

UNINTENTIONAL INJURIES

- The annual number and age-adjusted rate for resident deaths due to all types of unintentional injuries in 2003 (4,921 and 37.5) were the highest recorded during the 1999-2003 period. The annual figures have been generally on the increase during this five-year period.
- Between 1999 and 2003, the highest age-adjusted death rates have been among males (especially black males). However, the rates for black males have been on the decline while the rates for white males have been increasing during the five-year period of 1999-2003.
- The annual age-adjusted death rates for white and black females generally have not changed much between 1999 and 2003.
- Among the four sex/race groups, the lowest annual age-adjusted death rates for unintentional injuries were usually among white females.
- All four sex/race groups had their highest age-specific death rates among the oldest age groups, those aged 75 and older. However, some rather high rates were also recorded for younger males, especially black males in the age groups between 40 and 54.
- As occurred with the age-adjusted rates, males, especially black males, had the highest age-specific death rates for nearly every age group during the five-year period of 1999-2003.
- The average annual age-specific death rates for males were two to four times higher than those for females in every age group between ages 20 and 64.
- Thirty-nine percent of the 23,037 deaths during 1999-2003 due to unintentional injuries occurred among residents aged 65 and older.
- Approximately ten percent of all unintentional deaths were to children and youth less than 20 years of age between 1999 and 2003. There were 2,227 deaths recorded for these young residents during those five years.
- Twenty-one counties had average annual age-adjusted death rates for 1999-2003 that were determined to be significantly higher than the corresponding state rate. Except for Philadelphia, these counties were mostly rural with rather small populations.

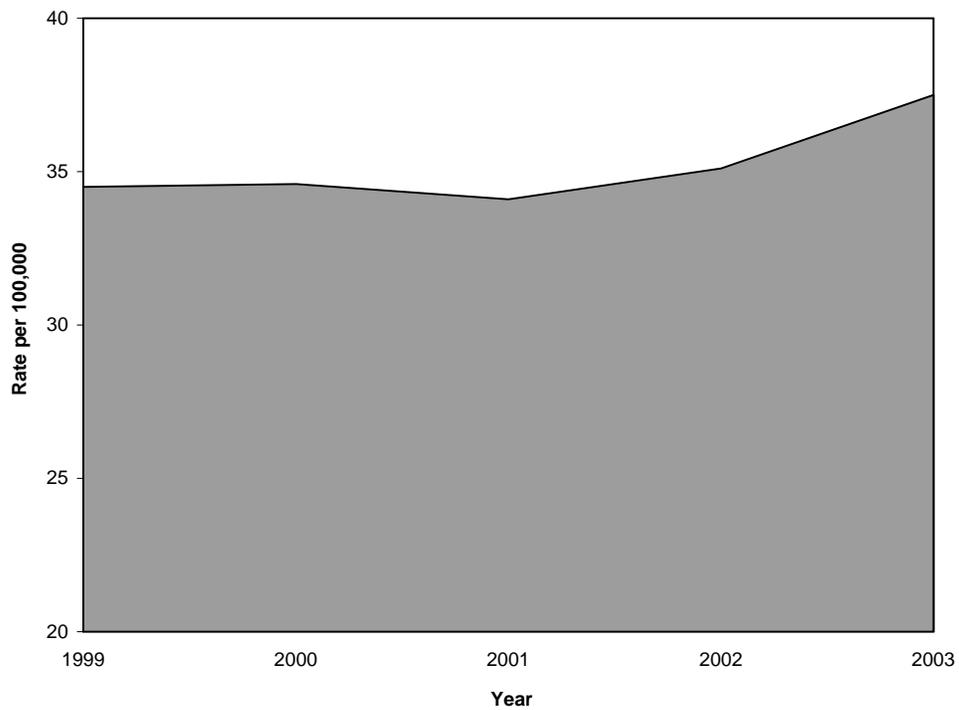
**HIGHEST AGE-ADJUSTED DEATH RATES:
Black males; Philadelphia and mostly rural counties**

**HIGHEST AGE-SPECIFIC DEATH RATES:
Young (ages 15-24) white males; black males; and the elderly**

**UNINTENTIONAL INJURIES
TOTAL NUMBER OF DEATHS AND AGE-ADJUSTED DEATH RATES
PENNSYLVANIA RESIDENTS, 1999-2003**

YEAR	NO.	RATE
1999	4,505	34.5
2000	4,500	34.6
2001	4,524	34.1
2002	4,587	35.1
2003	4,921	37.5

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 1999-2003 based on ICD-10 cause of death codes. See Technical Notes.

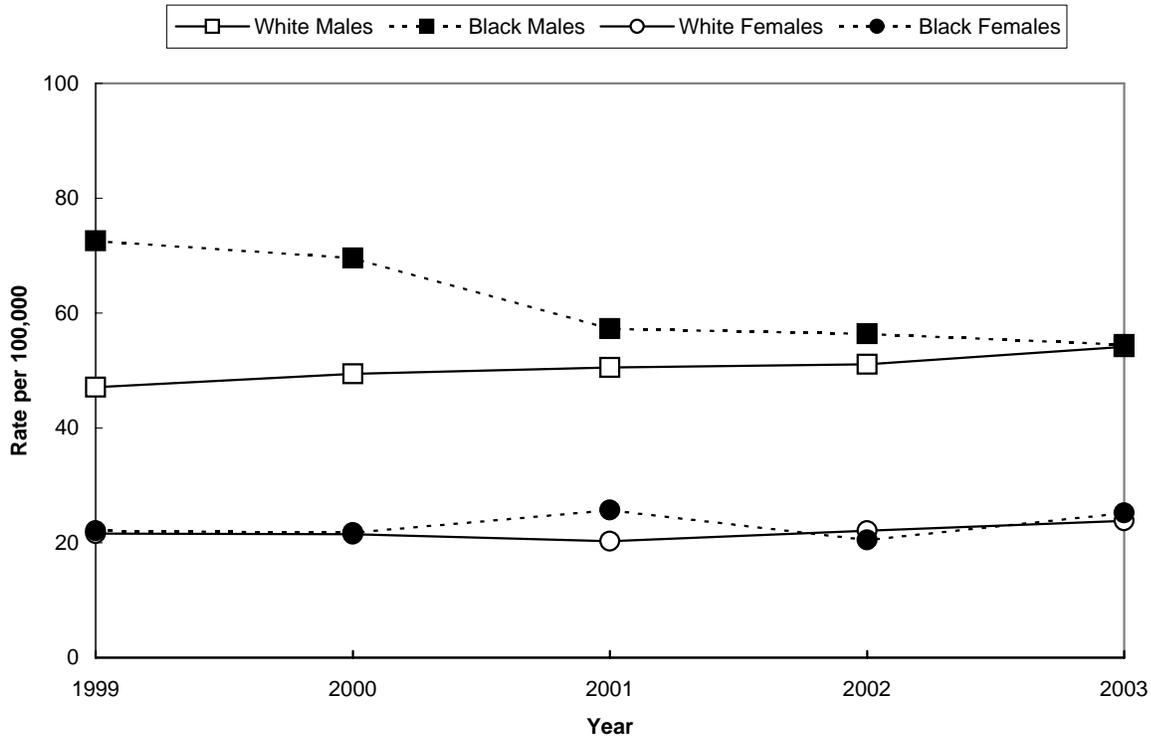


**National Healthy People 2010 Objective 15-13:
Reduce deaths caused by unintentional injuries to no more than 17.5 per 100,000.**

UNINTENTIONAL INJURIES
TOTAL NUMBER OF DEATHS AND AGE-ADJUSTED DEATH RATES BY SEX AND RACE
PENNSYLVANIA RESIDENTS, 1999-2003

YEAR	MALES						FEMALES					
	ALL RACES		WHITE		BLACK		ALL RACES		WHITE		BLACK	
	NO.	RATE	NO.	RATE	NO.	RATE	NO.	RATE	NO.	RATE	NO.	RATE
1999	2,840	49.0	2,460	47.1	354	72.6	1,665	21.6	1,521	21.6	133	22.1
2000	2,871	49.6	2,489	49.4	352	69.6	1,629	21.2	1,476	21.5	136	21.8
2001	2,898	49.4	2,576	50.5	291	57.3	1,626	20.6	1,442	20.3	160	25.7
2002	2,922	50.3	2,615	51.1	285	56.4	1,665	21.6	1,523	22.1	130	20.5
2003	3,123	53.0	2,802	54.1	292	54.5	1,797	23.6	1,615	23.8	163	25.2

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 1999-2003 based on ICD-10 cause of death codes.
 See Technical Notes.



UNINTENTIONAL INJURIES
TOTAL NUMBER OF DEATHS AND AVERAGE ANNUAL AGE-SPECIFIC DEATH RATES BY SEX AND RACE
PENNSYLVANIA RESIDENTS, 1999-2003

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 ***	23,037	36.4	14,654	47.9	12,942	50.5	1,574	53.6	8,382	25.7	7,577	27.7	722	22.2
< 5	374	9.6	233	11.7	179	11.7	51	20.4	141	7.4	103	7.1	27	11.2
5-9	227	5.4	141	6.6	107	6.4	31	11.2	86	4.2	69	4.4	14	5.2
10-14	256	5.8	165	7.3	127	7.1	36	12.8	91	4.2	68	4.0	22	8.1
15-19	1,370	30.0	978	42.2	907	49.0	55	20.8	392	17.4	369	20.5	21	8.2
20-24	1,712	41.9	1,348	65.3	1,228	75.1	105	45.3	364	18.0	325	20.2	29	12.4
25-29	1,180	31.0	933	48.6	802	52.8	117	55.0	247	13.1	217	14.5	25	11.6
30-34	1,249	29.8	964	46.0	832	48.8	126	58.9	285	13.6	249	14.6	34	14.9
35-39	1,659	35.4	1,194	51.5	1,027	53.0	152	68.9	465	19.6	387	19.7	69	28.2
40-44	1,890	38.3	1,366	56.0	1,183	56.7	169	78.5	524	21.0	419	19.8	101	41.3
45-49	1,598	34.3	1,192	52.0	1,009	50.6	176	94.6	406	17.2	344	17.0	59	27.0
50-54	1,243	30.2	921	45.8	757	42.7	156	103.4	322	15.3	284	15.6	35	19.1
55-59	804	24.0	576	35.7	486	33.9	84	73.3	228	13.1	198	13.0	26	17.8
60-64	707	25.8	467	36.1	406	35.1	56	62.4	239	16.5	215	16.8	21	17.3
65-69	767	31.1	461	41.3	391	38.6	64	87.2	306	22.6	276	22.8	27	25.6
70-74	1,103	46.6	648	63.8	583	62.4	59	97.7	455	33.7	408	33.1	38	40.5
75-79	1,603	77.8	841	102.2	781	102.3	57	124.3	762	61.6	705	61.7	53	68.9
80-84	1,964	134.3	974	183.2	935	188.8	35	126.0	990	106.3	946	109.5	41	75.8
85 +	3,320	262.8	1,242	339.3	1,197	352.1	42	221.7	2,078	231.6	1,995	239.5	79	152.3

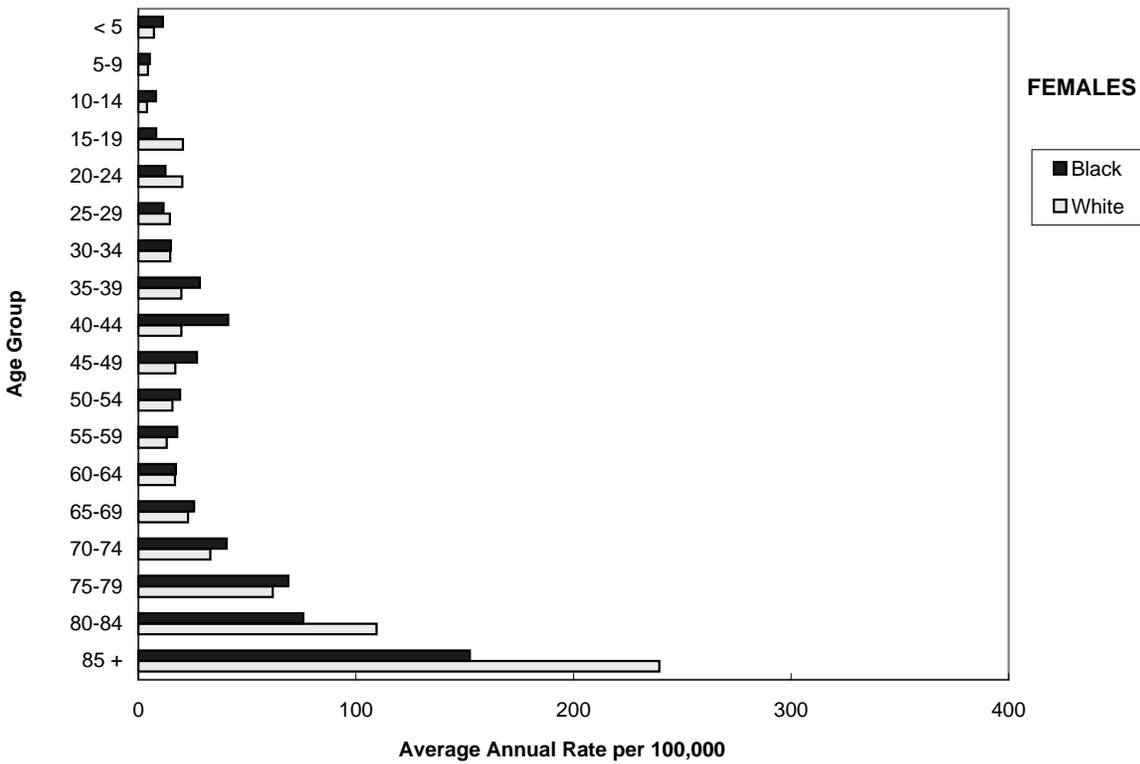
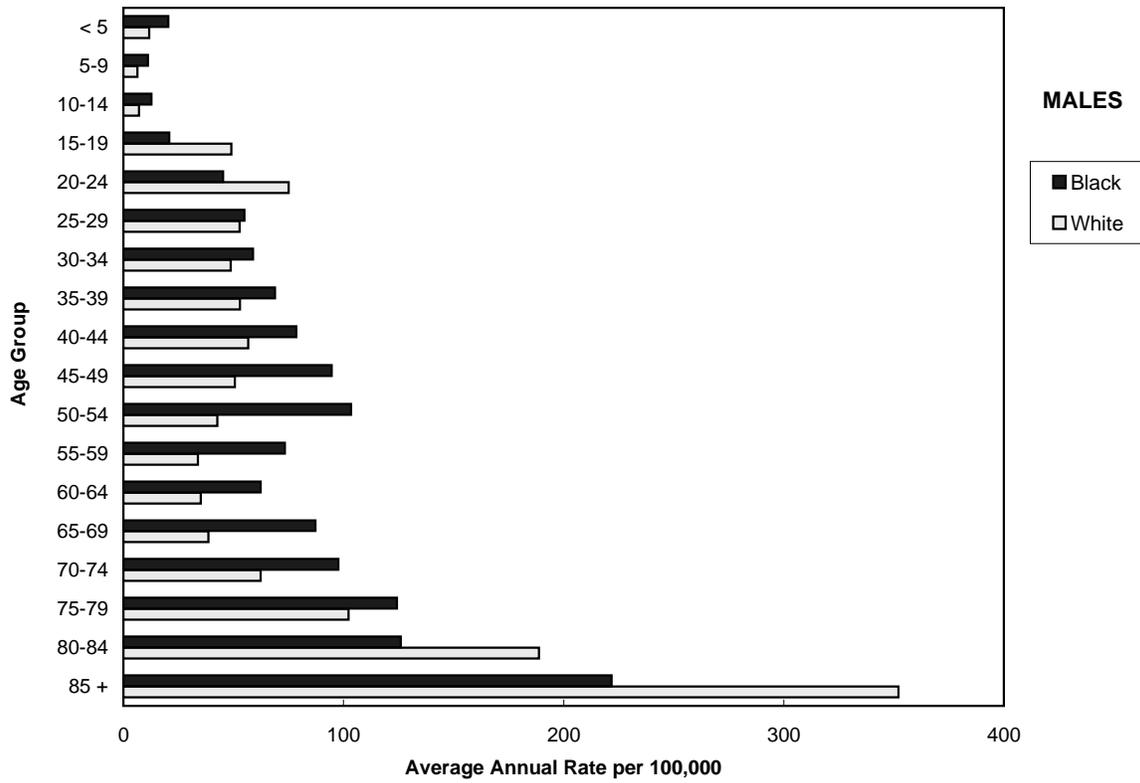
*** Unknowns included in totals.

NOTES: Rates are per 100,000 population (1999-2003) for each specified group.

Data for 1999-2003 based on ICD-10 cause of death codes.

See Technical Notes.

**UNINTENTIONAL INJURIES
 AVERAGE ANNUAL AGE-SPECIFIC DEATH RATES
 BY SEX AND RACE, PENNSYLVANIA RESIDENTS, 1999-2003**



UNINTENTIONAL INJURIES

NUMBER OF DEATHS, AVERAGE ANNUAL AGE-ADJUSTED DEATH RATES, 95 % CONFIDENCE INTERVALS, AND SIGNIFICANCE TEST RESULTS, BY COUNTY, PENNSYLVANIA RESIDENTS, 1999-2003

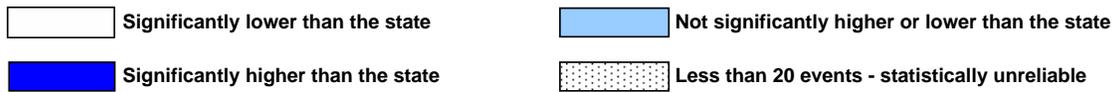
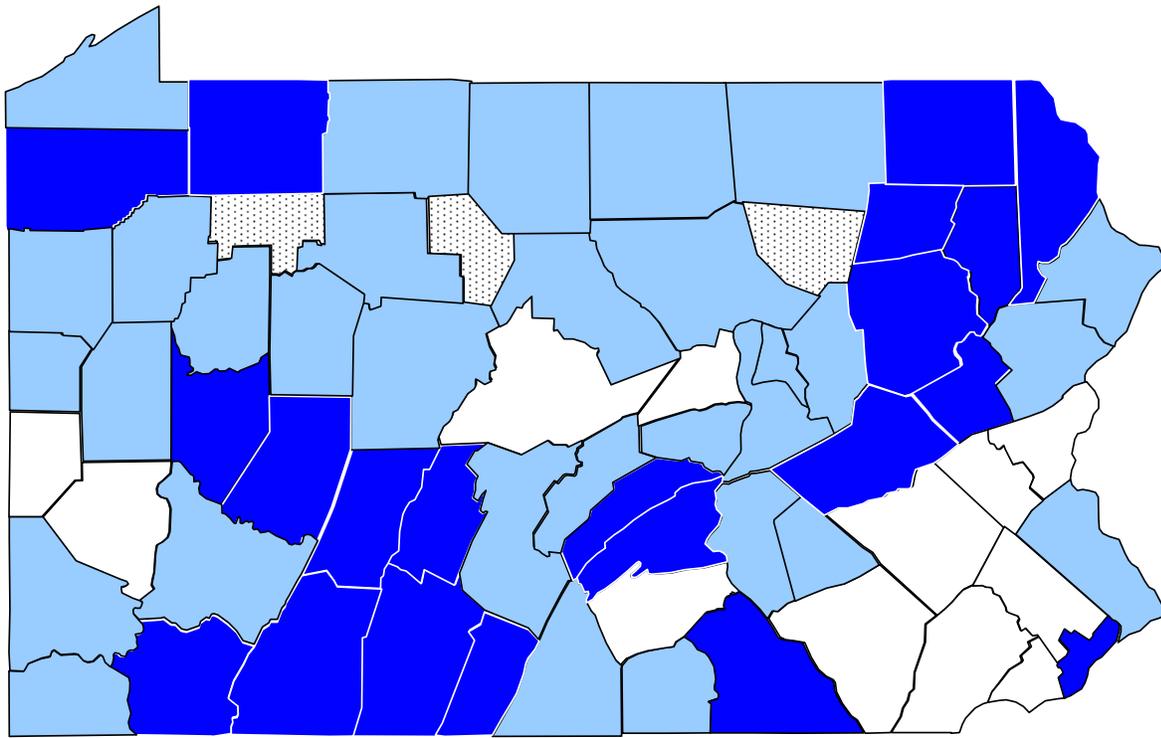
County	No.	Rate	CI (95%)	County	No.	Rate	CI (95%)
Adams	170	35.7	30.33-41.07	Lackawanna	465	39.5	35.91-43.09 +
Allegheny	2,279	31.7	30.40-33.00 -	Lancaster	777	31.9	29.66-34.14 -
Armstrong	168	41.8	35.48-48.12 +	Lawrence	187	35.1	30.07-40.13
Beaver	309	30.9	27.45-34.35 -	Lebanon	214	33.1	28.67-37.53
Bedford	135	53.3	44.31-62.29 +	Lehigh	557	32.1	29.43-34.77 -
Berks	623	31.1	28.66-33.54 -	Luzerne	656	38.3	35.37-41.23 +
Blair	317	45.6	40.58-50.62 +	Lycoming	200	31.5	27.13-35.87
Bradford	119	37.7	30.93-44.47	McKean	79	33.1	25.80-40.40
Bucks	985	33.5	31.41-35.59	Mercer	247	37.5	32.82-42.18
Butler	324	35.2	31.37-39.03	Mifflin	88	37.4	29.59-45.21
Cambria	368	41.0	36.81-45.19 +	Monroe	263	38.4	33.76-43.04
Cameron	9	30.3		Montgomery	1,232	29.8	28.14-31.46 -
Carbon	138	43.2	35.99-50.41 +	Montour	46	47.7	33.92-61.48
Centre	172	28.5	24.24-32.76 -	Northampton	368	24.8	22.27-27.33 -
Chester	583	27.3	25.08-29.52 -	Northumberland	176	34.1	29.06-39.14
Clarion	89	41.3	32.72-49.88	Perry	104	48.9	39.50-58.30 +
Clearfield	181	40.7	34.77-46.63	Philadelphia	3,379	45.4	43.87-46.93 +
Clinton	62	30.9	23.21-38.59	Pike	70	29.7	22.74-36.66
Columbia	125	36.4	30.02-42.78	Potter	35	35.1	23.47-46.73
Crawford	209	44.1	38.12-50.08 +	Schuylkill	362	44.1	39.56-48.64 +
Cumberland	318	27.6	24.57-30.63 -	Snyder	57	29.2	21.62-36.78
Dauphin	439	34.0	30.82-37.18	Somerset	186	43.3	37.08-49.52 +
Delaware	863	28.8	26.88-30.72 -	Sullivan	19	58.4	
Elk	77	42.6	33.08-52.12	Susquehanna	102	47.0	37.88-56.12 +
Erie	515	34.8	31.79-37.81	Tioga	74	33.7	26.02-41.38
Fayette	322	41.4	36.88-45.92 +	Union	60	26.4	19.72-33.08 -
Forest	14	54.0		Venango	121	40.9	33.61-48.19
Franklin	252	36.0	31.56-40.44	Warren	105	45.4	36.72-54.08 +
Fulton	39	53.0	36.37-69.63 +	Washington	400	34.9	31.48-38.32
Greene	86	40.5	31.94-49.06	Wayne	116	46.4	37.96-54.84 +
Huntingdon	89	37.9	30.03-45.77	Westmoreland	717	34.6	32.07-37.13
Indiana	209	42.7	36.91-48.49 +	Wyoming	74	51.7	39.92-63.48 +
Jefferson	100	40.2	32.32-48.08	York	750	38.4	35.65-41.15 +
Juniata	63	53.6	40.36-66.84 +				
				Pennsylvania	23,037	35.1	34.65-35.55

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. State data were compared to U.S. data. CIs were not calculated for rates based on less than 20 events due to unreliability.

Data for 1999-2003 based on ICD-10 cause of death codes.

See Technical Notes.

UNINTENTIONAL INJURIES
AVERAGE ANNUAL AGE-ADJUSTED DEATH RATES AND SIGNIFICANCE TEST RESULTS
BY COUNTY, PENNSYLVANIA RESIDENTS, 1999-2003



UNINTENTIONAL INJURIES
NUMBER OF DEATHS, TOTAL AND BY SELECTED AGE GROUPS, BY COUNTY
PENNSYLVANIA RESIDENTS, 1999-2003

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	23,037	2,227	12,042	8,757					
Adams	170	25	95	50	Lackawanna	465	43	239	183
Allegheny	2,279	120	1,182	975	Lancaster	777	114	396	266
Armstrong	168	17	82	69	Lawrence	187	17	91	79
Beaver	309	24	154	131	Lebanon	214	23	110	81
Bedford	135	22	67	46	Lehigh	557	56	234	267
Berks	623	78	276	269	Luzerne	656	48	400	207
Blair	317	30	166	121	Lycoming	200	35	90	75
Bradford	119	24	57	38	McKean	79	12	43	24
Bucks	985	92	530	361	Mercer	247	28	124	95
Butler	324	41	175	108	Mifflin	88	10	53	25
Cambria	368	24	168	176	Monroe	263	31	160	72
Cameron	9	0	6	3	Montgomery	1,232	63	518	650
Carbon	138	13	67	58	Montour	46	10	19	17
Centre	172	14	92	66	Northampton	368	33	169	166
Chester	583	67	301	214	Northumberland	176	18	88	70
Clarion	89	17	44	28	Perry	104	22	60	22
Clearfield	181	24	92	65	Philadelphia	3,379	228	2,241	908
Clinton	62	12	32	18	Pike	70	7	46	17
Columbia	125	19	65	41	Potter	35	2	17	16
Crawford	209	39	100	70	Schuylkill	362	41	187	134
Cumberland	318	40	132	146	Snyder	57	6	26	25
Dauphin	439	49	238	152	Somerset	186	22	96	68
Delaware	863	60	431	372	Sullivan	19	1	13	5
Elk	77	6	45	26	Susquehanna	102	16	50	36
Erie	515	75	234	205	Tioga	74	8	39	27
Fayette	322	39	174	109	Union	60	12	30	18
Forest	14	1	9	4	Venango	121	20	67	34
Franklin	252	34	107	111	Warren	105	14	44	47
Fulton	39	3	24	12	Washington	400	36	192	172
Greene	86	11	52	23	Wayne	116	11	67	38
Huntingdon	89	19	39	31	Westmoreland	717	55	339	323
Indiana	209	29	95	85	Wyoming	74	11	40	23
Jefferson	100	17	47	36	York	750	78	349	323
Juniata	63	11	27	25					

NOTE: * Unknowns included in totals.

Data for 1999-2003 based on ICD-10 cause of death codes.

See Technical Notes.

UNINTENTIONAL INJURIES

NUMBER OF DEATHS, AVERAGE ANNUAL AGE-ADJUSTED DEATH RATES, 95 % CONFIDENCE INTERVALS, AND SIGNIFICANCE TEST RESULTS, BY HEALTH DISTRICT, PENNSYLVANIA RESIDENTS, 1999-2003

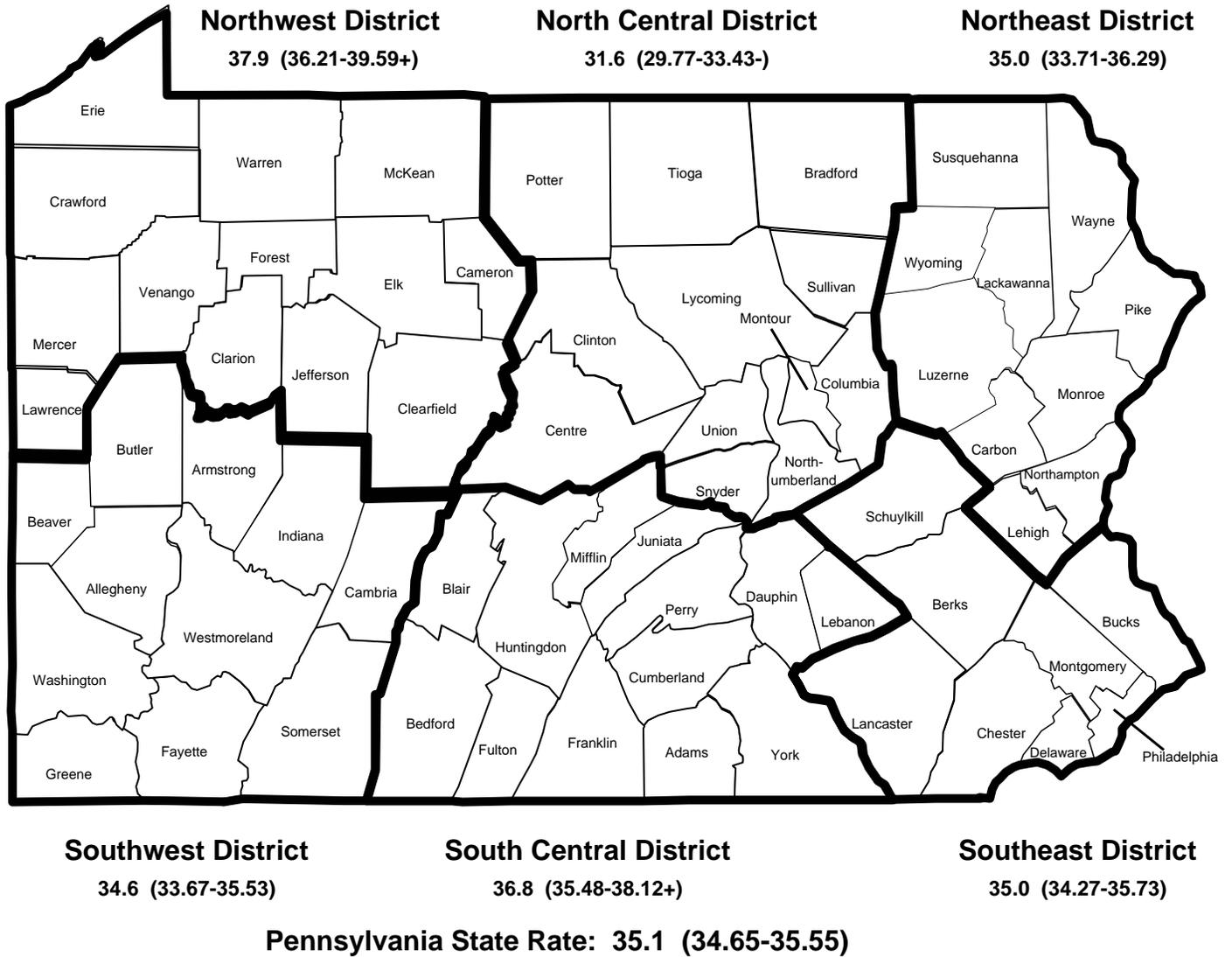
District/County	No.	Rate	CI (95%)	District/County	No.	Rate	CI (95%)
Northwest	1,933	37.9	36.21-39.59 +	Southwest	5,368	34.6	33.67-35.53
Cameron	9	30.3		Allegheny	2,279	31.7	30.40-33.00 -
Clarion	89	41.3	32.72-49.88	Armstrong	168	41.8	35.48-48.12 +
Clearfield	181	40.7	34.77-46.63	Beaver	309	30.9	27.45-34.35 -
Crawford	209	44.1	38.12-50.08 +	Butler	324	35.2	31.37-39.03
Elk	77	42.6	33.08-52.12	Cambria	368	41.0	36.81-45.19 +
Erie	515	34.8	31.79-37.81	Fayette	322	41.4	36.88-45.92 +
Forest	14	54.0		Greene	86	40.5	31.94-49.06
Jefferson	100	40.2	32.32-48.08	Indiana	209	42.7	36.91-48.49 +
Lawrence	187	35.1	30.07-40.13	Somerset	186	43.3	37.08-49.52 +
McKean	79	33.1	25.80-40.40	Washington	400	34.9	31.48-38.32
Mercer	247	37.5	32.82-42.18	Westmoreland	717	34.6	32.07-37.13
Venango	121	40.9	33.61-48.19				
Warren	105	45.4	36.72-54.08 +				
North Central	1,145	31.6	29.77-33.43 -	South Central	2,978	36.8	35.48-38.12 +
Bradford	119	37.7	30.93-44.47	Adams	170	35.7	30.33-41.07
Centre	172	28.5	24.24-32.76 -	Bedford	135	53.3	44.31-62.29 +
Clinton	62	30.9	23.21-38.59	Blair	317	45.6	40.58-50.62 +
Columbia	125	36.4	30.02-42.78	Cumberland	318	27.6	24.57-30.63 -
Lycoming	200	31.5	27.13-35.87	Dauphin	439	34.0	30.82-37.18
Montour	46	47.7	33.92-61.48	Franklin	252	36.0	31.56-40.44
Northumberland	176	34.1	29.06-39.14	Fulton	39	53.0	36.37-69.63 +
Potter	35	35.1	23.47-46.73	Huntingdon	89	37.9	30.03-45.77
Snyder	57	29.2	21.62-36.78	Juniata	63	53.6	40.36-66.84 +
Sullivan	19	58.4		Lebanon	214	33.1	28.67-37.53
Tioga	74	33.7	26.02-41.38	Mifflin	88	37.4	29.59-45.21
Union	60	26.4	19.72-33.08 -	Perry	104	48.9	39.50-58.30 +
				York	750	38.4	35.65-41.15 +
Northeast	2,809	35.0	33.71-36.29	Southeast	8,804	35.0	34.27-35.73
Carbon	138	43.2	35.99-50.41 +	Berks	623	31.1	28.66-33.54 -
Lackawanna	465	39.5	35.91-43.09 +	Bucks	985	33.5	31.41-35.59
Lehigh	557	32.1	29.43-34.77 -	Chester	583	27.3	25.08-29.52 -
Luzerne	656	38.3	35.37-41.23 +	Delaware	863	28.8	26.88-30.72 -
Monroe	263	38.4	33.76-43.04	Lancaster	777	31.9	29.66-34.14 -
Northampton	368	24.8	22.27-27.33 -	Montgomery	1,232	29.8	28.14-31.46 -
Pike	70	29.7	22.74-36.66	Philadelphia	3,379	45.4	43.87-46.93 +
Susquehanna	102	47.0	37.88-56.12 +	Schuylkill	362	44.1	39.56-48.64 +
Wayne	116	46.4	37.96-54.84 +				
Wyoming	74	51.7	39.92-63.48 +				
				Pennsylvania	23,037	35.1	34.65-35.55

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. State data were compared to U.S. data. CIs were not calculated for rates based on less than 20 events due to unreliability.

