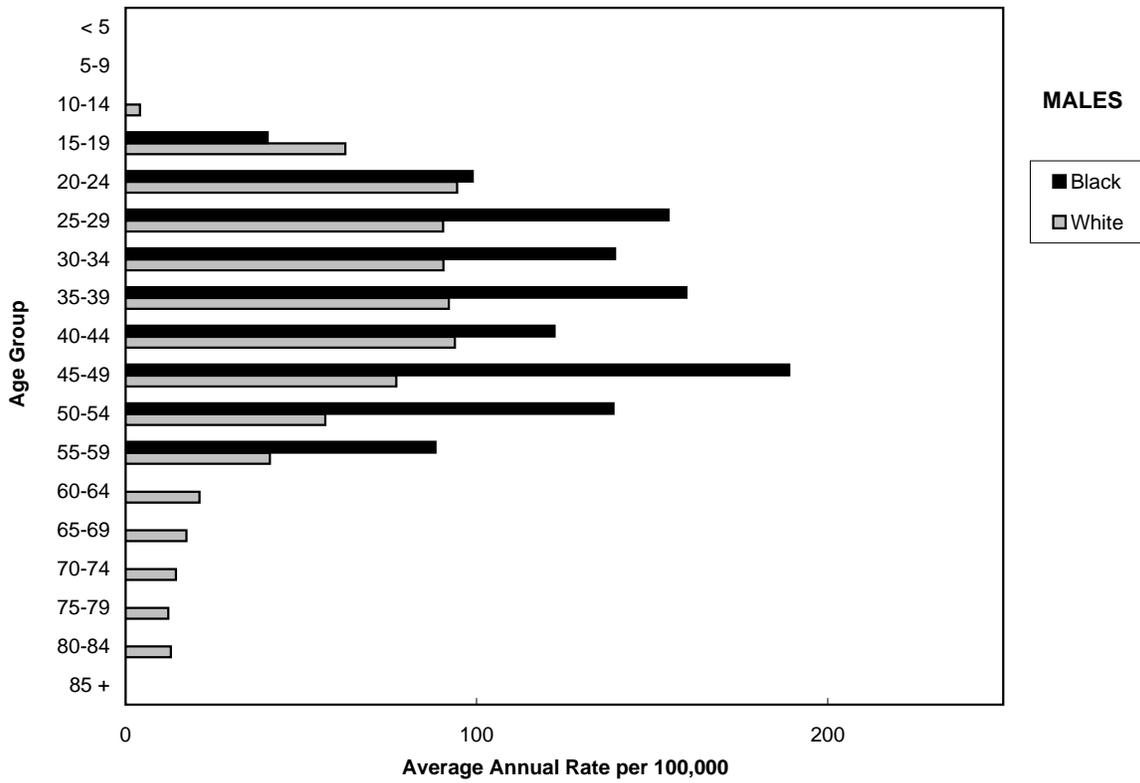
*** Unknowns included in totals.

NOTES: Rates are per 100,000 population for each specified group.

Data based on ICD-9-CM codes.

See Technical Notes.

**SELF-POISONING HOSPITALIZATIONS
AGE-SPECIFIC HOSPITALIZATION RATES
BY SEX AND RACE, PENNSYLVANIA RESIDENTS, 2006**



SELF-POISONING HOSPITALIZATIONS
NUMBER OF HOSPITALIZATIONS, AGE-ADJUSTED HOSPITALIZATION RATES, 95 % CONFIDENCE INTERVALS,
AND SIGNIFICANCE TEST RESULTS, BY HEALTH DISTRICT, PENNSYLVANIA RESIDENTS, 2006

<u>District/County</u>	<u>No.</u>	<u>Rate</u>	<u>CI (95%)</u>	<u>District/County</u>	<u>No.</u>	<u>Rate</u>	<u>CI (95%)</u>
Northwest	767	87.3	81.13-93.49 +	Southwest	1,796	69.4	66.15-72.57
Cameron	3	-		Allegheny	705	60.5	56.07-65.01 -
Clarion	8	-		Armstrong	23	37.8	22.35-53.23 -
Clearfield	57	74.6	55.21-93.93	Beaver	139	86.0	71.66-100.24 +
Crawford	56	66.6	49.16-84.04	Butler	84	47.2	37.12-57.32 -
Elk	28	97.3	61.23-133.29	Cambria	228	163.4	142.21-184.63 +
Erie	294	108.9	96.46-121.36 +	Fayette	107	81.3	65.87-96.67
Forest	0	-		Greene	22	57.0	33.17-80.79
Jefferson	20	43.8	24.59-62.95 -	Indiana	67	80.9	61.54-100.30
Lawrence	90	110.6	87.74-133.44 +	Somerset	56	74.3	54.80-93.70
McKean	31	72.6	47.06-98.20	Washington	136	69.7	57.98-81.40
Mercer	107	99.1	80.29-117.83 +	Westmoreland	229	66.2	57.64-74.80
Venango	54	108.5	79.55-137.43 +				
Warren	19	-					
North Central	381	57.1	51.35-62.81 -	South Central	899	57.6	53.84-61.38 -
Bradford	40	69.4	47.91-90.95	Adams	36	36.4	24.53-48.33 -
Centre	94	71.0	56.68-85.40	Bedford	15	-	
Clinton	10	-		Blair	105	87.3	70.59-103.97 +
Columbia	39	63.3	43.40-83.10	Cumberland	111	49.4	40.21-58.59 -
Lycoming	53	45.7	33.40-58.00 -	Dauphin	144	58.0	48.54-67.48 -
Montour	26	155.5	95.74-215.30 +	Franklin	55	42.9	31.53-54.19 -
Northumberland	79	93.1	72.59-113.65 +	Fulton	4	-	
Potter	6	-		Huntingdon	25	53.5	32.50-74.40
Snyder	15	-		Juniata	5	-	
Sullivan	3	-		Lebanon	53	44.7	32.69-56.77 -
Tioga	7	-		Mifflin	31	77.5	50.19-104.73
Union	9	-		Perry	25	56.9	34.58-79.18
				York	290	71.0	62.86-79.22
Northeast	1,124	75.3	70.86-79.66 +	Southeast	3,358	69.0	66.69-71.35
Carbon	85	147.5	116.15-178.87 +	Berks	242	62.2	54.32-69.98
Lackawanna	171	86.0	73.14-98.92 +	Bucks	345	57.1	51.07-63.11 -
Lehigh	271	84.2	74.15-94.19 +	Chester	167	34.4	29.19-39.63 -
Luzerne	167	55.9	47.39-64.33 -	Delaware	375	67.8	60.90-74.62
Monroe	100	60.3	48.50-72.14	Lancaster	265	55.5	48.85-62.23 -
Northampton	249	88.4	77.40-99.36 +	Montgomery	400	52.7	47.49-57.81 -
Pike	17	-		Philadelphia	1,391	98.1	92.93-103.23 +
Susquehanna	27	70.2	43.69-96.61	Schuylkill	173	125.0	106.39-143.65 +
Wayne	21	44.8	25.64-63.98 -				
Wyoming	16	-					
				Pennsylvania	8,325	68.9	67.45-70.41

NOTE: A+ or - after the confidence interval (CI) denotes if the county rate was significantly higher or lower than the state rate. No + or - after a CI denotes no significant difference. CIs were not calculated for rates based on less than 20 events due to unreliability.
 Data based on ICD-9-CM codes.
 See Technical Notes.

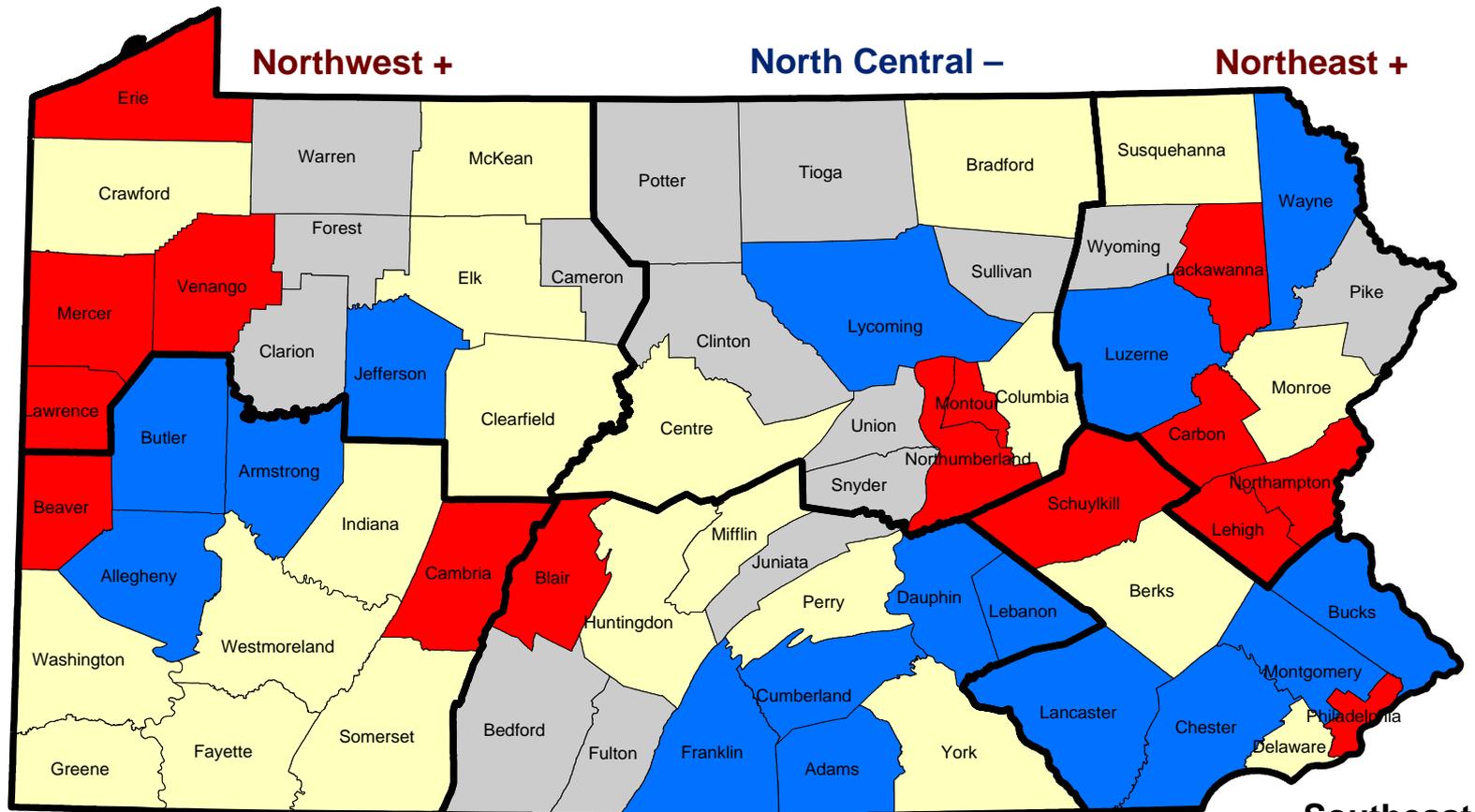
SELF-POISONING HOSPITALIZATIONS
NUMBER OF HOSPITALIZATIONS, TOTAL AND BY SELECTED AGE GROUPS,
BY HEALTH DISTRICT, PENNSYLVANIA RESIDENTS, 2006

COUNTY	AGE AT HOSPITALIZATION (IN YEARS)				COUNTY	AGE AT HOSPITALIZATION (IN YEARS)			
	ALL AGES	< 20	20-64	65+		ALL AGES	< 20	20-64	65+
Pennsylvania	8,325	945	7,084	296					
Northwest	767	94	649	24	Southwest	1,796	185	1,543	68
Cameron	3	0	2	1	Allegheny	705	64	618	23
Clarion	8	1	7	0	Armstrong	23	2	21	0
Clearfield	57	7	50	0	Beaver	139	15	116	8
Crawford	56	10	44	2	Butler	84	15	68	1
Elk	28	6	21	1	Cambria	228	20	200	8
Erie	294	34	252	8	Fayette	107	15	90	2
Forest	0	0	0	0	Greene	22	5	16	1
Jefferson	20	2	16	2	Indiana	67	5	59	3
Lawrence	90	7	81	2	Somerset	56	6	46	4
McKean	31	10	21	0	Washington	136	12	116	8
Mercer	107	9	94	4	Westmoreland	229	26	193	10
Venango	54	8	42	4					
Warren	19	0	19	0					
North Central	381	62	306	13	South Central	899	100	770	29
Bradford	40	7	31	2	Adams	36	3	33	0
Centre	94	14	75	5	Bedford	15	2	13	0
Clinton	10	3	7	0	Blair	105	17	85	3
Columbia	39	4	35	0	Cumberland	111	5	98	8
Lycoming	53	7	45	1	Dauphin	144	12	129	3
Montour	26	3	23	0	Franklin	55	6	47	2
Northumberland	79	15	59	5	Fulton	4	1	3	0
Potter	6	1	5	0	Huntingdon	25	2	23	0
Snyder	15	4	11	0	Juniata	5	1	4	0
Sullivan	3	1	2	0	Lebanon	53	11	41	1
Tioga	7	1	6	0	Mifflin	31	1	29	1
Union	9	2	7	0	Perry	25	7	18	0
					York	290	32	247	11
Northeast	1,124	141	942	41	Southeast	3,358	363	2,874	121
Carbon	85	12	71	2	Berks	242	38	193	11
Lackawanna	171	20	146	5	Bucks	345	44	280	21
Lehigh	271	28	236	7	Chester	167	14	146	7
Luzerne	167	21	135	11	Delaware	375	49	315	11
Monroe	100	15	83	2	Lancaster	265	36	223	6
Northampton	249	32	204	13	Montgomery	400	42	337	21
Pike	17	1	16	0	Philadelphia	1,391	108	1,244	39
Susquehanna	27	6	20	1	Schuylkill	173	32	136	5
Wayne	21	4	17	0					
Wyoming	16	2	14	0					

NOTE: * Unknowns included in totals.
 Data based on ICD-9-CM codes.
 See Technical Notes.

AGE-ADJUSTED HOSPITALIZATION RATES AND SIGNIFICANCE TEST RESULTS
BY COUNTY AND PA HEALTH DISTRICT, PENNSYLVANIA RESIDENTS, 2006

Self-Poisoning Hospitalizations



Legend

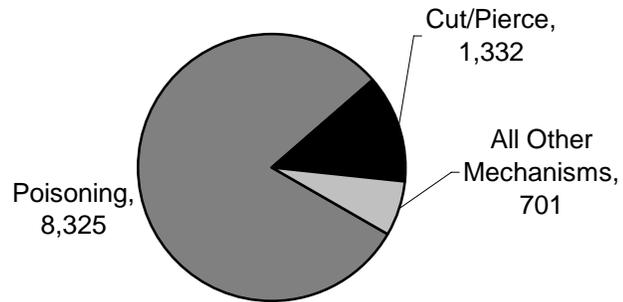
- Rate Significantly Lower than PA
- Rate Significantly Higher than PA
- No Significant Difference from PA
- Rate Not Calculated (< 20 events)

If the district rate was significantly higher or lower than the state rate, a + or - follows the name. No sign indicates no significant difference.

SELF-INFLICTED INJURY HOSPITALIZATIONS

- Self-inflicted injury hospitalizations include all hospitalizations due to intentional self-harm and attempted suicide.
- Pennsylvania's annual age-adjusted rate for self-inflicted injury hospitalizations has shown an increasing trend from 2003-2006. The annual rate was highest in 2006 at 85.7 per 100,000, compared to a low of 72.3 in 2003.
- The annual number of self-inflicted injury hospitalizations among residents during 2006 was 10,358, 1,659 more than the 8,699 that were reported in 2003.
- None of the four sex/race groups consistently had the highest annual age-adjusted rates for self-inflicted injury hospitalizations during 2002-2006. In 2002, 2003 and 2004, females had the highest rate. The highest rates in 2005 and 2006 occurred among black males.
- The annual age-adjusted rates for self-inflicted injury hospitalizations were relatively stable for whites, while the rates for blacks were generally on the increase between 2002 and 2006.
- Among whites, age-specific rates were highest for those between the ages of 20 and 29. Black males showed the highest rates among ages 25-49, while the peak rates for black females were among ages 35-44.
- Sixteen counties had average annual age-adjusted hospitalization rates for 2006 that were significantly higher than the corresponding state rate.
- Seventeen counties had average annual age-adjusted hospitalization rates that were significantly lower than the corresponding state rate in 2006.

**SELF-INFLICTED INJURY HOSPITALIZATIONS
BY MECHANISM & NUMBER,
PENNSYLVANIA RESIDENTS, 2006**



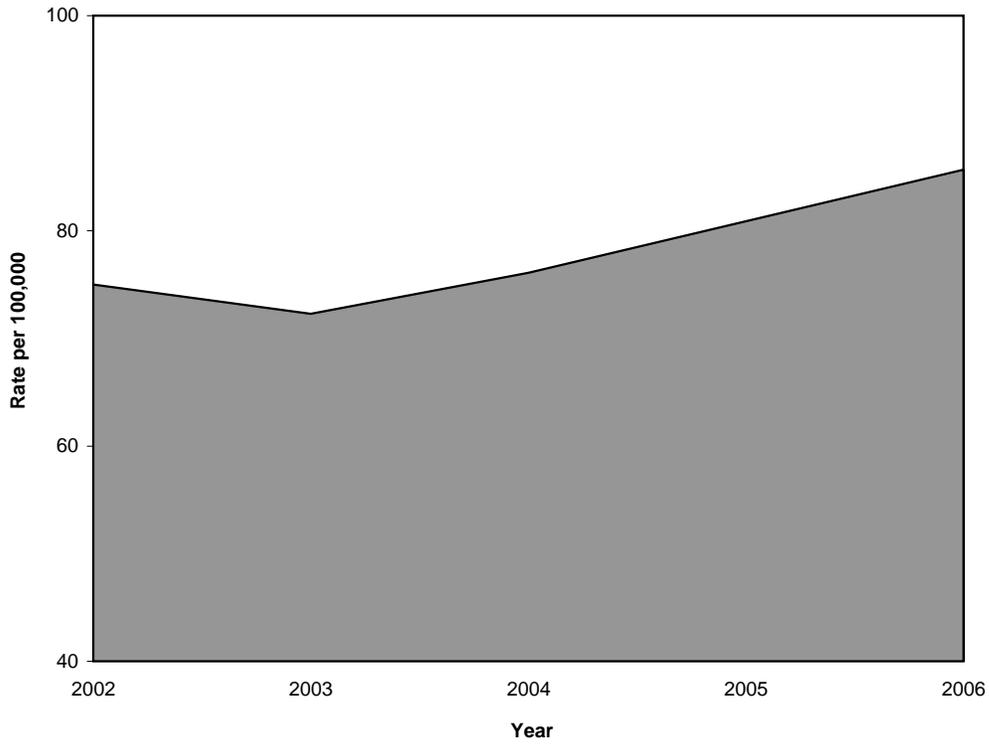
**HIGHEST AGE-ADJUSTED HOSPITALIZATION RATES:
Black males, Females**

**HIGHEST AGE-SPECIFIC HOSPITALIZATION RATES:
Blacks ages 35-49**

**SELF-INFLICTED INJURY HOSPITALIZATIONS
TOTAL NUMBER OF HOSPITALIZATIONS AND
AGE-ADJUSTED HOSPITALIZATION RATES
PENNSYLVANIA RESIDENTS, 2002-2006**

Year	No.	Rate
2002	8,990	75.0
2003	8,699	72.3
2004	9,189	76.1
2005	9,758	80.9
2006	10,358	85.7

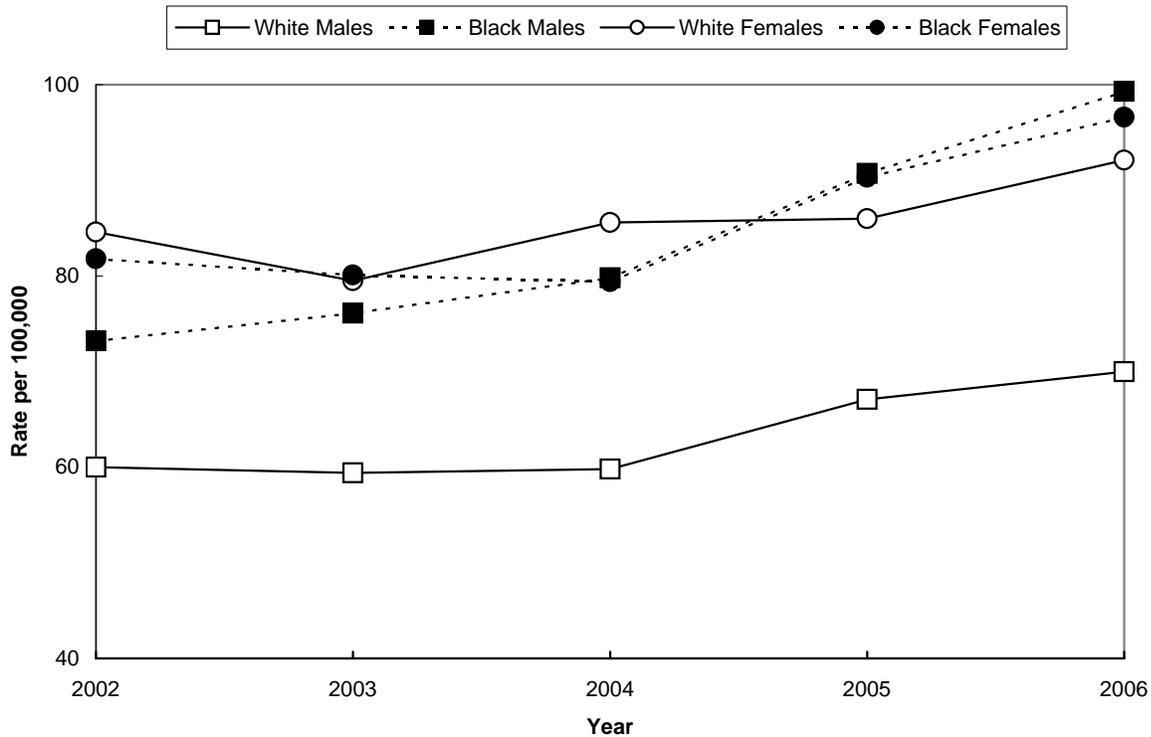
NOTES: Age-adjusted rates are computed by the direct method using the 2000 standard million population. Rates are per 100,000.
Data for 2002-2006 based on ICD-9-CM codes.
See Technical Notes.



**SELF-INFLICTED INJURY HOSPITALIZATIONS
TOTAL NUMBER OF HOSPITALIZATIONS AND AGE-ADJUSTED HOSPITALIZATION RATES
BY SEX AND RACE PENNSYLVANIA RESIDENTS, 2002-2006**

Year	Males						Females					
	All Races		White		Black		All Races		White		Black	
	No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate
2002	3,720	63.0	3,058	60.0	430	73.2	5,270	87.1	4,391	84.6	546	81.8
2003	3,730	62.8	3,040	59.4	454	76.1	4,969	82.0	4,112	79.5	537	80.1
2004	3,868	64.9	3,086	59.8	475	79.8	5,321	87.7	4,443	85.6	540	79.4
2005	4,318	72.3	3,459	67.1	539	90.7	5,440	89.7	4,459	86.0	618	90.3
2006	4,564	76.2	3,596	70.0	606	99.3	5,794	95.4	4,742	92.1	662	96.6

NOTES: Age-Adjusted rates are computed by the direct method using the 2000 U.S. standard million population. Rates are per 100,000.
Data for 2002-2006 based on ICD-9-CM codes.
See Technical Notes.



SELF-INFLICTED INJURY HOSPITALIZATIONS
TOTAL NUMBER OF HOSPITALIZATIONS AND AGE-SPECIFIC HOSPITALIZATION RATES
BY SEX AND RACE PENNSYLVANIA RESIDENTS, 2006

AGE GROUP	MALES						FEMALES					
	ALL RACES		WHITE		BLACK		ALL RACES		WHITE		BLACK	
	NO.	RATE	NO.	RATE	NO.	RATE	NO.	RATE	NO.	RATE	NO.	RATE
TOTAL***	4,564	75.6	3,596	69.2	606	96.8	5,794	90.5	4,742	86.4	662	95.0
< 5	1	-	1	-	0	-	0	-	0	-	0	-
5-9	2	-	2	-	0	-	2	-	2	-	0	-
10-14	34	8.2	27	7.9	4	-	123	30.8	93	28.5	13	23.4
15-19	393	84.1	324	83.8	34	55.1	693	150.5	554	145.4	80	131.0
20-24	613	138.8	488	133.6	73	126.7	689	159.9	567	160.2	73	125.9
25-29	560	151.8	408	134.2	94	196.5	624	175.7	502	173.6	69	140.6
30-34	502	133.4	385	122.3	70	165.4	561	149.7	455	146.7	69	151.7
35-39	522	126.5	406	115.0	77	180.8	721	172.1	561	158.3	104	219.7
40-44	573	127.3	461	117.5	66	152.1	765	166.4	629	159.2	103	208.2
45-49	518	112.6	403	98.9	89	218.4	667	141.0	558	135.3	69	144.3
50-54	357	82.7	281	72.6	51	147.7	404	89.8	339	85.5	44	104.4
55-59	203	54.2	166	49.0	28	103.0	207	51.8	179	50.4	20	57.6
60-64	93	30.7	76	27.6	9	-	121	36.3	103	34.4	10	36.8
65-69	58	24.1	51	23.2	3	-	65	22.8	60	23.3	2	-
70-74	38	19.2	33	18.2	1	-	43	16.8	39	16.8	3	-
75-79	40	25.3	35	23.8	3	-	39	16.8	36	16.9	0	-
80-84	34	31.6	29	28.9	2	-	42	23.4	39	23.5	1	-
85 +	23	36.4	20	34.1	2	-	28	16.9	26	17.0	2	-

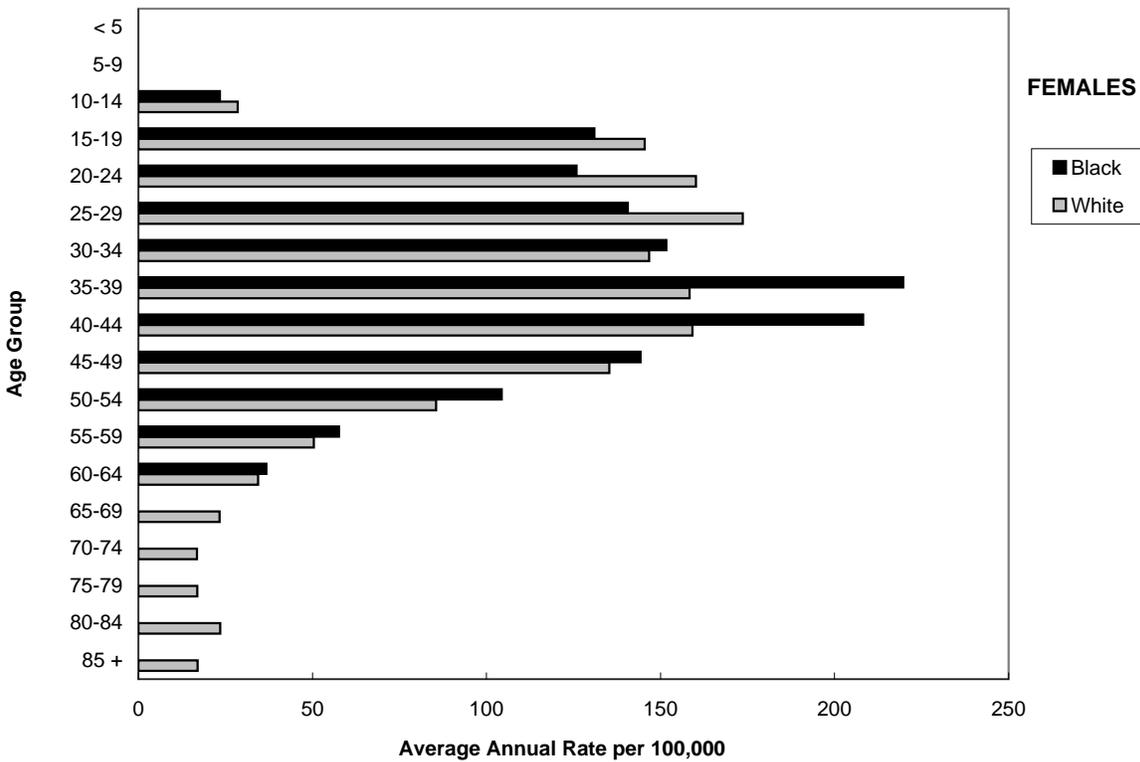
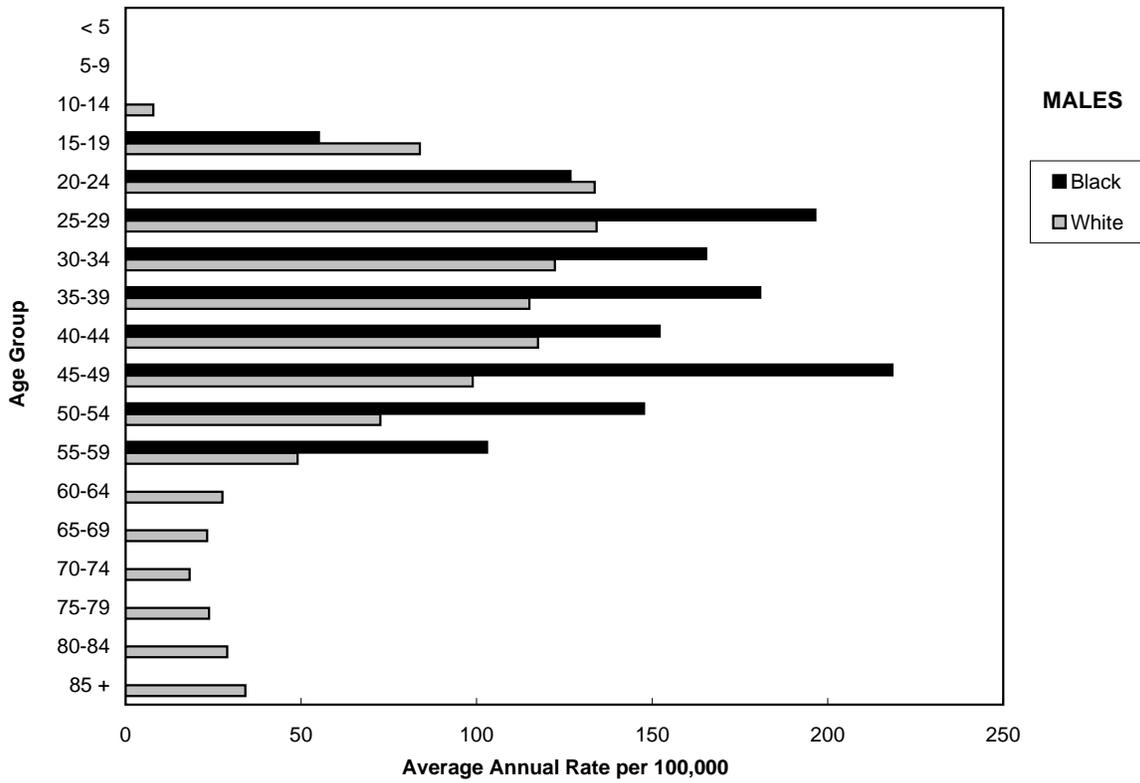
*** Unknowns included in totals.

NOTES: Rates are per 100,000 population (2006) for each specified group.

Data based on ICD-9-CM codes.

See Technical Notes.

**SELF-INFLICTED INJURY HOSPITALIZATIONS
AGE-SPECIFIC HOSPITALIZATION RATES
BY SEX AND RACE, PENNSYLVANIA RESIDENTS, 2006**



SELF-INFLICTED INJURY HOSPITALIZATIONS

**NUMBER OF HOSPITALIZATIONS, AGE-ADJUSTED HOSPITALIZATION RATES, 95 % CONFIDENCE INTERVALS,
AND SIGNIFICANCE TEST RESULTS, BY HEALTH DISTRICT, PENNSYLVANIA RESIDENTS, 2006**

District/County	No.	Rate	CI (95%)	District/County	No.	Rate	CI (95%)
Northwest	990	112.1	105.1-119.1 +	Southwest	2,361	91.5	87.8-95.2 +
Cameron	4	-		Allegheny	953	81.9	76.7-87.1
Clarion	11	-		Armstrong	53	87.6	64.0-111.2
Clearfield	71	93.0	71.3-114.6	Beaver	166	102.2	86.7-117.8 +
Crawford	72	84.3	64.9-103.8	Butler	143	81.2	67.9-94.5
Elk	33	114.5	75.4-153.5	Cambria	279	201.1	177.5-224.7 +
Erie	366	135.0	121.2-148.9 +	Fayette	134	102.1	84.8-119.4
Forest	1	-		Greene	24	61.6	37.0-86.3
Jefferson	26	56.9	35.0-78.8 -	Indiana	82	98.0	76.8-119.3
Lawrence	115	139.8	114.2-165.3 +	Somerset	66	88.6	67.3-110.0
McKean	50	116.0	83.9-148.2	Washington	164	84.1	71.2-97.0
Mercer	148	135.6	113.7-157.4 +	Westmoreland	297	86.9	77.0-96.8
Venango	69	138.5	105.9-171.2 +				
Warren	24	61.8	37.0-86.5				
North Central	478	71.2	64.8-77.6 -	South Central	1,131	72.6	68.4-76.9 -
Bradford	66	115.3	87.5-143.1 +	Adams	44	44.7	31.5-57.9 -
Centre	116	84.6	69.2-100.0	Bedford	21	43.5	24.9-62.1 -
Clinton	12	-		Blair	145	123.1	103.1-143.2 +
Columbia	45	73.6	52.1-95.1	Cumberland	140	62.4	52.1-72.8 -
Lycoming	56	48.0	35.4-60.5 -	Dauphin	170	68.4	58.1-78.6 -
Montour	29	172.1	109.5-234.8 +	Franklin	73	57.0	44.0-70.1 -
Northumberland	102	122.5	98.7-146.2 +	Fulton	4	-	
Potter	8	-		Huntingdon	35	75.4	50.4-100.4
Snyder	18	-		Juniata	9	-	
Sullivan	4	-		Lebanon	58	48.9	36.3-61.4 -
Tioga	8	-		Mifflin	37	93.2	63.2-123.2
Union	14	-		Perry	32	72.5	47.4-97.7
				York	363	89.0	79.9-98.2
Northeast	1,346	89.9	85.1-94.7	Southeast	4,052	83.2	80.6-85.8
Carbon	100	172.0	138.3-205.7 +	Berks	285	73.4	64.8-81.9 -
Lackawanna	202	101.7	87.7-115.8 +	Bucks	410	67.5	61.0-74.1 -
Lehigh	335	104.0	92.9-115.1 +	Chester	200	41.4	35.7-47.2 -
Luzerne	191	63.7	54.7-72.8 -	Delaware	435	78.4	71.0-85.8
Monroe	119	71.6	58.7-84.4 -	Lancaster	346	72.3	64.7-79.9 -
Northampton	303	107.1	95.1-119.2 +	Montgomery	456	60.0	54.5-65.5 -
Pike	24	46.2	27.7-64.6 -	Philadelphia	1,695	118.9	113.3-124.6 +
Susquehanna	28	72.0	45.3-98.6	Schuylkill	225	162.5	141.2-183.7 +
Wayne	25	51.7	31.4-71.9 -				
Wyoming	19	-					
				Pennsylvania	10,358	85.7	84.1-87.4

NOTE: A+ or - after the confidence interval (CI) denotes if the county rate was significantly higher or lower than the state rate. No + or - after a CI denotes no significant difference. CIs were not calculated for rates based on less than 20 events due to unreliability.
Data based on ICD-9-CM codes.
See Technical Notes.