Data for 1999-2003 based on ICD-10 cause of death codes.

See Technical Notes.

**AVERAGE ANNUAL AGE-ADJUSTED DEATH RATES AND SIGNIFICANCE TEST RESULTS
UNINTENTIONAL INJURIES
Pennsylvania Health Districts and Counties, 1999-2003**



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.
Data for 1999-2003 based on ICD-10 cause of death codes.
See Technical Notes.

UNINTENTIONAL INJURIES
NUMBER OF DEATHS, TOTAL AND BY SELECTED AGE GROUPS, BY HEALTH DISTRICT
PENNSYLVANIA RESIDENTS, 1999-2003

COUNTY	TOTAL DEATHS*	AGE AT DEATH (IN YEARS)		
		< 20	20-64	65+
Pennsylvania	23,037	2,227	12,042	8,757
Northwest	1,933	270	946	716
Cameron	9	0	6	3
Clarion	89	17	44	28
Clearfield	181	24	92	65
Crawford	209	39	100	70
Elk	77	6	45	26
Erie	515	75	234	205
Forest	14	1	9	4
Jefferson	100	17	47	36
Lawrence	187	17	91	79
McKean	79	12	43	24
Mercer	247	28	124	95
Venango	121	20	67	34
Warren	105	14	44	47
North Central	1,145	161	568	416
Bradford	119	24	57	38
Centre	172	14	92	66
Clinton	62	12	32	18
Columbia	125	19	65	41
Lycoming	200	35	90	75
Montour	46	10	19	17
Northumberland	176	18	88	70
Potter	35	2	17	16
Snyder	57	6	26	25
Sullivan	19	1	13	5
Tioga	74	8	39	27
Union	60	12	30	18
Northeast	2,809	269	1,472	1,067
Carbon	138	13	67	58
Lackawanna	465	43	239	183
Lehigh	557	56	234	267
Luzerne	656	48	400	207
Monroe	263	31	160	72
Northampton	368	33	169	166
Pike	70	7	46	17
Susquehanna	102	16	50	36
Wayne	116	11	67	38
Wyoming	74	11	40	23

COUNTY	TOTAL DEATHS*	AGE AT DEATH (IN YEARS)		
		< 20	20-64	65+
Southwest	5,368	418	2,709	2,239
Allegheny	2,279	120	1,182	975
Armstrong	168	17	82	69
Beaver	309	24	154	131
Butler	324	41	175	108
Cambria	368	24	168	176
Fayette	322	39	174	109
Greene	86	11	52	23
Indiana	209	29	95	85
Somerset	186	22	96	68
Washington	400	36	192	172
Westmoreland	717	55	339	323
South Central	2,978	366	1,467	1,145
Adams	170	25	95	50
Bedford	135	22	67	46
Blair	317	30	166	121
Cumberland	318	40	132	146
Dauphin	439	49	238	152
Franklin	252	34	107	111
Fulton	39	3	24	12
Huntingdon	89	19	39	31
Juniata	63	11	27	25
Lebanon	214	23	110	81
Mifflin	88	10	53	25
Perry	104	22	60	22
York	750	78	349	323
Southeast	8,804	743	4,880	3,174
Berks	623	78	276	269
Bucks	985	92	530	361
Chester	583	67	301	214
Delaware	863	60	431	372
Lancaster	777	114	396	266
Montgomery	1,232	63	518	650
Philadelphia	3,379	228	2,241	908
Schuylkill	362	41	187	134

NOTE: * Unknowns included in totals.

Data for 1999-2003 based on ICD-10 cause of death codes.

See Technical Notes.

MOTOR VEHICLE ACCIDENTS

- The number of deaths and the age-adjusted death rate for motor vehicle accidents during the five-year period of 1999-2003 were slightly higher in recent years. There were 1,521 resident deaths in 1999 for an age-adjusted rate of 12.4 per 100,000, compared to 1,598 deaths in 2003 and a rate of 12.6. The highest annual number (1,650) and rate (13.1) were recorded in 2002.
- Males had much higher annual age-adjusted death rates than females between 1999 and 2003 (especially for white males). The death rates for white males had been on the increase before declining in 2003. No discernable trend has been observed for black males.
- The age-adjusted death rates for females have not changed much since 1999 but the rate for black females increased in 2003.
- As occurred with age-adjusted death rates, the age-specific death rates for males were consistently much higher than those for females.
- Among males of both races, 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 similar to those for elderly males. This is due to the fact that there are many more elderly women than men.
- Approximately one third (or 2,620) of the 7,768 deaths during 1999-2003 due to motor vehicle accidents occurred among residents between the ages of 15 and 29. Another 21 percent were to residents aged 65 and older.
- One half (34) 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 1999-2003.
- Most of the 34 counties with rates significantly higher than the state were rural with rather small populations.
- Six mostly urban or suburban counties (Allegheny, Beaver, Delaware, Montgomery, Northampton, and Philadelphia) had average annual age-adjusted death rates for 1999-2003 that were considered significantly lower than the corresponding state rate.

HIGHEST AGE-ADJUSTED DEATH RATES:

Males; mostly rural counties

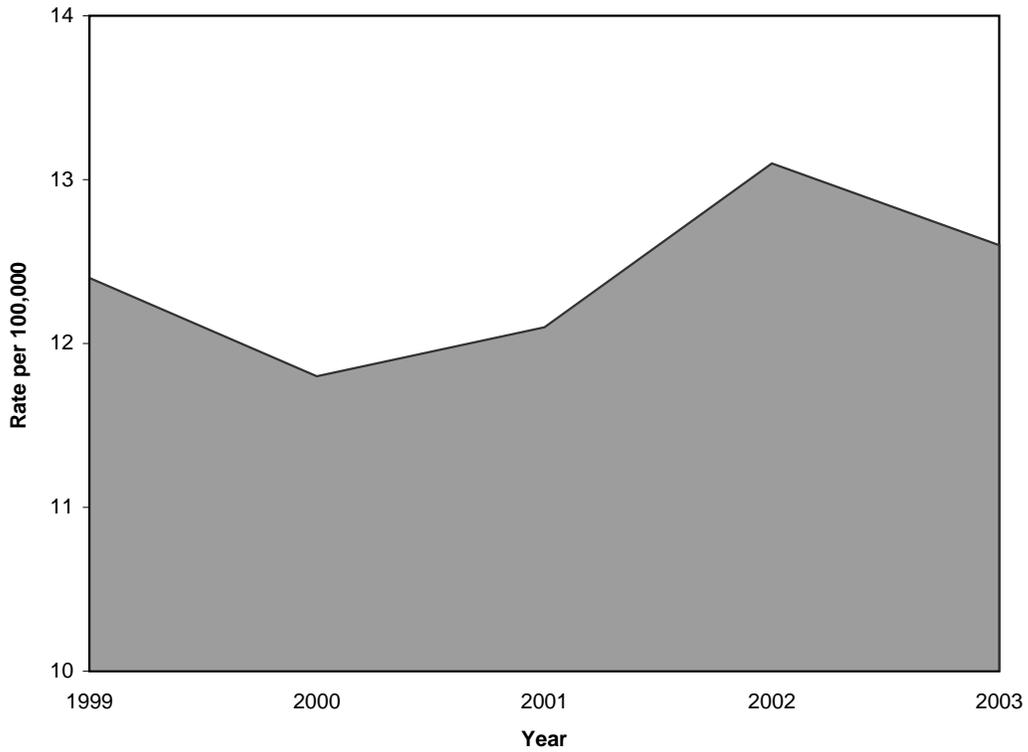
HIGHEST AGE-SPECIFIC DEATH RATES:

Young (ages 15-29) and elderly (ages 75+) males

**MOTOR VEHICLE ACCIDENTS
TOTAL NUMBER OF DEATHS AND AGE-ADJUSTED DEATH RATES
PENNSYLVANIA RESIDENTS, 1999-2003**

YEAR	NO.	RATE
1999	1,521	12.4
2000	1,473	11.8
2001	1,526	12.1
2002	1,650	13.1
2003	1,598	12.6

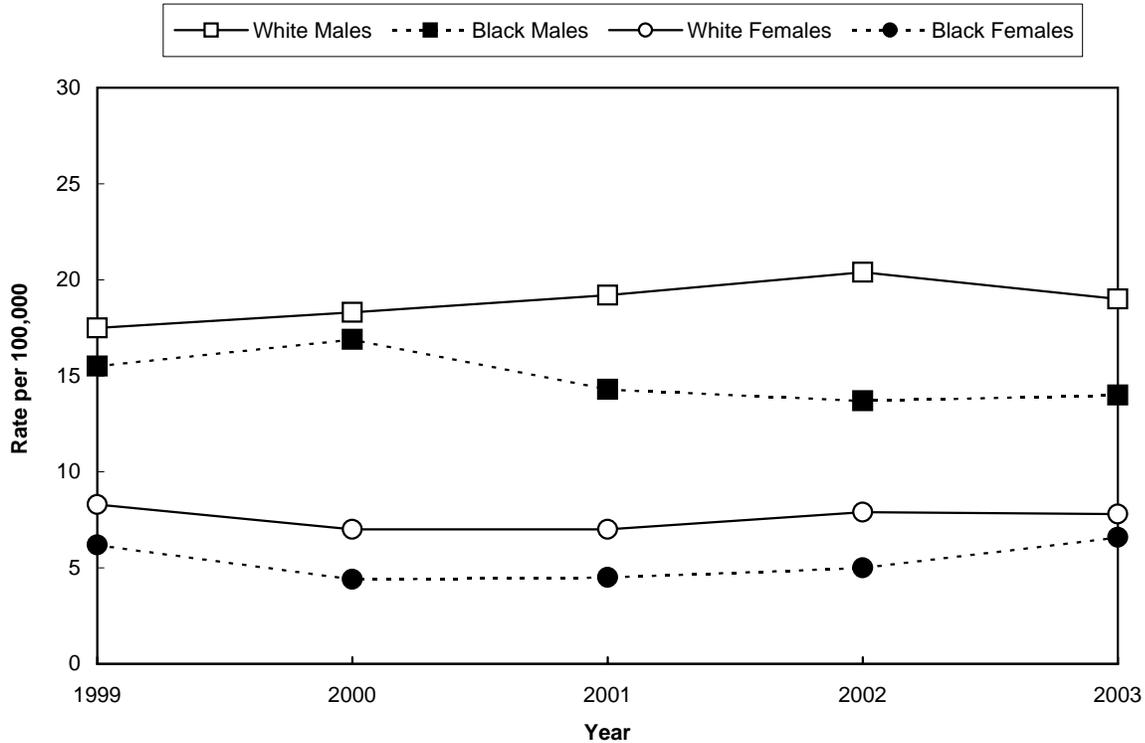
NOTES: Age-adjusted rates are computed by the direct method using the 2000 U.S. standard million population. Rates are per 100,000. Data for 1999-2003 based on ICD-10 cause of death codes. See Technical Notes.



MOTOR VEHICLE ACCIDENTS
TOTAL NUMBER OF DEATHS AND AGE-ADJUSTED DEATH RATES BY SEX AND RACE
PENNSYLVANIA RESIDENTS, 1999-2003

YEAR	MALES						FEMALES					
	ALL RACES		WHITE		BLACK		ALL RACES		WHITE		BLACK	
	NO.	RATE	NO.	RATE	NO.	RATE	NO.	RATE	NO.	RATE	NO.	RATE
1999	994	17.1	905	17.5	81	15.5	527	8.1	485	8.3	37	6.2
2000	1,030	17.6	921	18.3	94	16.9	443	6.6	406	7.0	28	4.4
2001	1,075	18.1	977	19.2	79	14.3	451	6.7	408	7.0	29	4.5
2002	1,145	19.3	1,052	20.4	78	13.7	505	7.5	465	7.9	33	5.0
2003	1,091	18.1	994	19.0	84	14.0	507	7.5	459	7.8	43	6.6

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 1999-2003 based on ICD-10 cause of death codes.
 See Technical Notes.



MOTOR VEHICLE ACCIDENTS
TOTAL NUMBER OF DEATHS AND AVERAGE ANNUAL AGE-SPECIFIC DEATH RATES BY SEX AND RACE
PENNSYLVANIA RESIDENTS, 1999-2003

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 ***	7,768	12.3	5,335	17.4	4,849	18.9	416	14.2	2,433	7.5	2,223	8.1	170	5.2
< 5	86	2.2	51	2.6	36	2.4	14	5.6	35	1.8	28	1.9	6	2.5
5-9	111	2.6	65	3.0	55	3.3	9	3.2	46	2.3	39	2.5	6	2.2
10-14	131	3.0	78	3.5	65	3.7	13	4.6	53	2.5	46	2.7	6	2.2
15-19	1,017	22.3	709	30.6	660	35.6	38	14.4	308	13.7	294	16.3	13	5.1
20-24	1,002	24.5	766	37.1	696	42.6	57	24.6	236	11.6	213	13.2	16	6.9
25-29	601	15.8	458	23.8	395	26.0	53	24.9	143	7.6	126	8.4	14	6.5
30-34	502	12.0	379	18.1	331	19.4	44	20.6	123	5.9	110	6.4	11	4.8
35-39	576	12.3	425	18.3	378	19.5	40	18.1	151	6.4	134	6.8	13	5.3
40-44	602	12.2	448	18.4	415	19.9	29	13.5	154	6.2	130	6.1	22	9.0
45-49	507	10.9	361	15.8	331	16.6	28	15.0	146	6.2	134	6.6	11	5.0
50-54	415	10.1	288	14.3	260	14.7	22	14.6	127	6.0	119	6.5	6	3.3
55-59	312	9.3	216	13.4	195	13.6	19	16.6	96	5.5	86	5.7	6	4.1
60-64	263	9.6	165	12.7	155	13.4	8	8.9	98	6.8	89	7.0	7	5.8
65-69	245	9.9	144	12.9	130	12.8	13	17.7	101	7.5	93	7.7	7	6.6
70-74	317	13.4	190	18.7	179	19.1	7	11.6	127	9.4	115	9.3	8	8.5
75-79	426	20.7	222	27.0	211	27.6	10	21.8	204	16.5	191	16.7	9	11.7
80-84	346	23.7	188	35.4	183	37.0	4	14.4	158	17.0	152	17.6	6	11.1
85 +	303	24.0	176	48.1	171	50.3	5	26.4	127	14.2	124	14.9	3	5.8

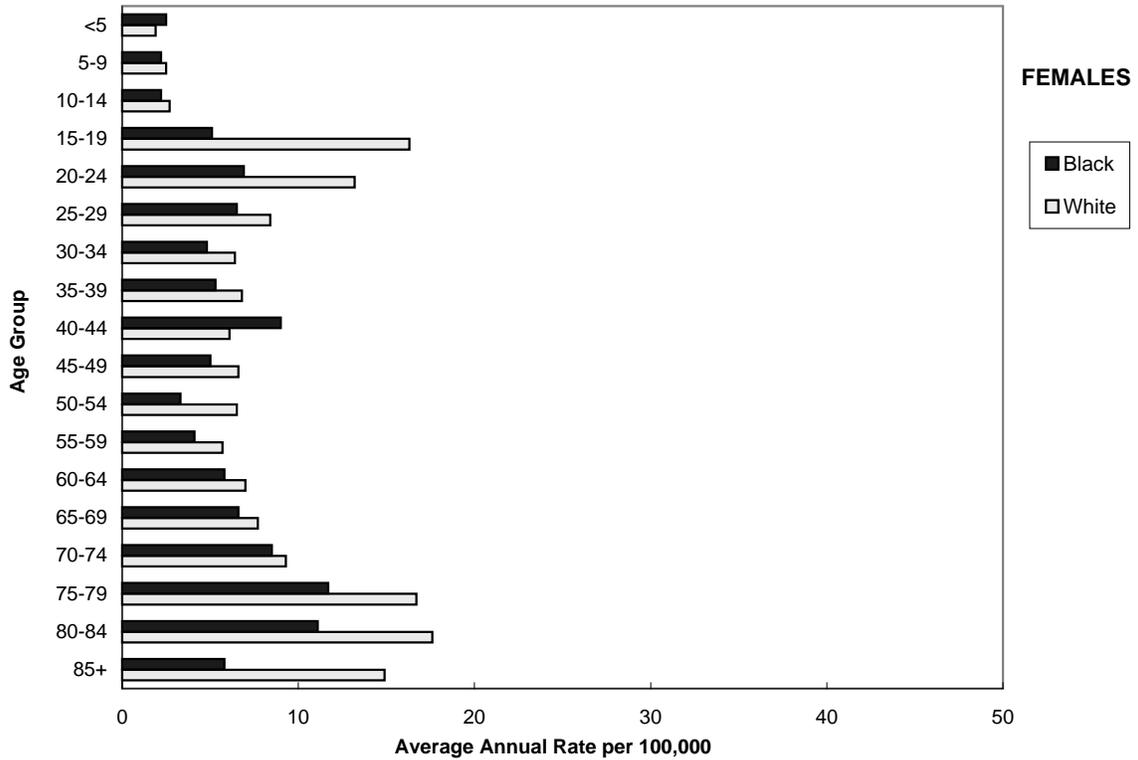
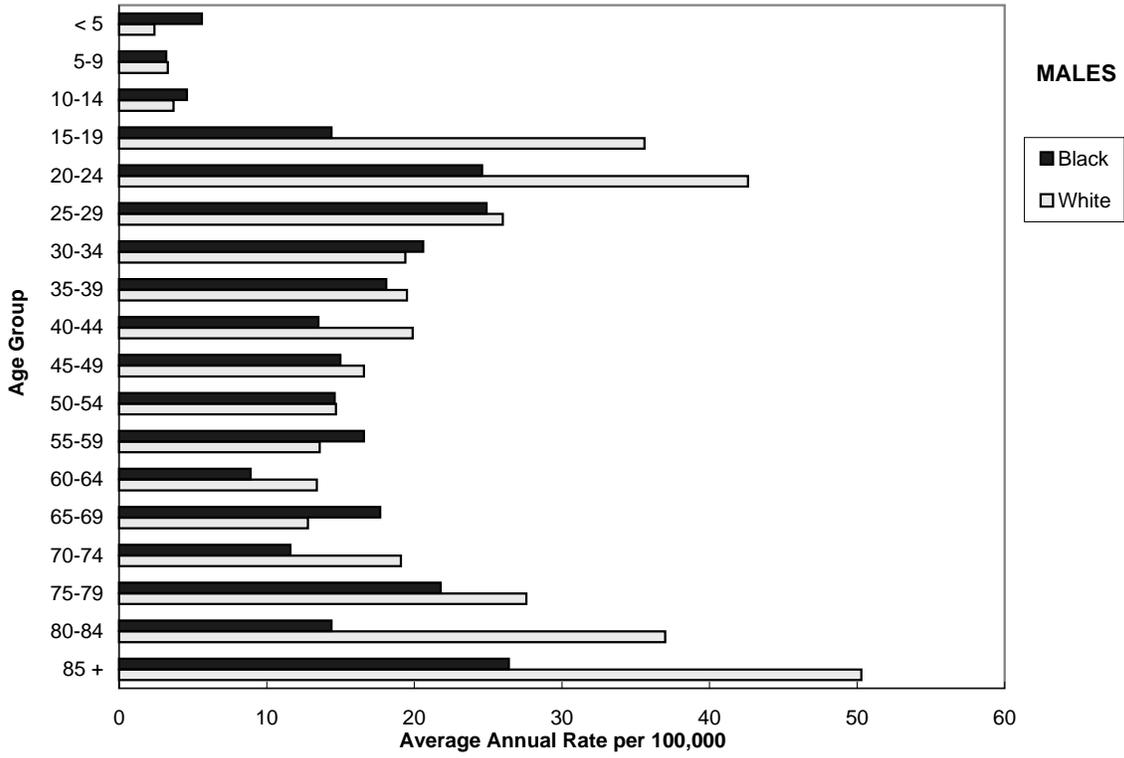
*** Unknowns included in totals.

NOTES: Rates are per 100,000 population (1999-2003) for each specified group.

Data for 1999-2003 based on ICD-10 cause of death codes.

See technical notes.

**MOTOR VEHICLE ACCIDENTS
AVERAGE ANNUAL AGE-SPECIFIC DEATH RATES
BY SEX AND RACE, PENNSYLVANIA RESIDENTS, 1999-2003**



MOTOR VEHICLE ACCIDENTS

NUMBER OF DEATHS, AVERAGE ANNUAL AGE-ADJUSTED DEATH RATES, 95 % CONFIDENCE INTERVALS, AND SIGNIFICANCE TEST RESULTS, BY COUNTY, PENNSYLVANIA RESIDENTS, 1999-2003

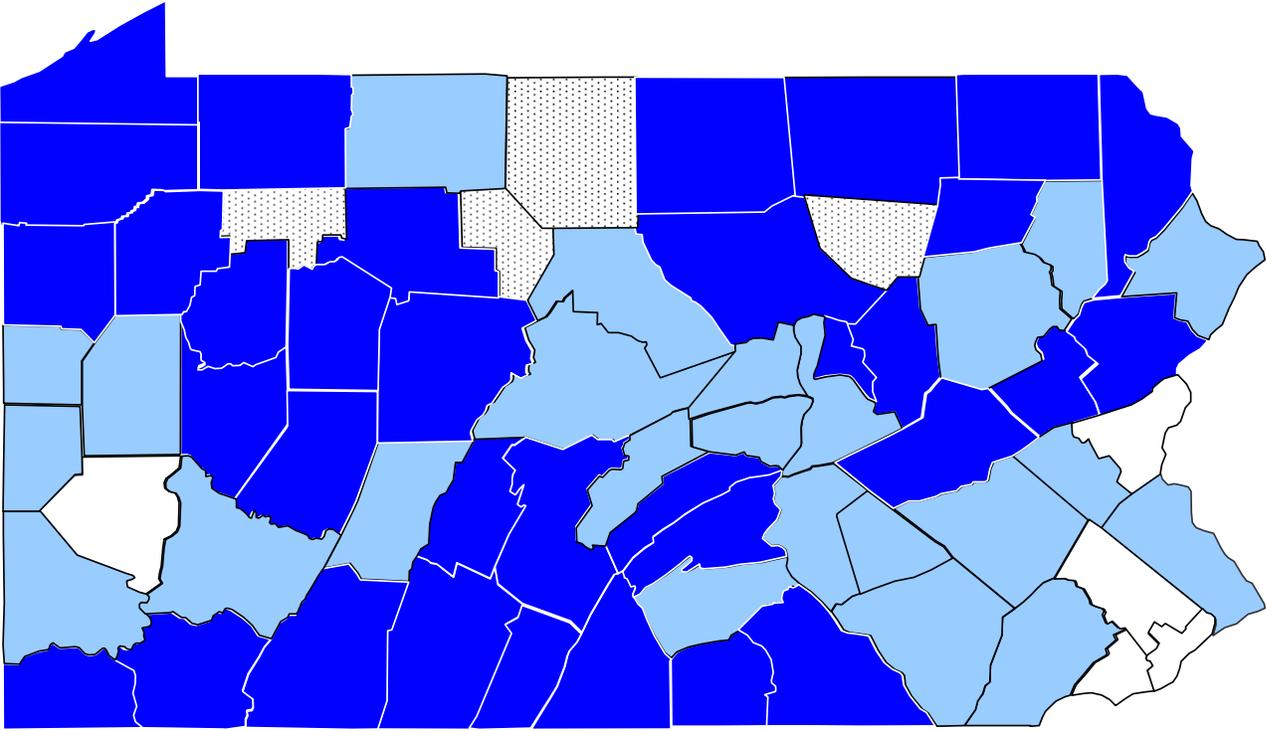
County	No.	Rate	CI (95%)	County	No.	Rate	CI (95%)
Adams	99	21.1	16.94-25.26 +	Lackawanna	121	11.2	9.20-13.20
Allegheny	455	6.8	6.18-7.42 -	Lancaster	304	12.7	11.27-14.13
Armstrong	65	17.3	13.09-21.51 +	Lawrence	66	13.4	10.17-16.63
Beaver	100	10.3	8.28-12.32 -	Lebanon	72	11.9	9.15-14.65
Bedford	71	29.0	22.25-35.75 +	Lehigh	172	10.8	9.19-12.41
Berks	261	13.5	11.86-15.14	Luzerne	211	13.1	11.33-14.87
Blair	112	17.4	14.18-20.62 +	Lycoming	96	15.8	12.64-18.96 +
Bradford	61	20.5	15.36-25.64 +	McKean	39	17.2	11.80-22.60
Bucks	346	11.9	10.65-13.15	Mercer	99	16.0	12.85-19.15 +
Butler	119	13.6	11.16-16.04	Mifflin	32	15.1	9.87-20.33
Cambria	113	14.2	11.58-16.82	Monroe	134	19.1	15.87-22.33 +
Cameron	4	12.3		Montgomery	318	8.4	7.48-9.32 -
Carbon	60	20.8	15.54-26.06 +	Montour	22	24.9	14.49-35.31 +
Centre	74	11.3	8.73-13.87	Northampton	134	9.6	7.97-11.23 -
Chester	245	11.4	9.97-12.83	Northumberland	73	15.6	12.02-19.18
Clarion	45	20.8	14.72-26.88 +	Perry	60	27.8	20.77-34.83 +
Clearfield	96	22.9	18.32-27.48 +	Philadelphia	664	8.8	8.13-9.47 -
Clinton	35	18.1	12.10-24.10	Pike	32	13.7	8.95-18.45
Columbia	64	19.3	14.57-24.03 +	Potter	14	15.8	
Crawford	106	23.3	18.86-27.74 +	Schuylkill	164	21.7	18.38-25.02 +
Cumberland	120	10.7	8.79-12.61	Snyder	29	15.4	9.79-21.01
Dauphin	172	13.8	11.74-15.86	Somerset	85	21.7	17.09-26.31 +
Delaware	215	7.5	6.50-8.50 -	Sullivan	11	37.6	
Elk	41	24.5	17.00-32.00 +	Susquehanna	51	25.1	18.21-31.99 +
Erie	215	14.7	12.74-16.66 +	Tioga	40	18.7	12.90-24.50 +
Fayette	117	16.3	13.35-19.25 +	Union	34	15.0	9.96-20.04
Forest	7	32.1		Venango	64	22.7	17.14-28.26 +
Franklin	122	18.3	15.05-21.55 +	Warren	48	22.5	16.13-28.87 +
Fulton	24	32.9	19.74-46.06 +	Washington	121	11.6	9.53-13.67
Greene	50	23.9	17.28-30.52 +	Wayne	61	25.2	18.88-31.52 +
Huntingdon	42	17.8	12.42-23.18 +	Westmoreland	229	12.5	10.88-14.12
Indiana	97	19.9	15.94-23.86 +	Wyoming	35	24.4	16.32-32.48 +
Jefferson	54	23.3	17.09-29.51 +	York	298	15.9	14.09-17.71 +
Juniata	28	25.4	15.99-34.81 +				
				Pennsylvania	7,768	12.4	12.12-12.68

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. State data were compared to U.S. data. CIs were not calculated for rates based on less than 20 events due to unreliability.

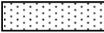
Data for 1999-2003 based on ICD-10 cause of death codes.

See Technical Notes.

**MOTOR VEHICLE ACCIDENTS
AVERAGE ANNUAL AGE-ADJUSTED DEATH RATES AND SIGNIFICANCE TEST RESULTS
BY COUNTY, PENNSYLVANIA RESIDENTS, 1999-2003**



 Significantly lower than the state
 Significantly higher than the state

 Not significantly higher or lower than the state
 Less than 20 events - statistically unreliable

MOTOR VEHICLE ACCIDENTS
NUMBER OF DEATHS, TOTAL AND BY SELECTED AGE GROUPS, BY COUNTY
PENNSYLVANIA RESIDENTS, 1999-2003

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	7,768	1,345	4,780	1,637					
Adams	99	17	66	16	Lackawanna	121	23	70	28
Allegheny	455	53	282	118	Lancaster	304	71	174	58
Armstrong	65	9	41	15	Lawrence	66	10	37	19
Beaver	100	10	56	34	Lebanon	72	12	47	13
Bedford	71	17	37	17	Lehigh	172	39	89	44
Berks	261	50	136	75	Luzerne	211	26	142	42
Blair	112	19	73	20	Lycoming	96	20	58	18
Bradford	61	12	40	9	McKean	39	8	25	6
Bucks	346	54	225	67	Mercer	99	19	57	23
Butler	119	24	77	18	Mifflin	32	5	26	1
Cambria	113	13	73	27	Monroe	134	22	94	18
Cameron	4	0	2	2	Montgomery	318	34	201	83
Carbon	60	10	38	12	Montour	22	6	12	4
Centre	74	8	48	18	Northampton	134	25	81	28
Chester	245	47	149	48	Northumberland	73	12	46	15
Clarion	45	10	28	7	Perry	60	15	41	4
Clearfield	96	21	54	21	Philadelphia	664	101	421	141
Clinton	35	9	21	5	Pike	32	7	17	8
Columbia	64	14	39	11	Potter	14	2	11	1
Crawford	106	21	64	21	Schuylkill	164	26	99	39
Cumberland	120	26	68	26	Snyder	29	3	19	7
Dauphin	172	29	112	31	Somerset	85	16	55	14
Delaware	215	32	128	55	Sullivan	11	1	9	1
Elk	41	6	28	7	Susquehanna	51	13	31	7
Erie	215	49	117	49	Tioga	40	5	27	8
Fayette	117	18	80	19	Union	34	11	16	7
Forest	7	0	6	1	Venango	64	15	41	8
Franklin	122	24	66	32	Warren	48	9	26	13
Fulton	24	1	19	4	Washington	121	22	76	23
Greene	50	5	37	8	Wayne	61	9	34	18
Huntingdon	42	11	24	7	Westmoreland	229	27	158	44
Indiana	97	22	51	24	Wyoming	35	8	19	8
Jefferson	54	12	33	9	York	298	63	187	48
Juniata	28	7	16	5					

* Unknown age included in totals.

NOTE: Data for 1999-2003 based on ICD-10 cause of death codes.
See Technical Notes.

MOTOR VEHICLE ACCIDENTS

NUMBER OF DEATHS, AVERAGE ANNUAL AGE-ADJUSTED DEATH RATES, 95 % CONFIDENCE INTERVALS, AND SIGNIFICANCE TEST RESULTS, BY HEALTH DISTRICT, PENNSYLVANIA RESIDENTS, 1999-2003

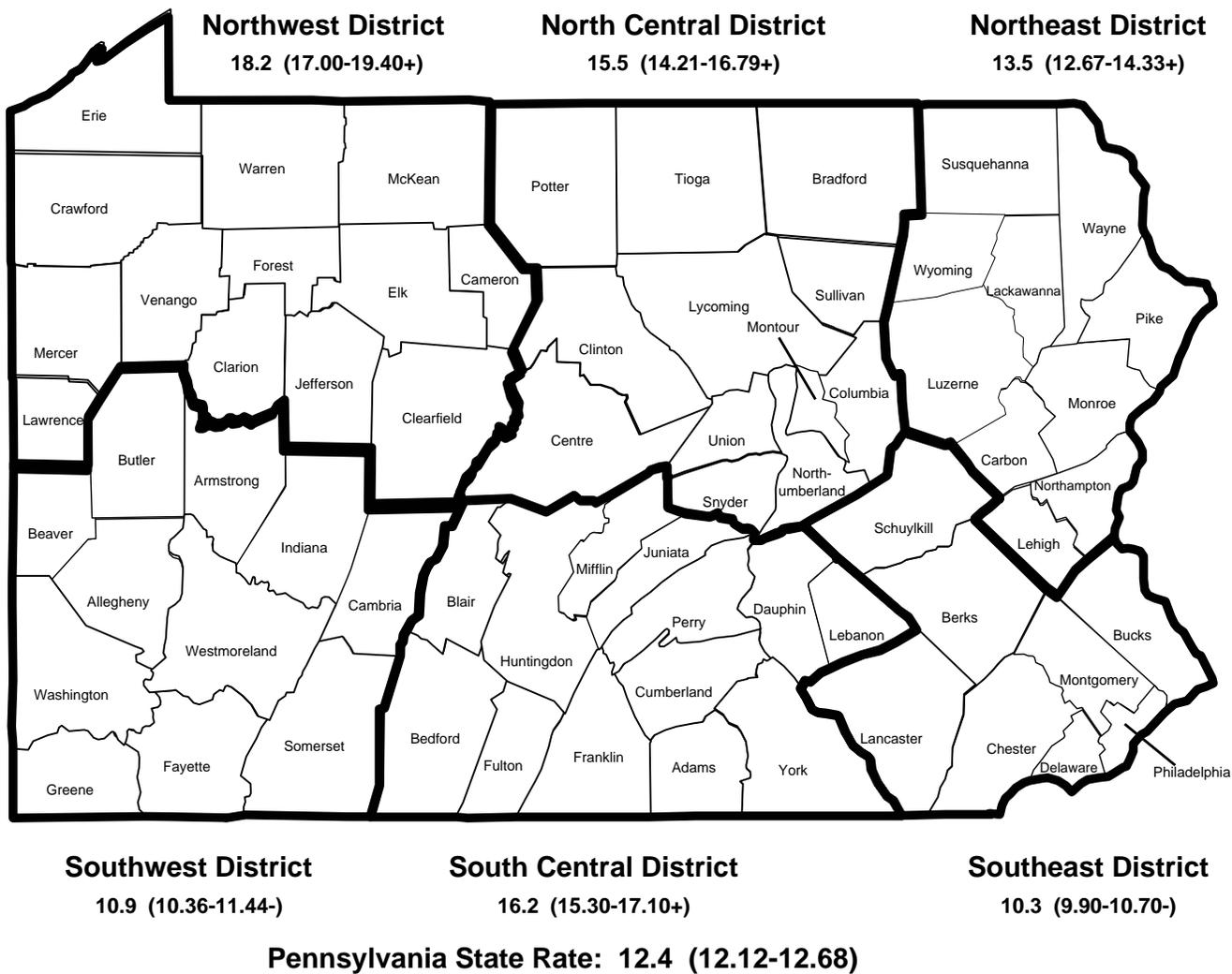
District/County	No.	Rate	CI (95%)	District/County	No.	Rate	CI (95%)
Northwest	884	18.2	17.00-19.40 +	Southwest	1,551	10.9	10.36-11.44 -
Cameron	4	12.3		Allegheny	455	6.8	6.18-7.42 -
Clarion	45	20.8	14.72-26.88 +	Armstrong	65	17.3	13.09-21.51 +
Clearfield	96	22.9	18.32-27.48 +	Beaver	100	10.3	8.28-12.32 -
Crawford	106	23.3	18.86-27.74 +	Butler	119	13.6	11.16-16.04
Elk	41	24.5	17.00-32.00 +	Cambria	113	14.2	11.58-16.82
Erie	215	14.7	12.74-16.66 +	Fayette	117	16.3	13.35-19.25 +
Forest	7	32.1		Greene	50	23.9	17.28-30.52 +
Jefferson	54	23.3	17.09-29.51 +	Indiana	97	19.9	15.94-23.86 +
Lawrence	66	13.4	10.17-16.63	Somerset	85	21.7	17.09-26.31 +
McKean	39	17.2	11.80-22.60	Washington	121	11.6	9.53-13.67
Mercer	99	16.0	12.85-19.15 +	Westmoreland	229	12.5	10.88-14.12
Venango	64	22.7	17.14-28.26 +				
Warren	48	22.5	16.13-28.87 +				
North Central	553	15.5	14.21-16.79 +	South Central	1,252	16.2	15.30-17.10 +
Bradford	61	20.5	15.36-25.64 +	Adams	99	21.1	16.94-25.26 +
Centre	74	11.3	8.73-13.87	Bedford	71	29.0	22.25-35.75 +
Clinton	35	18.1	12.10-24.10	Blair	112	17.4	14.18-20.62 +
Columbia	64	19.3	14.57-24.03 +	Cumberland	120	10.7	8.79-12.61
Lycoming	96	15.8	12.64-18.96 +	Dauphin	172	13.8	11.74-15.86
Montour	22	24.9	14.49-35.31 +	Franklin	122	18.3	15.05-21.55 +
Northumberland	73	15.6	12.02-19.18	Fulton	24	32.9	19.74-46.06 +
Potter	14	15.8		Huntingdon	42	17.8	12.42-23.18 +
Snyder	29	15.4	9.79-21.01	Juniata	28	25.4	15.99-34.81 +
Sullivan	11	37.6		Lebanon	72	11.9	9.15-14.65
Tioga	40	18.7	12.90-24.50 +	Mifflin	32	15.1	9.87-20.33
Union	34	15.0	9.96-20.04	Perry	60	27.8	20.77-34.83 +
				York	298	15.9	14.09-17.71 +
Northeast	1,011	13.5	12.67-14.33 +	Southeast	2,517	10.3	9.90-10.70 -
Carbon	60	20.8	15.54-26.06 +	Berks	261	13.5	11.86-15.14
Lackawanna	121	11.2	9.20-13.20	Bucks	346	11.9	10.65-13.15
Lehigh	172	10.8	9.19-12.41	Chester	245	11.4	9.97-12.83
Luzerne	211	13.1	11.33-14.87	Delaware	215	7.5	6.50-8.50 -
Monroe	134	19.1	15.87-22.33 +	Lancaster	304	12.7	11.27-14.13
Northampton	134	9.6	7.97-11.23 -	Montgomery	318	8.4	7.48-9.32 -
Pike	32	13.7	8.95-18.45	Philadelphia	664	8.8	8.13-9.47 -
Susquehanna	51	25.1	18.21-31.99 +	Schuylkill	164	21.7	18.38-25.02 +
Wayne	61	25.2	18.88-31.52 +				
Wyoming	35	24.4	16.32-32.48 +				
				Pennsylvania	7,768	12.4	12.12-12.68

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. State data were compared to U.S. data. CIs were not calculated for rates based on less than 20 events due to unreliability.

Data for 1999-2003 based on ICD-10 cause of death codes

See Technical Notes.

**AVERAGE ANNUAL AGE-ADJUSTED DEATH RATES AND SIGNIFICANCE TEST RESULTS
MOTOR VEHICLE ACCIDENTS
Pennsylvania Health Districts and Counties, 1999-2003**



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.
Data for 1999-2003 based on ICD-10 cause of death codes.
See Technical Notes.

MOTOR VEHICLE ACCIDENTS
NUMBER OF DEATHS, TOTAL AND BY SELECTED AGE GROUPS, BY HEALTH DISTRICT
PENNSYLVANIA RESIDENTS, 1999-2003

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	7,768	1,345	4,780	1,637					
Northwest	884	180	518	186	Southwest	1,551	219	986	344
Cameron	4	0	2	2	Allegheny	455	53	282	118
Clarion	45	10	28	7	Armstrong	65	9	41	15
Clearfield	96	21	54	21	Beaver	100	10	56	34
Crawford	106	21	64	21	Butler	119	24	77	18
Elk	41	6	28	7	Cambria	113	13	73	27
Erie	215	49	117	49	Fayette	117	18	80	19
Forest	7	0	6	1	Greene	50	5	37	8
Jefferson	54	12	33	9	Indiana	97	22	51	24
Lawrence	66	10	37	19	Somerset	85	16	55	14
McKean	39	8	25	6	Washington	121	22	76	23
Mercer	99	19	57	23	Westmoreland	229	27	158	44
Venango	64	15	41	8					
Warren	48	9	26	13					
North Central	553	103	346	104	South Central	1,252	246	782	224
Bradford	61	12	40	9	Adams	99	17	66	16
Centre	74	8	48	18	Bedford	71	17	37	17
Clinton	35	9	21	5	Blair	112	19	73	20
Columbia	64	14	39	11	Cumberland	120	26	68	26
Lycoming	96	20	58	18	Dauphin	172	29	112	31
Montour	22	6	12	4	Franklin	122	24	66	32
Northumberland	73	12	46	15	Fulton	24	1	19	4
Potter	14	2	11	1	Huntingdon	42	11	24	7
Snyder	29	3	19	7	Juniata	28	7	16	5
Sullivan	11	1	9	1	Lebanon	72	12	47	13
Tioga	40	5	27	8	Mifflin	32	5	26	1
Union	34	11	16	7	Perry	60	15	41	4
					York	298	63	187	48
Northeast	1,011	182	615	213	Southeast	2,517	415	1,533	566
Carbon	60	10	38	12	Berks	261	50	136	75
Lackawanna	121	23	70	28	Bucks	346	54	225	67
Lehigh	172	39	89	44	Chester	245	47	149	48
Luzerne	211	26	142	42	Delaware	215	32	128	55
Monroe	134	22	94	18	Lancaster	304	71	174	58
Northampton	134	25	81	28	Montgomery	318	34	201	83
Pike	32	7	17	8	Philadelphia	664	101	421	141
Susquehanna	51	13	31	7	Schuylkill	164	26	99	39
Wayne	61	9	34	18					
Wyoming	35	8	19	8					

NOTE: * Unknowns included in totals.
 Data for 1999-2003 based on ICD-10 cause of death codes.
 See Technical Notes.

DRUG POISONING

- The number of drug poisoning deaths has generally been on the increase since 1999. There were 1,121 resident deaths in 2003, 61.5 percent more than the 694 that were reported for 1999. The 2003 number and age-adjusted rate (9.3) of drug poisoning deaths were the highest recorded during this five-year period.
- The age-adjusted death rates for drug poisoning among white males have been on the increase between 1999 and 2003. Even though the rates for black males have been lower in recent years, they still remained the highest rates among the four sex/race groups.
- The 2003 age-adjusted death rate for black males was 18.1 per 100,000. In comparison, the second highest 2003 rate was among white males at 13.6 – 25 percent lower than the rate for black males.
- Among white females, the rates have been higher in recent years. There were no obvious trends in the rates among black females.
- The average annual age-specific death rates for 1999-2003 were highest for black males in almost every age group past age 30. White males had the highest rates for the ages under 30, especially those 15-24.
- The age-specific death rates for black males began rising with the age group 20-24 and stayed high through the age group 65-69. The highest rates occurred within the age groups between 40 and 54.
- White males and females experienced their highest age-specific death rates in the age groups between 20 and 49. For black females, the highest age-specific death rates occurred for age groups between 30 and 54.
- The highest age-specific death rate for white females was 9.9 per 100,000 for those aged 40-44. In comparison, the highest rate for black females was 22.5 (ages 40-44); for white males, 23.4 (ages 40-44); and for black males 58.0 (ages 45-49).
- The vast majority of drug poisoning deaths during 1999-2003 occurred among those aged 20-54 years. They accounted for 3,924 or almost 90 percent of the 4,376 deaths reported over that five-year period.
- Five counties (Allegheny, Blair, Lackawanna, Luzerne, and Philadelphia) had average annual age-adjusted death rates for 1999-2003 that were significantly higher than the corresponding state rate.
- Almost 31 percent, or 1,367 of all the 4,376 drug poisoning deaths during 1999-2003, were to Philadelphia residents.

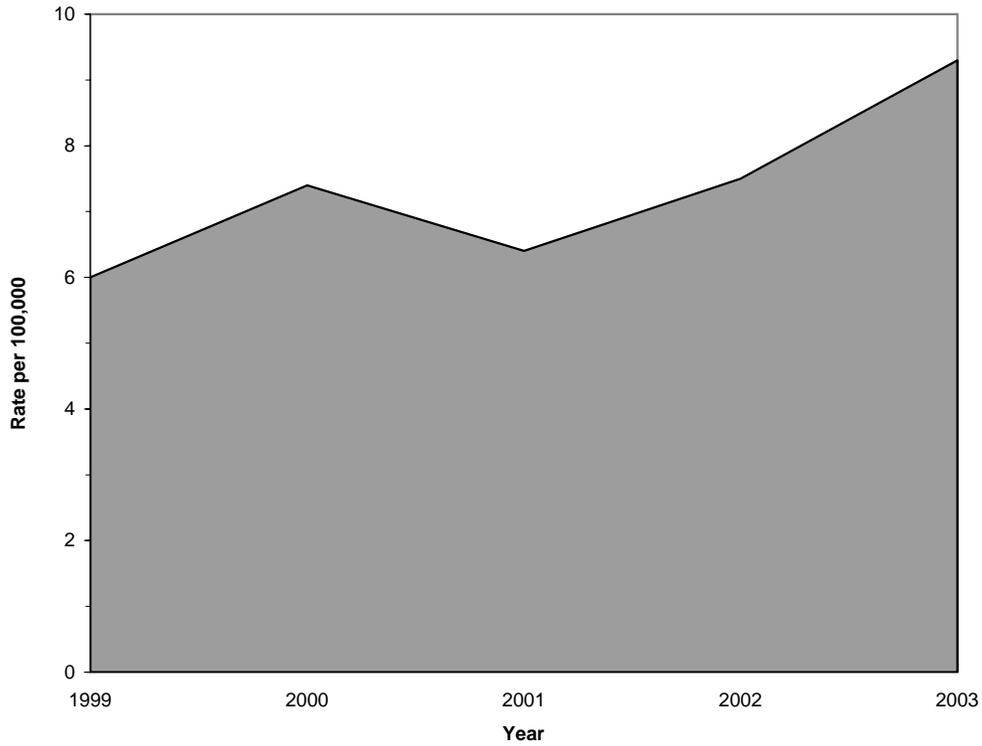
**HIGHEST AGE-ADJUSTED DEATH RATES:
Black males; Urban counties**

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

DRUG POISONING
TOTAL NUMBER OF DEATHS AND AGE-ADJUSTED DEATH RATES
PENNSYLVANIA RESIDENTS, 1999-2003

YEAR	NO.	RATE
1999	694	6.0
2000	896	7.4
2001	770	6.4
2002	895	7.5
2003	1,121	9.3

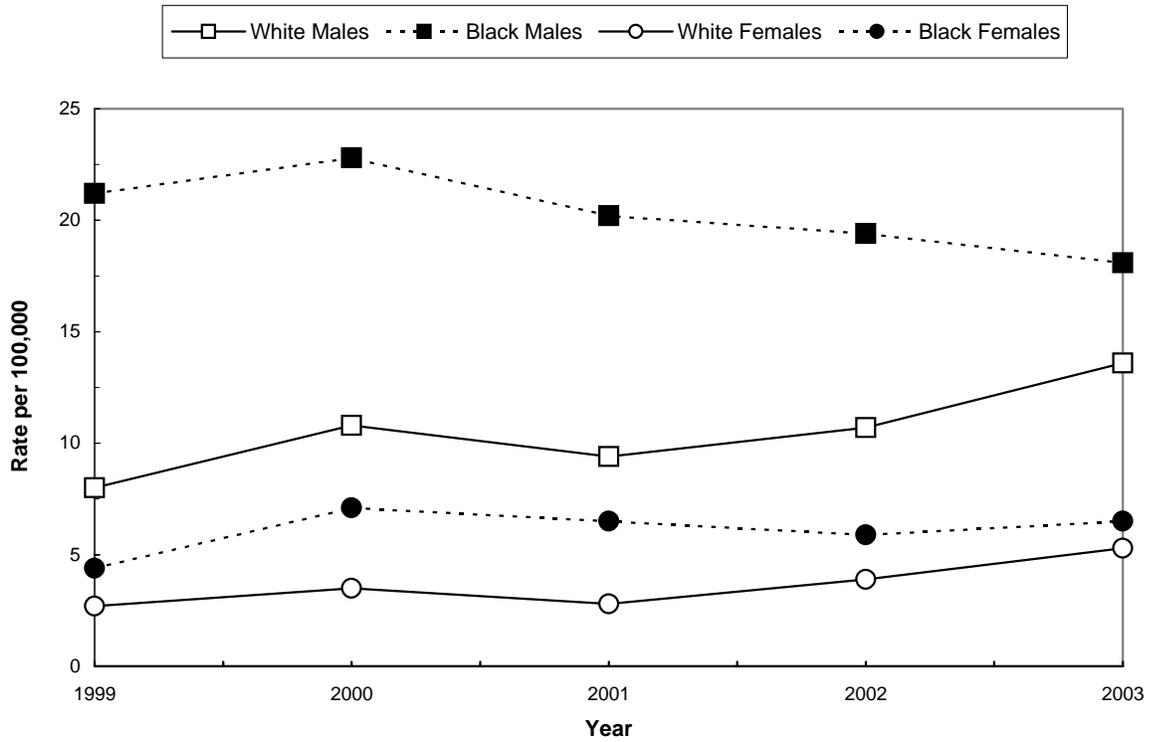
NOTES: Age-adjusted rates are computed by the direct method using the 2000 U.S. standard million population. Rates are per 100,000.
Data for 1999-2003 based on ICD-10 cause of death codes.
See Technical Notes.



DRUG POISONING
TOTAL NUMBER OF DEATHS AND AGE-ADJUSTED DEATH RATES BY SEX AND RACE
PENNSYLVANIA RESIDENTS, 1999-2003

YEAR	MALES						FEMALES					
	ALL RACES		WHITE		BLACK		ALL RACES		WHITE		BLACK	
	NO.	RATE	NO.	RATE	NO.	RATE	NO.	RATE	NO.	RATE	NO.	RATE
1999	519	9.1	405	8.0	107	21.2	175	2.9	150	2.7	25	4.4
2000	666	11.3	545	10.8	120	22.8	230	3.7	185	3.5	44	7.1
2001	581	9.8	470	9.4	107	20.2	189	3.1	149	2.8	40	6.5
2002	648	10.9	543	10.7	105	19.4	247	4.0	209	3.9	37	5.9
2003	798	13.4	696	13.6	101	18.1	322	5.2	277	5.3	41	6.5

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 1999-2003 based on ICD-10 cause of death codes.
 See Technical Notes.



DRUG POISONING
TOTAL NUMBER OF DEATHS AND AVERAGE ANNUAL AGE-SPECIFIC DEATH RATES BY SEX AND RACE
PENNSYLVANIA RESIDENTS, 1999-2003

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 ***	4,376	6.9	3,212	10.5	2,659	10.4	540	18.4	1,163	3.6	970	3.5	187	5.7
< 5	3	0.1	2	0.1	1	0.1	1	0.4	1	0.1	1	0.1	0	-
5-9	1	0.0	1	0.0	1	0.1	0	-	0	-	0	-	0	-
10-14	3	0.1	2	0.1	2	0.1	0	-	1	0.0	1	0.1	0	-
15-19	137	3.0	99	4.3	93	5.0	5	1.9	38	1.7	38	2.1	0	-
20-24	430	10.5	353	17.1	333	20.4	19	8.2	77	3.8	68	4.2	7	3.0
25-29	364	9.6	303	15.8	269	17.7	33	15.5	61	3.2	57	3.8	4	1.8
30-34	511	12.2	399	19.0	343	20.1	56	26.2	112	5.3	95	5.6	17	7.4
35-39	758	16.2	521	22.5	435	22.4	81	36.7	237	10.0	192	9.8	43	17.6
40-44	862	17.5	597	24.5	488	23.4	106	49.2	265	10.6	210	9.9	55	22.5
45-49	648	13.9	491	21.4	382	19.2	108	58.0	157	6.6	123	6.1	34	15.6
50-54	351	8.5	269	13.4	188	10.6	80	53.0	82	3.9	66	3.6	16	8.7
55-59	103	3.1	76	4.7	51	3.6	25	21.8	27	1.6	23	1.5	4	2.7
60-64	44	1.6	25	1.9	11	1.0	14	15.6	18	1.2	16	1.3	2	1.6
65-69	33	1.3	21	1.9	12	1.2	9	12.3	12	0.9	9	0.7	2	1.9
70-74	28	1.2	14	1.4	13	1.4	1	1.7	14	1.0	12	1.0	1	1.1
75-79	28	1.4	15	1.8	14	1.8	1	2.2	13	1.1	13	1.1	0	-
80-84	29	2.0	9	1.7	9	1.8	0	-	20	2.1	20	2.3	0	-
85 +	42	3.3	15	4.1	14	4.1	1	5.3	27	3.0	26	3.1	1	1.9

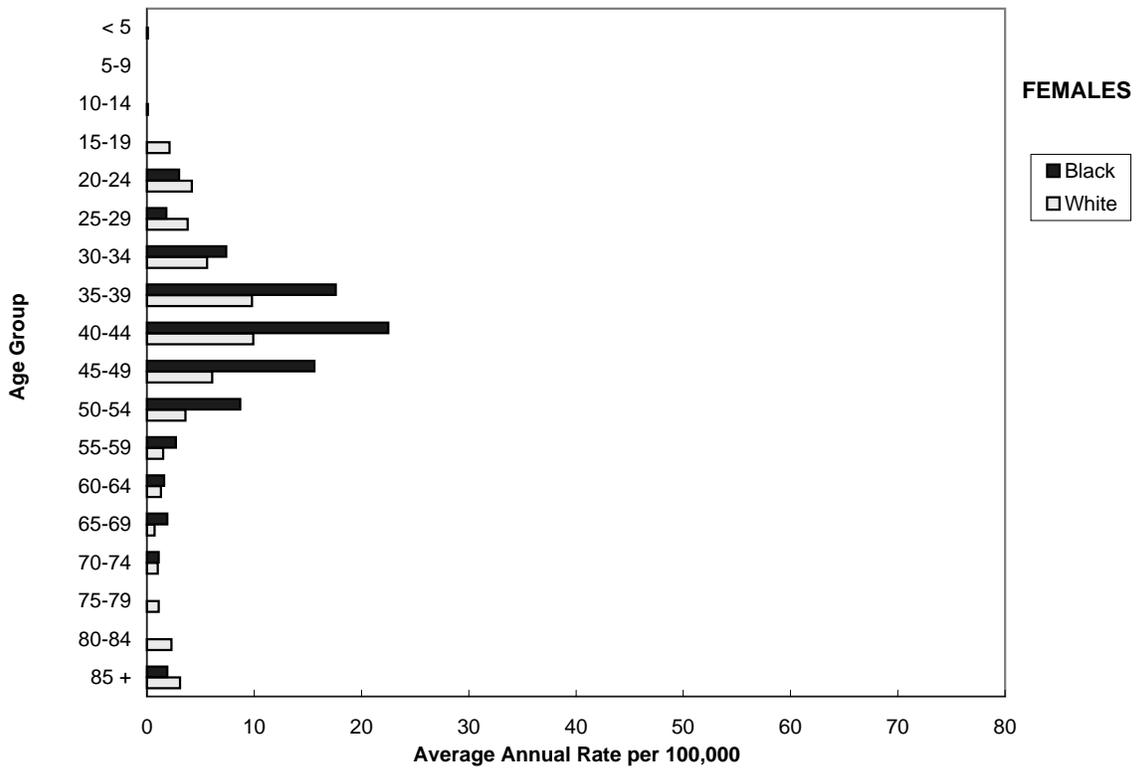
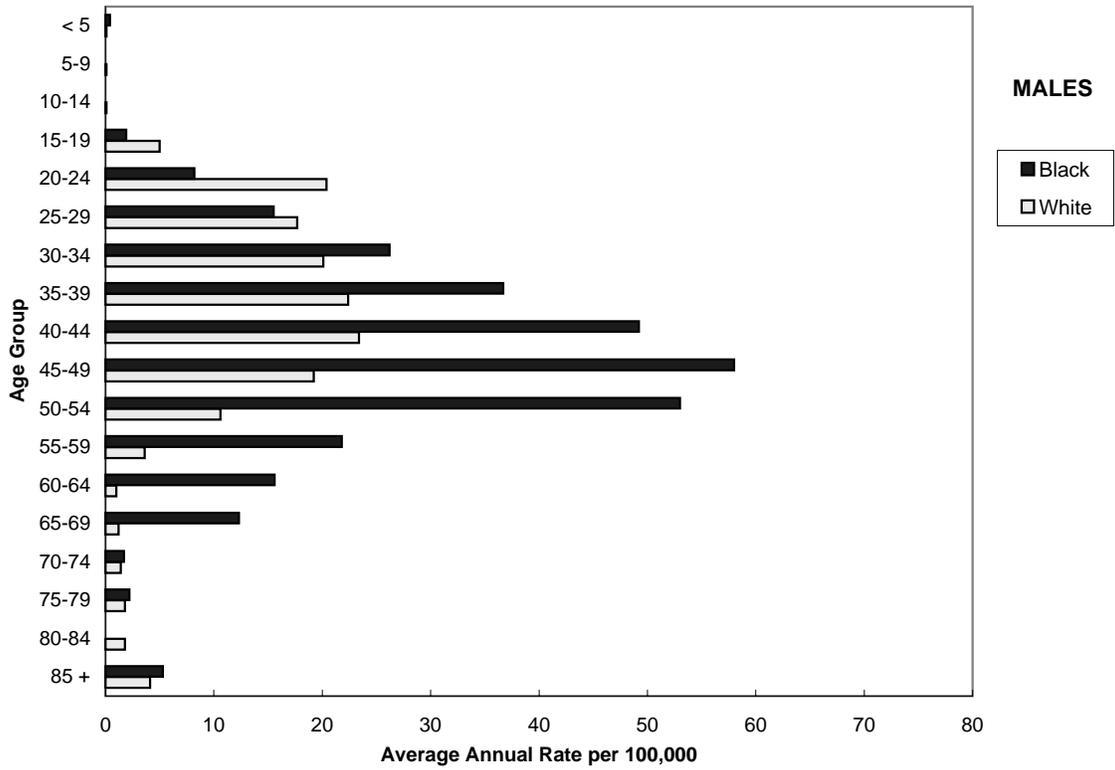
*** Unknowns included in totals.

NOTES: Rates are per 100,000 population (1999-2003) for each specified group.

Data for 1999-2003 based on ICD-10 cause of death codes.

See Technical Notes.

**DRUG POISONING
AVERAGE ANNUAL AGE-SPECIFIC DEATH RATES
BY SEX AND RACE, PENNSYLVANIA RESIDENTS, 1999-2003**



DRUG POISONING

NUMBER OF DEATHS, AVERAGE ANNUAL AGE-ADJUSTED DEATH RATES, 95 % CONFIDENCE INTERVALS, AND SIGNIFICANCE TEST RESULTS, BY COUNTY, PENNSYLVANIA RESIDENTS, 1999-2003

County	No.	Rate	CI (95%)	County	No.	Rate	CI (95%)
Adams	13	2.8		Lackawanna	112	11.5	9.37-13.63 +
Allegheny	623	9.9	9.12-10.68 +	Lancaster	98	4.3	3.45-5.15 -
Armstrong	20	5.7	3.20-8.20	Lawrence	26	5.9	3.63-8.17
Beaver	53	6.3	4.60-8.00	Lebanon	32	5.6	3.66-7.54
Bedford	21	9.3	5.32-13.28	Lehigh	79	5.2	4.05-6.35 -
Berks	66	3.6	2.73-4.47 -	Luzerne	167	11.5	9.76-13.24 +
Blair	62	10.1	7.59-12.61 +	Lycoming	6	1.0	
Bradford	3	0.9		McKean	9	4.2	
Bucks	202	6.8	5.86-7.74	Mercer	38	6.8	4.64-8.96
Butler	49	5.6	4.03-7.17 -	Mifflin	17	8.1	
Cambria	52	7.3	5.32-9.28	Monroe	39	5.3	3.64-6.96 -
Cameron	0	-		Montgomery	203	5.5	4.74-6.26 -
Carbon	15	5.5		Montour	3	3.7	
Centre	16	2.7		Northampton	38	2.8	1.91-3.69 -
Chester	74	3.4	2.63-4.17 -	Northumberland	21	4.8	2.75-6.85 -
Clarion	5	2.9		Perry	10	4.7	
Clearfield	14	3.4		Philadelphia	1,367	19.5	18.47-20.53 +
Clinton	5	2.8		Pike	13	5.8	
Columbia	13	4.3		Potter	1	0.8	
Crawford	8	1.7		Schuylkill	39	5.4	3.71-7.09 -
Cumberland	27	2.4	1.49-3.31 -	Snyder	2	1.0	
Dauphin	54	4.3	3.15-5.45 -	Somerset	21	5.3	3.03-7.57
Delaware	181	6.8	5.81-7.79	Sullivan	1	3.7	
Elk	9	5.4		Susquehanna	8	3.9	
Erie	68	5.0	3.81-6.19 -	Tioga	2	1.2	
Fayette	41	6.0	4.16-7.84	Union	7	2.9	
Forest	1	4.1		Venango	8	3.0	
Franklin	14	2.3		Warren	5	2.3	
Fulton	2	2.6		Washington	61	6.2	4.64-7.76
Greene	7	3.2		Wayne	18	8.1	
Huntingdon	2	0.8		Westmoreland	87	5.0	3.95-6.05 -
Indiana	15	3.4		Wyoming	13	9.4	
Jefferson	7	3.1		York	79	4.1	3.20-5.00 -
Juniata	4	3.3					
				Pennsylvania	4,376	7.3	7.08-7.52

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. State data were compared to U.S. data. CIs were not calculated for rates based on less than 20 events due to unreliability.