**SELF-INFLICTED INJURY HOSPITALIZATIONS
NUMBER OF HOSPITALIZATIONS, TOTAL AND BY SELECTED AGE GROUPS,
BY HEALTH DISTRICT, PENNSYLVANIA RESIDENTS, 2006**

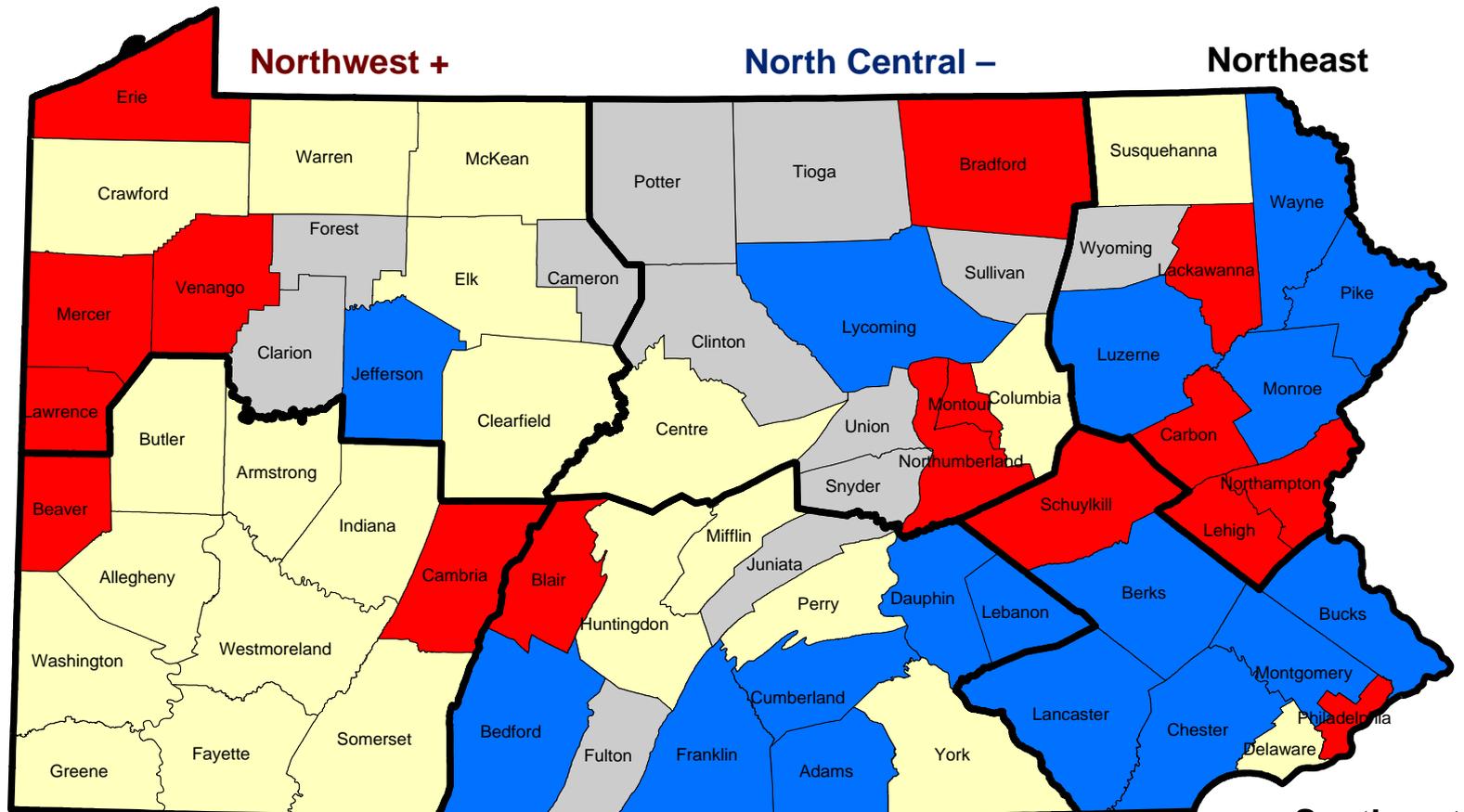
COUNTY	AGE AT HOSPITALIZATION (IN YEARS)			
	ALL AGES	< 20	20-64	65+
Pennsylvania	10,358	1,248	8,700	410
Northwest	990	161	797	32
Cameron	4	1	2	1
Clarion	11	1	9	1
Clearfield	71	9	61	1
Crawford	72	16	54	2
Elk	33	8	24	1
Erie	366	49	309	8
Forest	1	0	1	0
Jefferson	26	4	19	3
Lawrence	115	14	98	3
McKean	50	20	30	0
Mercer	148	23	119	6
Venango	69	14	49	6
Warren	24	2	22	0
North Central	478	79	384	15
Bradford	66	16	48	2
Centre	116	17	94	5
Clinton	12	3	9	0
Columbia	45	5	40	0
Lycoming	56	8	47	1
Montour	29	3	25	1
Northumberland	102	16	81	5
Potter	8	1	6	1
Snyder	18	5	13	0
Sullivan	4	1	3	0
Tioga	8	1	7	0
Union	14	3	11	0
Northeast	1,346	179	1,113	54
Carbon	100	15	83	2
Lackawanna	202	23	173	6
Lehigh	335	39	285	11
Luzerne	191	28	151	12
Monroe	119	18	99	2
Northampton	303	43	241	19
Pike	24	1	23	0
Susquehanna	28	6	21	1
Wayne	25	4	20	1
Wyoming	19	2	17	0

COUNTY	AGE AT HOSPITALIZATION (IN YEARS)			
	ALL AGES	< 20	20-64	65+
Southwest	2,361	267	2,002	92
Allegheny	953	83	833	37
Armstrong	53	12	41	0
Beaver	166	17	139	10
Butler	143	30	111	2
Cambria	279	31	239	9
Fayette	134	18	112	4
Greene	24	5	18	1
Indiana	82	9	70	3
Somerset	66	9	53	4
Washington	164	16	138	10
Westmoreland	297	37	248	12
South Central	1,131	122	969	40
Adams	44	3	41	0
Bedford	21	3	15	3
Blair	145	19	123	3
Cumberland	140	7	125	8
Dauphin	170	15	149	6
Franklin	73	7	64	2
Fulton	4	1	3	0
Huntingdon	35	3	32	0
Juniata	9	1	8	0
Lebanon	58	11	46	1
Mifflin	37	3	33	1
Perry	32	8	23	1
York	363	41	307	15
Southeast	4,052	440	3,435	177
Berks	285	44	228	13
Bucks	410	58	325	27
Chester	200	18	170	12
Delaware	435	57	358	20
Lancaster	346	46	290	10
Montgomery	456	45	383	28
Philadelphia	1,695	128	1,508	59
Schuylkill	225	44	173	8

NOTE: * Unknowns included in totals.
Data based on ICD-9-CM codes.
See Technical Notes.

AGE-ADJUSTED HOSPITALIZATION RATES AND SIGNIFICANCE TEST RESULTS
BY COUNTY AND PA HEALTH DISTRICT, PENNSYLVANIA RESIDENTS, 2006

Self-Injury Hospitalizations



Southwest +

Legend

- Rate Significantly Lower than PA
- Rate Significantly Higher than PA
- No Significant Difference from PA
- Rate Not Calculated (< 20 events)

If the district rate was significantly higher or lower than the state rate, a + or - follows the name. No sign indicates no significant difference.

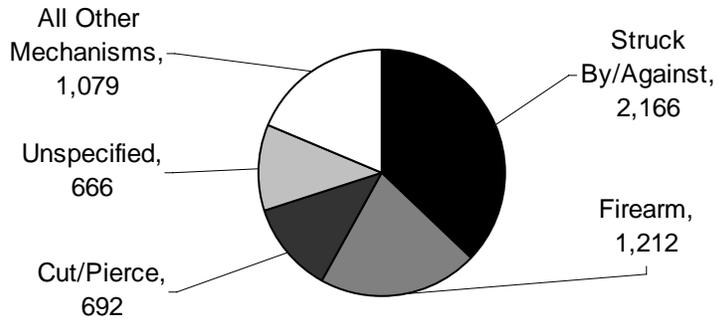
South Central -

Southeast

ASSAULT INJURY HOSPITALIZATIONS

- Assault injury hospitalizations include injuries inflicted by another person with intent to injure or kill by any means.
- The annual number and age-adjusted rate for assault hospitalizations among Pennsylvania residents increased between 2002 and 2006. There were 5,815 hospitalizations for a rate of 48.3 per 100,000 in 2006, and there were 4,847 hospitalizations for a rate of 40.8 in 2002, the year the lowest rate was recorded.
- The annual age-adjusted assault hospitalization rates for black males increased from 2004-2006. However the other three sex/race groups have not shown any strong trends over the five-year period of 2002-2006.
- The 2006 age-adjusted assault hospitalization rate for black males was six times higher than the second highest rate, which occurred among black females, 360.9 per 100,000 versus 61.0 per 100,000, respectively.
- As with the age-adjusted rates, the 2006 age-specific hospitalization rates for assault were consistently much higher among black males. The highest age-specific rate for black males was 746.2 per 100,000 for the 20-24 age group.
- The 2006 age-specific assault hospitalization rates for black males rose dramatically for those ages 15-19, peaked at ages 20-24 and then declined slowly. A similar pattern was seen among white males. The age-specific rates for females were highest for the age groups from 20-34 years of age.
- More than 18 percent, or 1,062, of the total 5,815 assault hospitalizations during 2006 were to residents under 20 years of age.
- Three counties (Allegheny, Delaware and Philadelphia) had age-adjusted hospitalization rates for 2006 that were significantly higher than the corresponding state rate.
- Twenty-three counties had age-adjusted hospitalization rates for 2006 that were significantly lower than the corresponding state rate.

**ASSAULT INJURY HOSPITALIZATIONS BY
MECHANISM & NUMBER
PENNSYLVANIA RESIDENTS, 2006**



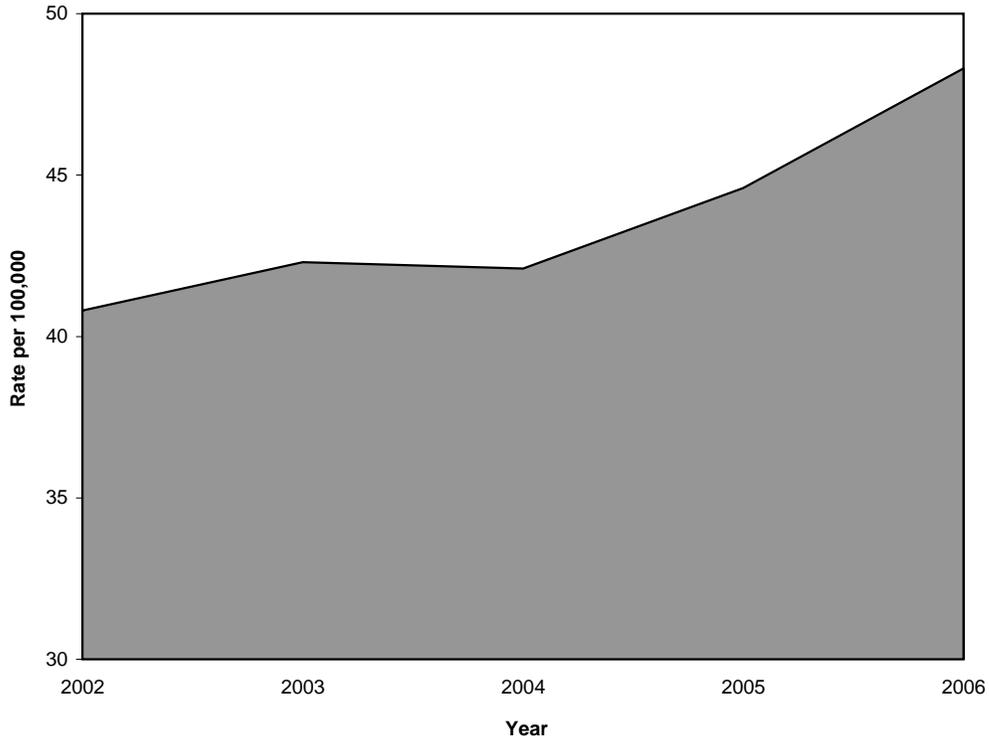
**HIGHEST AGE-ADJUSTED HOSPITALIZATION RATES:
Black males; Urban counties**

**HIGHEST AGE-SPECIFIC HOSPITALIZATION RATES:
Young black males (ages 15-29)**

**ASSAULT INJURY HOSPITALIZATIONS
TOTAL NUMBER OF HOSPITALIZATIONS AND
AGE-ADJUSTED HOSPITALIZATION RATES
PENNSYLVANIA RESIDENTS, 2002-2006**

Year	No.	Rate
2002	4,847	40.8
2003	5,034	42.3
2004	5,046	42.1
2005	5,366	44.6
2006	5,815	48.3

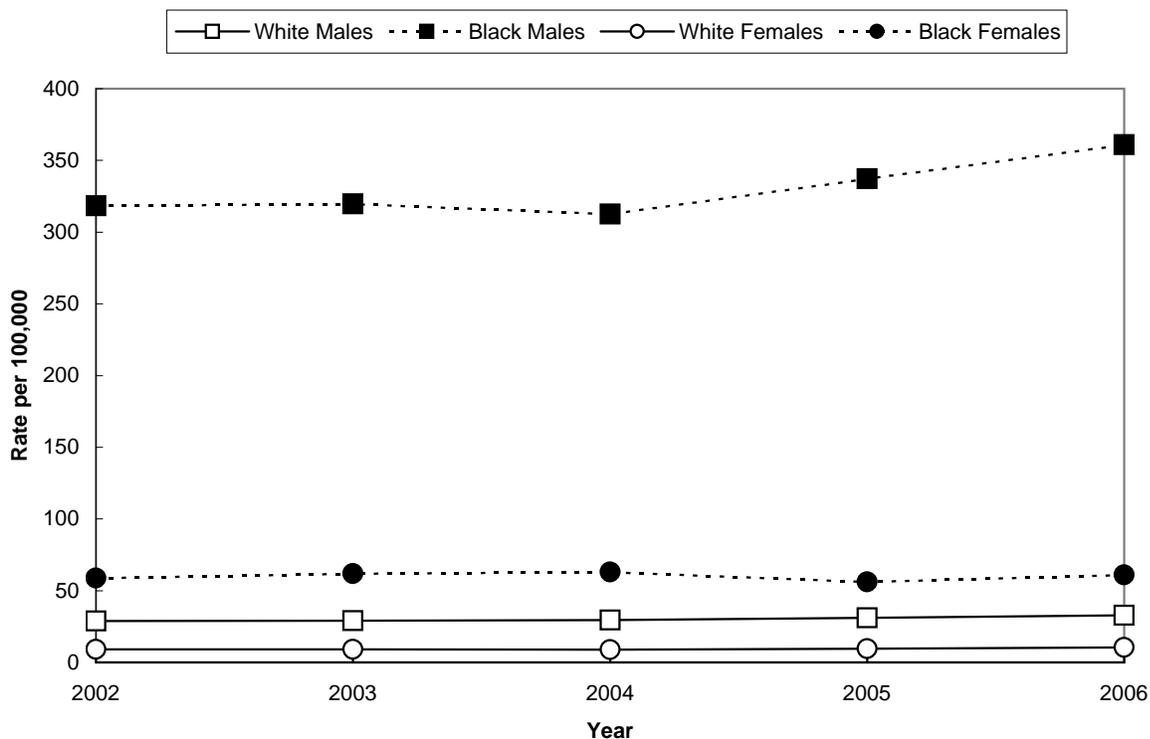
NOTES: Age-adjusted rates are computed by the direct method using the 2000 standard million population. Rates are per 100,000.
Data for 2002-2006 based on ICD-9-CM codes.
See Technical Notes.



ASSAULT INJURY HOSPITALIZATIONS
TOTAL NUMBER OF HOSPITALIZATIONS AND AGE-ADJUSTED HOSPITALIZATION RATES
BY SEX AND RACE PENNSYLVANIA RESIDENTS, 2002-2006

Year	Males						Females					
	All Races		White		Black		All Races		White		Black	
	No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate
2002	3,878	65.8	1,461	28.8	1,968	318.3	969	16.1	477	9.1	393	58.8
2003	4,030	68.1	1,466	29.0	2,013	319.6	1,004	16.7	474	9.0	416	61.8
2004	4,045	67.6	1,524	29.5	2,009	312.7	1,001	16.6	469	8.9	431	62.9
2005	4,385	73.0	1,596	31.0	2,213	337.2	981	16.3	496	9.5	386	56.2
2006	4,716	78.6	1,678	32.9	2,357	360.9	1,098	18.2	536	10.5	431	61.0

NOTES: Age-Adjusted rates are computed by the direct method using the 2000 U.S. standard million population. Rates are per 100,000.
 Data for 2002-2006 based on ICD-9-CM codes.
 See Technical Notes.



**ASSAULT INJURY HOSPITALIZATIONS
TOTAL NUMBER OF HOSPITALIZATIONS AND AGE-SPECIFIC HOSPITALIZATION RATES
BY SEX AND RACE PENNSYLVANIA RESIDENTS, 2006**

AGE GROUP	MALES						FEMALES					
	ALL RACES		WHITE		BLACK		ALL RACES		WHITE		BLACK	
	NO.	RATE	NO.	RATE	NO.	RATE	NO.	RATE	NO.	RATE	NO.	RATE
TOTAL***	4,716	78.1	1,678	32.3	2,357	376.5	1,098	17.1	536	9.8	431	61.8
< 5	89	23.8	47	15.5	26	51.4	79	22.1	41	14.2	28	57.2
5-9	11	2.8	2	-	6	-	12	3.2	7	-	5	-
10-14	75	18.0	30	8.8	34	59.1	26	6.5	9	-	12	21.6
15-19	662	141.6	166	42.9	388	628.4	108	23.5	39	10.2	56	91.7
20-24	869	196.8	312	85.4	430	746.2	128	29.7	48	13.6	60	103.5
25-29	596	161.5	215	70.7	293	612.4	121	34.1	50	17.3	47	95.8
30-34	478	127.0	166	52.7	233	550.5	111	29.6	56	18.1	45	99.0
35-39	459	111.3	151	42.8	240	563.5	113	27.0	57	16.1	41	86.6
40-44	487	108.2	199	50.7	237	546.3	110	23.9	70	17.7	33	66.7
45-49	415	90.2	138	33.9	221	542.3	102	21.6	51	12.4	46	96.2
50-54	251	58.1	96	24.8	118	341.7	48	10.7	23	5.8	20	47.5
55-59	135	36.1	59	17.4	61	224.3	39	9.8	19	5.4	11	31.7
60-64	74	24.5	36	13.1	30	147.6	19	5.7	13	4.3	3	-
65-69	45	18.7	25	11.4	15	95.9	21	7.4	6	-	14	63.7
70-74	23	11.6	13	7.2	10	78.9	16	6.2	13	5.6	1	-
75-79	14	8.9	10	6.8	4	-	13	5.6	8	-	3	-
80-84	8	-	5	-	2	-	16	8.9	15	9.0	1	-
85 +	25	39.6	8	-	9	-	16	9.7	11	7.2	5	-