Data for 1999-2003 based on ICD-10 cause of death codes.

See Technical Notes.

DRUG POISONING
NUMBER OF DEATHS, TOTAL AND BY SELECTED AGE GROUPS, BY COUNTY
PENNSYLVANIA RESIDENTS, 1999-2003

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	4,376	144	4,071	160					
Adams	13	2	11	0	Lackawanna	112	7	102	3
Allegheny	623	9	587	27	Lancaster	98	3	92	3
Armstrong	20	3	14	3	Lawrence	26	0	25	1
Beaver	53	3	46	4	Lebanon	32	2	28	2
Bedford	21	1	19	1	Lehigh	79	5	72	2
Berks	66	0	62	4	Luzerne	167	6	160	1
Blair	62	1	56	5	Lycoming	6	1	4	1
Bradford	3	1	1	1	McKean	9	1	8	0
Bucks	202	10	186	6	Mercer	38	3	34	1
Butler	49	4	44	1	Mifflin	17	2	15	0
Cambria	52	2	48	2	Monroe	39	1	37	1
Cameron	0	0	0	0	Montgomery	203	6	185	12
Carbon	15	1	13	1	Montour	3	0	3	0
Centre	16	0	15	1	Northampton	38	3	30	5
Chester	74	5	65	4	Northumberland	21	0	20	1
Clarion	5	0	5	0	Perry	10	1	9	0
Clearfield	14	0	13	1	Philadelphia	1,367	34	1,313	19
Clinton	5	0	5	0	Pike	13	0	13	0
Columbia	13	1	11	1	Potter	1	0	0	1
Crawford	8	0	7	1	Schuylkill	39	1	36	2
Cumberland	27	0	20	7	Snyder	2	0	2	0
Dauphin	54	2	48	4	Somerset	21	1	17	3
Delaware	181	8	172	1	Sullivan	1	0	1	0
Elk	9	0	9	0	Susquehanna	8	0	7	1
Erie	68	1	60	7	Tioga	2	0	2	0
Fayette	41	2	38	1	Union	7	1	5	1
Forest	1	0	1	0	Venango	8	0	8	0
Franklin	14	1	11	2	Warren	5	0	4	1
Fulton	2	0	1	1	Washington	61	1	58	2
Greene	7	0	6	1	Wayne	18	0	18	0
Huntingdon	2	0	2	0	Westmoreland	87	4	79	4
Indiana	15	0	15	0	Wyoming	13	0	12	1
Jefferson	7	1	6	0	York	79	3	73	3
Juniata	4	0	2	2					

* Unknown age included in totals.

NOTE: Data for 1999-2003 based on ICD-10 cause of death codes.

See Technical Notes.

DRUG POISONING

NUMBER OF DEATHS, AVERAGE ANNUAL AGE-ADJUSTED DEATH RATES, 95 % CONFIDENCE INTERVALS, AND SIGNIFICANCE TEST RESULTS, BY HEALTH DISTRICT, PENNSYLVANIA RESIDENTS, 1999-2003

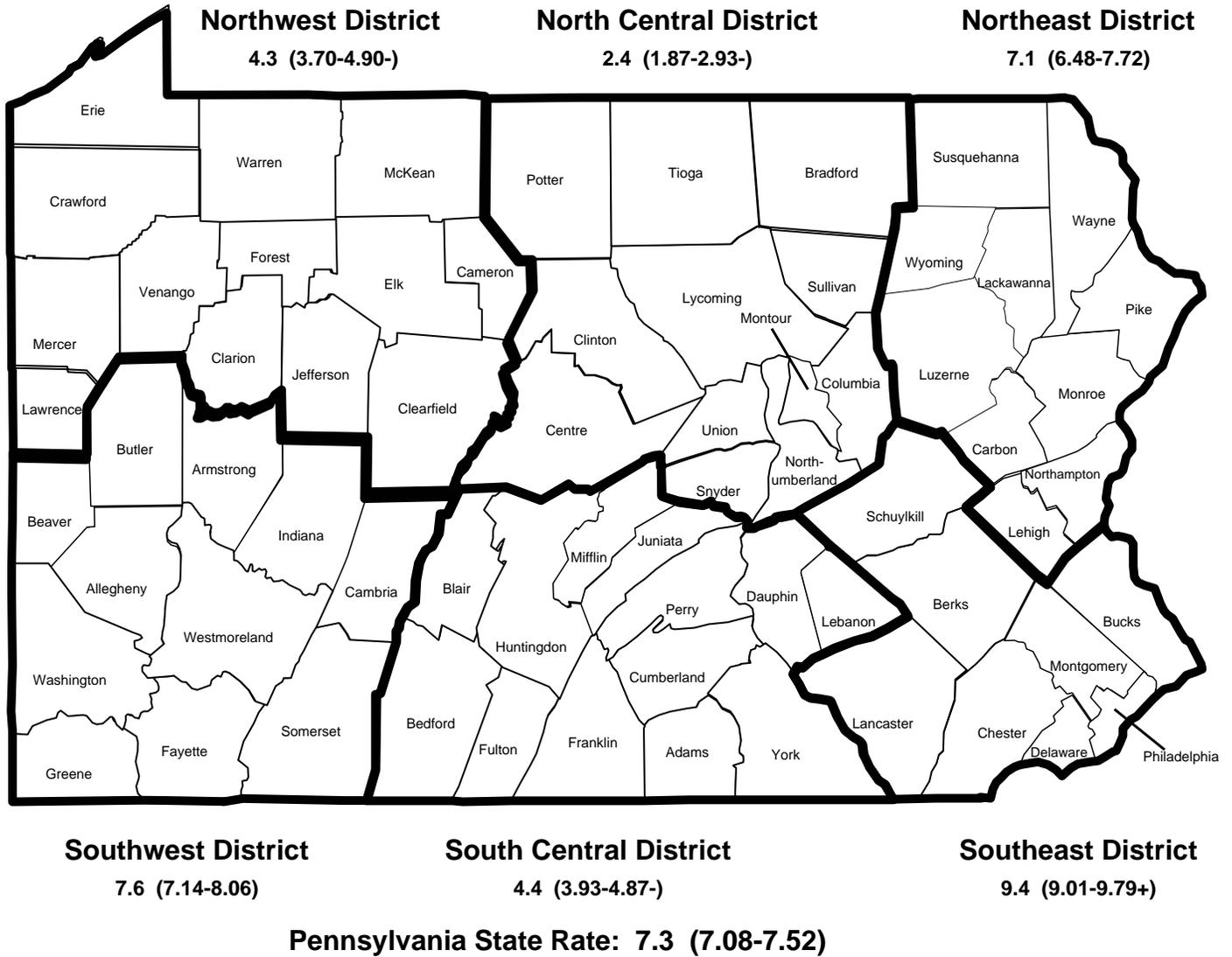
District/County	No.	Rate	CI (95%)	District/County	No.	Rate	CI (95%)
Northwest	198	4.3	3.70-4.90 -	Southwest	1,029	7.6	7.14-8.06
Cameron	0	-		Allegheny	623	9.9	9.12-10.68 +
Clarion	5	2.9		Armstrong	20	5.7	3.20-8.20
Clearfield	14	3.4		Beaver	53	6.3	4.60-8.00
Crawford	8	1.7		Butler	49	5.6	4.03-7.17 -
Elk	9	5.4		Cambria	52	7.3	5.32-9.28
Erie	68	5.0	3.81-6.19 -	Fayette	41	6.0	4.16-7.84
Forest	1	4.1		Greene	7	3.2	
Jefferson	7	3.1		Indiana	15	3.4	
Lawrence	26	5.9	3.63-8.17	Somerset	21	5.3	3.03-7.57
McKean	9	4.2		Washington	61	6.2	4.64-7.76
Mercer	38	6.8	4.64-8.96	Westmoreland	87	5.0	3.95-6.05 -
Venango	8	3.0					
Warren	5	2.3					
North Central	80	2.4	1.87-2.93 -	South Central	337	4.4	3.93-4.87 -
Bradford	3	0.9		Adams	13	2.8	
Centre	16	2.7		Bedford	21	9.3	5.32-13.28
Clinton	5	2.8		Blair	62	10.1	7.59-12.61 +
Columbia	13	4.3		Cumberland	27	2.4	1.49-3.31 -
Lycoming	6	1.0		Dauphin	54	4.3	3.15-5.45 -
Montour	3	3.7		Franklin	14	2.3	
Northumberland	21	4.8	2.75-6.85 -	Fulton	2	2.6	
Potter	1	0.8		Huntingdon	2	0.8	
Snyder	2	1.0		Juniata	4	3.3	
Sullivan	1	3.7		Lebanon	32	5.6	3.66-7.54
Tioga	2	1.2		Mifflin	17	8.1	
Union	7	2.9		Perry	10	4.7	
				York	79	4.1	3.20-5.00 -
Northeast	502	7.1	6.48-7.72	Southeast	2,230	9.4	9.01-9.79 +
Carbon	15	5.5		Berks	66	3.6	2.73-4.47 -
Lackawanna	112	11.5	9.37-13.63 +	Bucks	202	6.8	5.86-7.74
Lehigh	79	5.2	4.05-6.35 -	Chester	74	3.4	2.63-4.17 -
Luzerne	167	11.5	9.76-13.24 +	Delaware	181	6.8	5.81-7.79
Monroe	39	5.3	3.64-6.96 -	Lancaster	98	4.3	3.45-5.15 -
Northampton	38	2.8	1.91-3.69 -	Montgomery	203	5.5	4.74-6.26 -
Pike	13	5.8		Philadelphia	1,367	19.5	18.47-20.53 +
Susquehanna	8	3.9		Schuylkill	39	5.4	3.71-7.09 -
Wayne	18	8.1					
Wyoming	13	9.4					
				Pennsylvania	4,376	7.3	7.08-7.52

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. State data were compared to U.S. data. CIs were not calculated for rates based on less than 20 events due to unreliability.

Data for 1999-2003 based on ICD-10 cause of death codes

See Technical Notes.

**AVERAGE ANNUAL AGE-ADJUSTED DEATH RATES AND SIGNIFICANCE TEST RESULTS
DRUG POISONING
Pennsylvania Health Districts and Counties, 1999-2003**



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.
Data for 1999-2003 based on ICD-10 cause of death codes.
See Technical Notes.

DRUG POISONING
NUMBER OF DEATHS, TOTAL AND BY SELECTED AGE GROUPS, BY HEALTH DISTRICT
PENNSYLVANIA RESIDENTS, 1999-2003

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	4,376	144	4,071	160					
Northwest	198	6	180	12	Southwest	1,029	29	952	48
Cameron	0	0	0	0	Allegheny	623	9	587	27
Clarion	5	0	5	0	Armstrong	20	3	14	3
Clearfield	14	0	13	1	Beaver	53	3	46	4
Crawford	8	0	7	1	Butler	49	4	44	1
Elk	9	0	9	0	Cambria	52	2	48	2
Erie	68	1	60	7	Fayette	41	2	38	1
Forest	1	0	1	0	Greene	7	0	6	1
Jefferson	7	1	6	0	Indiana	15	0	15	0
Lawrence	26	0	25	1	Somerset	21	1	17	3
McKean	9	1	8	0	Washington	61	1	58	2
Mercer	38	3	34	1	Westmoreland	87	4	79	4
Venango	8	0	8	0					
Warren	5	0	4	1					
North Central	80	4	69	7	South Central	337	15	295	27
Bradford	3	1	1	1	Adams	13	2	11	0
Centre	16	0	15	1	Bedford	21	1	19	1
Clinton	5	0	5	0	Blair	62	1	56	5
Columbia	13	1	11	1	Cumberland	27	0	20	7
Lycoming	6	1	4	1	Dauphin	54	2	48	4
Montour	3	0	3	0	Franklin	14	1	11	2
Northumberland	21	0	20	1	Fulton	2	0	1	1
Potter	1	0	0	1	Huntingdon	2	0	2	0
Snyder	2	0	2	0	Juniata	4	0	2	2
Sullivan	1	0	1	0	Lebanon	32	2	28	2
Tioga	2	0	2	0	Mifflin	17	2	15	0
Union	7	1	5	1	Perry	10	1	9	0
					York	79	3	73	3
Northeast	502	23	464	15	Southeast	2,230	67	2,111	51
Carbon	15	1	13	1	Berks	66	0	62	4
Lackawanna	112	7	102	3	Bucks	202	10	186	6
Lehigh	79	5	72	2	Chester	74	5	65	4
Luzerne	167	6	160	1	Delaware	181	8	172	1
Monroe	39	1	37	1	Lancaster	98	3	92	3
Northampton	38	3	30	5	Montgomery	203	6	185	12
Pike	13	0	13	0	Philadelphia	1,367	34	1,313	19
Susquehanna	8	0	7	1	Schuylkill	39	1	36	2
Wayne	18	0	18	0					
Wyoming	13	0	12	1					

NOTE: * Unknowns included in totals.
 Data for 1999-2003 based on ICD-10 cause of death codes.
 See Technical Notes.

FALLS AND FALL-RELATED INJURIES

- The number of resident deaths due to falls and fall-related injuries was 858 in 2003 – 171 more deaths than the 687 reported for 1999. The annual age-adjusted death rate has been on the rise in recent years.
- Males consistently had higher annual age-adjusted death rates than females between 1999 and 2003.
- The annual age-adjusted death rates for white males have increased since 2000. Among white females, the age-adjusted death rates have increased slightly in recent years. The reliability of the age-adjusted death rates among black males and black females is questionable due to the small number of deaths.
- The age-specific death rates rose sharply with the increase of age among all four sex/race groups for 1999-2003.
- The highest age-specific death rates occurred among males for all of the age groups.
- 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.
- Forty-four percent of the female deaths occurred among those aged 85 and older during 1999-2003, compared to 23 percent of male deaths.
- Approximately eighty percent of the 3,704 deaths due to falls were among residents aged 65 and older during 1999-2003.
- Less than 1 percent of all deaths due to falls were among young residents (under 20 years of age) in 1999 through 2003.
- Eight counties (Allegheny, Bucks, Cambria, Delaware, Lehigh, Montgomery, Westmoreland, and York) had average annual age-adjusted death rates for 1999-2003 that were significantly higher than the corresponding state rate.
- Seven counties (Chester, Lackawanna, Lancaster, Lebanon, Luzerne, Mercer, and Northampton) had average annual age-adjusted death rates for 1999-2003 that were significantly lower than the corresponding state rate.
- Thirty-two counties out of 67 had less than 20 resident deaths each due to falls and fall-related injuries during the five-year period of 1999-2003.

HIGHEST AGE-ADJUSTED DEATH RATES:

Males

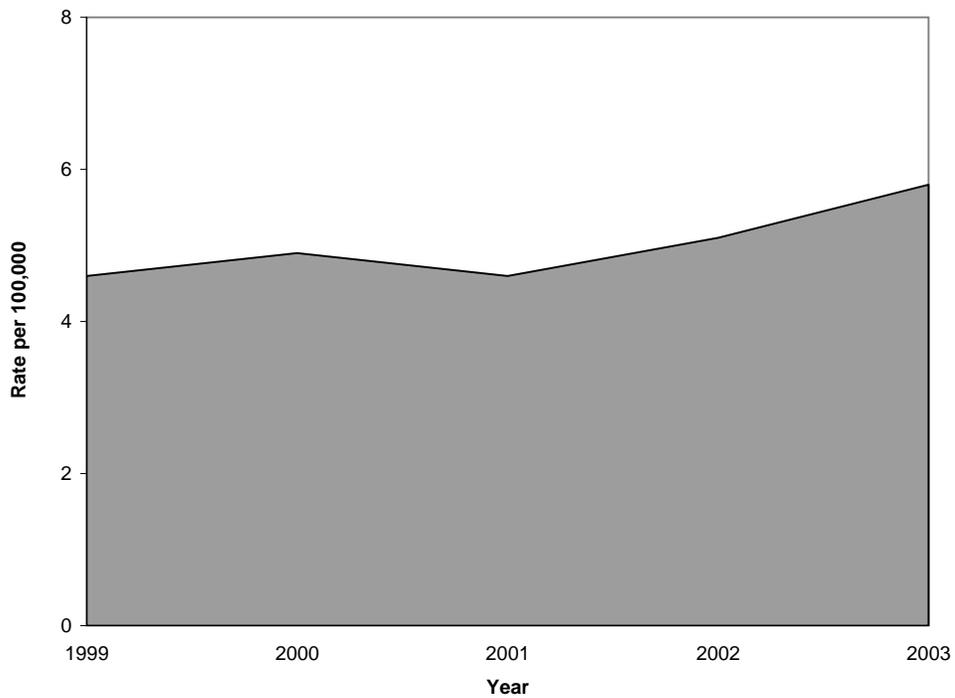
HIGHEST AGE-SPECIFIC DEATH RATES:

Elderly residents aged 70 and older

**FALLS AND FALL RELATED INJURIES
TOTAL NUMBER OF DEATHS AND AGE-ADJUSTED DEATH RATES
PENNSYLVANIA RESIDENTS, 1999-2003**

YEAR	NO.	RATE
1999	687	4.6
2000	714	4.9
2001	695	4.6
2002	750	5.1
2003	858	5.8

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 1999-2003 based on ICD-10 cause of death codes.
See Technical Notes.

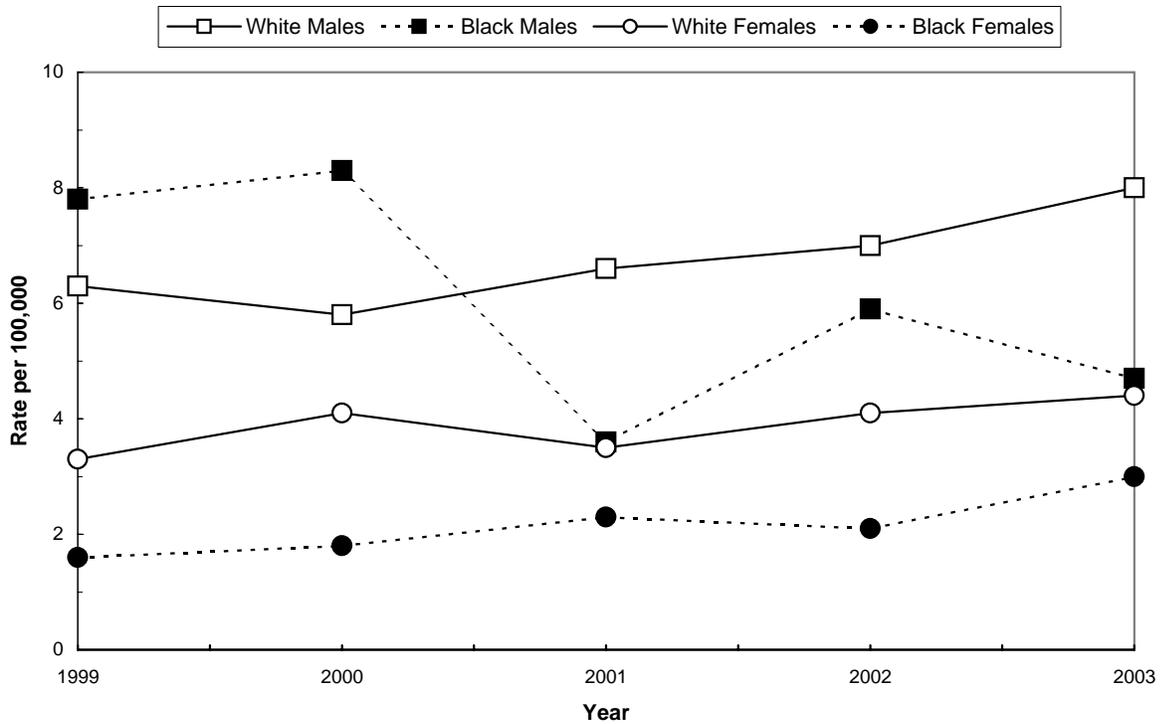


**National Healthy People 2010 Objective 15-27:
Reduce deaths from falls and fall-related injuries to no more than 3.0 per 100,000.**

FALLS AND FALL RELATED INJURIES
TOTAL NUMBER OF DEATHS AND AGE-ADJUSTED DEATH RATES BY SEX AND RACE
PENNSYLVANIA RESIDENTS, 1999-2003

YEAR	MALES						FEMALES					
	ALL RACES		WHITE		BLACK		ALL RACES		WHITE		BLACK	
	NO.	RATE	NO.	RATE	NO.	RATE	NO.	RATE	NO.	RATE	NO.	RATE
1999	379	6.5	343	6.3	33	7.8	308	3.2	297	3.3	10	1.6
2000	337	6.0	298	5.8	33	8.3	377	4.0	364	4.1	11	1.8
2001	364	6.3	346	6.6	15	3.6	331	3.4	316	3.5	14	2.3
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

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 1999-2003 based on ICD-10 cause of death codes.
 See Technical Notes.



FALLS AND FALL RELATED INJURIES
TOTAL NUMBER OF DEATHS AND AVERAGE ANNUAL AGE-SPECIFIC DEATH RATES BY SEX AND RACE
PENNSYLVANIA RESIDENTS, 1999-2003

AGE GROUP	ALL DEATHS		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 ***	3,704	5.9	1,899	6.2	1,754	6.8	126	4.3	1,805	5.5	1,728	6.3	67	2.1
< 5	11	0.3	9	0.5	7	0.5	2	0.8	2	0.1	2	0.1	0	-
5-9	4	0.1	3	0.1	3	0.2	0	-	1	0.0	1	0.1	0	-
10-14	1	0.0	1	0.0	1	0.1	0	-	0	-	0	-	0	-
15-19	20	0.4	17	0.7	14	0.8	1	0.4	3	0.1	3	0.2	0	-
20-24	31	0.8	25	1.2	22	1.3	3	1.3	6	0.3	5	0.3	1	0.4
25-29	21	0.6	18	0.9	14	0.9	4	1.9	3	0.2	3	0.2	0	-
30-34	31	0.7	24	1.1	20	1.2	3	1.4	7	0.3	7	0.4	0	-
35-39	54	1.2	40	1.7	37	1.9	2	0.9	14	0.6	12	0.6	1	0.4
40-44	85	1.7	64	2.6	56	2.7	4	1.9	21	0.8	15	0.7	4	1.6
45-49	101	2.2	78	3.4	70	3.5	7	3.8	23	1.0	21	1.0	1	0.5
50-54	133	3.2	97	4.8	77	4.3	20	13.3	36	1.7	32	1.8	4	2.2
55-59	116	3.5	88	5.5	74	5.2	12	10.5	28	1.6	24	1.6	4	2.7
60-64	137	5.0	98	7.6	81	7.0	14	15.6	39	2.7	38	3.0	1	0.8
65-69	182	7.4	102	9.1	88	8.7	13	17.7	80	5.9	70	5.8	9	8.5
70-74	341	14.4	209	20.6	191	20.4	17	28.1	132	9.8	127	10.3	3	3.2
75-79	493	23.9	257	31.2	250	32.7	6	13.1	236	19.1	228	20.0	8	10.4
80-84	704	48.1	325	61.1	318	64.2	6	21.6	379	40.7	366	42.3	12	22.2
85 +	1,239	98.1	444	121.3	431	126.8	12	63.3	795	88.6	774	92.9	19	36.6

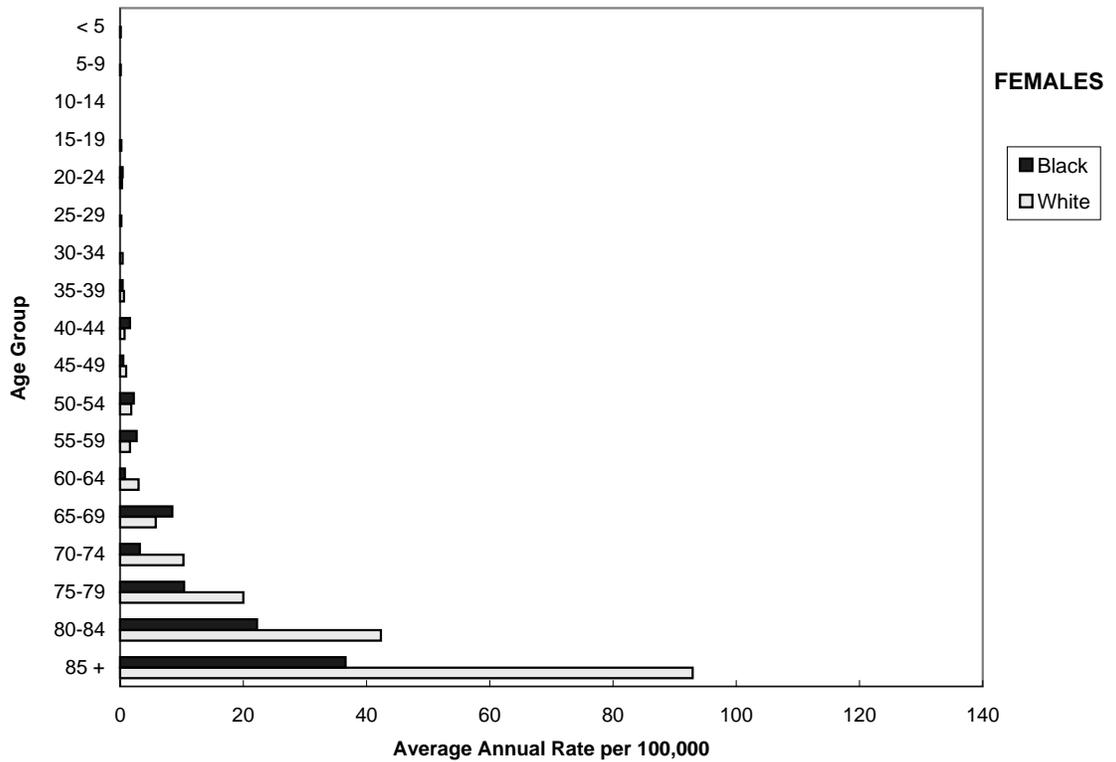
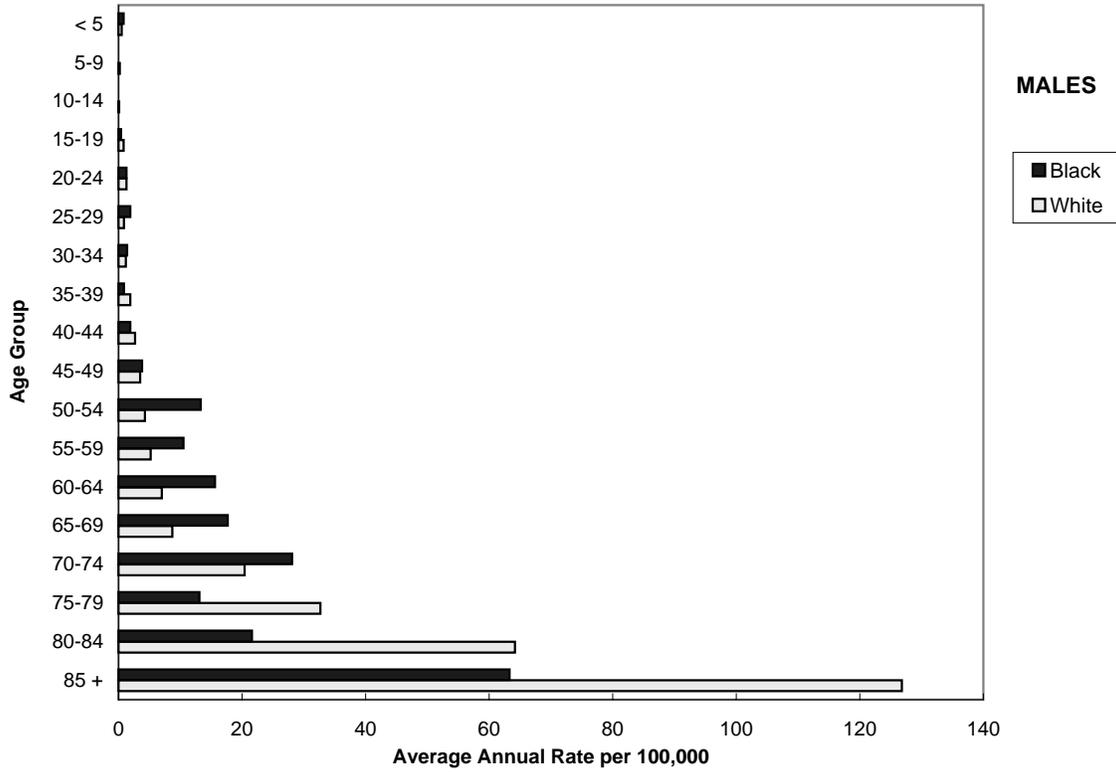
*** Unknown age included in totals.

NOTES: Rates are per 100,000 population (1999-2003) for each specified group.

Data for 1999-2003 based on ICD-10 cause of death codes.

See Technical Notes.