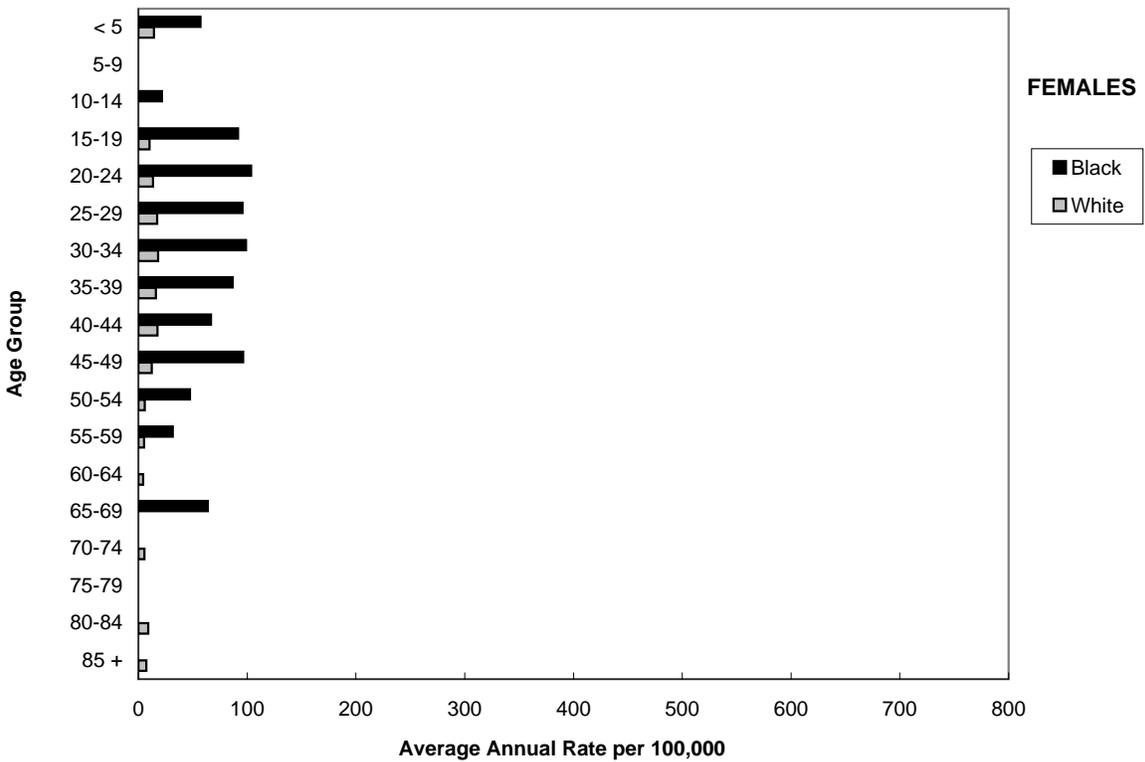
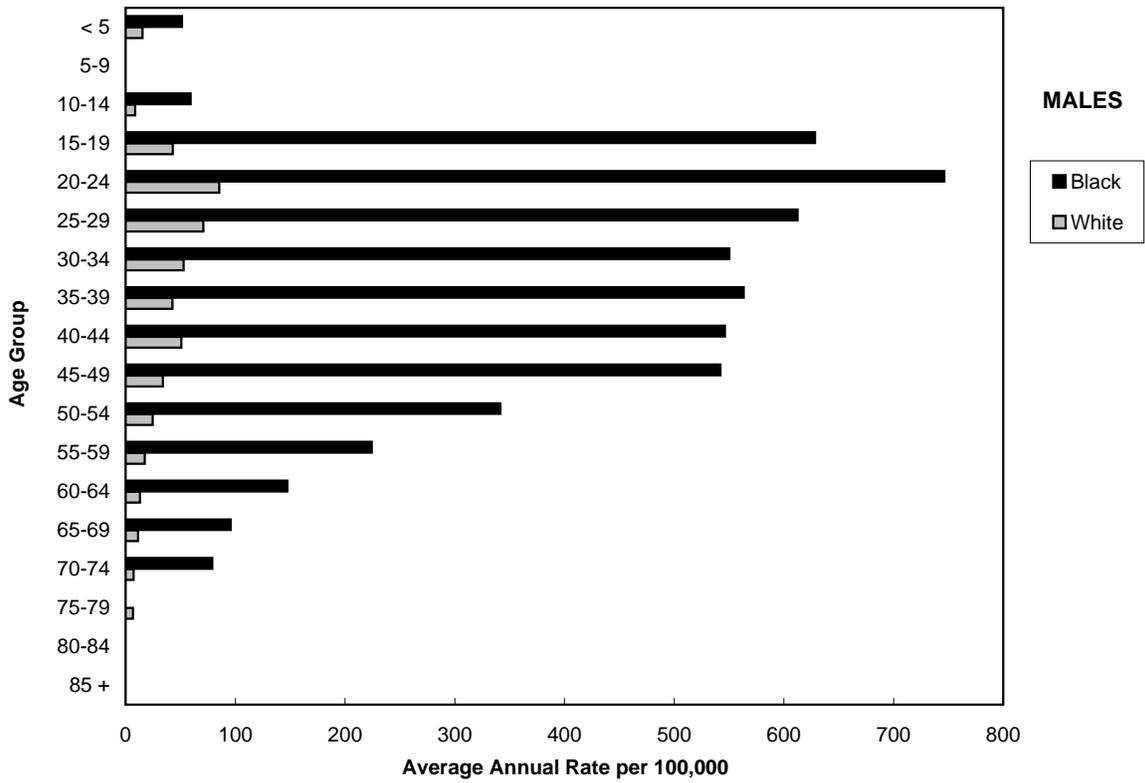
*** Unknowns included in totals.

NOTES: Rates are per 100,000 population (2006) for each specified group.

Data based on ICD-9-CM codes.

See Technical Notes.

**ASSAULT INJURY HOSPITALIZATIONS
AGE-SPECIFIC HOSPITALIZATION RATES
BY SEX AND RACE, PENNSYLVANIA RESIDENTS, 2006**



ASSAULT INJURY HOSPITALIZATIONS
NUMBER OF HOSPITALIZATIONS, AGE-ADJUSTED HOSPITALIZATION RATES, 95 % CONFIDENCE INTERVALS,
AND SIGNIFICANCE TEST RESULTS, BY HEALTH DISTRICT, PENNSYLVANIA RESIDENTS, 2006

District/County	No.	Rate	CI (95%)	District/County	No.	Rate	CI (95%)
Northwest	201	22.8	19.63-25.93 -	Southwest	1,070	41.9	39.38-44.40 -
Cameron	0	-		Allegheny	736	63.3	58.75-67.89 +
Clarion	5	-		Armstrong	8	-	
Clearfield	9	-		Beaver	61	38.4	28.73-47.99 -
Crawford	11	-		Butler	31	17.7	11.45-23.89 -
Elk	2	-		Cambria	28	20.3	12.79-27.83 -
Erie	85	30.1	23.71-36.51 -	Fayette	33	25.8	17.01-34.63 -
Forest	2	-		Greene	5	-	
Jefferson	5	-		Indiana	12	-	
Lawrence	29	35.3	22.43-48.09 -	Somerset	15	-	
McKean	6	-		Washington	67	34.2	26.03-42.41 -
Mercer	32	29.4	19.22-39.60 -	Westmoreland	74	23.2	17.88-28.42 -
Venango	12	-					
Warren	3	-					
North Central	81	12.9	10.08-15.68 -	South Central	309	20.2	17.90-22.40 -
Bradford	5	-		Adams	9	-	
Centre	11	-		Bedford	5	-	
Clinton	11	-		Blair	39	34.6	23.77-45.51 -
Columbia	8	-		Cumberland	22	10.1	5.90-14.36 -
Lycoming	14	-		Dauphin	75	31.5	24.38-38.64 -
Montour	2	-		Franklin	13	-	
Northumberland	11	-		Fulton	1	-	
Potter	4	-		Huntingdon	13	-	
Snyder	2	-		Juniata	1	-	
Sullivan	0	-		Lebanon	15	-	
Tioga	2	-		Mifflin	10	-	
Union	11	-		Perry	5	-	
				York	101	24.8	19.92-29.58 -
Northeast	467	31.3	28.46-34.14 -	Southeast	3,687	75.8	73.37-78.27 +
Carbon	10	-		Berks	108	28.2	22.87-33.49 -
Lackawanna	59	30.6	22.75-38.35 -	Bucks	126	21.4	17.66-25.14 -
Lehigh	151	46.6	39.13-53.99	Chester	76	16.3	12.67-20.01 -
Luzerne	89	29.7	23.53-35.87 -	Delaware	319	58.6	52.13-64.99 +
Monroe	39	24.0	16.49-31.57 -	Lancaster	118	24.6	20.18-29.06 -
Northampton	104	36.4	29.42-43.42 -	Montgomery	206	28.0	24.18-31.84 -
Pike	4	-		Philadelphia	2,709	183.6	176.71-190.55 +
Susquehanna	1	-		Schuylkill	25	18.5	11.22-25.68 -
Wayne	9	-					
Wyoming	1	-					
				Pennsylvania	5,815	48.3	47.05-49.53

NOTE: A+ or - after the confidence interval (CI) denotes if the county rate was significantly higher or lower than the state rate. No + or - after a CI denotes no significant difference. CIs were not calculated for rates based on less than 20 events due to unreliability.
 Data based on ICD-9-CM codes.
 See Technical Notes.

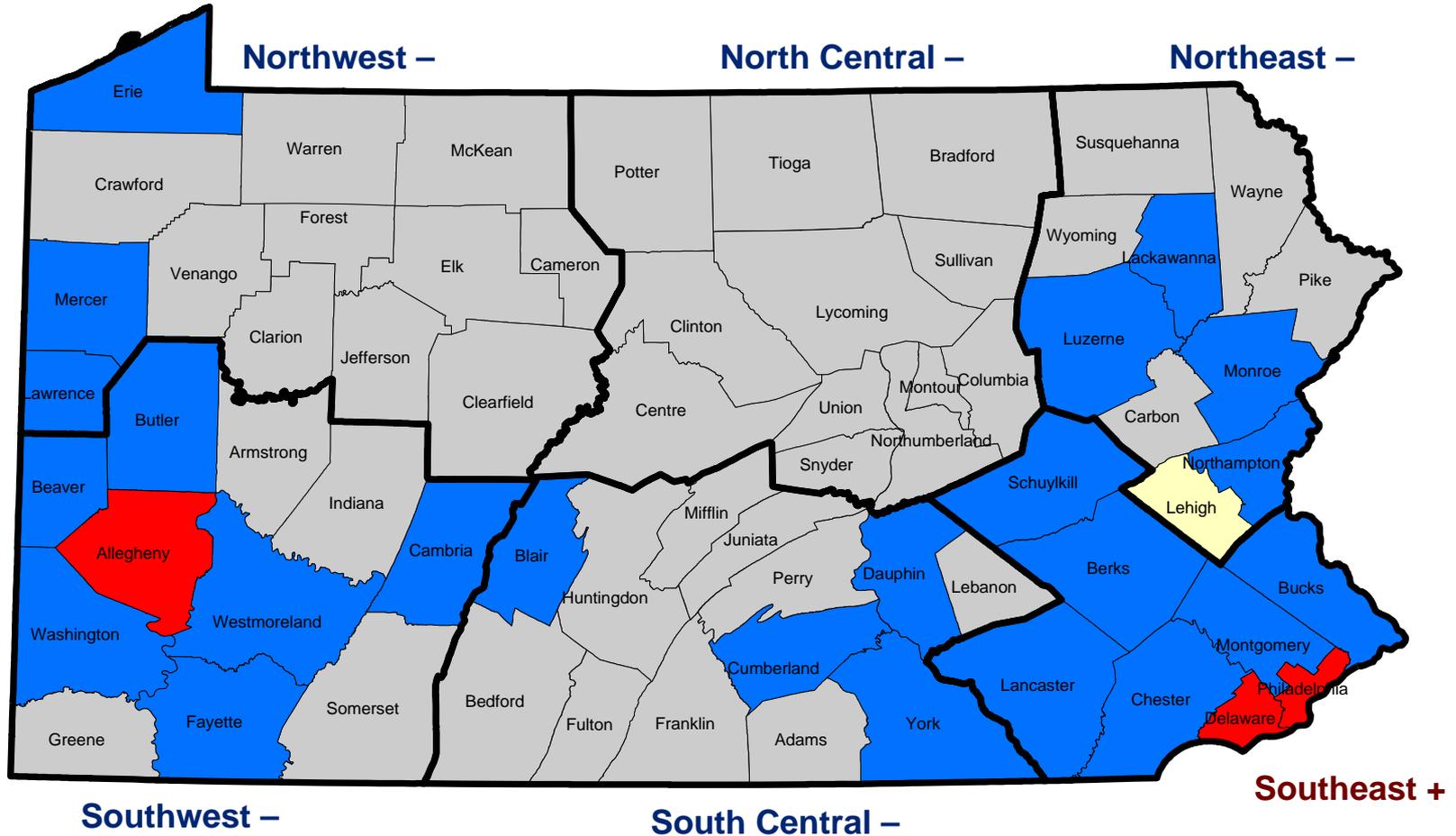
ASSAULT INJURY HOSPITALIZATIONS
NUMBER OF HOSPITALIZATIONS, TOTAL AND BY SELECTED AGE GROUPS,
BY HEALTH DISTRICT, PENNSYLVANIA RESIDENTS, 2006

COUNTY	AGE AT HOSPITALIZATION (IN YEARS)				COUNTY	AGE AT HOSPITALIZATION (IN YEARS)			
	ALL AGES	< 20	20-64	65+		ALL AGES	< 20	20-64	65+
Pennsylvania	5,815	1,062	4,556	197					
Northwest	201	47	147	7	Southwest	1,070	185	860	25
Cameron	0	0	0	0	Allegheny	736	129	590	17
Clarion	5	1	4	0	Armstrong	8	1	7	0
Clearfield	9	2	7	0	Beaver	61	6	53	2
Crawford	11	5	6	0	Butler	31	6	23	2
Elk	2	1	1	0	Cambria	28	5	23	0
Erie	85	17	66	2	Fayette	33	4	29	0
Forest	2	1	1	0	Greene	5	0	4	1
Jefferson	5	0	5	0	Indiana	12	3	8	1
Lawrence	29	5	22	2	Somerset	15	4	11	0
McKean	6	1	5	0	Washington	67	14	51	2
Mercer	32	9	21	2	Westmoreland	74	13	61	0
Venango	12	3	9	0					
Warren	3	2	0	1					
North Central	81	24	54	3	South Central	309	56	243	10
Bradford	5	2	3	0	Adams	9	2	6	1
Centre	11	4	6	1	Bedford	5	1	4	0
Clinton	11	3	8	0	Blair	39	6	32	1
Columbia	8	1	7	0	Cumberland	22	3	19	0
Lycoming	14	7	6	1	Dauphin	75	19	54	2
Montour	2	0	1	1	Franklin	13	5	8	0
Northumberland	11	4	7	0	Fulton	1	0	1	0
Potter	4	2	2	0	Huntingdon	13	1	12	0
Snyder	2	0	2	0	Juniata	1	1	0	0
Sullivan	0	0	0	0	Lebanon	15	4	9	2
Tioga	2	0	2	0	Mifflin	10	3	7	0
Union	11	1	10	0	Perry	5	1	4	0
					York	101	10	87	4
Northeast	467	88	355	24	Southeast	3,687	662	2,897	128
Carbon	10	3	6	1	Berks	108	21	85	2
Lackawanna	59	12	44	3	Bucks	126	20	101	5
Lehigh	151	29	116	6	Chester	76	10	59	7
Luzerne	89	14	71	4	Delaware	319	63	244	12
Monroe	39	11	27	1	Lancaster	118	19	95	4
Northampton	104	15	81	8	Montgomery	206	33	157	16
Pike	4	0	3	1	Philadelphia	2,709	493	2,136	80
Susquehanna	1	1	0	0	Schuylkill	25	3	20	2
Wayne	9	2	7	0					
Wyoming	1	1	0	0					

NOTE: * Unknowns included in totals.
 Data based on ICD-9-CM codes.
 See Technical Notes.

AGE-ADJUSTED HOSPITALIZATION RATES AND SIGNIFICANCE TEST RESULTS
BY COUNTY AND PA HEALTH DISTRICT, PENNSYLVANIA RESIDENTS, 2006

Assault Hospitalizations



Legend

- Rate Significantly Lower than PA
- Rate Significantly Higher than PA
- No Significant Difference from PA
- Rate Not Calculated (< 20 events)

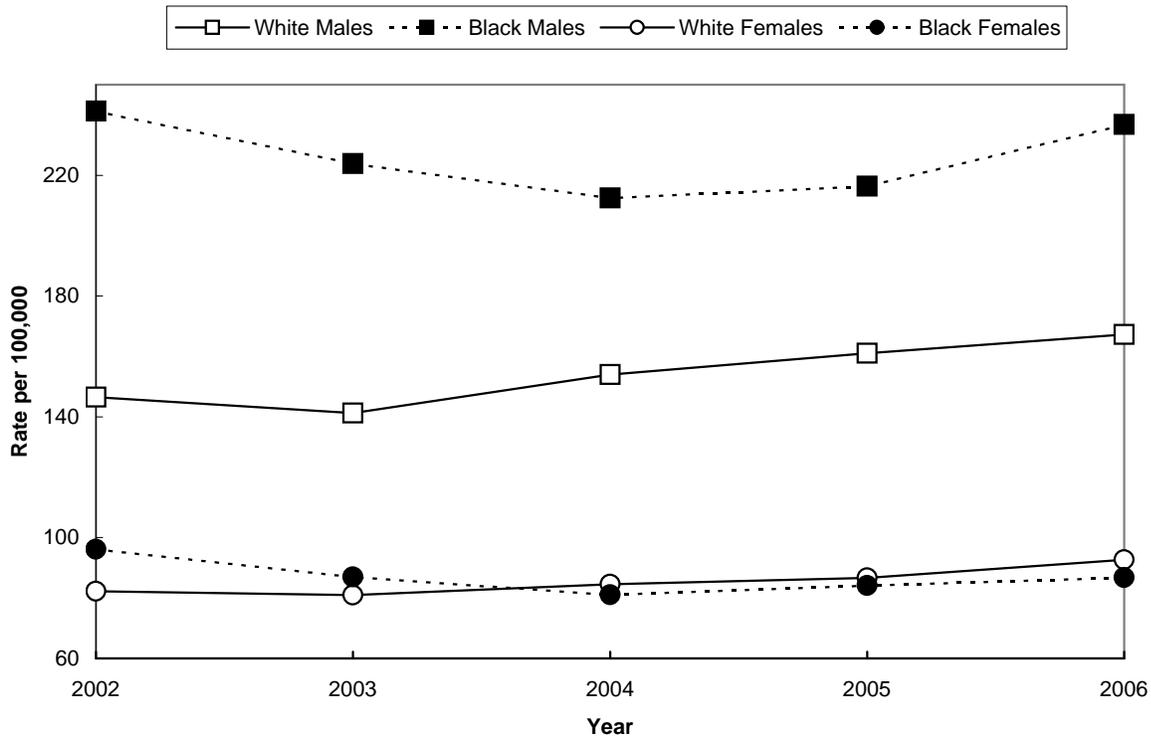
If the district rate was significantly higher or lower than the state rate, a + or - follows the name. No sign indicates no significant difference.

Hospitalization Appendices

TRAUMATIC BRAIN INJURY HOSPITALIZATIONS
TOTAL NUMBER OF DISCHARGES AND AGE-ADJUSTED RATES BY SEX AND RACE
PENNSYLVANIA RESIDENTS, 2002-2006

Year	Males						Females					
	All Races		White		Black		All Races		White		Black	
	No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate
2002	9,970	170.2	7,508	146.5	1,360	241.3	6,539	89.5	5,402	82.2	633	96.1
2003	9,799	165.1	7,328	141.2	1,287	223.9	6,585	88.8	5,430	81.0	578	87.0
2004	10,608	177.2	8,083	154.0	1,249	212.5	6,895	92.1	5,714	84.6	544	81.1
2005	11,132	185.2	8,490	161.1	1,283	216.4	7,230	95.0	5,976	86.7	570	84.1
2006	11,253	189.4	8,660	167.3	1,389	236.8	7,510	100.0	6,230	92.7	594	86.8

NOTES: Age-Adjusted rates are computed by the direct method using the 2000 U.S. standard million population. Rates are per 100,000.
 Data for 2002-2006 based on ICD-9-CM codes.
 See Technical Notes.