**FALLS AND FALL RELATED INJURIES
 AVERAGE ANNUAL AGE-SPECIFIC DEATH RATES
 BY SEX AND RACE, PENNSYLVANIA RESIDENTS, 1999-2003**



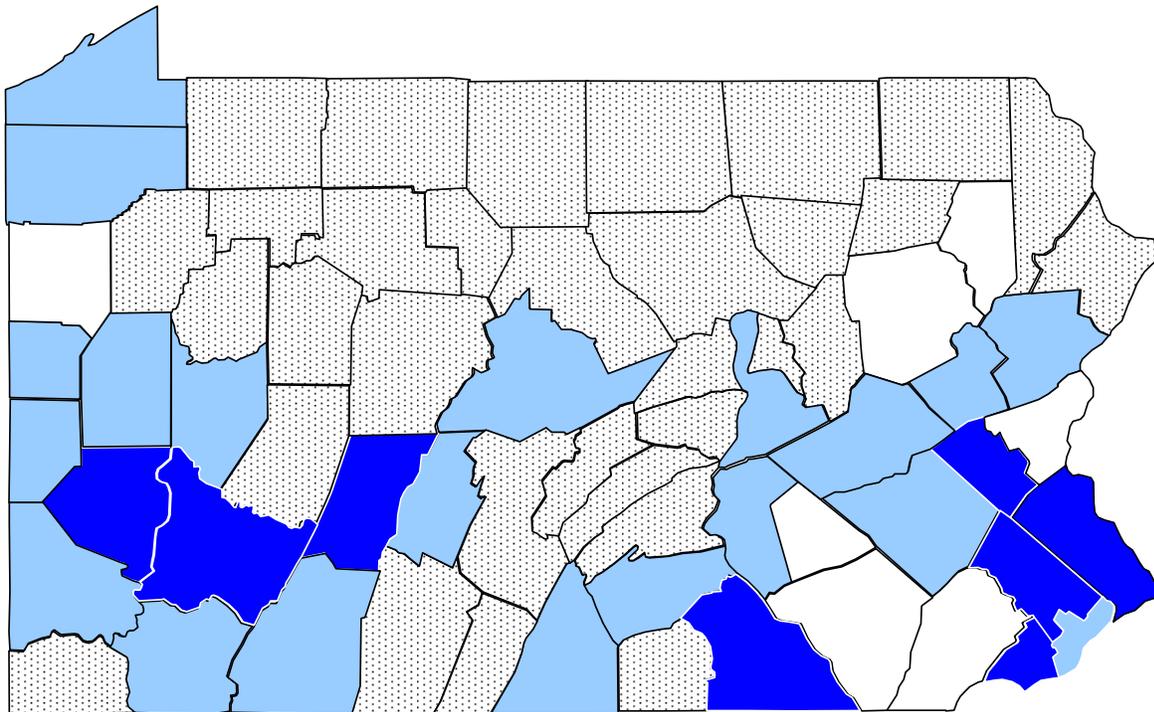
FALLS AND FALL RELATED INJURIES
NUMBER OF DEATHS, AVERAGE ANNUAL AGE-ADJUSTED DEATH RATES, 95 % CONFIDENCE INTERVALS,
AND SIGNIFICANCE TEST RESULTS, BY COUNTY, PENNSYLVANIA RESIDENTS, 1999-2003

County	No.	Rate	CI (95%)	County	No.	Rate	CI (95%)
Adams	17	3.3		Lackawanna	55	3.6	2.65-4.55 -
Allegheny	506	5.8	5.29-6.31 +	Lancaster	85	3.3	2.60-4.00 -
Armstrong	19	4.0		Lawrence	26	3.9	2.40-5.40
Beaver	51	4.3	3.12-5.48	Lebanon	24	3.2	1.92-4.48 -
Bedford	14	4.7		Lehigh	139	6.9	5.75-8.05 +
Berks	97	4.5	3.60-5.40	Luzerne	62	2.7	2.03-3.37 -
Blair	40	4.6	3.17-6.03	Lycoming	17	2.5	
Bradford	6	1.7		McKean	10	3.3	
Bucks	175	6.0	5.11-6.89 +	Mercer	21	2.6	1.49-3.71 -
Butler	41	3.9	2.71-5.09	Mifflin	10	3.3	
Cambria	79	7.2	5.61-8.79 +	Monroe	23	3.7	2.19-5.21
Cameron	1	3.2		Montgomery	356	7.7	6.90-8.50 +
Carbon	22	5.8	3.38-8.22	Montour	5	3.7	
Centre	26	4.5	2.77-6.23	Northampton	61	3.7	2.77-4.63 -
Chester	75	3.6	2.79-4.41 -	Northumberland	26	3.9	2.40-5.40
Clarion	10	4.3		Perry	4	1.9	
Clearfield	17	3.3		Philadelphia	405	5.0	4.51-5.49
Clinton	3	1.4		Pike	6	2.5	
Columbia	12	3.1		Potter	5	3.9	
Crawford	23	4.6	2.72-6.48	Schuylkill	51	4.7	3.41-5.99
Cumberland	52	4.2	3.06-5.34	Snyder	8	3.9	
Dauphin	64	4.6	3.47-5.73	Somerset	29	5.4	3.43-7.37
Delaware	212	6.3	5.45-7.15 +	Sullivan	1	1.5	
Elk	10	4.3		Susquehanna	6	2.2	
Erie	70	4.4	3.37-5.43	Tioga	7	2.7	
Fayette	40	4.0	2.76-5.24	Union	7	3.2	
Forest	2	4.7		Venango	10	2.8	
Franklin	46	5.8	4.12-7.48	Warren	12	4.2	
Fulton	4	5.0		Washington	67	4.9	3.73-6.07
Greene	7	2.9		Wayne	15	5.5	
Huntingdon	12	4.8		Westmoreland	159	6.1	5.15-7.05 +
Indiana	22	4.3	2.50-6.10	Wyoming	1	0.7	
Jefferson	8	2.6		York	200	9.8	8.44-11.16 +
Juniata	8	6.0					
				Pennsylvania	3,704	5.0	4.84-5.16

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. State data were compared to U.S. data. CIs were not calculated for rates based on less than 20 events due to unreliability.

Data for 1999-2003 based on ICD-10 cause of death codes.
See Technical Notes.

**FALLS AND FALL RELATED INJURIES
AVERAGE ANNUAL AGE-ADJUSTED DEATH RATES AND SIGNIFICANCE TEST RESULTS
BY COUNTY, PENNSYLVANIA RESIDENTS, 1999-2003**



Significantly lower than the state

Not significantly higher or lower than the state

Significantly higher than the state

Less than 20 events - statistically unreliable

**FALLS AND FALL RELATED INJURIES
NUMBER OF DEATHS, TOTAL AND BY SELECTED AGE GROUPS, BY COUNTY
PENNSYLVANIA RESIDENTS, 1999-2003**

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	3,704	36	709	2,959					
Adams	17	1	1	15	Lackawanna	55	0	11	44
Allegheny	506	2	91	413	Lancaster	85	2	21	62
Armstrong	19	0	6	13	Lawrence	26	1	4	21
Beaver	51	2	10	39	Lebanon	24	1	4	19
Bedford	14	1	4	9	Lehigh	139	0	18	121
Berks	97	2	23	72	Luzerne	62	0	18	44
Blair	40	0	7	33	Lycoming	17	1	5	11
Bradford	6	0	2	4	McKean	10	0	2	8
Bucks	175	2	29	144	Mercer	21	0	6	15
Butler	41	0	9	32	Mifflin	10	0	2	8
Cambria	79	1	18	60	Monroe	23	0	4	19
Cameron	1	0	1	0	Montgomery	356	1	35	320
Carbon	22	1	4	17	Montour	5	0	0	5
Centre	26	2	6	18	Northampton	61	0	9	52
Chester	75	1	19	55	Northumberland	26	0	3	23
Clarion	10	0	2	8	Perry	4	0	0	4
Clearfield	17	0	6	11	Philadelphia	405	4	117	284
Clinton	3	0	2	1	Pike	6	0	4	2
Columbia	12	0	3	9	Potter	5	0	0	5
Crawford	23	2	10	11	Schuylkill	51	1	9	41
Cumberland	52	1	8	43	Snyder	8	0	0	8
Dauphin	64	1	18	45	Somerset	29	0	7	22
Delaware	212	1	37	174	Sullivan	1	0	0	1
Elk	10	0	1	9	Susquehanna	6	0	0	6
Erie	70	1	13	56	Tioga	7	0	1	6
Fayette	40	0	7	33	Union	7	0	2	5
Forest	2	0	0	2	Venango	10	0	3	7
Franklin	46	1	5	40	Warren	12	0	1	11
Fulton	4	0	0	4	Washington	67	0	13	54
Greene	7	0	3	4	Wayne	15	1	8	6
Huntingdon	12	0	4	8	Westmoreland	159	0	14	145
Indiana	22	1	5	16	Wyoming	1	0	0	1
Jefferson	8	0	1	7	York	200	1	32	167
Juniata	8	0	1	7					

* Unknown age included in totals.

NOTE: Data for 1999-2003 based on ICD-10 cause of death codes.
See Technical Notes.

FALLS AND FALL RELATED INJURIES

NUMBER OF DEATHS, AVERAGE ANNUAL AGE-ADJUSTED DEATH RATES, 95 % CONFIDENCE INTERVALS, AND SIGNIFICANCE TEST RESULTS, BY HEALTH DISTRICT, PENNSYLVANIA RESIDENTS, 1999-2003

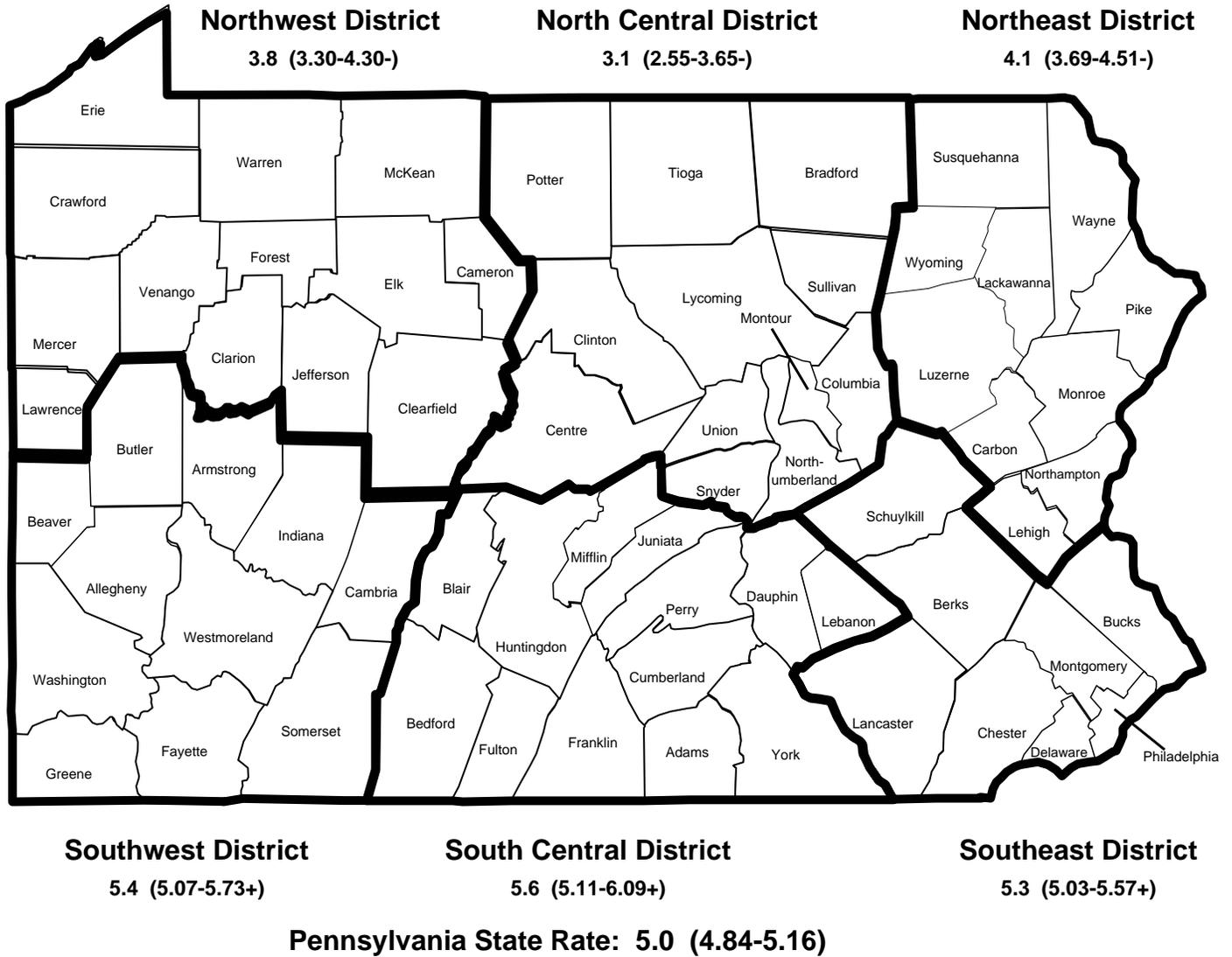
<u>District/County</u>	<u>No.</u>	<u>Rate</u>	<u>CI (95%)</u>	<u>District/County</u>	<u>No.</u>	<u>Rate</u>	<u>CI (95%)</u>
Northwest	220	3.8	3.30-4.30 -	Southwest	1,020	5.4	5.07-5.73 +
Cameron	1	3.2		Allegheny	506	5.8	5.29-6.31 +
Clarion	10	4.3		Armstrong	19	4.0	
Clearfield	17	3.3		Beaver	51	4.3	3.12-5.48
Crawford	23	4.6	2.72-6.48	Butler	41	3.9	2.71-5.09
Elk	10	4.3		Cambria	79	7.2	5.61-8.79 +
Erie	70	4.4	3.37-5.43	Fayette	40	4.0	2.76-5.24
Forest	2	4.7		Greene	7	2.9	
Jefferson	8	2.6		Indiana	22	4.3	2.50-6.10
Lawrence	26	3.9	2.40-5.40	Somerset	29	5.4	3.43-7.37
McKean	10	3.3		Washington	67	4.9	3.73-6.07
Mercer	21	2.6	1.49-3.71 -	Westmoreland	159	6.1	5.15-7.05 +
Venango	10	2.8					
Warren	12	4.2					
North Central	123	3.1	2.55-3.65 -	South Central	495	5.6	5.11-6.09 +
Bradford	6	1.7		Adams	17	3.3	
Centre	26	4.5	2.77-6.23	Bedford	14	4.7	
Clinton	3	1.4		Blair	40	4.6	3.17-6.03
Columbia	12	3.1		Cumberland	52	4.2	3.06-5.34
Lycoming	17	2.5		Dauphin	64	4.6	3.47-5.73
Montour	5	3.7		Franklin	46	5.8	4.12-7.48
Northumberland	26	3.9	2.40-5.40	Fulton	4	5.0	
Potter	5	3.9		Huntingdon	12	4.8	
Snyder	8	3.9		Juniata	8	6.0	
Sullivan	1	1.5		Lebanon	24	3.2	1.92-4.48 -
Tioga	7	2.7		Mifflin	10	3.3	
Union	7	3.2		Perry	4	1.9	
				York	200	9.8	8.44-11.16 +
Northeast	390	4.1	3.69-4.51 -	Southeast	1,456	5.3	5.03-5.57 +
Carbon	22	5.8	3.38-8.22	Berks	97	4.5	3.60-5.40
Lackawanna	55	3.6	2.65-4.55 -	Bucks	175	6.0	5.11-6.89 +
Lehigh	139	6.9	5.75-8.05 +	Chester	75	3.6	2.79-4.41 -
Luzerne	62	2.7	2.03-3.37 -	Delaware	212	6.3	5.45-7.15 +
Monroe	23	3.7	2.19-5.21	Lancaster	85	3.3	2.60-4.00 -
Northampton	61	3.7	2.77-4.63 -	Montgomery	356	7.7	6.90-8.50 +
Pike	6	2.5		Philadelphia	405	5.0	4.51-5.49
Susquehanna	6	2.2		Schuylkill	51	4.7	3.41-5.99
Wayne	15	5.5					
Wyoming	1	0.7					
				Pennsylvania	3,704	5.0	4.84-5.16

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. State data were compared to U.S. data. CIs were not calculated for rates based on less than 20 events due to unreliability.

Data for 1999-2003 based on ICD-10 cause of death codes.

See Technical Notes.

**AVERAGE ANNUAL AGE-ADJUSTED DEATH RATES AND SIGNIFICANCE TEST RESULTS
FALLS AND FALL RELATED INJURIES
Pennsylvania Health Districts and Counties, 1999-2003**



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.
Data for 1999-2003 based on ICD-10 cause of death codes.
See Technical Notes.

**FALLS AND FALL RELATED INJURIES
NUMBER OF DEATHS, TOTAL AND BY SELECTED AGE GROUPS, BY HEALTH DISTRICT
PENNSYLVANIA RESIDENTS, 1999-2003**

COUNTY	TOTAL DEATHS*	AGE AT DEATH (IN YEARS)		
		< 20	20-64	65+
Pennsylvania	3,704	36	709	2,959
Northwest	220	4	50	166
Cameron	1	0	1	0
Clarion	10	0	2	8
Clearfield	17	0	6	11
Crawford	23	2	10	11
Elk	10	0	1	9
Erie	70	1	13	56
Forest	2	0	0	2
Jefferson	8	0	1	7
Lawrence	26	1	4	21
McKean	10	0	2	8
Mercer	21	0	6	15
Venango	10	0	3	7
Warren	12	0	1	11
North Central	123	3	24	96
Bradford	6	0	2	4
Centre	26	2	6	18
Clinton	3	0	2	1
Columbia	12	0	3	9
Lycoming	17	1	5	11
Montour	5	0	0	5
Northumberland	26	0	3	23
Potter	5	0	0	5
Snyder	8	0	0	8
Sullivan	1	0	0	1
Tioga	7	0	1	6
Union	7	0	2	5
Northeast	390	2	76	312
Carbon	22	1	4	17
Lackawanna	55	0	11	44
Lehigh	139	0	18	121
Luzerne	62	0	18	44
Monroe	23	0	4	19
Northampton	61	0	9	52
Pike	6	0	4	2
Susquehanna	6	0	0	6
Wayne	15	1	8	6
Wyoming	1	0	0	1

COUNTY	TOTAL DEATHS*	AGE AT DEATH (IN YEARS)		
		< 20	20-64	65+
Southwest	1,020	6	183	831
Allegheny	506	2	91	413
Armstrong	19	0	6	13
Beaver	51	2	10	39
Butler	41	0	9	32
Cambria	79	1	18	60
Fayette	40	0	7	33
Greene	7	0	3	4
Indiana	22	1	5	16
Somerset	29	0	7	22
Washington	67	0	13	54
Westmoreland	159	0	14	145
South Central	495	7	86	402
Adams	17	1	1	15
Bedford	14	1	4	9
Blair	40	0	7	33
Cumberland	52	1	8	43
Dauphin	64	1	18	45
Franklin	46	1	5	40
Fulton	4	0	0	4
Huntingdon	12	0	4	8
Juniata	8	0	1	7
Lebanon	24	1	4	19
Mifflin	10	0	2	8
Perry	4	0	0	4
York	200	1	32	167
Southeast	1,456	14	290	1,152
Berks	97	2	23	72
Bucks	175	2	29	144
Chester	75	1	19	55
Delaware	212	1	37	174
Lancaster	85	2	21	62
Montgomery	356	1	35	320
Philadelphia	405	4	117	284
Schuylkill	51	1	9	41

NOTE: * Unknowns included in totals.

Data for 1999-2003 based on ICD-10 cause of death codes.

See Technical Notes.

FIRE AND FLAMES

- Between 1999 and 2002 the number and the age-adjusted rate for resident deaths due to fire and flames had been decreasing. However, the number of deaths in 2003, compared to 2002, increased 45 percent – from 119 to 173.
- Among the four sex/race groups, black males consistently had the highest annual age-adjusted death rates during the years of 1999-2003. In 2003, the rate for black males was 3.5 per 100,000, compared to 2.0 for black females, 1.5 for white males, and 1.0 for white females in 2003.
- The annual age-adjusted death rates for white males and white females have not changed much over the years of 1999-2003. Although the annual rates for black males have been lower in recent years, the rates for black males and black females are based on small numbers of annual deaths making interpretation difficult.
- As occurred with the age-adjusted death rates, the age-specific death rates for blacks, especially males, were the highest among the four sex/race groups for nearly all age categories.
- Among both males and females, the highest age-specific death rates were usually recorded among older residents and the very young (under 5 years of age).
- Eighteen percent or 143 of the 773 resident deaths due to fires during 1999-2003 were among those under 20 years of age. Another 37 percent occurred among residents aged 65 and older. The young and older residents together accounted for 55 percent of all the deaths due to fire and flames.
- Philadelphia residents accounted for 23 percent, or 176, of the deaths due to fires among Pennsylvania residents between 1999 and 2003.
- Two counties (Fayette and Philadelphia) had average annual age-adjusted death rates for the five-year period of 1999-2003 that were significantly higher than the corresponding state rate.
- Three counties (Allegheny, Bucks and Montgomery) had average annual age-adjusted death rates for 1999-2003 that were significantly lower than the corresponding state rate.
- Only nine counties had 20 or more resident deaths each due to fires during the five-year period of 1999-2003 (Allegheny, Bucks, Dauphin, Fayette, Luzerne, Montgomery, Philadelphia, Westmoreland, and York).

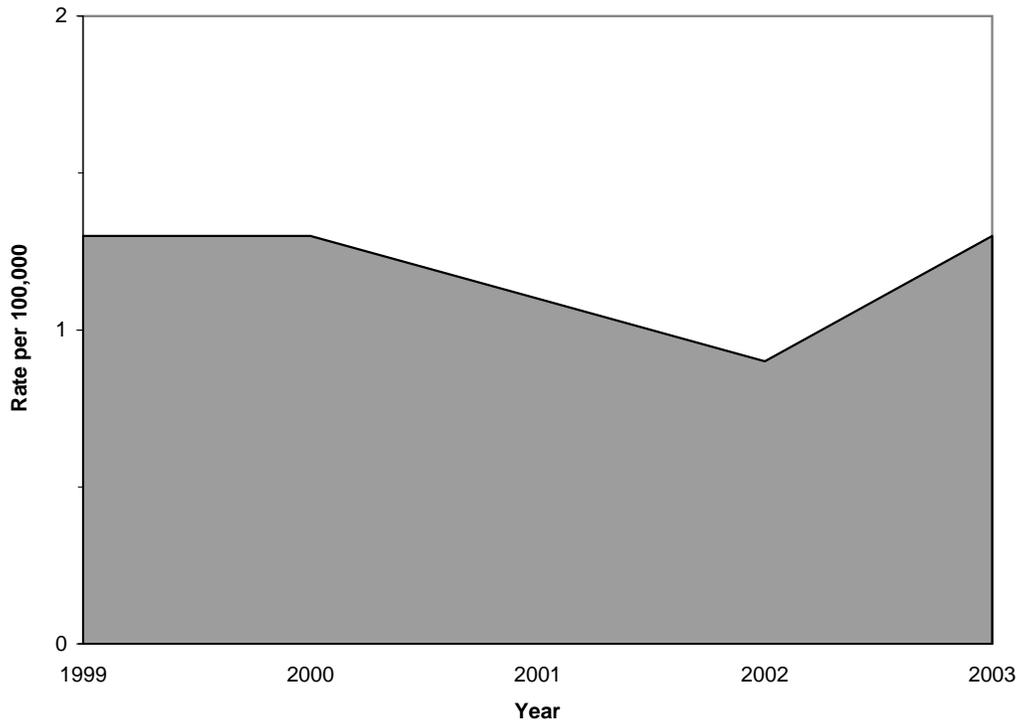
**HIGHEST AGE-ADJUSTED DEATH RATES:
Black males and black females**

**HIGHEST AGE-SPECIFIC DEATH RATES:
Very young (under age 5) and elderly residents**

FIRE AND FLAMES
TOTAL NUMBER OF DEATHS AND AGE-ADJUSTED DEATH RATES
PENNSYLVANIA RESIDENTS, 1999-2003

YEAR	NO.	RATE
1999	162	1.3
2000	169	1.3
2001	150	1.1
2002	119	0.9
2003	173	1.3

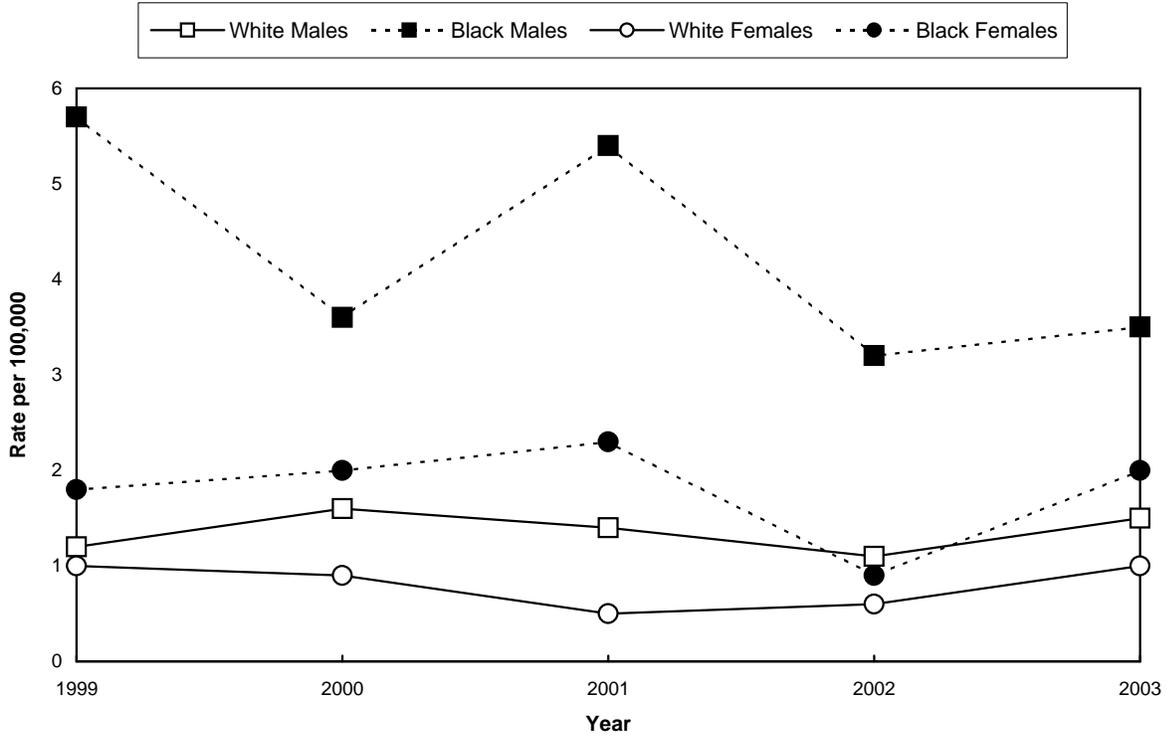
NOTES: Age-adjusted rates are computed by the direct method using the 2000 U.S. standard million population. Rates are per 100,000. Data for 1999-2003 based on ICD-10 cause of death codes. See Technical Notes.



FIRE AND FLAMES
TOTAL NUMBER OF DEATHS AND AGE-ADJUSTED DEATH RATES BY SEX AND RACE
PENNSYLVANIA RESIDENTS, 1999-2003

YEAR	MALES						FEMALES					
	ALL RACES		WHITE		BLACK		ALL RACES		WHITE		BLACK	
	NO.	RATE	NO.	RATE	NO.	RATE	NO.	RATE	NO.	RATE	NO.	RATE
1999	90	1.6	61	1.2	29	5.7	72	1.1	60	1.0	11	1.8
2000	102	1.7	85	1.6	17	3.6	67	1.0	55	0.9	12	2.0
2001	98	1.7	74	1.4	24	5.4	52	0.7	36	0.5	14	2.3
2002	72	1.2	57	1.1	15	3.2	47	0.7	41	0.6	6	0.9
2003	96	1.6	79	1.5	17	3.5	77	1.1	63	1.0	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 1999-2003 based on ICD-10 cause of death codes.
 See Technical Notes.



FIRE AND FLAMES
TOTAL NUMBER OF DEATHS AND AVERAGE ANNUAL AGE-SPECIFIC DEATH RATES BY SEX AND RACE
PENNSYLVANIA RESIDENTS, 1999-2003

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 ***	773	1.2	458	1.5	356	1.4	102	3.5	315	1.0	255	0.9	56	1.7
< 5	67	1.7	46	2.3	32	2.1	14	5.6	21	1.1	16	1.1	4	1.7
5-9	35	0.8	22	1.0	10	0.6	12	4.3	13	0.6	9	0.6	4	1.5
10-14	25	0.6	16	0.7	12	0.7	4	1.4	9	0.4	5	0.3	4	1.5
15-19	16	0.4	7	0.3	5	0.3	2	0.8	9	0.4	6	0.3	3	1.2
20-24	26	0.6	16	0.8	15	0.9	1	0.4	10	0.5	9	0.6	0	-
25-29	18	0.5	8	0.4	7	0.5	1	0.5	10	0.5	9	0.6	1	0.5
30-34	29	0.7	18	0.9	17	1.0	1	0.5	11	0.5	10	0.6	1	0.4
35-39	39	0.8	26	1.1	24	1.2	2	0.9	13	0.5	10	0.5	2	0.8
40-44	55	1.1	30	1.2	28	1.3	2	0.9	25	1.0	18	0.9	7	2.9
45-49	43	0.9	29	1.3	24	1.2	5	2.7	14	0.6	9	0.4	5	2.3
50-54	64	1.6	44	2.2	35	2.0	9	6.0	20	1.0	18	1.0	2	1.1
55-59	30	0.9	19	1.2	13	0.9	6	5.2	11	0.6	8	0.5	3	2.1
60-64	41	1.5	25	1.9	20	1.7	5	5.6	16	1.1	12	0.9	3	2.5
65-69	50	2.0	28	2.5	18	1.8	10	13.6	22	1.6	21	1.7	1	0.9
70-74	54	2.3	38	3.7	25	2.7	13	21.5	16	1.2	13	1.1	3	3.2
75-79	68	3.3	35	4.3	26	3.4	9	19.6	33	2.7	25	2.2	8	10.4
80-84	70	4.8	36	6.8	32	6.5	4	14.4	34	3.7	33	3.8	1	1.8
85 +	43	3.4	15	4.1	13	3.8	2	10.6	28	3.1	24	2.9	4	7.7

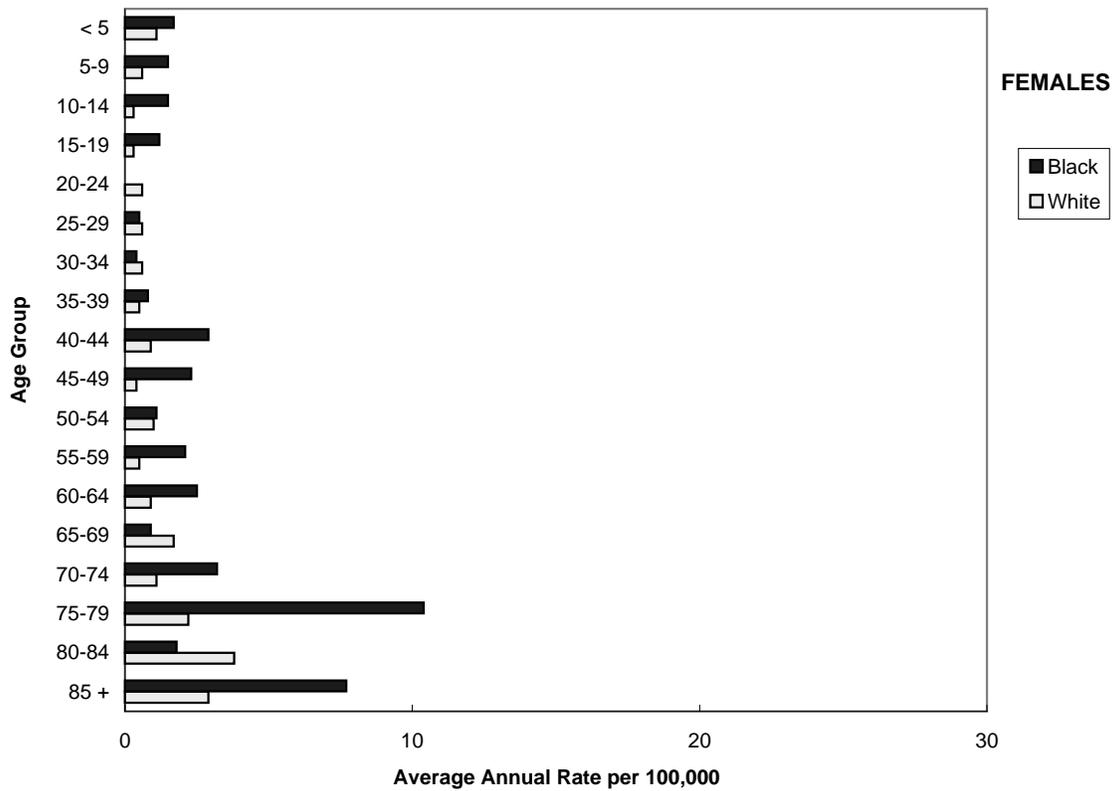
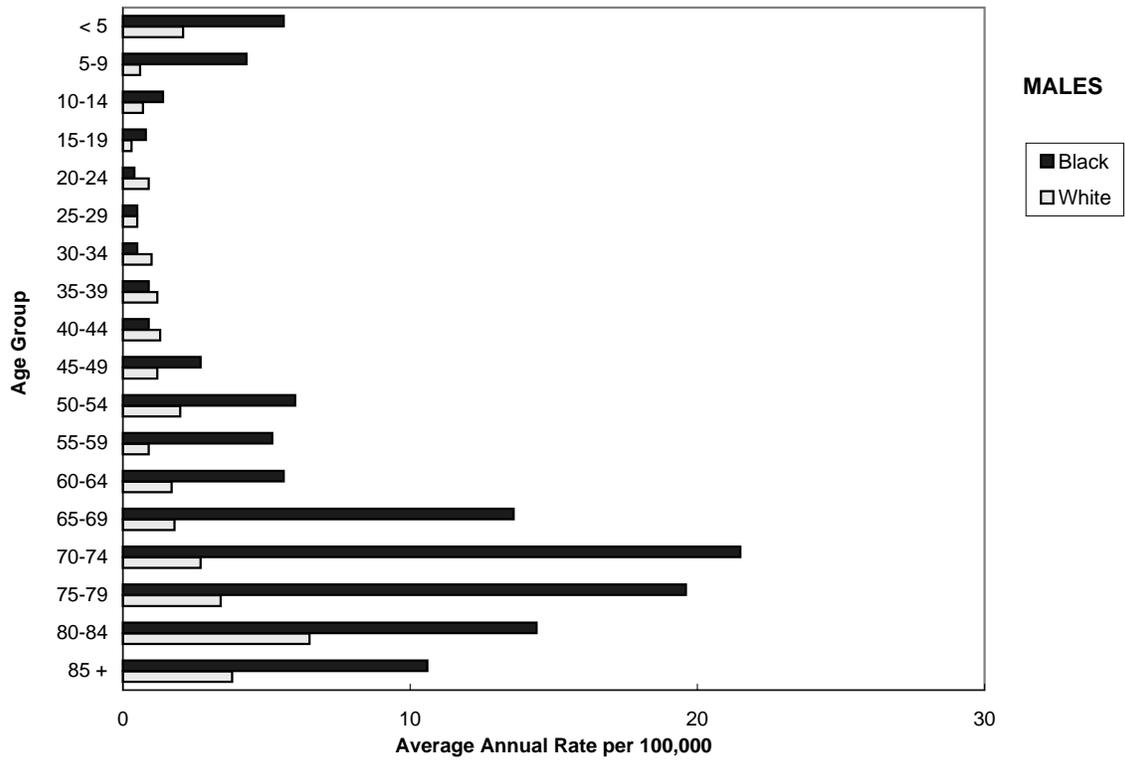
*** Unknown age included in totals.

NOTES: Rates are per 100,000 population (1999-2003) for each specified group.

Data for 1999-2003 based on ICD-10 cause of death codes.

See Technical Notes.

**FIRE AND FLAMES
 AVERAGE ANNUAL AGE-SPECIFIC DEATH RATES
 BY SEX AND RACE, PENNSYLVANIA RESIDENTS, 1999-2003**



FIRE AND FLAMES

NUMBER OF DEATHS, AVERAGE ANNUAL AGE-ADJUSTED DEATH RATES, 95 % CONFIDENCE INTERVALS, AND SIGNIFICANCE TEST RESULTS, BY COUNTY, PENNSYLVANIA RESIDENTS, 1999-2003

County	No.	Rate	CI (95%)	County	No.	Rate	CI (95%)
Adams	0	-		Lackawanna	14	1.3	
Allegheny	63	0.9	0.68-1.12 -	Lancaster	16	0.7	
Armstrong	5	1.2		Lawrence	10	2.2	
Beaver	14	1.4		Lebanon	10	1.6	
Bedford	1	0.5		Lehigh	11	0.6	
Berks	17	0.9		Luzerne	26	1.4	0.86-1.94
Blair	5	0.6		Lycoming	12	1.9	
Bradford	12	3.6		McKean	6	2.6	
Bucks	24	0.8	0.48-1.12 -	Mercer	8	1.1	
Butler	10	1.1		Mifflin	1	0.3	
Cambria	14	1.5		Monroe	6	0.8	
Cameron	0	-		Montgomery	23	0.6	0.35-0.85 -
Carbon	1	0.2		Montour	3	3.2	
Centre	7	1.3		Northampton	13	0.9	
Chester	10	0.5		Northumberland	7	1.3	
Clarion	8	4.3		Perry	4	1.9	
Clearfield	9	1.8		Philadelphia	176	2.4	2.05-2.75 +
Clinton	2	0.8		Pike	1	0.5	
Columbia	3	0.7		Potter	1	0.9	
Crawford	4	0.9		Schuylkill	10	1.2	
Cumberland	16	1.5		Snyder	2	0.9	
Dauphin	21	1.7	0.97-2.43	Somerset	5	1.2	
Delaware	15	0.5		Sullivan	0	-	
Elk	2	0.9		Susquehanna	4	1.6	
Erie	19	1.3		Tioga	4	2.0	
Fayette	24	3.3	1.98-4.62 +	Union	3	1.2	
Forest	0	-		Venango	3	1.0	
Franklin	2	0.3		Warren	5	2.5	
Fulton	0	-		Washington	14	1.2	
Greene	5	2.9		Wayne	0	-	
Huntingdon	1	0.4		Westmoreland	24	1.1	0.66-1.54
Indiana	9	2.3		Wyoming	4	2.7	
Jefferson	1	0.5		York	20	1.0	0.56-1.44
Juniata	3	2.8					
				Pennsylvania	773	1.2	1.12-1.28

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. State data were compared to U.S. data. CIs were not calculated for rates based on less than 20 events due to unreliability.

Data for 1999-2003 based on ICD-10 cause of death codes.
See Technical Notes.

FIRE AND FLAMES
NUMBER OF DEATHS, TOTAL AND BY SELECTED AGE GROUPS, BY COUNTY
PENNSYLVANIA RESIDENTS, 1999-2003

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	773	143	345	285					
Adams	0	0	0	0	Lackawanna	14	2	8	4
Allegheny	63	12	25	26	Lancaster	16	3	12	1
Armstrong	5	0	3	2	Lawrence	10	5	3	2
Beaver	14	2	6	6	Lebanon	10	3	4	3
Bedford	1	1	0	0	Lehigh	11	0	7	4
Berks	17	4	10	3	Luzerne	26	3	9	14
Blair	5	0	1	4	Lycoming	12	3	4	5
Bradford	12	4	3	5	McKean	6	1	4	1
Bucks	24	3	12	9	Mercer	8	1	1	6
Butler	10	4	4	2	Mifflin	1	0	0	1
Cambria	14	1	6	7	Monroe	6	1	4	1
Cameron	0	0	0	0	Montgomery	23	2	9	12
Carbon	1	0	0	1	Montour	3	0	2	1
Centre	7	2	2	3	Northampton	13	1	10	2
Chester	10	2	3	5	Northumberland	7	1	3	3
Clarion	8	4	2	2	Perry	4	2	1	1
Clearfield	9	1	2	6	Philadelphia	176	29	78	69
Clinton	2	0	0	2	Pike	1	0	1	0
Columbia	3	0	1	2	Potter	1	0	1	0
Crawford	4	2	1	1	Schuylkill	10	1	6	3
Cumberland	16	4	6	6	Snyder	2	0	1	1
Dauphin	21	4	9	8	Somerset	5	0	4	1
Delaware	15	4	7	4	Sullivan	0	0	0	0
Elk	2	0	1	1	Susquehanna	4	1	0	3
Erie	19	5	8	6	Tioga	4	2	0	2
Fayette	24	8	11	5	Union	3	0	3	0
Forest	0	0	0	0	Venango	3	0	3	0
Franklin	2	0	2	0	Warren	5	0	4	1
Fulton	0	0	0	0	Washington	14	2	8	4
Greene	5	4	0	1	Wayne	0	0	0	0
Huntingdon	1	0	0	1	Westmoreland	24	3	11	10
Indiana	9	3	5	1	Wyoming	4	1	0	3
Jefferson	1	0	1	0	York	20	1	11	8
Juniata	3	1	2	0					

* Unknown age included in totals.

NOTE: Data for 1999-2003 based on ICD-10 cause of death codes.
See Technical Notes.

FIRE AND FLAMES

NUMBER OF DEATHS, AVERAGE ANNUAL AGE-ADJUSTED DEATH RATES, 95 % CONFIDENCE INTERVALS, AND SIGNIFICANCE TEST RESULTS, BY HEALTH DISTRICT, PENNSYLVANIA RESIDENTS, 1999-2003

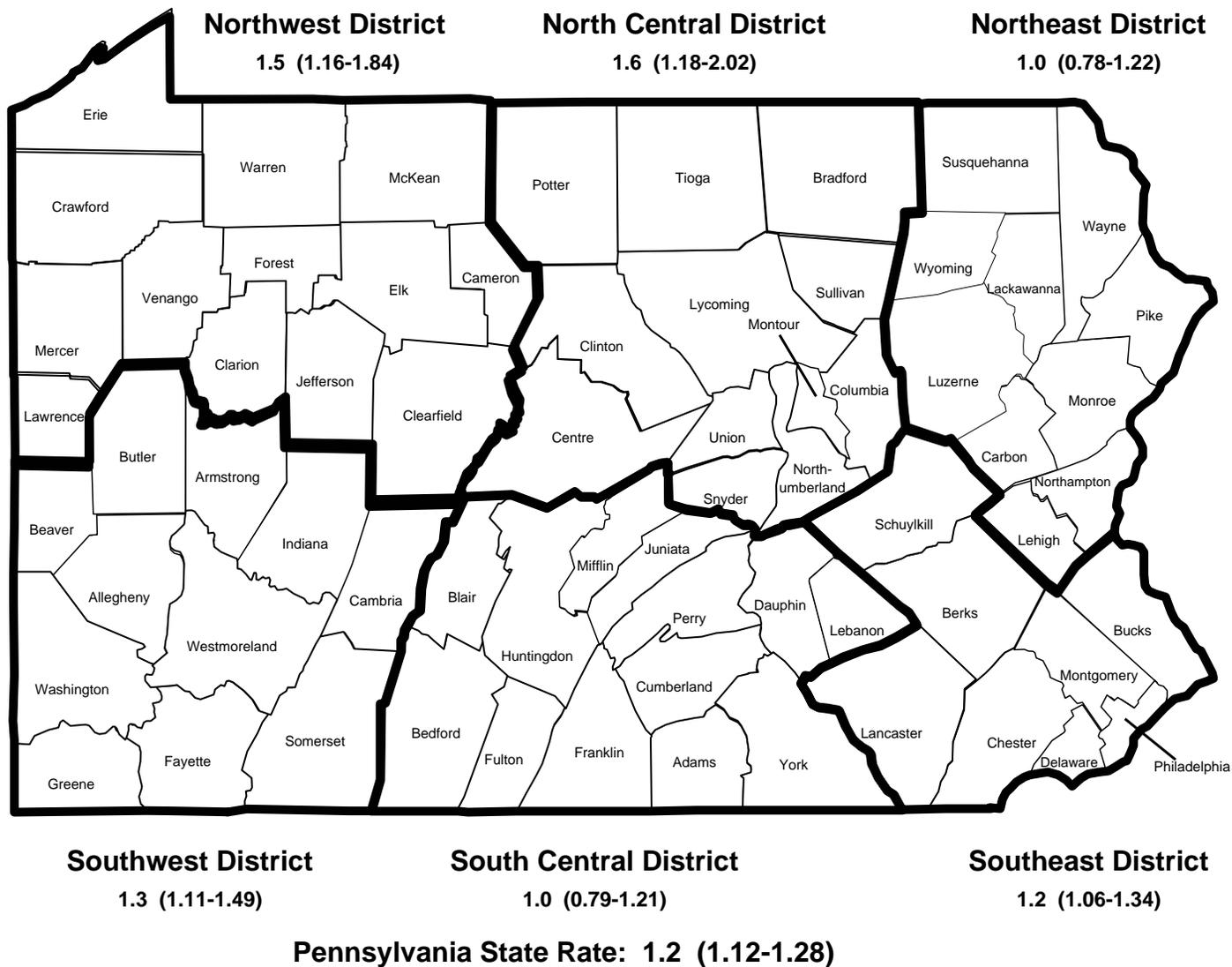
<u>District/County</u>	<u>No.</u>	<u>Rate</u>	<u>CI (95%)</u>	<u>District/County</u>	<u>No.</u>	<u>Rate</u>	<u>CI (95%)</u>
Northwest	75	1.5	1.16-1.84	Southwest	187	1.3	1.11-1.49
Cameron	0	-		Allegheny	63	0.9	0.68-1.12 -
Clarion	8	4.3		Armstrong	5	1.2	
Clearfield	9	1.8		Beaver	14	1.4	
Crawford	4	0.9		Butler	10	1.1	
Elk	2	0.9		Cambria	14	1.5	
Erie	19	1.3		Fayette	24	3.3	1.98-4.62 +
Forest	0	-		Greene	5	2.9	
Jefferson	1	0.5		Indiana	9	2.3	
Lawrence	10	2.2		Somerset	5	1.2	
McKean	6	2.6		Washington	14	1.2	
Mercer	8	1.1		Westmoreland	24	1.1	0.66-1.54
Venango	3	1.0					
Warren	5	2.5					
North Central	56	1.6	1.18-2.02	South Central	84	1.0	0.79-1.21
Bradford	12	3.6		Adams	0	-	
Centre	7	1.3		Bedford	1	0.5	
Clinton	2	0.8		Blair	5	0.6	
Columbia	3	0.7		Cumberland	16	1.5	
Lycoming	12	1.9		Dauphin	21	1.7	0.97-2.43
Montour	3	3.2		Franklin	2	0.3	
Northumberland	7	1.3		Fulton	0	-	
Potter	1	0.9		Huntingdon	1	0.4	
Snyder	2	0.9		Juniata	3	2.8	
Sullivan	0	-		Lebanon	10	1.6	
Tioga	4	2.0		Mifflin	1	0.3	
Union	3	1.2		Perry	4	1.9	
				York	20	1.0	0.56-1.44
Northeast	80	1.0	0.78-1.22	Southeast	291	1.2	1.06-1.34
Carbon	1	0.2		Berks	17	0.9	
Lackawanna	14	1.3		Bucks	24	0.8	0.48-1.12 -
Lehigh	11	0.6		Chester	10	0.5	
Luzerne	26	1.4	0.86-1.94	Delaware	15	0.5	
Monroe	6	0.8		Lancaster	16	0.7	
Northampton	13	0.9		Montgomery	23	0.6	0.35-0.85 -
Pike	1	0.5		Philadelphia	176	2.4	2.05-2.75 +
Susquehanna	4	1.6		Schuylkill	10	1.2	
Wayne	0	-					
Wyoming	4	2.7					
				Pennsylvania	773	1.2	1.12-1.28

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. State data were compared to U.S. data. CIs were not calculated for rates based on less than 20 events due to unreliability.

Data for 1999-2003 based on ICD-10 cause of death codes.

See Technical Notes.

**AVERAGE ANNUAL AGE-ADJUSTED DEATH RATES AND SIGNIFICANCE TEST RESULTS
FIRE AND FLAMES
Pennsylvania Health Districts and Counties, 1999-2003**



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.
Data for 1999-2003 based on ICD-10 cause of death codes.
See Technical Notes.

FIRE AND FLAMES
NUMBER OF DEATHS, TOTAL AND BY SELECTED AGE GROUPS, BY HEALTH DISTRICT
PENNSYLVANIA RESIDENTS, 1999-2003

COUNTY	TOTAL DEATHS*	AGE AT DEATH (IN YEARS)		
		< 20	20-64	65+
Pennsylvania	773	143	345	285
Northwest	75	19	30	26
Cameron	0	0	0	0
Clarion	8	4	2	2
Clearfield	9	1	2	6
Crawford	4	2	1	1
Elk	2	0	1	1
Erie	19	5	8	6
Forest	0	0	0	0
Jefferson	1	0	1	0
Lawrence	10	5	3	2
McKean	6	1	4	1
Mercer	8	1	1	6
Venango	3	0	3	0
Warren	5	0	4	1
North Central	56	12	20	24
Bradford	12	4	3	5
Centre	7	2	2	3
Clinton	2	0	0	2
Columbia	3	0	1	2
Lycoming	12	3	4	5
Montour	3	0	2	1
Northumberland	7	1	3	3
Potter	1	0	1	0
Snyder	2	0	1	1
Sullivan	0	0	0	0
Tioga	4	2	0	2
Union	3	0	3	0
Northeast	80	9	39	32
Carbon	1	0	0	1
Lackawanna	14	2	8	4
Lehigh	11	0	7	4
Luzerne	26	3	9	14
Monroe	6	1	4	1
Northampton	13	1	10	2
Pike	1	0	1	0
Susquehanna	4	1	0	3
Wayne	0	0	0	0
Wyoming	4	1	0	3

COUNTY	TOTAL DEATHS*	AGE AT DEATH (IN YEARS)		
		< 20	20-64	65+
Southwest	187	39	83	65
Allegheny	63	12	25	26
Armstrong	5	0	3	2
Beaver	14	2	6	6
Butler	10	4	4	2
Cambria	14	1	6	7
Fayette	24	8	11	5
Greene	5	4	0	1
Indiana	9	3	5	1
Somerset	5	0	4	1
Washington	14	2	8	4
Westmoreland	24	3	11	10
South Central	84	16	36	32
Adams	0	0	0	0
Bedford	1	1	0	0
Blair	5	0	1	4
Cumberland	16	4	6	6
Dauphin	21	4	9	8
Franklin	2	0	2	0
Fulton	0	0	0	0
Huntingdon	1	0	0	1
Juniata	3	1	2	0
Lebanon	10	3	4	3
Mifflin	1	0	0	1
Perry	4	2	1	1
York	20	1	11	8
Southeast	291	48	137	106
Berks	17	4	10	3
Bucks	24	3	12	9
Chester	10	2	3	5
Delaware	15	4	7	4
Lancaster	16	3	12	1
Montgomery	23	2	9	12
Philadelphia	176	29	78	69
Schuylkill	10	1	6	3

NOTE: * Unknowns included in totals.

Data for 1999-2003 based on ICD-10 cause of death codes.

See Technical Notes.

DROWNING AND SUBMERSION

- The annual numbers and the age-adjusted rates for resident deaths due to drowning and submersion have been relatively stable during the five-year period of 1999-2003. The 1999 age-adjusted death rate was 0.9 per 100,000, compared to 0.7 in 2003.
- The national Healthy People 2010 objective is for an age-adjusted death rate of no more than 0.9 per 100,000. Pennsylvania's annual rates have been at or below that goal throughout the period of 1999-2003.
- Males consistently had much higher annual age-adjusted death rates than females during 1999-2003. For example, the 2003 rate for males was 1.2 per 100,000 – four times higher than the 2003 rate for females of 0.3.
- The annual age-adjusted death rates for white males and white females have not changed much during 1999 through 2003. The annual rates for black males and females are based on small numbers making interpretation of rates difficult.
- As occurred with the annual age-adjusted rates, the age-specific death rates covering the five-year period of 1999-2003 were usually much higher among males than females.
- The highest age-specific death rates for both males and females occurred among the youngest (under 5 years of age), and oldest (aged 80 years and older) age groups.
- Slightly more than thirty-three percent, or 152 of the 455 deaths due to drowning and submersion during 1999-2003, were to residents under 20 years of age.
- Only four counties had 20 or more resident drowning deaths reported during the five-year period of 1999-2003 (Allegheny, Bucks, Montgomery, and Philadelphia).
- Philadelphia and Allegheny County residents combined accounted for 99 (22 percent) of the 455 drowning deaths among Pennsylvania residents in 1999-2003.

HIGHEST AGE-ADJUSTED DEATH RATES:

Males

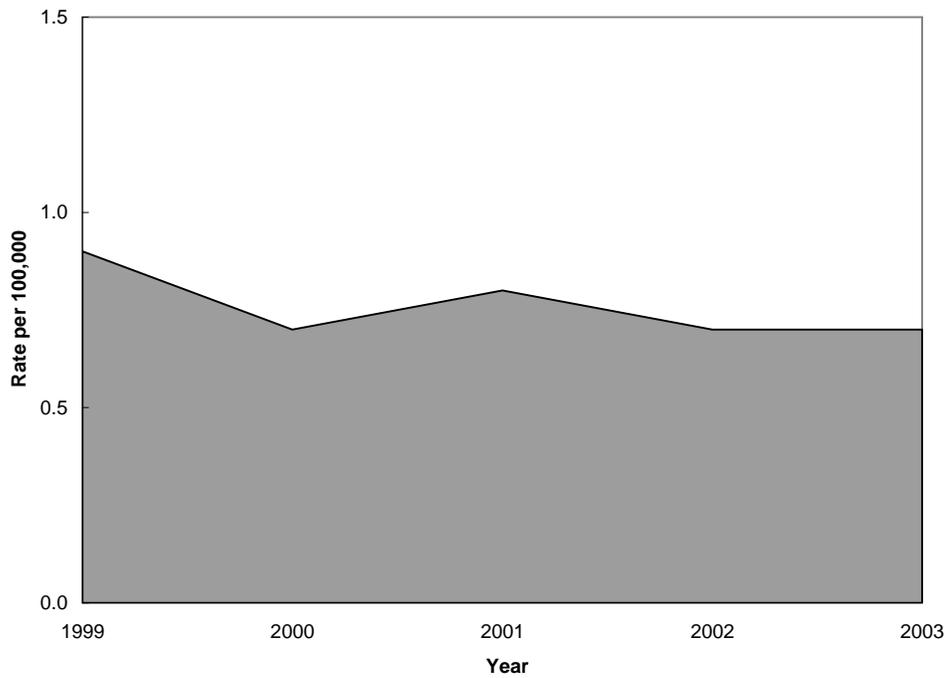
HIGHEST AGE-SPECIFIC DEATH RATES:

Very young (under age 5) and elderly (aged 80+) males

**DROWNING AND SUBMERSION
TOTAL NUMBER OF DEATHS AND AGE-ADJUSTED DEATH RATES
PENNSYLVANIA RESIDENTS, 1999-2003**

YEAR	NO.	RATE
1999	103	0.9
2000	90	0.7
2001	92	0.8
2002	82	0.7
2003	88	0.7

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 1999-2003 based on ICD-10 cause of death codes. See Technical Notes.

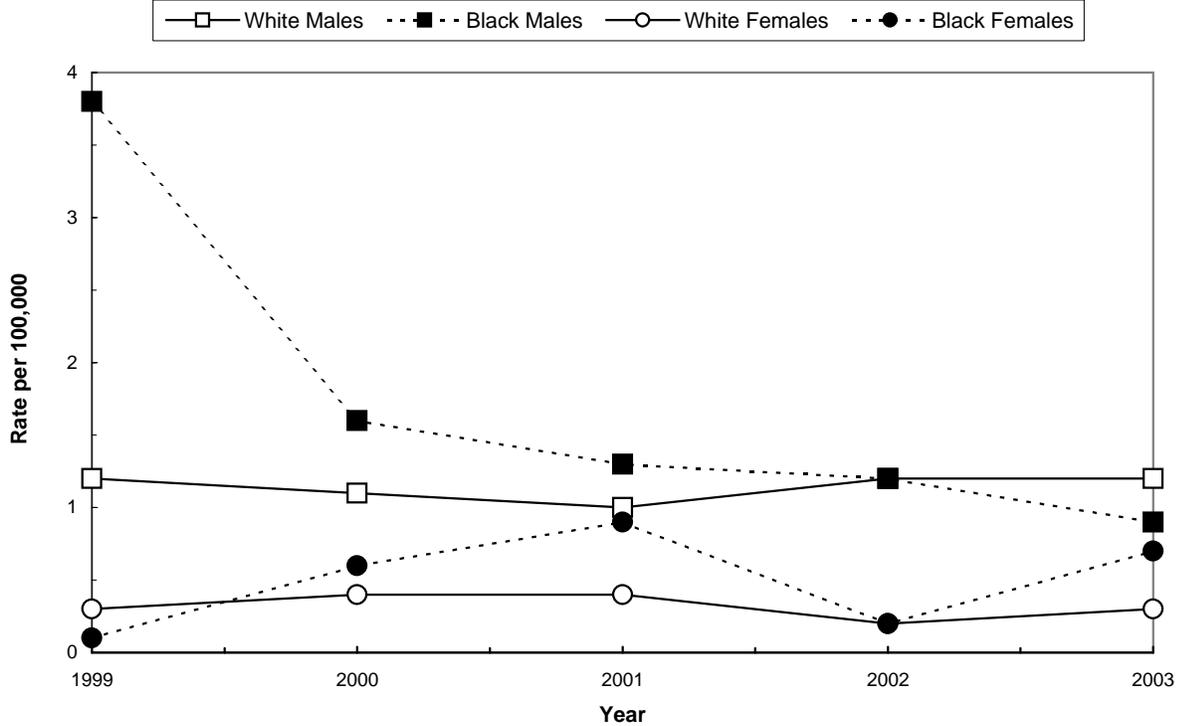


**National Healthy People 2010 Objective 15-29:
Reduce drowning deaths to no more than 0.9 per 100,000.**

**DROWNING AND SUBMERSION
TOTAL NUMBER OF DEATHS AND AGE-ADJUSTED DEATH RATES BY SEX AND RACE
PENNSYLVANIA RESIDENTS, 1999-2003**

YEAR	MALES						FEMALES					
	ALL RACES		WHITE		BLACK		ALL RACES		WHITE		BLACK	
	NO.	RATE	NO.	RATE	NO.	RATE	NO.	RATE	NO.	RATE	NO.	RATE
1999	85	1.5	62	1.2	22	3.8	18	0.3	17	0.3	1	0.1
2000	65	1.1	52	1.1	10	1.6	25	0.4	21	0.4	4	0.6
2001	61	1.0	52	1.0	8	1.3	31	0.5	22	0.4	6	0.9
2002	68	1.2	59	1.2	8	1.2	14	0.2	13	0.2	1	0.2
2003	69	1.2	60	1.2	6	0.9	19	0.3	14	0.3	5	0.7

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 1999-2003 based on ICD-10 cause of death codes.
See Technical Notes.



DROWNING AND SUBMERSION
TOTAL NUMBER OF DEATHS AND AVERAGE ANNUAL AGE-SPECIFIC DEATH RATES BY SEX AND RACE
PENNSYLVANIA RESIDENTS, 1999-2003

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 ***	455	0.7	348	1.1	285	1.1	54	1.8	107	0.3	87	0.3	17	0.5
< 5	60	1.5	35	1.8	31	2.0	3	1.2	25	1.3	21	1.4	2	0.8
5-9	19	0.5	15	0.7	10	0.6	5	1.8	4	0.2	4	0.3	0	-
10-14	29	0.7	19	0.8	6	0.3	12	4.3	10	0.5	3	0.2	7	2.6
15-19	44	1.0	39	1.7	34	1.8	4	1.5	5	0.2	4	0.2	1	0.4
20-24	36	0.9	32	1.6	28	1.7	4	1.7	4	0.2	4	0.2	0	-
25-29	39	1.0	33	1.7	26	1.7	5	2.4	6	0.3	3	0.2	2	0.9
30-34	25	0.6	19	0.9	17	1.0	1	0.5	6	0.3	6	0.4	0	-
35-39	32	0.7	28	1.2	19	1.0	8	3.6	4	0.2	4	0.2	0	-
40-44	25	0.5	19	0.8	16	0.8	3	1.4	6	0.2	5	0.2	1	0.4
45-49	31	0.7	27	1.2	24	1.2	3	1.6	4	0.2	3	0.1	1	0.5
50-54	19	0.5	19	0.9	16	0.9	3	2.0	0	-	0	-	0	-
55-59	16	0.5	12	0.7	10	0.7	2	1.7	4	0.2	3	0.2	1	0.7
60-64	13	0.5	9	0.7	9	0.8	0	-	4	0.3	4	0.3	0	-
65-69	4	0.2	3	0.3	2	0.2	1	1.4	1	0.1	1	0.1	0	-
70-74	15	0.6	13	1.3	13	1.4	0	-	2	0.1	2	0.2	0	-
75-79	13	0.6	6	0.7	6	0.8	0	-	7	0.6	7	0.6	0	-
80-84	16	1.1	8	1.5	8	1.6	0	-	8	0.9	7	0.8	1	1.8
85 +	17	1.3	10	2.7	9	2.6	0	-	7	0.8	6	0.7	1	1.9

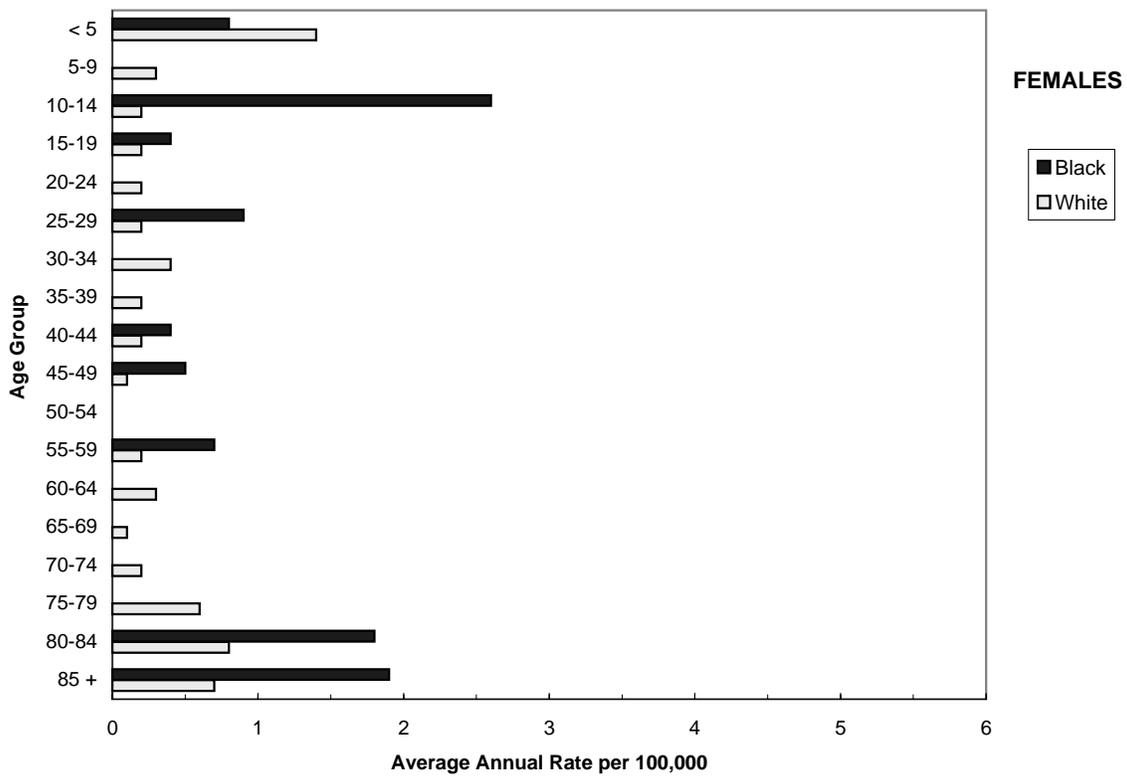
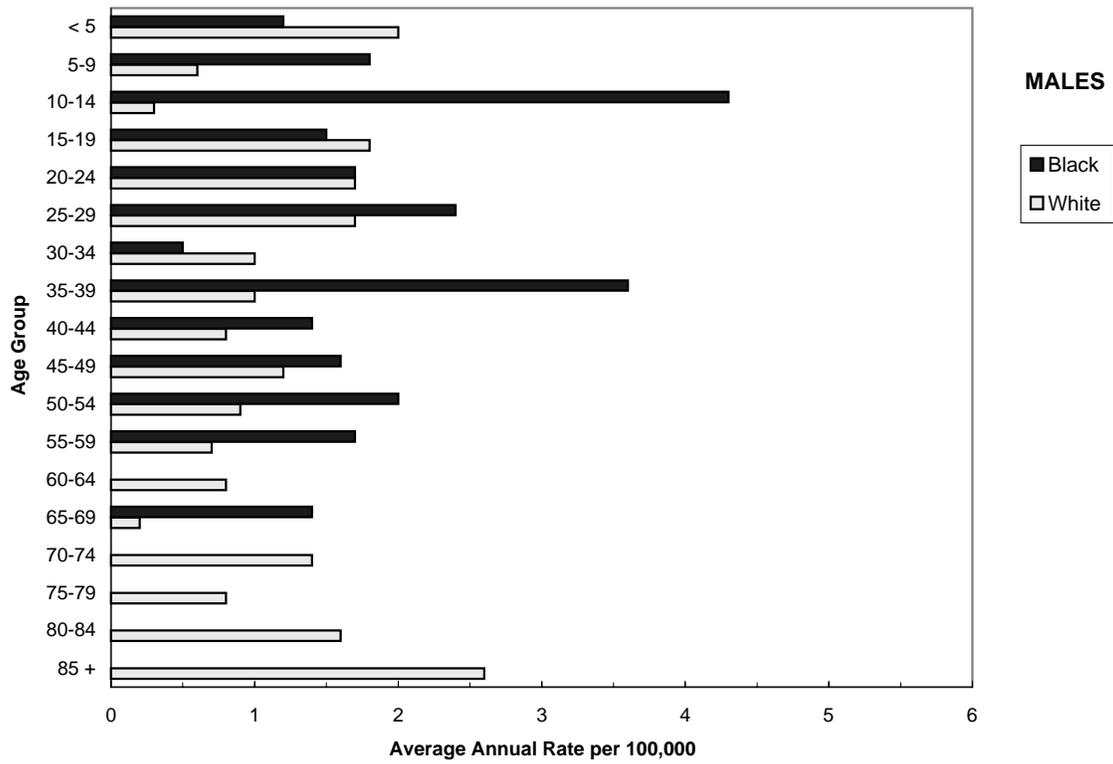
*** Unknown age included in totals.