TRAUMATIC BRAIN INJURY HOSPITALIZATIONS
TOTAL NUMBER OF DISCHARGES AND AVERAGE ANNUAL AGE-SPECIFIC RATES BY SEX AND RACE
PENNSYLVANIA RESIDENTS, 2002-2006

AGE GROUP	TOTAL		MALES						FEMALES					
			ALL RACES		WHITE		BLACK		ALL RACES		WHITE		BLACK	
	NO.	RATE	NO.	RATE	NO.	RATE	NO.	RATE	NO.	RATE	NO.	RATE	NO.	RATE
TOTAL ***	87,521	141.2	52,762	175.7	40,069	154.3	6,568	213.2	34,759	108.8	28,752	104.4	2,919	85.6
< 5	3,091	84.5	1,851	98.9	1,080	70.4	415	165.0	1,240	69.4	765	52.3	249	102.6
5-9	2,163	55.6	1,427	71.7	893	54.8	305	112.3	736	38.8	505	32.6	130	49.7
10-14	3,203	77.0	2,293	107.7	1,611	91.7	381	131.4	910	44.8	654	39.2	147	52.3
15-19	7,774	170.1	5,306	229.5	4,070	211.6	572	193.6	2,468	109.3	1,990	105.9	198	68.8
20-24	7,095	170.6	5,223	247.8	3,874	220.9	617	234.1	1,872	91.2	1,406	82.6	187	71.4
25-29	4,440	124.3	3,276	181.0	2,335	155.3	464	206.8	1,164	66.1	845	58.2	159	70.0
30-34	4,056	105.5	2,888	150.4	2,014	123.9	439	206.7	1,168	60.7	881	54.6	142	62.1
35-39	4,447	102.9	3,102	145.0	2,195	118.9	514	234.7	1,345	61.7	983	52.8	190	77.9
40-44	5,147	109.4	3,601	154.9	2,578	126.6	562	253.8	1,546	65.0	1,153	56.0	216	86.3
45-49	5,049	107.8	3,531	152.9	2,528	123.3	573	282.9	1,518	63.9	1,188	57.1	173	73.7
50-54	4,327	100.5	2,962	140.5	2,156	113.9	486	287.9	1,365	62.2	1,084	55.9	139	68.5
55-59	3,668	100.4	2,433	137.8	1,849	115.8	324	247.4	1,235	65.4	1,006	59.9	114	69.3
60-64	3,241	109.5	2,043	145.6	1,631	127.9	222	225.7	1,198	77.0	991	71.1	96	73.5
65-69	3,205	127.0	1,836	160.1	1,507	143.3	170	222.0	1,369	99.5	1,177	94.4	98	89.6
70-74	4,099	179.1	2,122	214.4	1,794	196.0	156	253.4	1,977	152.2	1,700	143.2	129	133.5
75-79	5,931	295.3	2,759	341.5	2,418	320.7	142	309.8	3,172	264.3	2,851	256.9	155	195.2
80-84	7,089	486.4	2,886	533.9	2,604	514.8	119	410.2	4,203	458.4	3,826	448.9	165	291.0
85 +	9,496	779.4	3,223	933.7	2,932	908.1	107	580.6	6,273	718.4	5,747	706.6	232	447.0

*** Unknowns included in totals.

NOTES: Rates are per 100,000 population (2002-2006) for each specified group.

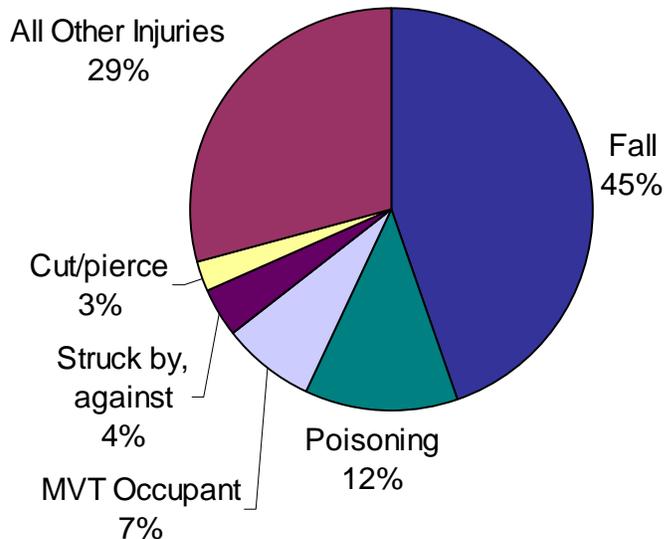
Data for 2002-2006 based on ICD-9-CM codes.

See Technical Notes.

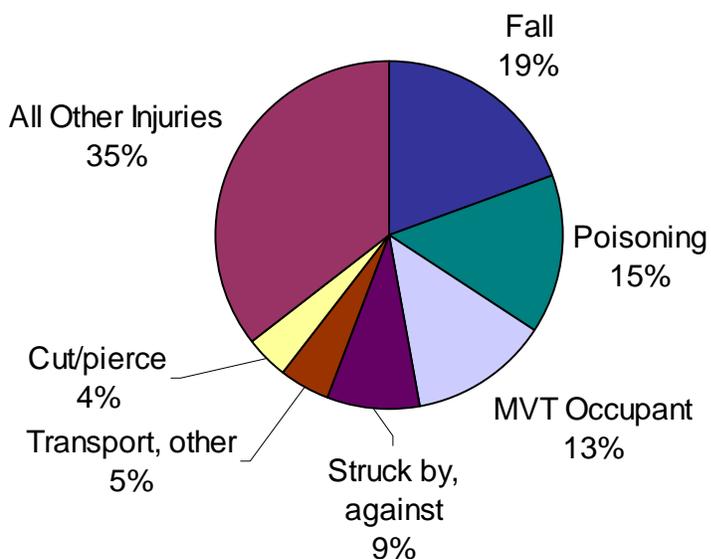
LEADING CAUSES OF INJURY HOSPITALIZATION

- Ninety percent of all injury hospitalizations in Pennsylvania were due to the ten leading causes of injury hospitalization during 2006. Among youth under 20, 81 percent of injury hospitalizations were due to the ten leading causes.
- Unintentional falls were the number one cause of injury hospitalization in 2006, for youth and the total Pennsylvania population.
 - Unintentional falls were the leading cause of injury hospitalization for the age groups between zero and 14 and all age groups 35 and above during 2006. Unintentional falls were the third leading cause among ages 15-34.
 - Unintentional falls were the leading cause of injury hospitalization for the white, black and Hispanic populations in 2006.
 - Unintentional falls among ages 65 and older comprise 70 percent of falls hospitalizations and one third of all injury hospitalizations.
- Hospitalizations of occupants involved in unintentional motor vehicle traffic (MVT) incidents were the number two cause of injury hospitalization in 2006.
 - Unintentional MVT occupant hospitalizations were the leading cause of injury hospitalization for the age groups between 15 and 24.
 - Unintentional MVT occupant hospitalizations were the second leading cause of injury hospitalization among whites, fifth among blacks and fourth among Hispanics.
- Self-inflicted poisoning and unintentional poisoning were the fourth and fifth leading causes, respectively, of injury hospitalization in 2006. Among youth these were the third and fourth leading causes, respectively.
 - Among blacks unintentional poisoning was ranked higher than self-inflicted poisoning, comprising the second and third leading causes.
 - Unintentional poisoning was the leading cause of injury hospitalization among blacks ages one to four and ages 35-54.
 - Self-inflicted poisoning was the leading cause of injury hospitalization among whites ages 25-34 and Hispanics ages 15-44.
- Assault by firearm was the leading cause of injury hospitalization among blacks ages 15-34 and the sixth leading cause among blacks overall. Assault (struck by/against) was the seventh leading cause among blacks.
- During 2006, unintentional struck by/against was the seventh leading cause of injury hospitalization and the fifth leading cause among youth less than age 20.

Causes of Injury Hospitalization, Pennsylvania, 2006



Causes of Injury Hospitalization, Age 0-19, Pennsylvania, 2006



**TABLE 1: LEADING CAUSES OF INJURY HOSPITALIZATION
TOTAL NUMBER OF DISCHARGES
PENNSYLVANIA RESIDENTS BY AGE, 2006**

Rank	AGE GROUP										
	< 1	1-4	5-9	10-14	15-19	20-24	25-34	35-44	45-54	55-64	65+
1	Unint. Fall 196	Unint. Fall 534	Unint. Fall 586	Unint. Fall 597	Unint. MVT Occ. 1,370	Unint. MVT Occ. 1,446	Self-Inf. Poison 1,738	Unint. Fall 2,524	Unint. Fall 4,575	Unint. Fall 5,831	Unint. Fall 45,724
2	Unint. Poison 72	Unint. Poison 311	Unint. MVT Ped. 122	Unint. Struck By, Against 251	Self-Inf. Poison 832	Self-Inf. Poison 986	Unint. MVT Occ. 1,520	Self-Inf. Poison 2,190	Self-Inf. Poison 1,631	Unint. Unspec. 1,204	Unint. Unspec. 4,616
3	Unint. Unspec. 52	Unint. Hot Obj./Subs. 166	Unint. Ped. Cyc. Other 115	Unint. Trans. Other 205	Unint. Fall 642	Unint. Fall 666	Unint. Fall 1,432	Unint. MVT Occ. 1,419	Unint. Poison 1,511	Unint. MVT Occ. 1,039	Unint. MVT Occ. 2,049
4	Assault Other Spec. Class. 50	Unint. Other Spec. Class. 113	Unint. MVT Occ. 114	Unint. Ped. Cyc. Other 186	Unint. Struck By, Against 412	Unint. Poison 463	Unint. Poison 873	Unint. Poison 1,352	Unint. MVT Occ. 1,328	Unint. Poison 783	Unint. Other Spec. Class. 1,797
5	Unint. Other Spec. Class. 47	Unint. Bites, Stings 111	Unint. Other Spec. Class. 105	Unint. MVT Occ. 162	Unint. Trans. Other 329	Assault Struck By, Against 345	Unint. Other Spec. Class. 570	Unint. Other Spec. Class. 857	Unint. Unspec. 1,180	Unint. Other Spec. Class. 780	Undet. Unspec. 1,465
6	Unint. Hot Obj./Subs. 43	Unint. MVT Occ. 75	Unint. Struck By, Against 99	Unint. MVT Ped. 140	Unint. Poison 322	Assault Firearm 311	Unint. Unspec. 500	Unint. Unspec. 779	Unint. Other Spec. Class. 949	Self-Inf. Poison 539	Unint. Poison 1,383
7	Unint. Suffocation 40	Unint. Struck By, Against 73	Unint. Bites, Stings 78	Unint. Other Spec. Class. 116	Assault Firearm 278	Unint. Other Spec. Class. 288	Assault Struck By, Against 436	Undet. Poison 524	Undet. Poison 494	Unint. Other Spec., NEC 323	Unint. Overexertion 1,080
8	Assault Unspec. 27	Unint. MVT Ped. 58	Unint. Poison 71	Self-Inf. Poison 111	Assault Struck By, Against 254	Unint. MVT Mtrcyc. 257	Assault Firearm 365	Assault Struck By, Against 494	Unint. MVT Mtrcyc. 446	Unint. Overexertion 316	Unint. Other Spec., NEC 906
9	Unint. Other Nat'l Env'tl 23	Unint. Unspec. 43	Unint. Trans. Other 64	Unint. MVT Ped. Cyc. 92	Unint. Unspec. 202	Self-Inf. Cut/Pierce 232	Self-Inf. Cut/Pierce 360	Unint. MVT Mtrcyc. 445	Unint. Bites, Stings 380	Unint. Struck By, Against 279	Unint. Suffocation 801
10	Undet. Unspec. 19	Undet. Unspec. 41	Unint. MVT Ped. Cyc. 42	Unint. Poison 73	Self-Inf. Cut/Pierce 182	Unint. Unspec. 197	Unint. MVT Mtrcyc. 354	Unint. Struck By, Against 360	Unint. Struck By, Against 378	Unint. Bites, Stings 251	Unint. Struck By, Against 776

**TABLE 2: LEADING CAUSES OF INJURY HOSPITALIZATION
TOTAL NUMBER OF DISCHARGES
PENNSYLVANIA RESIDENTS BY RACE, 2006**

Rank	RACE			Total	Age < 20
	White	Black	Hispanic*		
1	Unint. Fall	Unint. Fall	Unint. Fall	Unint. Fall	Unint. Fall
	56,209	4,155	726	63,307	2,555
2	Unint. MVT Occ.	Unint. Poison	Self-Inf. Poison	Unint. MVT Occ.	Unint. MVT Occ.
	8,429	1,987	369	10,532	1,731
3	Unint. Unspec.	Self-Inf. Poison	Unint. Poison	Unint. Unspec.	Self-Inf. Poison
	7,329	1,078	314	8,861	945
4	Self-Inf. Poison	Unint. Unspec.	Unint. MVT Occ.	Self-Inf. Poison	Unint. Poison
	6,658	1,071	289	8,325	849
5	Unint. Other Spec. Class.	Unint. MVT Occ.	Assault Struck By, Against	Unint. Poison	Unint. Struck By, Against
	4,806	1,030	174	7,214	845
6	Unint. Poison	Assault Firearm	Unint. Unspec.	Unint. Other Spec. Class.	Unint. Trans. Other
	4,703	893	166	5,796	614
7	Unint. Struck By, Against	Assault Struck By, Against	Unint. Other Spec. Class.	Unint. Struck By, Against	Unint. Other Spec. Class.
	2,517	790	143	3,138	555
8	Unint. Overexertion	Unint. Other Spec. Class.	Unint. MVT Ped.	Unint. Overexertion	Unint. MVT Ped.
	2,219	610	101	2,537	439
9	Undet. Unspec.	Undet. Poison	Undet. Poison	Undet. Unspec.	Unint. Ped. Cyc. Other
	2,159	528	89	2,530	403
10	Unint. Trans. Other	Unint. Struck By, Against	Assault Firearm	Unint. Other Spec., NEC	Unint. Unspec.
	1,955	383	86	2,407	385

*Hispanic ethnicity can include any race.

Definitions and ICD-9-CM coding

Unint. Cut/Pierce – Unintentional cutting or piercing injuries (E920)

Unint. Fall – Unintentional falls (E880-E886, E888)

Unint. Hot Obj./Subs. – Unintentional injury from contact with a hot object or substance. Excludes fire/flame injuries (E924)

Unint. MVT Occ. – Unintentional injuries to motor vehicle occupants as a result of traffic crashes (E810-E819 (.0,.1))

Unint. MVT Mtrcyc. – Unintentional injuries to motorcyclists as a result of traffic crashes (E810-E819 (.2,.3))

Unint. MVT Ped. – Unintentional injuries to pedestrians as a result of traffic crashes (E810-E819 (.7))

Unint. Ped. Cyc., oth. – Unintentional injuries to pedal cyclists (i.e. bicyclists) as a result of incidents other than motor vehicle traffic crashes. (E800-E807 (.3), E820-E825 (.6), E826 (.1,.9), E827-E829 (.1))

Unint. Trans., oth. – Unintentional injuries as a result of incidents involving other forms of transportation (E800-E807 (.0,.1,.8,.9), E820-E825 (.0-.5,.8,.9), E826 (.2-.8), E827-E829 (.2-.9), E831, E833-E845)

Unint. Bites, Stings – Unintentional injuries caused by bites or stings (E905 (.0-.1, .3-.6,.9), E906 (.0-.5,.9))

Unint. Other nat'l/env'tl – Unintentional injuries caused by other natural or environmental factors (E900-E904, E905 (.2,.7,.8), E906.8, E907-E909, E928(.0-.2))

Unint. Overexertion – Unintentional injuries caused by overexertion (sprains and strains) (E927)

Unint. Poison – Unintentional injuries caused by exposure to drugs, alcohol, gases, and other chemicals and noxious substances (E850-E869)

Unint. Struck by, against – Unintentional injuries caused by being struck by or against an person or object (E916-E917)

Unint. Suffocation – Unintentional suffocations (E911-E913)

Unint. Other Spec. Class. – Other specified and classifiable unintentional injuries (E846-E848, E914-E915, E918, E921, E922.4, E923, E925-E926, E928.3, E929 (.0-.5))

Unint. Other Spec., NEC – Other specified unintentional injuries which are not elsewhere classifiable (E928-E929 (.8))

Unint. Unspec. – Unspecified unintentional injuries (E887, E928-E929 (.9))

Self-Inf. Cut/Pierce – Intentionally self-inflicted cutting or piercing injuries (E956)

Self-Inf. Poison – Intentionally self-inflicted injuries caused by exposure to drugs, alcohol, gases, and other chemicals and noxious substances (E950-E952)

Assault Firearm – Injuries caused by assault with a firearm (E965 (.0-.4), E979.4)

Assault Struck by, against – Injuries caused by intentional striking or causing an object to strike another person (E960.0, E968.2)

Assault Other Spec. Class. – Other specified and classifiable injuries as a result of assault (E960.1, E965 (.5-.9), E967, E968 (.4,.6))

Undet. Poison – Injuries of undetermined intent caused by exposure to drugs, alcohol, gases, and other chemicals and noxious substances (E980-E982)

Undet. Unspec. – Unspecified injuries of undetermined intent (E988.9)

**ALL INJURY HOSPITALIZATIONS
TOTAL NUMBER OF HOSPITALIZATIONS AND AGE-SPECIFIC HOSPITALIZATIONS RATES,
MECHANISM BY AGE GROUP (0-44), MALES, 2006**