NOTES: Rates are per 100,000 population (1999-2003) for each specified group.

Data for 1999-2003 based on ICD-10 cause of death codes.

See Technical Notes.

**DROWNING AND SUBMERSION
 AVERAGE ANNUAL AGE-SPECIFIC DEATH RATES
 BY SEX AND RACE, PENNSYLVANIA RESIDENTS, 1999-2003**



DROWNING AND SUBMERSION

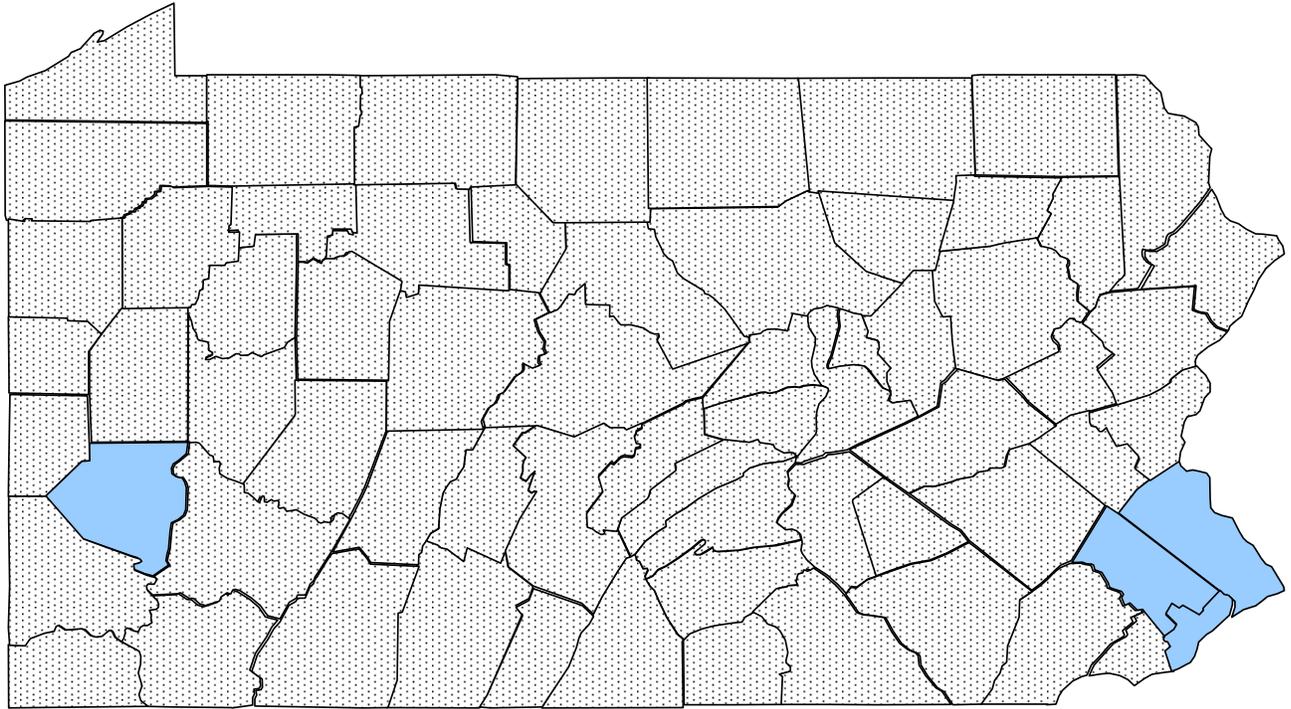
NUMBER OF DEATHS, AVERAGE ANNUAL AGE-ADJUSTED DEATH RATES, 95 % CONFIDENCE INTERVALS, AND SIGNIFICANCE TEST RESULTS, BY COUNTY, PENNSYLVANIA RESIDENTS, 1999-2003

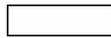
County	No.	Rate	CI (95%)	County	No.	Rate	CI (95%)
Adams	4	0.9		Lackawanna	12	1.1	
Allegheny	46	0.7	0.50-0.90	Lancaster	18	0.8	
Armstrong	2	0.6		Lawrence	3	0.7	
Beaver	7	0.8		Lebanon	5	0.8	
Bedford	1	0.5		Lehigh	12	0.8	
Berks	18	1.0		Luzerne	9	0.6	
Blair	4	0.7		Lycoming	5	1.0	
Bradford	3	1.1		McKean	0	-	
Bucks	20	0.7	0.39-1.01	Mercer	7	1.2	
Butler	8	1.0		Mifflin	2	0.9	
Cambria	5	0.8		Monroe	6	0.8	
Cameron	0	-		Montgomery	25	0.6	0.36-0.84
Carbon	3	1.1		Montour	0	-	
Centre	4	0.7		Northampton	13	0.9	
Chester	11	0.5		Northumberland	8	1.9	
Clarion	1	0.3		Perry	1	0.5	
Clearfield	2	0.5		Philadelphia	53	0.7	0.51-0.89
Clinton	2	1.1		Pike	3	1.2	
Columbia	3	0.8		Potter	1	1.3	
Crawford	5	1.2		Schuylkill	4	0.6	
Cumberland	7	0.6		Snyder	3	1.7	
Dauphin	9	0.7		Somerset	1	0.2	
Delaware	18	0.6		Sullivan	0	-	
Elk	1	0.6		Susquehanna	2	0.8	
Erie	15	1.1		Tioga	1	0.4	
Fayette	9	1.3		Union	0	-	
Forest	0	-		Venango	6	2.2	
Franklin	1	0.2		Warren	3	1.6	
Fulton	1	1.5		Washington	5	0.6	
Greene	2	0.9		Wayne	3	1.3	
Huntingdon	1	0.6		Westmoreland	13	0.7	
Indiana	1	0.1		Wyoming	1	0.8	
Jefferson	2	0.9		York	10	0.5	
Juniata	4	3.5					
				Pennsylvania	455	0.8	0.73-0.87

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. State data were compared to U.S. data. CIs were not calculated for rates based on less than 20 events due to unreliability.

Data for 1999-2003 based on ICD-10 cause of death codes.
See Technical Notes.

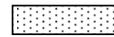
**DROWNING AND SUBMERSION
AVERAGE ANNUAL AGE-ADJUSTED DEATH RATES AND SIGNIFICANCE TEST RESULTS
BY COUNTY, PENNSYLVANIA RESIDENTS, 1999-2003**



 Significantly lower than the state

 Not significantly higher or lower than the state

 Significantly higher than the state

 Less than 20 events - statistically unreliable

DROWNING AND SUBMERSION
NUMBER OF DEATHS, TOTAL AND BY SELECTED AGE GROUPS, BY COUNTY
PENNSYLVANIA RESIDENTS, 1999-2003

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	455	152	236	65					
Adams	4	1	3	0	Lackawanna	12	5	3	4
Allegheny	46	9	32	5	Lancaster	18	7	9	2
Armstrong	2	0	2	0	Lawrence	3	0	3	0
Beaver	7	2	3	2	Lebanon	5	2	2	1
Bedford	1	1	0	0	Lehigh	12	4	5	3
Berks	18	12	6	0	Luzerne	9	3	5	1
Blair	4	2	2	0	Lycoming	5	4	1	0
Bradford	3	1	2	0	McKean	0	0	0	0
Bucks	20	7	9	3	Mercer	7	3	4	0
Butler	8	2	6	0	Mifflin	2	1	1	0
Cambria	5	2	3	0	Monroe	6	3	1	2
Cameron	0	0	0	0	Montgomery	25	5	12	7
Carbon	3	1	2	0	Montour	0	0	0	0
Centre	4	0	4	0	Northampton	13	1	9	3
Chester	11	2	6	3	Northumberland	8	2	5	1
Clarion	1	0	1	0	Perry	1	1	0	0
Clearfield	2	0	2	0	Philadelphia	53	18	28	7
Clinton	2	2	0	0	Pike	3	0	2	1
Columbia	3	1	1	1	Potter	1	0	1	0
Crawford	5	5	0	0	Schuylkill	4	1	3	0
Cumberland	7	3	1	3	Snyder	3	3	0	0
Dauphin	9	1	5	3	Somerset	1	0	0	1
Delaware	18	2	12	4	Sullivan	0	0	0	0
Elk	1	0	1	0	Susquehanna	2	0	2	0
Erie	15	9	5	1	Tioga	1	0	1	0
Fayette	9	4	3	2	Union	0	0	0	0
Forest	0	0	0	0	Venango	6	4	1	1
Franklin	1	1	0	0	Warren	3	1	2	0
Fulton	1	0	1	0	Washington	5	2	3	0
Greene	2	0	1	1	Wayne	3	1	1	1
Huntingdon	1	1	0	0	Westmoreland	13	5	7	1
Indiana	1	0	1	0	Wyoming	1	0	1	0
Jefferson	2	1	1	0	York	10	2	7	1
Juniata	4	2	2	0					

* Unknown age included in totals.

NOTE: Data for 1999-2003 based on ICD-10 cause of death codes.
See Technical Notes.

DROWNING AND SUBMERSION

NUMBER OF DEATHS, AVERAGE ANNUAL AGE-ADJUSTED DEATH RATES, 95 % CONFIDENCE INTERVALS, AND SIGNIFICANCE TEST RESULTS, BY HEALTH DISTRICT, PENNSYLVANIA RESIDENTS, 1999-2003

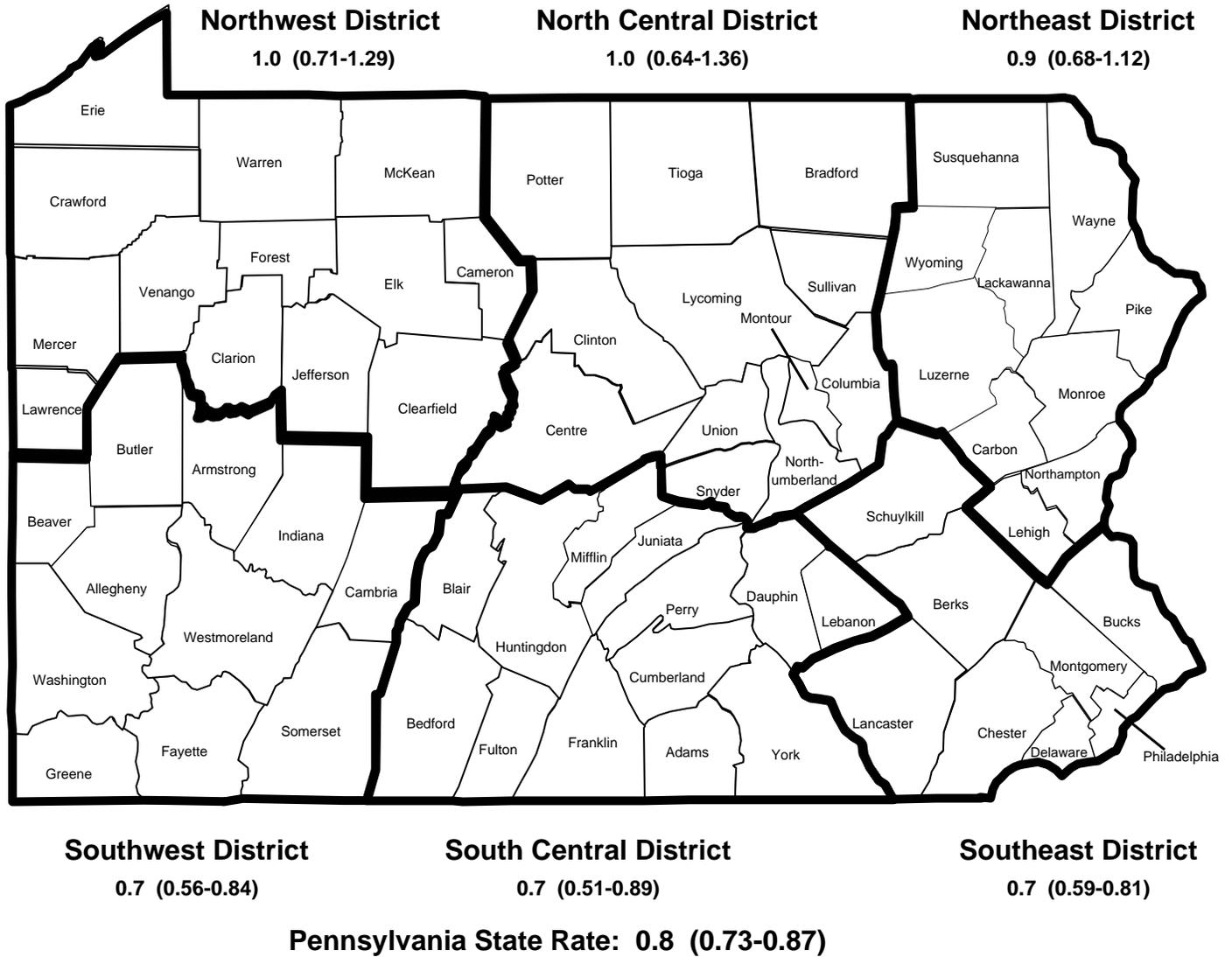
<u>District/County</u>	<u>No.</u>	<u>Rate</u>	<u>CI (95%)</u>	<u>District/County</u>	<u>No.</u>	<u>Rate</u>	<u>CI (95%)</u>
Northwest	45	1.0	0.71-1.29	Southwest	99	0.7	0.56-0.84
Cameron	0	-		Allegheny	46	0.7	0.50-0.90
Clarion	1	0.3		Armstrong	2	0.6	
Clearfield	2	0.5		Beaver	7	0.8	
Crawford	5	1.2		Butler	8	1.0	
Elk	1	0.6		Cambria	5	0.8	
Erie	15	1.1		Fayette	9	1.3	
Forest	0	-		Greene	2	0.9	
Jefferson	2	0.9		Indiana	1	0.1	
Lawrence	3	0.7		Somerset	1	0.2	
McKean	0	-		Washington	5	0.6	
Mercer	7	1.2		Westmoreland	13	0.7	
Venango	6	2.2					
Warren	3	1.6					
North Central	30	1.0	0.64-1.36	South Central	50	0.7	0.51-0.89
Bradford	3	1.1		Adams	4	0.9	
Centre	4	0.7		Bedford	1	0.5	
Clinton	2	1.1		Blair	4	0.7	
Columbia	3	0.8		Cumberland	7	0.6	
Lycoming	5	1.0		Dauphin	9	0.7	
Montour	0	-		Franklin	1	0.2	
Northumberland	8	1.9		Fulton	1	1.5	
Potter	1	1.3		Huntingdon	1	0.6	
Snyder	3	1.7		Juniata	4	3.5	
Sullivan	0	-		Lebanon	5	0.8	
Tioga	1	0.4		Mifflin	2	0.9	
Union	0	-		Perry	1	0.5	
				York	10	0.5	
Northeast	64	0.9	0.68-1.12	Southeast	167	0.7	0.59-0.81
Carbon	3	1.1		Berks	18	1.0	
Lackawanna	12	1.1		Bucks	20	0.7	0.39-1.01
Lehigh	12	0.8		Chester	11	0.5	
Luzerne	9	0.6		Delaware	18	0.6	
Monroe	6	0.8		Lancaster	18	0.8	
Northampton	13	0.9		Montgomery	25	0.6	0.36-0.84
Pike	3	1.2		Philadelphia	53	0.7	0.51-0.89
Susquehanna	2	0.8		Schuylkill	4	0.6	
Wayne	3	1.3					
Wyoming	1	0.8					
				Pennsylvania	455	0.8	0.73-0.87

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. State data were compared to U.S. data. CIs were not calculated for rates based on less than 20 events due to unreliability.

Data for 1999-2003 based on ICD-10 cause of death codes.

See Technical Notes.

**AVERAGE ANNUAL AGE-ADJUSTED DEATH RATES AND SIGNIFICANCE TEST RESULTS
DROWNING AND SUBMERSION
Pennsylvania Health Districts and Counties, 1999-2003**



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.
Data for 1999-2003 based on ICD-10 cause of death codes.
See Technical Notes.

DROWNING AND SUBMERSION
NUMBER OF DEATHS, TOTAL AND BY SELECTED AGE GROUPS, BY HEALTH DISTRICT
PENNSYLVANIA RESIDENTS, 1999-2003

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	455	152	236	65					
Northwest	45	23	20	2	Southwest	99	26	61	12
Cameron	0	0	0	0	Allegheny	46	9	32	5
Clarion	1	0	1	0	Armstrong	2	0	2	0
Clearfield	2	0	2	0	Beaver	7	2	3	2
Crawford	5	5	0	0	Butler	8	2	6	0
Elk	1	0	1	0	Cambria	5	2	3	0
Erie	15	9	5	1	Fayette	9	4	3	2
Forest	0	0	0	0	Greene	2	0	1	1
Jefferson	2	1	1	0	Indiana	1	0	1	0
Lawrence	3	0	3	0	Somerset	1	0	0	1
McKean	0	0	0	0	Washington	5	2	3	0
Mercer	7	3	4	0	Westmoreland	13	5	7	1
Venango	6	4	1	1					
Warren	3	1	2	0					
North Central	30	13	15	2	South Central	50	18	24	8
Bradford	3	1	2	0	Adams	4	1	3	0
Centre	4	0	4	0	Bedford	1	1	0	0
Clinton	2	2	0	0	Blair	4	2	2	0
Columbia	3	1	1	1	Cumberland	7	3	1	3
Lycoming	5	4	1	0	Dauphin	9	1	5	3
Montour	0	0	0	0	Franklin	1	1	0	0
Northumberland	8	2	5	1	Fulton	1	0	1	0
Potter	1	0	1	0	Huntingdon	1	1	0	0
Snyder	3	3	0	0	Juniata	4	2	2	0
Sullivan	0	0	0	0	Lebanon	5	2	2	1
Tioga	1	0	1	0	Mifflin	2	1	1	0
Union	0	0	0	0	Perry	1	1	0	0
					York	10	2	7	1
Northeast	64	18	31	15	Southeast	167	54	85	26
Carbon	3	1	2	0	Berks	18	12	6	0
Lackawanna	12	5	3	4	Bucks	20	7	9	3
Lehigh	12	4	5	3	Chester	11	2	6	3
Luzerne	9	3	5	1	Delaware	18	2	12	4
Monroe	6	3	1	2	Lancaster	18	7	9	2
Northampton	13	1	9	3	Montgomery	25	5	12	7
Pike	3	0	2	1	Philadelphia	53	18	28	7
Susquehanna	2	0	2	0	Schuylkill	4	1	3	0
Wayne	3	1	1	1					
Wyoming	1	0	1	0					

NOTE: * Unknowns included in totals.
 Data for 1999-2003 based on ICD-10 cause of death codes.
 See Technical Notes.

SUICIDE

- Pennsylvania's annual age-adjusted rate for deaths due to suicide has not changed much during the 1999-2003 period. The annual rate in 2003 was 10.5 per 100,000, compared to 10.4 in 1999.
- The annual number of suicides among residents during 2003 was 1,330, similar to the 1,272 that were reported in 1999.
- The national Healthy People 2010 objective for an age-adjusted death rate is set at 5.0 suicides or less per 100,000. Pennsylvania's rates have remained at more than twice that figure every year since 1999.
- Males, especially white males, had the highest annual age-adjusted death rates for suicide among the four sex/race groups during 1999-2003. The 2003 rate for white males was 18.8 per 100,000 – more than 41 percent higher than the second highest rate of 13.3 for black males.
- The annual age-adjusted death rates for suicide among females during 1999-2003 were considerably lower than the rates for all males. In 2003, the female rate was 3.8, compared to 18.0 for all males.
- The annual age-adjusted suicide death rates for white males and females have not changed much over the five-year period of 1999-2003. The rates for black males declined between 1999 and 2001, but then increased in 2002.
- As occurred with the age-adjusted death rates, the 1999-2003 age-specific death rates for suicide were highest among males, especially white males.
- Among males, age-specific death rates were highest for the age groups between the ages of 35 and 49 and especially those aged 75 and older. Among females, the highest age-specific death rates were for those age groups from 30 to 59 years of age.
- Residents aged 20-54 years of age accounted for 66 percent, or 4,301, of the total 6,542 suicide deaths that were reported during the five-year period of 1999-2003. Older residents (aged 65+) accounted for another 17 percent of these deaths.
- Five counties (Bedford, Cambria, Fayette, Luzerne, and Schuylkill) had average annual age-adjusted death rates for 1999-2003 that were significantly higher than the corresponding state rate.
- Six counties (Bucks, Chester, Lancaster, Lycoming, Mercer, and Montgomery) had average annual age-adjusted death rates for 1999-2003 that were significantly lower than the corresponding state rate.
- Nine small, rural counties had less than 20 suicides among residents during the five-year period of 1999-2003.

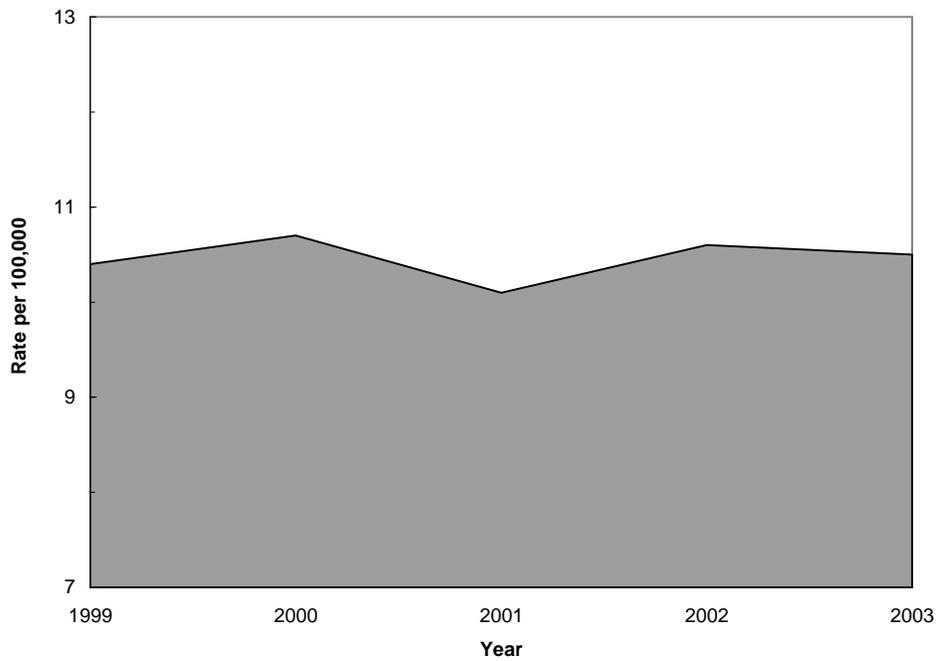
**HIGHEST AGE-ADJUSTED DEATH RATES:
Males, especially white males**

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

SUICIDE
TOTAL NUMBER OF DEATHS AND AGE-ADJUSTED DEATH RATES
PENNSYLVANIA RESIDENTS, 1999-2003

YEAR	NO.	RATE
1999	1,272	10.4
2000	1,348	10.7
2001	1,266	10.1
2002	1,326	10.6
2003	1,330	10.5

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 1999-2003 based on ICD-10 cause of death codes. See Technical Notes.

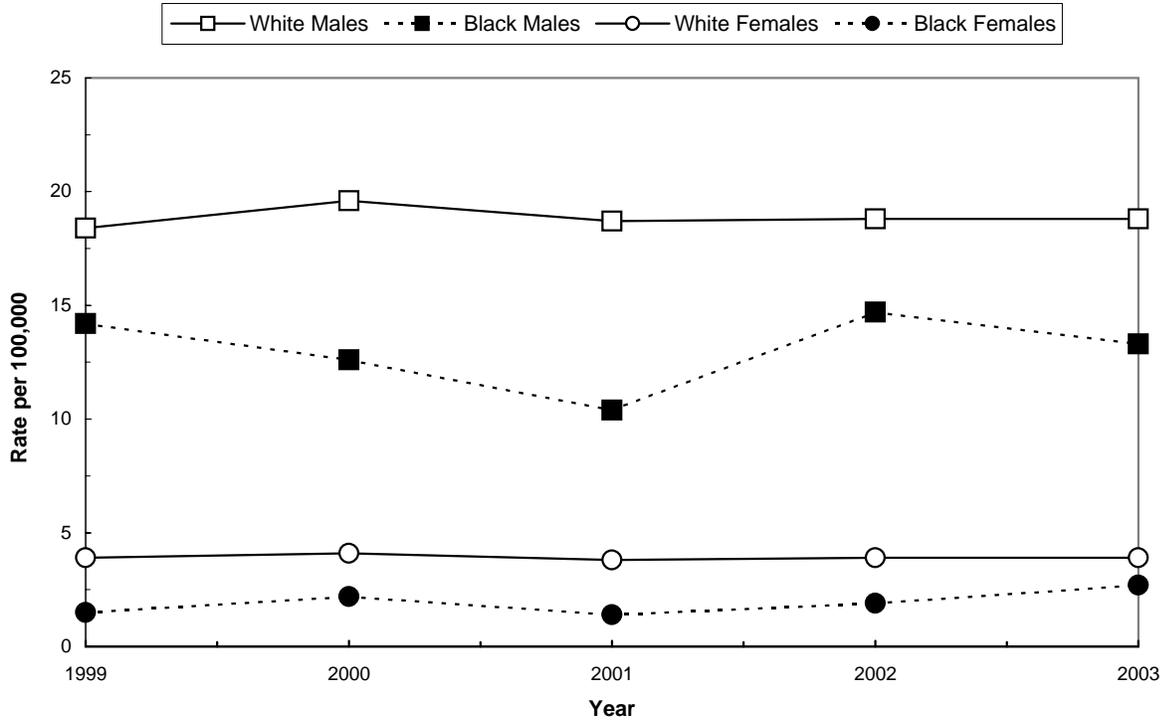


National Healthy People 2010 Objective 18-01:
Reduce suicides to no more than 5.0 per 100,000.

SUICIDE
TOTAL NUMBER OF DEATHS AND AGE-ADJUSTED DEATH RATES BY SEX AND RACE
PENNSYLVANIA RESIDENTS, 1999-2003

YEAR	MALES						FEMALES					
	ALL RACES		WHITE		BLACK		ALL RACES		WHITE		BLACK	
	NO.	RATE	NO.	RATE	NO.	RATE	NO.	RATE	NO.	RATE	NO.	RATE
1999	1,045	18.0	956	18.4	76	14.2	227	3.7	212	3.9	9	1.5
2000	1,105	18.6	1,023	19.6	70	12.6	243	3.8	226	4.1	14	2.2
2001	1,043	17.5	973	18.7	59	10.4	223	3.5	207	3.8	9	1.4
2002	1,091	18.2	997	18.8	84	14.7	235	3.6	219	3.9	12	1.9
2003	1,088	18.0	1,000	18.8	79	13.3	242	3.8	219	3.9	18	2.7

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 1999-2003 based on ICD-10 cause of death codes.
 See Technical Notes.