Hospitalization Mechanisms	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	7.0	33	8.4	41	9.8	201	43.0	356	80.6	303	82.1	236	62.7	216	52.4	284	63.1
Drowning/Submersion	18	4.8	7	-	4	-	6	-	1	-	4	-	3	-	1	-	0	-
Fall	444	118.7	342	87.3	435	104.4	479	102.5	461	104.4	454	123.0	469	124.6	625	151.5	938	208.4
Fire/Flame	10	2.7	10	2.6	26	6.2	44	9.4	35	7.9	36	9.8	39	10.4	50	12.1	56	12.4
Hot Object/Substance	128	34.2	18	4.6	8	-	19	4.1	32	7.2	38	10.3	31	8.2	40	9.7	50	11.1
Firearm	2	-	4	-	22	5.3	354	75.7	394	89.2	282	76.4	185	49.2	130	31.5	76	16.9
Machinery	6	-	5	-	12	2.9	30	6.4	63	14.3	41	11.1	48	12.8	57	13.8	77	17.1
<i>Total MVT</i>	93	24.9	177	45.2	274	65.7	1,023	218.8	1,289	291.9	800	216.8	626	166.4	706	171.1	689	153.1
MVT Occupant	45	12.0	54	13.8	90	21.6	776	166.0	913	206.8	543	147.1	401	106.6	423	102.5	384	85.3
MVT Motorcyclist	0	-	6	-	13	3.1	113	24.2	236	53.4	174	47.2	149	39.6	181	43.9	201	44.7
MVT Pedal Cyclist	4	-	33	8.4	78	18.7	36	7.7	21	4.8	4	-	7	-	16	3.9	20	4.4
MVT Pedestrian	43	11.5	80	20.4	87	20.9	60	12.8	75	17.0	46	12.5	39	10.4	42	10.2	61	13.6
MVT Unspecified	0	-	0	-	1	-	30	6.4	36	8.2	28	7.6	24	6.4	35	8.5	19	4.2
MVT Other	1	-	4	-	5	-	8	-	8	-	5	-	6	-	9	-	4	-
Pedal cyclist, other	16	4.3	77	19.7	150	36.0	71	15.2	24	5.4	13	3.5	21	5.6	25	6.1	44	9.8
Pedestrian, other	7	-	6	-	1	-	5	-	5	-	7	-	5	-	5	-	8	-
Transport, other	8	-	39	10.0	154	36.9	263	56.3	164	37.1	128	34.7	109	29.0	112	27.1	113	25.1
Bites and Stings	65	17.4	49	12.5	32	7.7	51	10.9	72	16.3	63	17.1	66	17.5	101	24.5	86	19.1
Other natural and environmental factors	32	8.6	10	2.6	8	-	14	3.0	20	4.5	15	4.1	34	9.0	26	6.3	43	9.6
Overexertion	7	-	2	-	25	6.0	66	14.1	62	14.0	65	17.6	93	24.7	93	22.5	106	23.5
Poisoning	227	60.7	36	9.2	65	15.6	562	120.2	837	189.5	771	208.9	762	202.5	861	208.7	1,108	246.1
Struck by, against	44	11.8	78	19.9	255	61.2	580	124.1	439	99.4	335	90.8	282	74.9	305	73.9	395	87.7
Suffocation	42	11.2	8	-	3	-	19	4.1	19	4.3	18	4.9	21	5.6	27	6.5	33	7.3
Other specified and classifiable	116	31.0	72	18.4	88	21.1	134	28.7	212	48.0	232	62.9	178	47.3	293	71.0	336	74.6
Other specified, NEC	49	13.1	13	3.3	45	10.8	123	26.3	173	39.2	163	44.2	176	46.8	183	44.4	232	51.5
Unspecified	122	32.6	33	8.4	77	18.5	233	49.8	266	60.2	265	71.8	241	64.0	288	69.8	426	94.6
<i>Total</i>	1,462	390.8	1,019	260.2	1,725	413.9	4,277	914.8	4,925	1115.3	4,033	1092.9	3,625	963.3	4,144	1004.4	5,100	1133.0

**ALL INJURY HOSPITALIZATIONS
TOTAL NUMBER OF HOSPITALIZATIONS AND AGE-SPECIFIC HOSPITALIZATIONS RATES,
MECHANISM BY AGE GROUP (45-85+), MALES, 2006**

Hospitalization Mechanisms	45-49		50-54		55-59		60-64		65-69		70-74		75-79		80-84		85+	
	No.	Rate																
Cut/Pierce	233	50.6	172	39.8	98	26.2	78	25.8	65	27.0	44	22.3	53	33.5	31	28.8	30	47.5
Drowning/Submersion	4	-	4	-	0	-	2	-	0	-	2	-	0	-	0	-	0	-
Fall	1,253	272.3	1,257	291.1	1,353	361.5	1,303	430.8	1,406	584.6	1,736	878.6	2,670	1687.9	3,337	3101.7	4,385	6938.8
Fire/Flame	62	13.5	54	12.5	47	12.6	17	5.6	24	10.0	31	15.7	31	19.6	13	12.1	22	34.8
Hot Object/Substance	58	12.6	43	10.0	41	11.0	40	13.2	27	11.2	15	7.6	18	11.4	20	18.6	12	19.0
Firearm	56	12.2	33	7.6	20	5.3	17	5.6	11	4.6	8	-	6	-	2	-	11	17.4
Machinery	69	15.0	63	14.6	58	15.5	34	11.2	28	11.6	19	9.6	21	13.3	17	15.8	7	-
<i>Total MVT</i>	717	155.8	677	156.8	521	139.2	391	129.3	263	109.3	251	127.0	264	166.9	234	217.5	170	269.0
MVT Occupant	376	81.7	389	90.1	327	87.4	245	81.0	186	77.3	198	100.2	212	134.0	191	177.5	141	223.1
MVT Motorcyclist	218	47.4	167	38.7	118	31.5	68	22.5	26	10.8	16	8.1	2	-	4	-	2	-
MVT Pedal Cyclist	18	3.9	20	4.6	9	-	8	-	3	-	1	-	2	-	0	-	1	-
MVT Pedestrian	70	15.2	62	14.4	45	12.0	41	13.6	25	10.4	22	11.1	29	18.3	27	25.1	16	25.3
MVT Unspecified	25	5.4	34	7.9	20	5.3	25	8.3	20	8.3	11	5.6	16	10.1	11	10.2	9	-
MVT Other	10	2.2	5	-	2	-	4	-	3	-	3	-	3	-	1	-	1	-
Pedal cyclist, other	43	9.3	41	9.5	29	7.7	29	9.6	16	6.7	11	5.6	5	-	6	-	2	-
Pedestrian, other	5	-	4	-	8	-	1	-	5	-	3	-	3	-	1	-	6	-
Transport, other	99	21.5	72	16.7	57	15.2	48	15.9	31	12.9	36	18.2	29	18.3	26	24.2	28	44.3
Bites and Stings	94	20.4	88	20.4	60	16.0	55	18.2	40	16.6	41	20.8	37	23.4	34	31.6	13	20.6
Other natural and environmental factors	61	13.3	65	15.1	51	13.6	41	13.6	42	17.5	45	22.8	33	20.9	56	52.1	66	104.4
Overexertion	111	24.1	109	25.2	88	23.5	72	23.8	76	31.6	57	28.8	72	45.5	83	77.1	52	82.3
Poisoning	1,057	229.7	814	188.5	535	143.0	280	92.6	181	75.3	159	80.5	144	91.0	146	135.7	92	145.6
Struck by, against	344	74.8	256	59.3	186	49.7	124	41.0	101	42.0	77	39.0	77	48.7	68	63.2	49	77.5
Suffocation	29	6.3	32	7.4	43	11.5	46	15.2	62	25.8	67	33.9	78	49.3	96	89.2	114	180.4
Other specified and classifiable	330	71.7	319	73.9	316	84.4	192	63.5	153	63.6	169	85.5	216	136.5	152	141.3	184	291.2
Other specified, NEC	214	46.5	178	41.2	178	47.6	122	40.3	90	37.4	97	49.1	86	54.4	96	89.2	87	137.7
Unspecified	477	103.7	462	107.0	467	124.8	353	116.7	350	145.5	366	185.2	453	286.4	471	437.8	629	995.3
<i>Total</i>	5,316	1155.3	4,743	1098.4	4,157	1110.8	3,245	1072.9	2,971	1235.2	3,234	1636.8	4,297	2716.4	4,889	4544.3	5,959	9429.5

**ALL INJURY HOSPITALIZATIONS
TOTAL NUMBER OF HOSPITALIZATIONS AND AGE-SPECIFIC HOSPITALIZATIONS RATES,
MECHANISM BY AGE GROUP (0-44), FEMALES, 2006**

Hospitalization Mechanisms	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	10	2.8	11	2.9	38	9.5	172	37.3	152	35.3	134	37.7	113	30.2	98	23.4	110	23.9
Drowning/Submersion	13	3.6	4	-	1	-	2	-	0	-	1	-	1	-	1	-	1	-
Fall	289	80.9	245	65.4	166	41.5	183	39.7	235	54.5	254	71.5	294	78.5	380	90.7	608	132.3
Fire/Flame	15	4.2	5	-	6	-	10	2.2	13	3.0	12	3.4	21	5.6	26	6.2	28	6.1
Hot Object/Substance	87	24.4	16	4.3	16	4.0	11	2.4	15	3.5	17	4.8	20	5.3	23	5.5	36	7.8
Firearm	3	-	3	-	9	-	19	4.1	26	6.0	25	7.0	14	3.7	15	3.6	11	2.4
Machinery	5	-	2	-	0	-	1	-	3	-	5	-	4	-	5	-	9	-
<i>Total MVT</i>	57	16.0	112	29.9	139	34.8	693	150.5	644	149.5	411	115.7	317	84.6	348	83.1	450	97.9
MVT Occupant	40	11.2	60	16.0	72	18.0	594	129.0	533	123.7	339	95.4	236	63.0	272	64.9	340	74.0
MVT Motorcyclist	1	-	0	-	1	-	11	2.4	21	4.9	12	3.4	19	5.1	25	6.0	38	8.3
MVT Pedal Cyclist	0	-	9	-	13	3.3	2	-	6	-	0	-	4	-	8	-	3	-
MVT Pedestrian	16	4.5	42	11.2	53	13.3	58	12.6	40	9.3	34	9.6	27	7.2	23	5.5	37	8.0
MVT Unspecified	0	-	0	-	0	-	16	3.5	34	7.9	19	5.3	23	6.1	16	3.8	31	6.7
MVT Other	0	-	1	-	0	-	12	2.6	10	2.3	7	-	8	-	4	-	1	-
Pedal cyclist, other	5	-	38	10.1	36	9.0	10	2.2	10	2.3	7	-	6	-	10	2.4	8	-
Pedestrian, other	2	-	3	-	2	-	3	-	1	-	2	-	2	-	1	-	6	-
Transport, other	8	-	25	6.7	51	12.8	66	14.3	31	7.2	26	7.3	37	9.9	47	11.2	51	11.1
Bites and Stings	57	16.0	30	8.0	39	9.8	45	9.8	50	11.6	51	14.4	63	16.8	74	17.7	87	18.9
Other natural and environmental factors	21	5.9	5	-	17	4.3	6	-	6	-	7	-	7	-	19	4.5	18	3.9
Overexertion	3	-	5	-	20	5.0	26	5.6	30	7.0	31	8.7	39	10.4	49	11.7	54	11.7
Poisoning	169	47.3	39	10.4	133	33.3	730	158.5	807	187.3	750	211.1	683	182.3	960	229.1	1,137	247.3
Struck by, against	46	12.9	24	6.4	47	11.8	90	19.5	86	20.0	80	22.5	72	19.2	72	17.2	96	20.9
Suffocation	30	8.4	2	-	2	-	15	3.3	9	-	11	3.1	9	-	12	2.9	16	3.5
Other specified and classifiable	131	36.7	42	11.2	39	9.8	77	16.7	111	25.8	109	30.7	101	27.0	127	30.3	157	34.2
Other specified, NEC	29	8.1	9	-	15	3.8	48	10.4	50	11.6	55	15.5	67	17.9	66	15.8	83	18.1
Unspecified	76	21.3	27	7.2	35	8.8	110	23.9	122	28.3	116	32.7	139	37.1	162	38.7	233	50.7
<i>Total</i>	1,056	295.8	647	172.8	811	203.0	2,317	503.1	2,401	557.2	2,104	592.3	2,009	536.3	2,495	595.4	3,199	695.9

**ALL INJURY HOSPITALIZATIONS
TOTAL NUMBER OF HOSPITALIZATIONS AND AGE-SPECIFIC HOSPITALIZATIONS RATES,
MECHANISM BY AGE GROUP (45-85+), FEMALES, 2006**

Hospitalization Mechanisms	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								
Cut/Pierce	111	23.5	72	16.0	38	9.5	21	6.3	18	6.3	17	6.6	21	9.1	14	7.8	30	18.1
Drowning/Submersion	3	-	1	-	3	-	0	-	0	-	0	-	0	-	2	-	0	-
Fall	894	188.9	1,188	264.1	1,535	384.3	1,651	495.1	2,020	708.5	3,071	1198.7	5,268	2271.9	7,945	4421.4	13,894	8399.1
Fire/Flame	31	6.6	32	7.1	17	4.3	20	6.0	21	7.4	19	7.4	15	6.5	17	9.5	23	13.9
Hot Object/Substance	30	6.3	32	7.1	26	6.5	18	5.4	21	7.4	15	5.9	30	12.9	27	15.0	35	21.2
Firearm	10	2.1	8	-	1	-	1	-	1	-	0	-	1	-	1	-	0	-
Machinery	12	2.5	4	-	8	-	7	-	1	-	7	-	3	-	2	-	3	-
<i>Total MVT</i>	403	85.2	362	80.5	318	79.6	268	80.4	239	83.8	254	99.1	346	149.2	290	161.4	240	145.1
MVT Occupant	290	61.3	273	60.7	254	63.6	213	63.9	197	69.1	210	82.0	287	123.8	234	130.2	193	116.7
MVT Motorcyclist	34	7.2	27	6.0	16	4.0	2	-	1	-	0	-	0	-	0	-	0	-
MVT Pedal Cyclist	1	-	2	-	1	-	1	-	0	-	0	-	0	-	0	-	0	-
MVT Pedestrian	46	9.7	36	8.0	27	6.8	31	9.3	19	6.7	27	10.5	30	12.9	39	21.7	28	16.9
MVT Unspecified	27	5.7	21	4.7	17	4.3	20	6.0	20	7.0	15	5.9	27	11.6	17	9.5	15	9.1
MVT Other	5	-	3	-	3	-	1	-	2	-	2	-	2	-	0	-	4	-
Pedal cyclist, other	11	2.3	7	-	6	-	7	-	7	-	4	-	1	-	4	-	2	-
Pedestrian, other	1	-	3	-	1	-	1	-	3	-	4	-	2	-	6	-	2	-
Transport, other	47	9.9	55	12.2	33	8.3	27	8.1	19	6.7	24	9.4	31	13.4	39	21.7	32	19.3
Bites and Stings	110	23.2	101	22.4	73	18.3	65	19.5	46	16.1	39	15.2	57	24.6	61	33.9	45	27.2
Other natural and environmental factors	27	5.7	34	7.6	37	9.3	16	4.8	35	12.3	23	9.0	54	23.3	69	38.4	97	58.6
Overexertion	77	16.3	68	15.1	71	17.8	85	25.5	98	34.4	128	50.0	150	64.7	167	92.9	197	119.1
Poisoning	1,061	224.2	704	156.5	406	101.7	276	82.8	206	72.3	223	87.0	205	88.4	243	135.2	210	126.9
Struck by, against	90	19.0	72	16.0	52	13.0	42	12.6	50	17.5	61	23.8	88	38.0	107	59.5	179	108.2
Suffocation	19	4.0	33	7.3	32	8.0	27	8.1	29	10.2	51	19.9	67	28.9	93	51.8	154	93.1
Other specified and classifiable	165	34.9	182	40.5	161	40.3	144	43.2	146	51.2	143	55.8	197	85.0	200	111.3	278	168.1
Other specified, NEC	86	18.2	87	19.3	77	19.3	65	19.5	65	22.8	81	31.6	111	47.9	136	75.7	174	105.2
Unspecified	301	63.6	319	70.9	338	84.6	324	97.2	394	138.2	504	196.7	679	292.8	911	507.0	1,365	825.2
<i>Total</i>	3,489	737.3	3,364	747.7	3,233	809.5	3,065	919.1	3,419	1199.2	4,670	1822.9	7,327	3159.9	10,336	5752.0	16,960	10253

**ALL INJURY HOSPITALIZATIONS
TOTAL NUMBER OF HOSPITALIZATIONS AND AGE-SPECIFIC HOSPITALIZATIONS RATES,
MECHANISM BY AGE GROUP (0-44), BLACK RACE, 2006**

Hospitalization Mechanisms	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	8	-	10	9.7	11	9.7	80	65.1	92	79.6	79	81.5	70	79.7	68	75.6	77	82.9
Drowning/Submersion	3	-	2	-	1	-	1	-	0	-	0	-	0	-	0	-	0	-
Fall	132	132.6	83	80.7	103	91.0	110	89.6	92	79.6	103	106.3	139	158.3	150	166.8	237	255.3
Fire/Flame	8	-	4	-	3	-	4	-	4	-	7	-	11	12.5	9	-	14	15.1
Hot Object/Substance	63	63.3	10	9.7	12	10.6	4	-	10	8.7	6	-	6	-	9	-	15	16.2
Firearm	4	-	2	-	19	16.8	275	223.9	294	254.3	211	217.7	127	144.6	85	94.5	46	49.5
Machinery	0	-	0	-	0	-	5	-	2	-	3	-	8	-	5	-	7	-
<i>Total MVT</i>	41	41.2	81	78.7	95	84.0	174	141.7	198	171.3	188	194.0	135	153.8	132	146.8	125	134.6
MVT Occupant	12	12.1	19	18.5	22	19.4	117	95.3	147	127.2	135	139.3	83	94.5	85	94.5	76	81.9
MVT Motorcyclist	1	-	0	-	3	-	20	16.3	25	21.6	19	19.6	26	29.6	18	20.0	13	14.0
MVT Pedal Cyclist	3	-	16	15.5	24	21.2	8	-	5	-	1	-	1	-	4	-	4	-
MVT Pedestrian	25	25.1	44	42.8	45	39.8	22	17.9	17	14.7	22	22.7	15	17.1	15	16.7	25	26.9
MVT Unspecified	0	-	0	-	0	-	7	-	2	-	8	-	7	-	8	-	7	-
MVT Other	0	-	2	-	1	-	0	-	2	-	3	-	3	-	2	-	0	-
Pedal cyclist, other	3	-	22	21.4	16	14.1	4	-	2	-	3	-	0	-	1	-	6	-
Pedestrian, other	3	-	2	-	1	-	2	-	0	-	2	-	1	-	1	-	0	-
Transport, other	0	-	3	-	5	-	15	12.2	8	-	9	-	4	-	3	-	4	-
Bites and Stings	23	23.1	12	11.7	16	14.1	28	22.8	17	14.7	24	24.8	17	19.4	26	28.9	27	29.1
Other natural and environmental factors	15	15.1	3	-	4	-	4	-	3	-	5	-	8	-	13	14.5	14	15.1
Overexertion	1	-	2	-	7	-	16	13.0	13	11.2	17	17.5	20	22.8	17	18.9	18	19.4
Poisoning	149	149.7	29	28.2	45	39.8	147	119.7	186	160.9	229	236.3	281	320.0	421	468.1	566	609.6
Struck by, against	20	20.1	21	20.4	62	54.8	171	139.2	116	100.4	91	93.9	92	104.8	121	134.5	139	149.7
Suffocation	12	12.1	1	-	0	-	3	-	5	-	6	-	5	-	6	-	7	-
Other specified and classifiable	63	63.3	32	31.1	26	23.0	35	28.5	39	33.7	34	35.1	40	45.6	71	78.9	68	73.2
Other specified, NEC	27	27.1	7	-	15	13.3	53	43.2	80	69.2	77	79.5	91	103.6	89	99.0	85	91.5
Unspecified	56	56.3	16	15.5	24	21.2	71	57.8	86	74.4	84	86.7	86	97.9	92	102.3	132	142.2
<i>Total</i>	631	634.0	342	332.3	465	411.0	1,202	978.7	1,248	1079.7	1,178	1215.5	1,141	1299.5	1,319	1466.6	1,587	1709.2

**ALL INJURY HOSPITALIZATIONS
TOTAL NUMBER OF HOSPITALIZATIONS AND AGE-SPECIFIC HOSPITALIZATIONS RATES,
MECHANISM BY AGE GROUP (45-85+), BLACK RACE, 2006**

Hospitalization Mechanisms	45-49		50-54		55-59		60-64		65-69		70-74		75-79		80-84		85+	
	No.	Rate	No.	Rate														
Cut/Pierce	64	72.3	43	56.1	26	42.0	17	35.8	11	29.2	7	-	7	-	0	-	6	-
Drowning/Submersion	2	-	1	-	0	-	0	-	0	-	1	-	0	-	0	-	0	-
Fall	291	328.6	297	387.3	337	544.1	259	545.3	286	759.9	308	951.7	363	1451.7	389	2197.6	518	3614.3
Fire/Flame	13	14.7	12	15.6	9	-	7	-	8	-	5	-	4	-	3	-	8	-
Hot Object/Substance	22	24.8	13	17.0	19	30.7	13	27.4	6	-	4	-	8	-	4	-	3	-
Firearm	33	37.3	18	23.5	9	-	8	-	4	-	2	-	1	-	0	-	4	-
Machinery	7	-	7	-	3	-	0	-	0	-	0	-	0	-	0	-	1	-
<i>Total MVT</i>	129	145.6	109	142.1	88	142.1	64	134.8	38	101.0	47	145.2	31	124.0	14	79.1	19	132.6
MVT Occupant	74	83.6	63	82.2	59	95.3	39	82.1	25	66.4	30	92.7	23	92.0	10	56.5	11	76.8
MVT Motorcyclist	12	13.5	5	-	5	-	1	-	1	-	2	-	0	-	0	-	1	-
MVT Pedal Cyclist	7	-	6	-	2	-	2	-	0	-	0	-	0	-	0	-	0	-
MVT Pedestrian	30	33.9	29	37.8	19	30.7	16	33.7	3	-	10	30.9	7	-	4	-	5	-
MVT Unspecified	5	-	5	-	3	-	5	-	7	-	5	-	1	-	0	-	2	-
MVT Other	1	-	1	-	0	-	1	-	2	-	0	-	0	-	0	-	0	-
Pedal cyclist, other	8	-	4	-	6	-	1	-	0	-	2	-	0	-	0	-	0	-
Pedestrian, other	0	-	1	-	1	-	0	-	1	-	0	-	0	-	0	-	0	-
Transport, other	1	-	7	-	3	-	0	-	0	-	1	-	1	-	0	-	2	-
Bites and Stings	28	31.6	20	26.1	13	21.0	10	21.1	4	-	3	-	3	-	1	-	3	-
Other natural and environmental factors	16	18.1	26	33.9	23	37.1	14	29.5	13	34.5	13	40.2	12	48.0	21	118.6	25	174.4
Overexertion	34	38.4	19	24.8	11	17.8	13	27.4	8	-	10	30.9	3	-	6	-	4	-
Poisoning	572	645.8	453	590.7	215	347.1	93	195.8	60	159.4	54	166.9	35	140.0	36	203.4	23	160.5
Struck by, against	138	155.8	80	104.3	53	85.6	23	48.4	22	58.5	10	30.9	10	40.0	9	-	9	-
Suffocation	9	-	13	17.0	8	-	9	-	12	31.9	15	46.3	16	64.0	8	-	10	69.8
Other specified and classifiable	46	51.9	57	74.3	49	79.1	31	65.3	27	71.7	28	86.5	30	120.0	18	101.7	33	230.3
Other specified, NEC	88	99.4	65	84.8	53	85.6	28	59.0	23	61.1	19	58.7	23	92.0	22	124.3	17	118.6
Unspecified	169	190.8	154	200.8	121	195.4	92	193.7	67	178.0	64	197.8	73	291.9	68	384.2	87	607.0
<i>Total</i>	1,670	1885.5	1,399	1824.4	1,047	1690.5	682	1435.9	590	1567.5	593	1832.3	620	2479.4	599	3384.0	772	5386.5

**ALL INJURY HOSPITALIZATIONS
TOTAL NUMBER OF HOSPITALIZATIONS AND AGE-SPECIFIC HOSPITALIZATIONS RATES,
MECHANISM BY AGE GROUP (0-44), WHITE RACE, 2006**

Hospitalization Mechanisms	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	24	4.1	30	4.8	63	9.4	251	32.7	345	48.0	311	52.4	236	37.8	206	29.1	282	35.8
Drowning/Submersion	21	3.6	7	-	3	-	5	-	1	-	3	-	2	-	2	-	1	-
Fall	466	78.9	439	70.5	448	67.0	487	63.5	529	73.6	521	87.8	536	85.8	779	110.1	1,201	152.5
Fire/Flame	8	-	9	-	23	3.4	41	5.3	38	5.3	37	6.2	38	6.1	53	7.5	60	7.6
Hot Object/Substance	97	16.4	16	2.6	9	-	22	2.9	28	3.9	44	7.4	39	6.2	49	6.9	59	7.5
Firearm	1	-	4	-	12	1.8	44	5.7	68	9.5	58	9.8	39	6.2	38	5.4	28	3.6
Machinery	10	1.7	6	-	12	1.8	22	2.9	50	7.0	35	5.9	33	5.3	51	7.2	71	9.0
<i>Total MVT</i>	72	12.2	150	24.1	252	37.7	1,345	175.3	1,499	208.4	891	150.2	672	107.5	792	112.0	891	113.2
MVT Occupant	48	8.1	70	11.2	117	17.5	1,115	145.3	1,125	156.4	648	109.2	466	74.6	525	74.2	574	72.9
MVT Motorcyclist	0	-	6	-	10	1.5	85	11.1	204	28.4	146	24.6	121	19.4	161	22.8	208	26.4
MVT Pedal Cyclist	0	-	21	3.4	45	6.7	22	2.9	19	2.6	1	-	9	-	18	2.5	14	1.8
MVT Pedestrian	23	3.9	50	8.0	75	11.2	70	9.1	79	11.0	51	8.6	36	5.8	40	5.7	50	6.4
MVT Unspecified	0	-	0	-	1	-	35	4.6	59	8.2	37	6.2	32	5.1	38	5.4	41	5.2
MVT Other	1	-	3	-	4	-	18	2.3	13	1.8	8	-	8	-	10	1.4	4	-
Pedal cyclist, other	17	2.9	81	13.0	155	23.2	70	9.1	28	3.9	14	2.4	24	3.8	28	4.0	44	5.6
Pedestrian, other	4	-	5	-	2	-	5	-	4	-	6	-	6	-	3	-	14	1.8
Transport, other	15	2.5	56	9.0	191	28.6	296	38.6	172	23.9	132	22.3	125	20.0	137	19.4	153	19.4
Bites and Stings	84	14.2	59	9.5	49	7.3	61	7.9	94	13.1	82	13.8	107	17.1	135	19.1	139	17.7
Other natural and environmental factors	30	5.1	11	1.8	20	3.0	13	1.7	22	3.1	14	2.4	28	4.5	26	3.7	44	5.6
Overexertion	7	-	5	-	38	5.7	71	9.3	72	10.0	75	12.6	97	15.5	118	16.7	132	16.8
Poisoning	182	30.8	29	4.7	129	19.3	1,029	134.1	1,331	185.1	1,151	194.0	1,046	167.3	1,257	177.7	1,535	194.9
Struck by, against	53	9.0	66	10.6	217	32.5	425	55.4	337	46.9	256	43.2	224	35.8	215	30.4	313	39.8
Suffocation	51	8.6	7	-	4	-	27	3.5	21	2.9	18	3.0	22	3.5	28	4.0	41	5.2
Other specified and classifiable	149	25.2	59	9.5	86	12.9	154	20.1	243	33.8	265	44.7	226	36.2	325	45.9	392	49.8
Other specified, NEC	42	7.1	11	1.8	40	6.0	102	13.3	126	17.5	118	19.9	135	21.6	144	20.4	206	26.2
Unspecified	99	16.8	34	5.5	81	12.1	233	30.4	267	37.1	254	42.8	249	39.8	321	45.4	490	62.2
<i>Total</i>	1,432	242.5	1,084	174.1	1,834	274.4	4,703	612.8	5,275	733.4	4,285	722.4	3,884	621.4	4,707	665.5	6,096	774.2

**ALL INJURY HOSPITALIZATIONS
TOTAL NUMBER OF HOSPITALIZATIONS AND AGE-SPECIFIC HOSPITALIZATIONS RATES,
MECHANISM BY AGE GROUP (45-85+), WHITE RACE, 2006**

Hospitalization Mechanisms	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								
Cut/Pierce	253	30.9	183	23.4	104	15.0	76	13.2	68	14.2	51	12.3	65	18.0	45	16.9	52	24.5
Drowning/Submersion	5	-	2	-	3	-	2	-	0	-	1	-	0	-	2	-	0	-
Fall	1,712	208.9	2,014	257.2	2,380	343.2	2,542	442.4	2,983	623.9	4,303	1038.6	7,304	2026.8	10,521	3945.0	17,143	8090.5
Fire/Flame	67	8.2	60	7.7	41	5.9	25	4.4	35	7.3	39	9.4	38	10.5	24	9.0	36	17.0
Hot Object/Substance	60	7.3	54	6.9	41	5.9	41	7.1	38	7.9	23	5.6	40	11.1	38	14.2	41	19.3
Firearm	24	2.9	17	2.2	11	1.6	8	-	6	-	5	-	6	-	3	-	5	-
Machinery	64	7.8	56	7.2	59	8.5	38	6.6	28	5.9	26	6.3	23	6.4	17	6.4	9	-
<i>Total MVT</i>	908	110.8	840	107.3	674	97.2	544	94.7	420	87.8	413	99.7	541	150.1	478	179.2	363	171.3
MVT Occupant	546	66.6	541	69.1	468	67.5	383	66.7	327	68.4	339	81.8	446	123.8	390	146.2	301	142.1
MVT Motorcyclist	221	27.0	179	22.9	123	17.7	67	11.7	23	4.8	14	3.4	2	-	4	-	1	-
MVT Pedal Cyclist	10	1.2	12	1.5	7	-	4	-	3	-	1	-	2	-	0	-	0	-
MVT Pedestrian	72	8.8	57	7.3	42	6.1	49	8.5	34	7.1	34	8.2	46	12.8	55	20.6	35	16.5
MVT Unspecified	45	5.5	45	5.7	29	4.2	37	6.4	30	6.3	21	5.1	40	11.1	28	10.5	21	9.9
MVT Other	14	1.7	6	-	5	-	4	-	3	-	4	-	5	-	1	-	5	-
Pedal cyclist, other	44	5.4	40	5.1	27	3.9	33	5.7	19	4.0	13	3.1	6	-	9	-	4	-
Pedestrian, other	5	-	6	-	7	-	2	-	6	-	6	-	5	-	7	-	8	-
Transport, other	133	16.2	113	14.4	79	11.4	74	12.9	48	10.0	56	13.5	56	15.5	64	24.0	55	26.0
Bites and Stings	168	20.5	158	20.2	114	16.4	103	17.9	79	16.5	75	18.1	88	24.4	94	35.2	52	24.5
Other natural and environmental factors	70	8.5	66	8.4	60	8.7	43	7.5	57	11.9	48	11.6	71	19.7	101	37.9	137	64.7
Overexertion	147	17.9	150	19.2	147	21.2	140	24.4	163	34.1	166	40.1	212	58.8	239	89.6	240	113.3
Poisoning	1,435	175.1	1,000	127.7	678	97.8	422	73.4	309	64.6	312	75.3	299	83.0	331	124.1	267	126.0
Struck by, against	250	30.5	217	27.7	172	24.8	129	22.4	120	25.1	123	29.7	153	42.5	163	61.1	210	99.1
Suffocation	37	4.5	47	6.0	63	9.1	62	10.8	75	15.7	100	24.1	121	33.6	173	64.9	252	118.9
Other specified and classifiable	410	50.0	411	52.5	390	56.2	287	49.9	265	55.4	269	64.9	368	102.1	324	121.5	416	196.3
Other specified, NEC	192	23.4	182	23.2	187	27.0	153	26.6	127	26.6	147	35.5	170	47.2	203	76.1	239	112.8
Unspecified	554	67.6	575	73.4	621	89.5	530	92.2	648	135.5	778	187.8	1,010	280.3	1,273	477.3	1,857	876.4
<i>Total</i>	6,538	797.6	6,191	790.5	5,858	844.6	5,254	914.3	5,494	1149.1	6,956	1678.9	10,578	2935.3	14,111	5291.1	21,386	10093

INJURY HOSPITALIZATION CHARGES BY MECHANISM AND INTENT, PENNSYLVANIA 2006
TOTAL NUMBER OF HOSPITALIZATIONS, SUM TOTAL CHARGES
AND MEDIAN CHARGES PER HOSPITALIZATION

Hospitalization Mechanisms	Unintentional			Self-Inflicted			Assault			Total (All Intents)***		
	No.	Sum	Median	No.	Sum	Median	No.	Sum	Median	No.	Sum	Median
Cut/Pierce	1,621	37,454,446	13,971	1,332	27,970,118	9,220	692	34,365,991	29,461	3,680	100,284,437	14,029
Drowning/Submersion	78	3,585,788	14,044	9	227,625	20,171	0	-	-	89	3,829,649	13,642
Fall	63,307	2,360,957,987	21,655	85	10,506,188	41,165	13	648,262	34,060	63,468	2,376,608,940	21,676
Fire/Flame	883	102,148,736	30,981	36	4,193,295	15,018	7	368,348	44,816	938	106,980,481	29,805
Hot Object/Substance	1,086	54,534,154	20,558	4	157,681	31,317	18	1,854,483	42,800	1,113	57,204,874	20,814
Firearm	320	17,632,447	26,714	92	10,087,409	41,406	1,212	169,068,331	54,597	1,762	210,277,402	46,582
Machinery	736	27,197,460	19,227	0	-	-	0	-	-	736	27,197,460	19,227
Total MVT*	15,020	1,008,035,905	29,214	23	1,006,353	18,143	12	798,345	49,051	15,058	1,009,877,423	29,201
MVT Occupant	10,532	651,548,311	28,113	0	-	-	0	-	-	10,532	651,548,311	28,113
MVT Motorcyclist	1,902	170,047,581	34,697	0	-	-	0	-	-	1,902	170,047,581	34,697
MVT Pedal Cyclist	332	16,943,759	27,936	0	-	-	0	-	-	332	16,943,759	27,936
MVT Pedestrian	1,483	126,464,101	36,351	0	-	-	0	-	-	1,483	126,464,101	36,351
MVT Unspecified	662	36,453,535	24,157	0	-	-	0	-	-	662	36,453,535	24,157
MVT Other	109	6,578,619	26,964	23	1,006,353	18,143	12	798,345	49,051	147	8,420,137	26,005
Pedal cyclist, other	802	24,173,488	17,617	0	-	-	0	-	-	802	24,173,488	17,617
Pedestrian, other	130	6,576,386	21,076	0	-	-	0	-	-	130	6,576,386	21,076
Transport, other	2,166	86,078,322	20,118	0	-	-	0	-	-	2,166	86,078,322	20,118
Bites and Stings	2,055	34,392,465	9,497	0	-	-	85	1,839,418	17,512	2,140	36,231,883	9,699
Other												
natural/environmental	1,149	41,893,915	16,498	2	19,334	9,667	0	-	-	1,161	42,190,795	16,498
Overexertion	2,537	59,997,944	15,362	0	-	-	0	-	-	2,537	59,997,944	15,362
Poisoning	7,214	205,251,976	14,135	8,325	153,994,935	9,518	9	344,673	26,860	17,579	416,146,462	11,898
Struck by, against	3,138	86,995,097	15,025	0	-	-	2,166	87,143,155	23,969	5,349	175,627,157	18,504
Suffocation	1,232	98,459,069	24,544	123	4,370,935	25,446	7	146,429	17,930	1,368	103,063,621	24,471
Other specified and classifiable	5,796	264,035,261	21,804	42	5,336,452	26,298	310	15,225,010	17,710	6,202	286,886,943	21,694
Other specified, NEC**	2,407	92,614,396	19,819	218	7,121,175	14,548	618	32,313,005	27,066	3,609	147,064,309	21,045
Unspecified	8,861	345,064,628	21,353	67	1,728,973	6,942	666	45,280,862	33,761	12,135	511,443,094	21,581
Total (All Mechanisms)	120,538	4,957,079,869	21,151	10,358	226,720,472	9,832	5,815	389,396,313	29,618	142,030	5,787,741,071	20,392

*Motor Vehicle Traffic **Not Elsewhere Classified ***All Intents also includes 'Other' and 'Undetermined' intents (not shown)

INJURY HOSPITALIZATION CHARGES BY DEMOGRAPHIC, PENNSYLVANIA 2006
TOTAL NUMBER OF HOSPITALIZATIONS, SUM TOTAL CHARGES
AND MEDIAN CHARGES PER HOSPITALIZATION

Age Group	Male			Female			White			Black		
	No.	Sum	Median	No.	Sum	Median	No.	Sum	Median	No.	Sum	Median
Under 5	1,190	27,268,909	10,887	873	20,728,839	9,744	1,432	29,277,469	9,247	631	18,720,279	13,354
5-9	885	19,568,660	12,160	541	10,616,616	12,335	1,084	20,565,879	11,489	342	9,619,398	14,159
10-14	1,568	40,717,213	14,125	730	17,135,608	12,611	1,833	41,528,550	12,836	465	16,324,272	17,226
15-19	3,819	157,711,492	18,652	2,086	57,427,988	13,879	4,703	153,746,626	15,651	1,202	61,392,854	24,689
20-24	4,358	208,505,301	21,046	2,165	71,004,619	14,537	5,275	199,821,892	16,640	1,248	79,688,028	30,669
25-29	3,569	183,451,788	20,684	1,894	57,373,987	14,913	4,285	165,575,201	16,901	1,178	75,250,575	27,885
30-34	3,188	168,505,381	18,936	1,836	54,713,779	14,579	3,883	148,824,988	15,202	1,141	74,394,171	26,993
35-39	3,718	164,373,027	19,793	2,308	74,178,000	14,802	4,707	167,621,586	15,663	1,319	70,929,440	27,079
40-44	4,687	207,506,933	20,432	2,996	94,594,945	15,969	6,096	221,329,000	16,836	1,587	80,772,879	26,537
45-49	4,915	222,772,064	21,716	3,292	116,368,157	17,710	6,537	247,288,351	18,114	1,670	91,851,870	29,456
50-54	4,426	213,461,340	22,343	3,164	127,887,359	19,164	6,191	251,779,179	19,523	1,399	89,569,520	29,753
55-59	3,868	201,031,827	23,144	3,037	118,872,198	21,044	5,858	247,714,099	20,787	1,047	72,189,926	32,369
60-64	3,046	156,765,014	23,560	2,890	115,966,545	21,162	5,254	220,735,180	21,068	682	51,996,379	36,297
65-69	2,804	128,316,559	22,127	3,280	130,594,870	21,174	5,494	220,127,123	20,736	590	38,784,306	33,972
70-74	3,094	151,998,625	23,206	4,455	170,850,334	21,533	6,956	279,539,651	21,442	593	43,309,308	36,859
75-79	4,117	193,359,457	23,795	7,081	263,481,825	21,470	10,578	411,248,478	21,837	620	45,592,804	35,871
80-84	4,702	200,800,565	23,269	10,008	339,791,576	21,211	14,111	500,957,686	21,349	599	39,634,456	35,827
85+	5,734	231,461,915	22,559	16,424	503,024,351	20,128	21,386	687,545,096	20,315	772	46,941,170	35,331
All Ages	63,688	2,877,576,072	21,011	69,060	2,344,611,596	19,115	115,663	4,215,226,034	19,042	17,085	1,006,961,635	28,279

Technical Notes

TECHNICAL NOTES

A. SOURCES OF DATA

1. Mortality:

Pennsylvania's Certificate of Death is the source document for the injury mortality data contained in this report. A copy of this certificate is available upon request. Death certificates are usually completed by hospital personnel, physicians and funeral directors.

There is a cut-off date of March 1st of the following year for compiling annual mortality files, e.g., the cut-off date for 2006 death certificates was March 1, 2007. Data pertaining to a 2006 death for which a certificate was filed after the March 1, 2007 deadline are not included in this report. Files are updated on an annual basis after the cut-off date. Data from certificates received after a cut-off date or corrections to previously filed records are made at these times. Therefore, it is possible that injury mortality data previously obtained from or published by the Bureau of Health Statistics and Research may differ slightly from the data which appear in this report.

2. Hospitalization:

The Pennsylvania Health Care Cost Containment Council (PHC4) is the source for all injury hospitalization data in this report. This data, which includes hospital charge and treatment information, is collected on a quarterly basis and is then verified by PHC4 staff. Please see the disclaimer below and the PHC4 website at www.phc4.org for more information.

Pennsylvania Health Care Cost Containment Council disclaimer:

"The Pennsylvania Health Care Cost Containment Council (PHC4) is an independent state agency responsible for addressing the problem of escalating health costs, ensuring the quality of health care, and increasing access to health care for all citizens regardless of ability to pay. PHC4 has provided data to this entity in an effort to further PHC4's mission of educating the public and containing health care costs in Pennsylvania.

PHC4, its agents, and staff, have made no representation, guarantee, or warranty, express or implied, that the data -- financial, patient, payor, and physician specific information -- provided to this entity, are errorfree, or that the use of the data will avoid differences of opinion or interpretation.

This analysis was not prepared by PHC4. This analysis was done by the Pennsylvania Department of Health, Bureau of Health Statistics and Research. PHC4, its agents and staff, bear no responsibility or liability for the results of the analysis, which are solely the opinion of this entity."

The hospitalization injury data set used in this report is a sub-set of the entire inpatient hospitalization data set received from PHC4. The following steps are used to create the hospitalization injury data set:

1. The total hospitalization data set, when received, is grouped by quarter. The four quarters are combined to get a data set for the entire year.
2. A list of facilities in operation for each of the four quarters, also from PHC4, is created. For this report only Specialty General Acute Care, Long Term Acute Care and General Acute Care Facilities are included.
3. The list of facilities is merged with the total hospitalization data set. Only hospitalizations of Pennsylvania residents treated at the facilities listed in step 3 are included.
4. The E-code field is searched. If invalid E-codes are found the field is changed to a blank. If a location ecode (E849) is found, it is moved to a separate location field.
5. If there is no valid E-code in the E-code field, the primary and secondary diagnosis fields are searched for a valid E-code. The first valid E-code found in one of these diagnosis fields is moved to the E-code field.
6. All records with a valid E-code in the E-code field *or* a valid N-code in the primary diagnosis field are included in the hospitalization injury data set. See the chart below for inclusion and exclusion criteria for N-codes.

Include	Exclude
800–909.2	< 800
909.4,909.9	909.3, 909.5
910–994.9	995.0–995.4
995.5–995.59	995.6–995.7
995.80–995.85	995.86,995.89
	995.90–995.94
	996–999

3. Population:

Population estimates for the years 2002-2006 used to compute rates were produced jointly by the United States Bureau of the Census and the State Data Center of the Pennsylvania State University at Harrisburg under the Federal-State Cooperative Program for Local Population Estimates. They are generated by a combination of a component procedure, which uses administrative records, and a regression method. The population data used to develop this information is available via the Pennsylvania Department of Health’s Epidemiologic Query and Mapping System (EpiQMS), which can be accessed through the Pennsylvania Department of Health, Bureau of Health Statistics and Research website at www.health.state.pa.us/stats/.

B. DATA QUALITY

1. Mortality:

The Bureau of Health Statistics and Research maintains query and field programs for improving the quality of data collected on death certificates.

A query program is a system used to follow back with hospital personnel, funeral directors and physicians concerning incomplete or conflicting information reported on the certificate. The follow-back contact is usually done by telephone and is based on both manual and computer editing procedures. The field program attempts to improve death certificate information by educating the participants in the death registration system of the uses and importance of mortality data. The field program completes this mission by conducting seminars with various associations representing the types of persons mentioned above. In addition to regularly scheduled seminars, the field representatives make site visits when problems with registration relating to a particular area or institution are discovered.

The National Center for Health Statistics (NCHS) monitors Pennsylvania's coding of statistical data on death certificates. A 0.5 percent sample of death records coded and submitted monthly by the state is used as a quality control mechanism by NCHS. NCHS codes these sample records independently and then conducts an item-by-item computer match of codes entered by the state and NCHS. NCHS has established a 2 percent upper limit for coding differences involving any one data item of these sample records, with the exception of cause of death. A 5.0 percent limit is established for that item due to the complexity of the cause of death coding process.

Deaths of Pennsylvania residents that occurred in another state are included in this report if copies of certificates were obtained by the cut-off date (see Section 1. Mortality). The inclusion of these data are made possible by an agreement among all registration areas in the United States for resident exchange of copies of death certificates.

2. Hospitalization:

The responsibility for hospital data quality testing and editing lies with PHC4. Please contact PHC4 at www.phc4.org for more information.

Some of the limitations to consider when interpreting hospitalization data include:

- The consistency with which E-codes are used and assigned may vary among hospitals.
- Varying specificity among E-codes and the use of non-specific E-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 example, if a patient was admitted to a hospital and then transferred to a different hospital.
- 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.

C. DATA CONFIDENTIALITY

1. Mortality:

The confidentiality of death certificates is strictly maintained by the Bureau of Health Statistics and Research. All published and special reports of vital statistics contain only aggregated data. Individually identifiable information is only released, as provided for in Act 66, Vital Statistics Law of 1953, for health research purposes and to government agencies in pursuance of their official duties upon completion, review and approval of an application for access to protected data. Certified copies are also released to family members or legal representatives for determination of personal or property rights.

2. Hospitalization:

The confidentiality of hospitalization discharge records is maintained by PHC4. The release of individual identifying information by the Pennsylvania Department of Health is forbidden. Please contact PHC4 at www.phc4.org for more information.

D. DEFINITIONS

AGE-SPECIFIC RATE - Number of events for a specified age group per 100,000 population in the same age group.

AGE-ADJUSTED RATE (Direct Method) - Age-specific rates for a selected population are applied to a standard population (in this report the 2000 United States standard million population was used) to calculate what rate **would be expected** if the selected population had the same age distribution as the standard population. The total of these **expected** events divided by the total of the standard population and multiplied by 100,000 yields the age-adjusted rate per 100,000. It is important to use the same standard population in the computation of each age-adjusted rate to allow comparability among age-adjusted rates. Age-adjusted rates are artificial measurements and should never be compared with any other

type of rate or be used to calculate the actual number of events. The 2000 United States standard million population age distribution used in calculating age-adjusted rates for this report is shown below:

<u>AGE</u>	<u>POPULATION</u>
All Ages	1,000,000
Under 1	13,818
1-4	55,317
5-14	145,565
15-24	138,646
25-34	135,573
35-44	162,613
45-54	134,834
55-64	87,247
65-74	66,037
75-84	44,842
85+	15,508

E. RELIABILITY OF RATES

Rates based on a random sample of a population are subject to error due to sampling variability. However, rates based on full population counts (as in this report) are also estimates subject to error. An observed death rate can be thought of as a sample or estimate of the true or underlying death rate. This idea of an “underlying” death rate is an abstract concept, since the observed rate did actually occur, but it is this underlying rate that health policies should seek to address rather than annual rates, which may fluctuate dramatically.

The variation of the rate is directly related to the number of events used to calculate the rate. The smaller the number of events used in the calculation of a rate, the higher the variability of the rate will be. Rates based on unusually small numbers of events over a specified period of time, or for a sparsely populated geographic area, should be of particular concern and be used cautiously.

When few events or small populations are evident in calculating/studying rates, multiple-year summary rates, referred to as average annual rates, will sometimes provide a much better perspective or measurement of an outcome. Expanding the period of time studied enlarges the absolute numbers and adds more credence to a statement regarding a rate. The following section describes the method used in this report to calculate average annual rates.

It is also common practice among data users familiar with health statistics to calculate what is called a standard error (SE) of a rate. This statistic defines a rate’s variability and can be used to calculate a confidence interval (CI) to

determine the actual variance of a rate 95 percent of the time. Section G describes the formulas and methods used in this report to compute standard errors and confidence intervals.

F. CALCULATING AVERAGE ANNUAL RATES

The average annual rate is a ratio of the number of events of interest in an at-risk population divided by the total time units contributed by the individuals at-risk of the event. When computing average annual rate over a multi-year period, include the events of interest for the entire multi-year period in the numerator. The denominator does not reflect an estimate of the actual population for the multi-year period. The denominator is a measure of the time units contributed each year. An individual who lived in the same county for five years of a multi-year period would contribute five time units, one for each year. Sum the population figures from each year in the multi-year period to find the total time units.

Use the following formula to compute average annual rate:

$$\frac{\sum_{i=1}^n k_i}{\sum_{i=1}^n p_i} \times 100,000 = \text{Rate per 100,000 per year}$$

Where:

- k_i = number of events of interest for the i^{th} year of the multi-year period
- p_i = annual population estimate or census population in the i^{th} year of the multi-year period
- n = number of years in the multi-year period

Below is the data for deaths due to unintentional falls in Allegheny County for all persons age 80-84 for the years 2004-2006. Let's use this data to calculate an average annual death rate for this multi-year period.

Unintentional Falls Deaths, Allegheny County				
County	Year	Age	Count	Population
Allegheny	2004	80-84	37	35,401
Allegheny	2005	80-84	21	34,696
Allegheny	2006	80-84	13	34,461

First compute the numerator. The number of deaths, or count, is the event of interest. Because there are three years in the multi-year period, $n=3$.

$$\sum_{i=1}^3 k_i = k_1 + k_2 + k_3 = 37 + 21 + 13 = 71$$

Next compute the denominator. It is the sum of the annual population estimates.

$$\sum_{i=1}^3 p_i = p_1 + p_2 + p_3 = 35,401 + 34,696 + 34,461 = 104,558$$

Finally put these values into the formula to compute the average annual death rate.

$$\frac{\sum_{i=1}^3 k_i}{\sum_{i=1}^3 p_i} \times 100,000 = \frac{71}{104,558} \times 100,000 = 68 \text{ deaths per } 100,000 \text{ per year}$$

G. COMPARING AGE-ADJUSTED RATES

As mentioned above, a first step in comparing rates is the computation of a standard error (SE), defining the rate's variability. The usual formula given for computing the standard error of an age-adjusted rate (Chiang, 1961) is very complex and not often understood or used by the average health data user. However, the standard error can be approximated with the following less complex formula (Keyfitz, 1966):

$$SE = R / \sqrt{N}$$

where:

R = age-adjusted rate

N = number of deaths

As an example let's use the state's 2002-2006 age-adjusted rate for firearm-related deaths of 10.2 to calculate an estimated SE. The rate was based on 6,382 deaths. The square root of 6,382 is 79.9. By dividing the rate of 10.2 by 79.9, one obtains the estimated SE of 0.13. This estimated SE can then be used to compute a 95 percent confidence interval (CI) for the rate. The standard formula for determining the 95 percent CI of a rate is:

$$R \pm (1.96 \times SE)$$

Following this formula for the rate in this example produces a value of $10.2 \pm (1.96 \times 0.13)$ which is equal to 10.2 ± 0.25 . Then, by subtracting and adding 0.25 to the original rate of 10.2, a range can be calculated. This range is considered the

estimated 95 percent confidence interval for the rate, i.e., 9.95 - 10.45. One could then state, with 95 percent certainty that the actual age-adjusted rate of firearm-related deaths for the state during 2002-2006 was between 9.95 and 10.45.

To compare a particular county's age-adjusted rate of firearm-related deaths for 2002-2006 with the state's corresponding rate, one must go through the same steps shown above to obtain the 95 percent CI for that county's rate. If the CIs for the state and county rates do not overlap, then the two rates are considered to be significantly different at the 95 percent confidence level. As an example, the following table shows the total count, rates and confidence intervals for firearm-related deaths in Pennsylvania, Allegheny County, Mifflin County and Erie County for the five-year period of 2002-2006.

Firearm Deaths, Pennsylvania, 2002-2006			
County	Count	Rate	CI
Pennsylvania	6,382	10.2	9.95-10.45
Allegheny	734	11.8	10.95-12.65
Mifflin	27	12.0	7.47-16.53
Erie	75	5.3	4.10-6.50

Both Allegheny and Mifflin counties have firearm-related death rates above the state rate. However, upon closer examination, we see that the state rate falls within the CI for Mifflin County. Therefore, we can say (with 95 percent confidence) that there is no significant difference between the rates of firearm-related death in Mifflin County versus Pennsylvania for the time-period of 2002-2006. On the other hand, Allegheny County's CI does *not* contain the value of the state rate. Thus, we can say that Allegheny County's rate of firearm-related death is significantly higher than the state's rate for the period of 2002-2006. Likewise, we can say that Erie County's rate of firearm-related death is significantly lower than the state's rate for 2002-2006.

This example points to an important result that the user should note. The smaller the number of events upon which the rate is based, the larger the SE and range of the CI will be. This clearly demonstrates the wider variability (and lower reliability) of rates based on smaller numbers. As a general rule, age-adjusted rates based on fewer than 20 adverse events are considered unstable and are not recommended for comparative use or in determining significance. For this reason, the CIs were not computed, compared or shown for any age-adjusted death rate in this report based on less than 20 events.

Another important note concerns the significance tests in this report. The confidence limits shown are rounded to the nearest tenth. However, significance tests use the numbers before they are rounded in order to determine significance. Therefore, a county's upper or lower confidence limit (rounded) may appear to equal the state's upper or lower confidence limit, but it could be labeled as significantly different from the state rate.

H. CAUSES OF DEATH

Starting with the reporting of 1999 deaths, the International Classification of Diseases (ICD) system for mortality adopted the new Tenth Revision of ICD-10 coding structure and rules for determining and classifying underlying causes of death.

The current coding definitions are based on the *ICD-10 Framework for Injury Mortality Data – External Cause*, published by the National Center for Health Statistics. The list below shows the cause of death and corresponding ICD-10 codes used to classify resident deaths in this report. The codes for the leading causes of death can be found in the definitions section of the leading causes of death appendix.

<u>CAUSE OF DEATH</u>	<u>ICD-10 CODES</u>
All Fatal Injuries	V01-Y36, Y85-Y87, Y89 *U01-*U03
Unintentional Injuries	V01-X59, Y85-Y86
Unintentional Motor..... Vehicle Traffic	V02-V04 (.1), V09.2, V12-V14 (.4, .5, .9), V19 (.4-.6), V20-V28 (.4, .5, .9), V29 (.4-.6, .9), V30-V38 (.5-.7, .9), V39 (.4-.6, .9) V40-V48 (.5-.7, .9), V49 (.4-.6, .9) V50-V58 (.5-.7, .9), V59 (.4-.6, .9) V60-V68 (.5-.7, .9), V69 (.4-.6, .9) V70-V78 (.5-.7, .9), V79 (.4-.6, .9) V81-V82 (.1), V83-V86 (.0-.3), V87 (.0-.8), V89.2
Unintentional Falls and Fall-related.....	W00-W19
Poisoning.....	X40-X49, X60-X69, X85-X90, Y10-Y19, Y35.2, *U01 (.6,.7)
Firearm-related	W32-W34, X72-X74, X93-X95, Y22-Y24, Y35.0, *U01.4
Suicide.....	X60-X84, Y87.0, *U03
Homicide.....	X85-X99, Y00-Y09, Y87.1, *U01-*U02

I. CAUSES OF HOSPITALIZATION

Hospitalization data are classified according to the International Classification of Diseases (ICD), Ninth Revision, Clinical Modification (ICD-9-CM).

The current coding definitions are based on the *Consensus Recommendations for Using Hospital Discharge Data for Injury Surveillance*, published by the State and Territorial Injury Prevention Directors Association (STIPDA) in 2003. The list below shows the cause of hospitalization and corresponding ICD-9-CM external cause of injury codes (e-codes) used to classify injury hospitalizations in this report. The codes for the leading causes of hospitalization can be found in the definitions section of the leading causes of hospitalization appendix.

<u>CAUSE OF HOSPITALIZATION</u>	<u>ICD-9-CM E-CODES</u>
All Injury Hospitalizations.....	E800-E869, E880-E999
Unintentional Injury Hospitalizations.....	E800-E869, E880-E929
Unintentional Motor Vehicle Traffic.....	E810-E819
Unintentional Fall-related.....	E880-E886, E888
Poisoning.....	E850-E869, E950-E952, E962, E972 E980-E982
Self-Inflicted Poisoning.....	E950-E952
Self-Inflicted.....	E950-E959
Assault.....	E960-E969

J. REFERENCES

Johnson RL, Sarmiento K. *State Injury Indicators: Instructions for Preparing 2005 Data*. Centers for Disease Control and Prevention. National Center for Injury Prevention and Control. Atlanta, GA. 2006.

National Center for Health Statistics. *ICD-10 framework: external cause of injury mortality matrix*. Hyattsville, MD, 2002.

Pennsylvania Department of Health. *Pennsylvania Vital Statistics 2005*. Harrisburg, PA: Bureau of Health Statistics and Research; 2007.

Pennsylvania Department of Health. *Pennsylvania Injury Deaths, 2000-2004*. Harrisburg, PA: Bureau of Health Statistics and Research; 2007.

STIPDA. Injury Surveillance Workgroup 3. *Consensus recommendations for using hospital discharge data for injury surveillance*. State and Territorial Injury Prevention Directors Association, Marietta, GA. 2003.

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

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