SUICIDE
TOTAL NUMBER OF DEATHS AND AVERAGE ANNUAL AGE-SPECIFIC DEATH RATES BY SEX AND RACE
PENNSYLVANIA RESIDENTS, 1999-2003

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 ***	6542	10.3	5372	17.6	4949	19.3	368	12.5	1170	3.6	1083	4.0	62	1.9
< 5	0	-	0	-	0	-	0	-	0	-	0	-	0	-
5-9	3	0.1	3	0.1	2	0.1	1	0.4	0	-	0	-	0	-
10-14	64	1.5	52	2.3	44	2.5	8	2.9	12	0.6	10	0.6	2	0.7
15-19	334	7.3	278	12.0	248	13.4	27	10.2	56	2.5	49	2.7	4	1.6
20-24	487	11.9	423	20.5	364	22.3	54	23.3	64	3.2	54	3.4	9	3.9
25-29	474	12.5	406	21.1	342	22.5	56	26.3	68	3.6	63	4.2	3	1.4
30-34	543	12.9	451	21.5	386	22.6	58	27.1	92	4.4	81	4.7	8	3.5
35-39	701	15.0	570	24.6	521	26.9	43	19.5	131	5.5	121	6.1	9	3.7
40-44	811	16.4	632	25.9	598	28.7	30	13.9	179	7.2	170	8.0	8	3.3
45-49	690	14.8	540	23.6	513	25.7	24	12.9	150	6.4	143	7.1	5	2.3
50-54	595	14.5	446	22.2	421	23.7	20	13.3	149	7.1	141	7.7	4	2.2
55-59	451	13.5	367	22.8	354	24.7	11	9.6	84	4.8	78	5.1	4	2.7
60-64	290	10.6	245	18.9	232	20.0	10	11.1	45	3.1	42	3.3	1	0.8
65-69	207	8.4	175	15.7	168	16.6	6	8.2	32	2.4	29	2.4	1	0.9
70-74	266	11.2	229	22.6	219	23.4	9	14.9	37	2.7	36	2.9	1	1.1
75-79	282	13.7	250	30.4	245	32.1	5	10.9	32	2.6	31	2.7	0	-
80-84	201	13.7	179	33.7	176	35.5	3	10.8	22	2.4	19	2.2	2	3.7
85 +	136	10.8	119	32.5	113	33.2	3	15.8	17	1.9	16	1.9	1	1.9

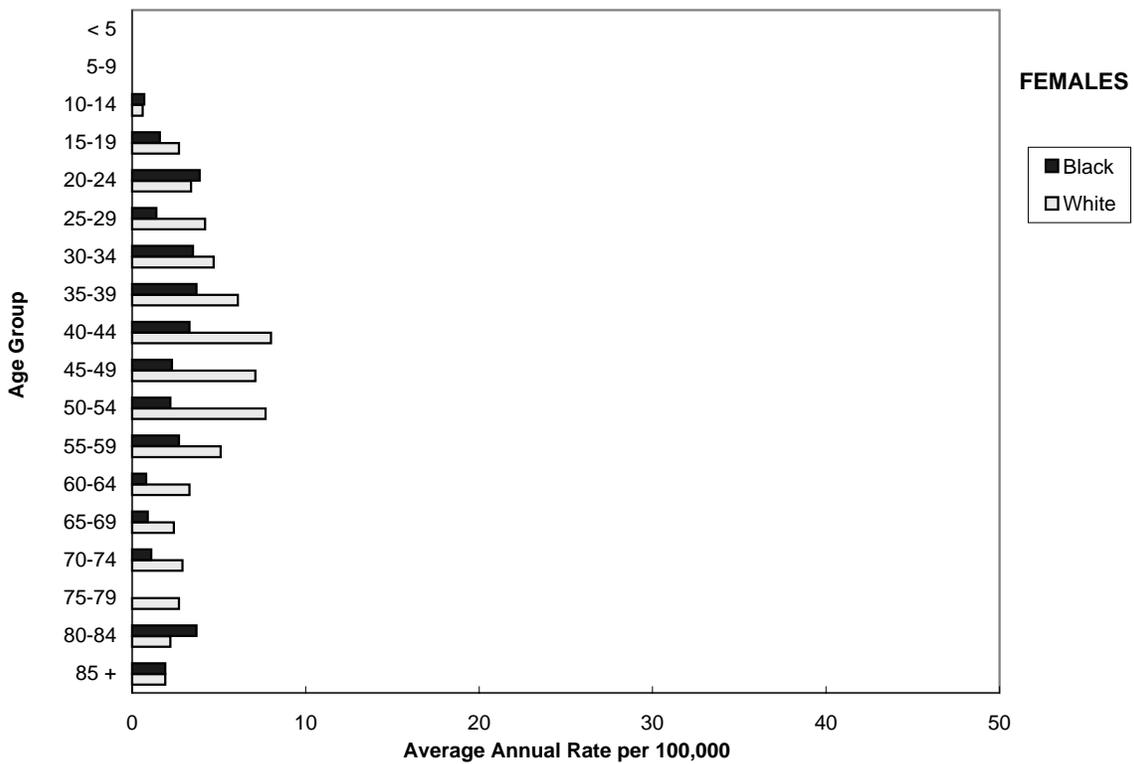
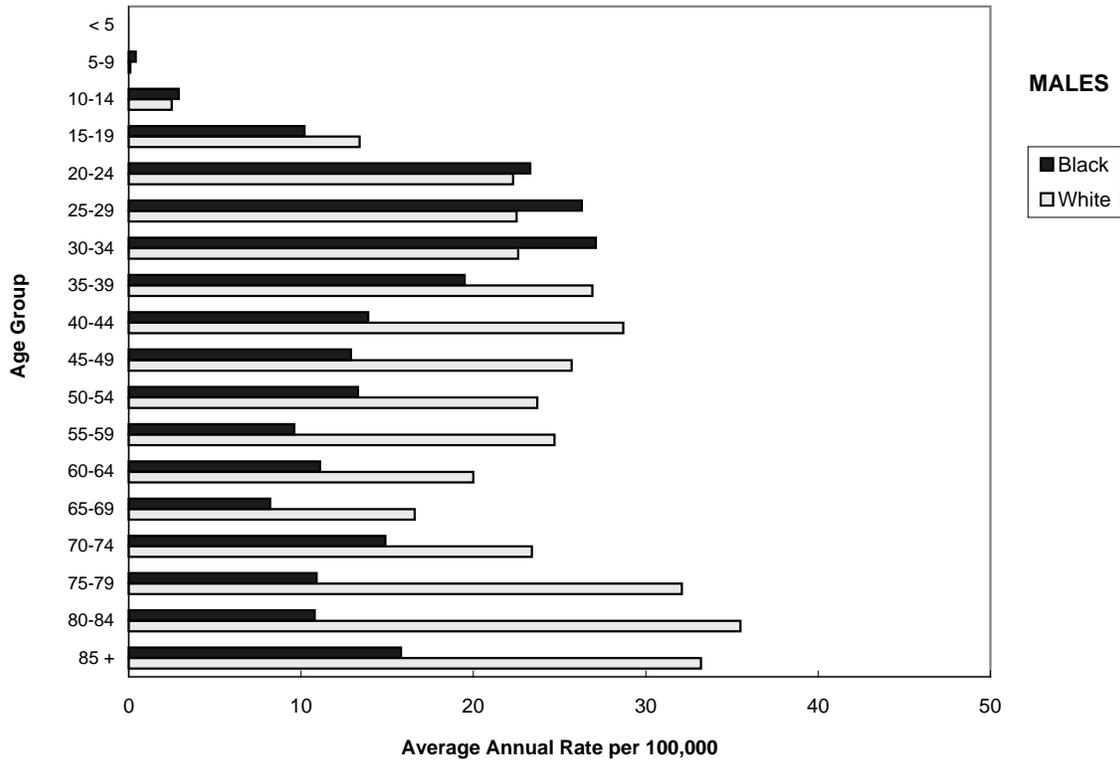
*** Unknown age included in totals.

NOTES: Rates are per 100,000 population (1999-2003) for each specified group.

Data for 1999-2003 based on ICD-10 cause of death codes.

See Technical Notes.

SUICIDE
AVERAGE ANNUAL AGE-SPECIFIC DEATH RATES
BY SEX AND RACE, PENNSYLVANIA RESIDENTS, 1999-2003



SUICIDE

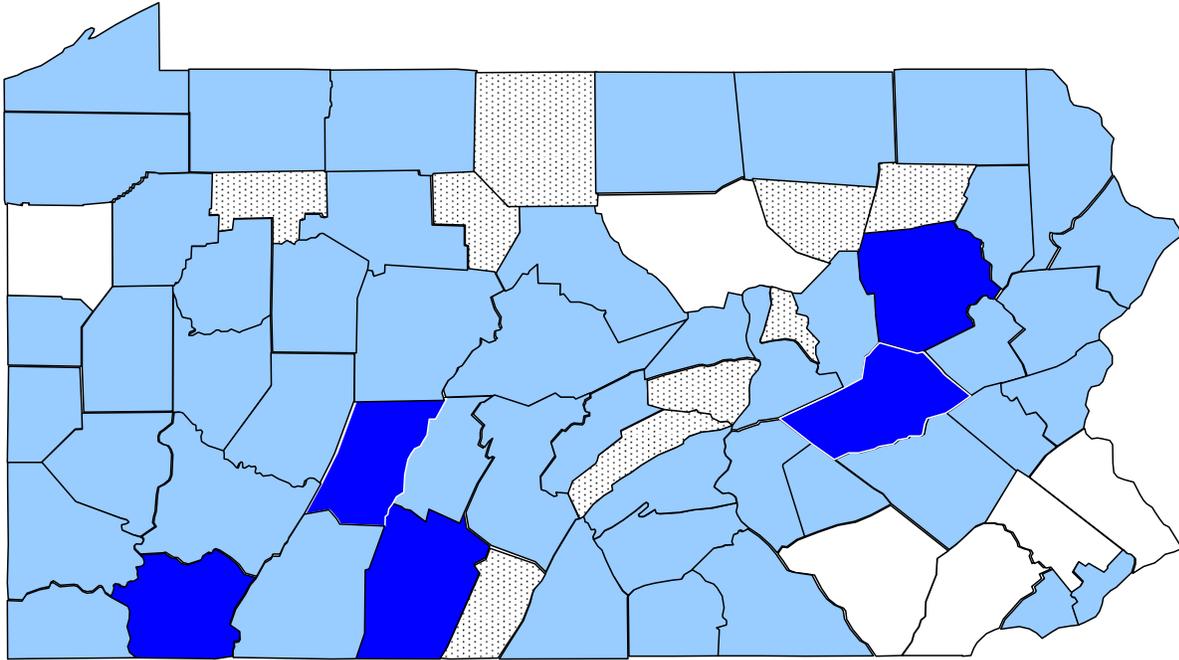
NUMBER OF DEATHS, AVERAGE ANNUAL AGE-ADJUSTED DEATH RATES, 95 % CONFIDENCE INTERVALS, AND SIGNIFICANCE TEST RESULTS, BY COUNTY, PENNSYLVANIA RESIDENTS, 1999-2003

County	No.	Rate	CI (95%)	County	No.	Rate	CI (95%)
Adams	46	9.8	6.97-12.63	Lackawanna	121	11.6	9.53-13.67
Allegheny	692	10.6	9.81-11.39	Lancaster	202	8.7	7.50-9.90 -
Armstrong	42	11.7	8.16-15.24	Lawrence	58	12.3	9.13-15.47
Beaver	105	11.3	9.14-13.46	Lebanon	56	9.3	6.86-11.74
Bedford	45	18.2	12.88-23.52 +	Lehigh	165	10.3	8.73-11.87
Berks	211	10.9	9.43-12.37	Luzerne	200	12.8	11.03-14.57 +
Blair	78	11.9	9.26-14.54	Lycoming	44	7.2	5.07-9.33 -
Bradford	35	10.6	7.09-14.11	McKean	32	14.2	9.28-19.12
Bucks	286	9.4	8.31-10.49 -	Mercer	49	7.8	5.62-9.98 -
Butler	95	10.7	8.55-12.85	Mifflin	29	11.7	7.44-15.96
Cambria	111	14.3	11.64-16.96 +	Monroe	91	12.6	10.01-15.19
Cameron	5	16.2		Montgomery	339	8.8	7.86-9.74 -
Carbon	40	13.3	9.18-17.42	Montour	9	9.6	
Centre	53	8.5	6.21-10.79	Northampton	140	10.2	8.51-11.89
Chester	169	7.6	6.45-8.75 -	Northumberland	51	10.8	7.84-13.76
Clarion	26	12.7	7.82-17.58	Perry	30	13.2	8.48-17.92
Clearfield	57	12.7	9.40-16.00	Philadelphia	774	10.5	9.76-11.24
Clinton	21	11.3	6.47-16.13	Pike	31	12.6	8.16-17.04
Columbia	34	10.1	6.71-13.49	Potter	15	15.6	
Crawford	45	9.9	7.01-12.79	Schuylkill	116	15.2	12.43-17.97 +
Cumberland	101	9.0	7.24-10.76	Snyder	16	8.5	
Dauphin	118	9.1	7.46-10.74	Somerset	45	10.7	7.57-13.83
Delaware	269	9.7	8.54-10.86	Sullivan	5	14.2	
Elk	20	11.9	6.68-17.12	Susquehanna	32	14.3	9.35-19.25
Erie	143	10.3	8.61-11.99	Tioga	23	11.6	6.86-16.34
Fayette	97	13.2	10.57-15.83 +	Union	25	11.7	7.11-16.29
Forest	6	25.7		Venango	34	11.6	7.70-15.50
Franklin	63	9.4	7.08-11.72	Warren	23	10.0	5.91-14.09
Fulton	12	16.8		Washington	114	10.5	8.57-12.43
Greene	29	13.6	8.65-18.55	Wayne	31	12.6	8.16-17.04
Huntingdon	29	12.5	7.95-17.05	Westmoreland	231	11.8	10.28-13.32
Indiana	57	12.9	9.55-16.25	Wyoming	18	12.2	
Jefferson	30	12.6	8.09-17.11	York	214	10.9	9.44-12.36
Juniata	9	7.6					
				Pennsylvania	6,542	10.5	10.25-10.75

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. State data were compared to U.S. data. CIs were not calculated for rates based on less than 20 events due to unreliability.

Data for 1999-2003 based on ICD-10 cause of death codes.
See Technical Notes.

SUICIDE
AVERAGE ANNUAL AGE-ADJUSTED DEATH RATES AND SIGNIFICANCE TEST RESULTS
BY COUNTY, PENNSYLVANIA RESIDENTS, 1999-2003



 Significantly lower than the state	 Not significantly higher or lower than the state
 Significantly higher than the state	 Less than 20 events - statistically unreliable

SUICIDE
NUMBER OF DEATHS, TOTAL AND BY SELECTED AGE GROUPS, BY COUNTY
PENNSYLVANIA RESIDENTS, 1999-2003

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	6,542	401	5,042	1,092					
Adams	46	6	34	6	Lackawanna	121	8	96	17
Allegheny	692	40	532	120	Lancaster	202	11	163	28
Armstrong	42	2	33	7	Lawrence	58	4	45	8
Beaver	105	5	79	21	Lebanon	56	5	44	7
Bedford	45	4	31	10	Lehigh	165	9	127	29
Berks	211	11	155	45	Luzerne	200	12	164	24
Blair	78	7	56	15	Lycoming	44	4	31	9
Bradford	35	3	20	12	McKean	32	2	28	2
Bucks	286	19	230	37	Mercer	49	4	33	12
Butler	95	7	72	16	Mifflin	29	1	22	6
Cambria	111	10	83	18	Monroe	91	6	72	13
Cameron	5	0	4	1	Montgomery	339	15	276	48
Carbon	40	0	35	5	Montour	9	1	6	2
Centre	53	4	43	6	Northampton	140	10	110	20
Chester	169	11	128	29	Northumberland	51	7	37	7
Clarion	26	1	19	6	Perry	30	1	25	4
Clearfield	57	2	39	16	Philadelphia	774	46	621	107
Clinton	21	1	16	4	Pike	31	0	22	9
Columbia	34	2	25	7	Potter	15	3	8	4
Crawford	45	3	35	7	Schuylkill	116	7	89	20
Cumberland	101	10	70	21	Snyder	16	0	14	2
Dauphin	118	3	89	26	Somerset	45	4	30	7
Delaware	269	15	214	39	Sullivan	5	0	3	2
Elk	20	2	14	4	Susquehanna	32	2	22	8
Erie	143	11	113	19	Tioga	23	2	19	2
Fayette	97	7	77	13	Union	25	1	17	7
Forest	6	0	5	1	Venango	34	3	27	4
Franklin	63	1	49	13	Warren	23	1	18	4
Fulton	12	1	9	2	Washington	114	5	81	28
Greene	29	2	23	4	Wayne	31	1	23	7
Huntingdon	29	2	21	6	Westmoreland	231	9	172	50
Indiana	57	5	39	13	Wyoming	18	1	16	1
Jefferson	30	2	22	6	York	214	17	160	37
Juniata	9	0	7	2					

* Unknown age included in totals.

NOTE: Data for 1999-2003 based on ICD-10 cause of death codes.
See Technical Notes.

SUICIDE

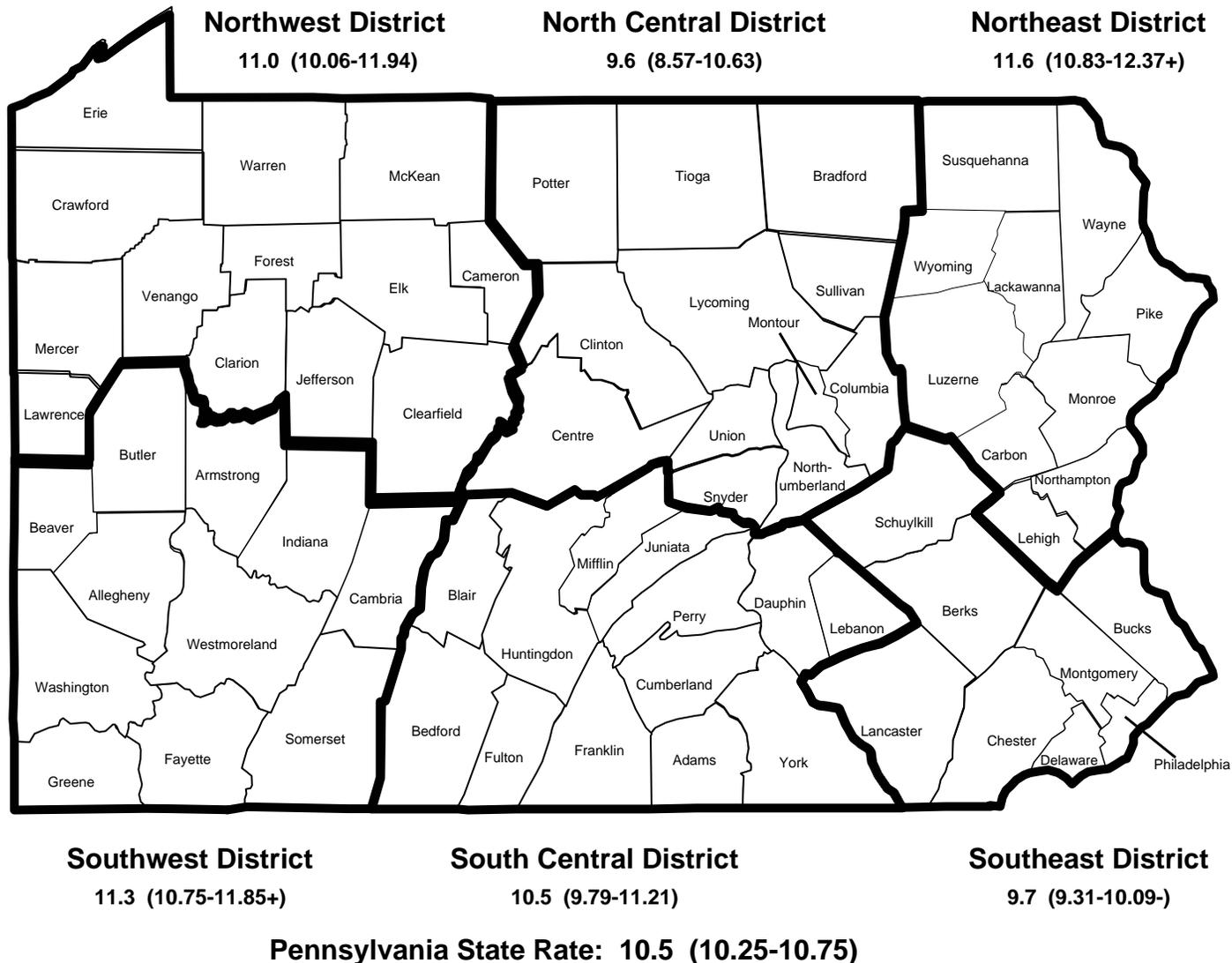
NUMBER OF DEATHS, AVERAGE ANNUAL AGE-ADJUSTED DEATH RATES, 95 % CONFIDENCE INTERVALS, AND SIGNIFICANCE TEST RESULTS, BY HEALTH DISTRICT, PENNSYLVANIA RESIDENTS, 1999-2003

District/County	No.	Rate	CI (95%)	District/County	No.	Rate	CI (95%)
Northwest	528	11.0	10.06-11.94	Southwest	1,618	11.3	10.75-11.85 +
Cameron	5	16.2		Allegheny	692	10.6	9.81-11.39
Clarion	26	12.7	7.82-17.58	Armstrong	42	11.7	8.16-15.24
Clearfield	57	12.7	9.40-16.00	Beaver	105	11.3	9.14-13.46
Crawford	45	9.9	7.01-12.79	Butler	95	10.7	8.55-12.85
Elk	20	11.9	6.68-17.12	Cambria	111	14.3	11.64-16.96 +
Erie	143	10.3	8.61-11.99	Fayette	97	13.2	10.57-15.83 +
Forest	6	25.7		Greene	29	13.6	8.65-18.55
Jefferson	30	12.6	8.09-17.11	Indiana	57	12.9	9.55-16.25
Lawrence	58	12.3	9.13-15.47	Somerset	45	10.7	7.57-13.83
McKean	32	14.2	9.28-19.12	Washington	114	10.5	8.57-12.43
Mercer	49	7.8	5.62-9.98 -	Westmoreland	231	11.8	10.28-13.32
Venango	34	11.6	7.70-15.50				
Warren	23	10.0	5.91-14.09				
North Central	331	9.6	8.57-10.63	South Central	830	10.5	9.79-11.21
Bradford	35	10.6	7.09-14.11	Adams	46	9.8	6.97-12.63
Centre	53	8.5	6.21-10.79	Bedford	45	18.2	12.88-23.52 +
Clinton	21	11.3	6.47-16.13	Blair	78	11.9	9.26-14.54
Columbia	34	10.1	6.71-13.49	Cumberland	101	9.0	7.24-10.76
Lycoming	44	7.2	5.07-9.33 -	Dauphin	118	9.1	7.46-10.74
Montour	9	9.6		Franklin	63	9.4	7.08-11.72
Northumberland	51	10.8	7.84-13.76	Fulton	12	16.8	
Potter	15	15.6		Huntingdon	29	12.5	7.95-17.05
Snyder	16	8.5		Juniata	9	7.6	
Sullivan	5	14.2		Lebanon	56	9.3	6.86-11.74
Tioga	23	11.6	6.86-16.34	Mifflin	29	11.7	7.44-15.96
Union	25	11.7	7.11-16.29	Perry	30	13.2	8.48-17.92
				York	214	10.9	9.44-12.36
Northeast	869	11.6	10.83-12.37 +	Southeast	2,366	9.7	9.31-10.09 -
Carbon	40	13.3	9.18-17.42	Berks	211	10.9	9.43-12.37
Lackawanna	121	11.6	9.53-13.67	Bucks	286	9.4	8.31-10.49 -
Lehigh	165	10.3	8.73-11.87	Chester	169	7.6	6.45-8.75 -
Luzerne	200	12.8	11.03-14.57 +	Delaware	269	9.7	8.54-10.86
Monroe	91	12.6	10.01-15.19	Lancaster	202	8.7	7.50-9.90 -
Northampton	140	10.2	8.51-11.89	Montgomery	339	8.8	7.86-9.74 -
Pike	31	12.6	8.16-17.04	Philadelphia	774	10.5	9.76-11.24
Susquehanna	32	14.3	9.35-19.25	Schuylkill	116	15.2	12.43-17.97 +
Wayne	31	12.6	8.16-17.04				
Wyoming	18	12.2					
				Pennsylvania	6,542	10.5	10.25-10.75

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. State data were compared to U.S. data. CIs were not calculated for rates based on less than 20 events due to unreliability.

Data for 1999-2003 based on ICD-10 cause of death codes.
See Technical Notes.

**AVERAGE ANNUAL AGE-ADJUSTED DEATH RATES AND SIGNIFICANCE TEST RESULTS
SUICIDE
Pennsylvania Health Districts and Counties, 1999-2003**



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.
Data for 1999-2003 based on ICD-10 cause of death codes.
See Technical Notes.

SUICIDE
NUMBER OF DEATHS, TOTAL AND BY SELECTED AGE GROUPS, BY HEALTH DISTRICT
PENNSYLVANIA RESIDENTS, 1999-2003

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	6,542	401	5,042	1,092					
Northwest	528	35	402	90	Southwest	1,618	96	1,221	297
Cameron	5	0	4	1	Allegheny	692	40	532	120
Clarion	26	1	19	6	Armstrong	42	2	33	7
Clearfield	57	2	39	16	Beaver	105	5	79	21
Crawford	45	3	35	7	Butler	95	7	72	16
Elk	20	2	14	4	Cambria	111	10	83	18
Erie	143	11	113	19	Fayette	97	7	77	13
Forest	6	0	5	1	Greene	29	2	23	4
Jefferson	30	2	22	6	Indiana	57	5	39	13
Lawrence	58	4	45	8	Somerset	45	4	30	7
McKean	32	2	28	2	Washington	114	5	81	28
Mercer	49	4	33	12	Westmoreland	231	9	172	50
Venango	34	3	27	4					
Warren	23	1	18	4					
North Central	331	28	239	64	South Central	830	58	617	155
Bradford	35	3	20	12	Adams	46	6	34	6
Centre	53	4	43	6	Bedford	45	4	31	10
Clinton	21	1	16	4	Blair	78	7	56	15
Columbia	34	2	25	7	Cumberland	101	10	70	21
Lycoming	44	4	31	9	Dauphin	118	3	89	26
Montour	9	1	6	2	Franklin	63	1	49	13
Northumberland	51	7	37	7	Fulton	12	1	9	2
Potter	15	3	8	4	Huntingdon	29	2	21	6
Snyder	16	0	14	2	Juniata	9	0	7	2
Sullivan	5	0	3	2	Lebanon	56	5	44	7
Tioga	23	2	19	2	Mifflin	29	1	22	6
Union	25	1	17	7	Perry	30	1	25	4
					York	214	17	160	37
Northeast	869	49	687	133	Southeast	2,366	135	1,876	353
Carbon	40	0	35	5	Berks	211	11	155	45
Lackawanna	121	8	96	17	Bucks	286	19	230	37
Lehigh	165	9	127	29	Chester	169	11	128	29
Luzerne	200	12	164	24	Delaware	269	15	214	39
Monroe	91	6	72	13	Lancaster	202	11	163	28
Northampton	140	10	110	20	Montgomery	339	15	276	48
Pike	31	0	22	9	Philadelphia	774	46	621	107
Susquehanna	32	2	22	8	Schuylkill	116	7	89	20
Wayne	31	1	23	7					
Wyoming	18	1	16	1					

NOTE: * Unknowns included in totals.

Data for 1999-2003 based on ICD-10 cause of death codes.

See Technical Notes.

HOMICIDE

- The annual number and age-adjusted death rate for homicide among Pennsylvania residents has not changed much between 1999 and 2003. There were 666 deaths for a rate of 5.6 in 2003.
- The national Healthy People 2010 objective is for an age-adjusted death rate of no more than 3.0 homicides per 100,000. Pennsylvania's rates have been almost twice as high as that goal every year since 1999.
- The 2003 age-adjusted homicide rate for black males was over 18 times higher than the rate for white males, 56.0 per 100,000 versus 3.0, respectively. The 2003 age-adjusted homicide rate for black females (7.2 per 100,000) was more than four and one half times higher than the rate for white females (1.6).
- Blacks (especially black males) had by far the highest annual age-adjusted death rates for homicide among the four sex/race groups during 1999-2003. The 2003 rate for black males was 56.0 per 100,000 – almost eight times higher than the second highest rate of 7.2 for black females.
- The annual age-adjusted homicide death rates for all four sex/race groups have not changed much over the five-year period of 1999-2003.
- As occurred with the age-adjusted death rates, the 1999-2003 age-specific death rates for homicide were consistently much higher among black males. For example, the highest age-specific homicide rate for black males was 202.9 per 100,000 for the age group 20-24, 19 times higher than the rate of 10.7 for black females of the same age, 24 times higher than the comparable rate for white males (8.5), and 70 times higher than the comparable rate for white females (2.9).
- The 1999-2003 age-specific homicide rates for black males rose dramatically at ages 15-19; peaked at ages 20-24; and then declined slowly. This pattern was similar for white males but with much lower rates. The age-specific rates for females were highest for the age groups from 20 to 44 years of age.
- More than seventeen percent or 573 of the total 3,249 homicides during 1999-2003 were to residents under 20 years of age. Approximately 6 percent were to residents aged 65 and older.
- Philadelphians accounted for 48 percent, or 1,575, of the total homicides among Pennsylvania residents during 1999-2003.
- Three counties (Allegheny, Berks, and Philadelphia) had average annual age-adjusted death rates for 1999-2003 that were significantly higher than the corresponding state rate.
- Fourteen counties had average annual age-adjusted death rates for 1999-2003 that were significantly lower than the corresponding state rate.

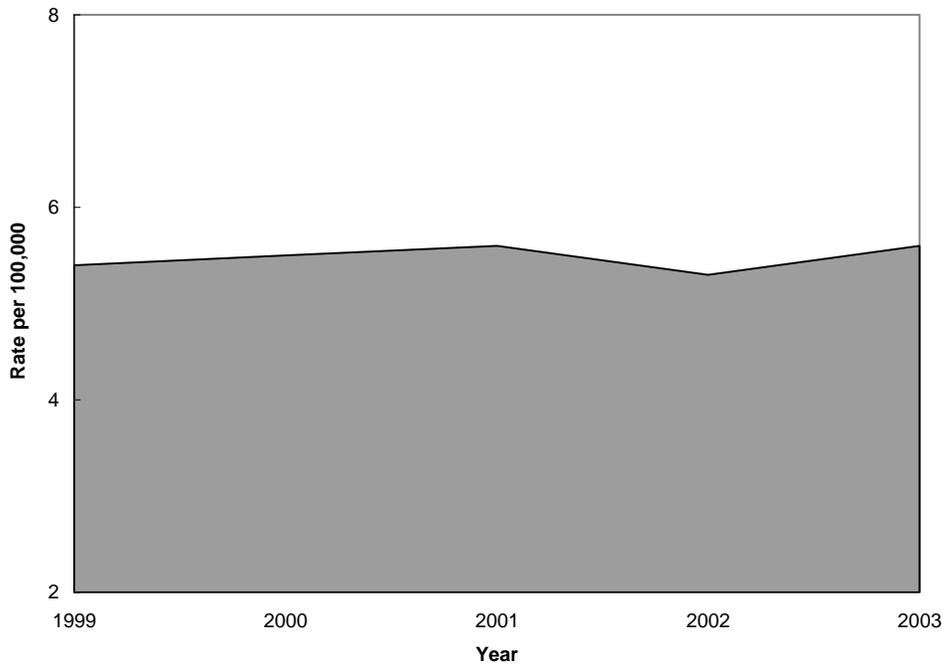
**HIGHEST AGE-ADJUSTED DEATH RATES:
Black males; Urban counties**

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

HOMICIDE
TOTAL NUMBER OF DEATHS AND AGE-ADJUSTED DEATH RATES
PENNSYLVANIA RESIDENTS, 1999-2003

YEAR	NO.	RATE
1999	634	5.4
2000	649	5.5
2001	671	5.6
2002	629	5.3
2003	666	5.6

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 1999-2003 based on ICD-10 cause of death codes.
See Technical Notes.

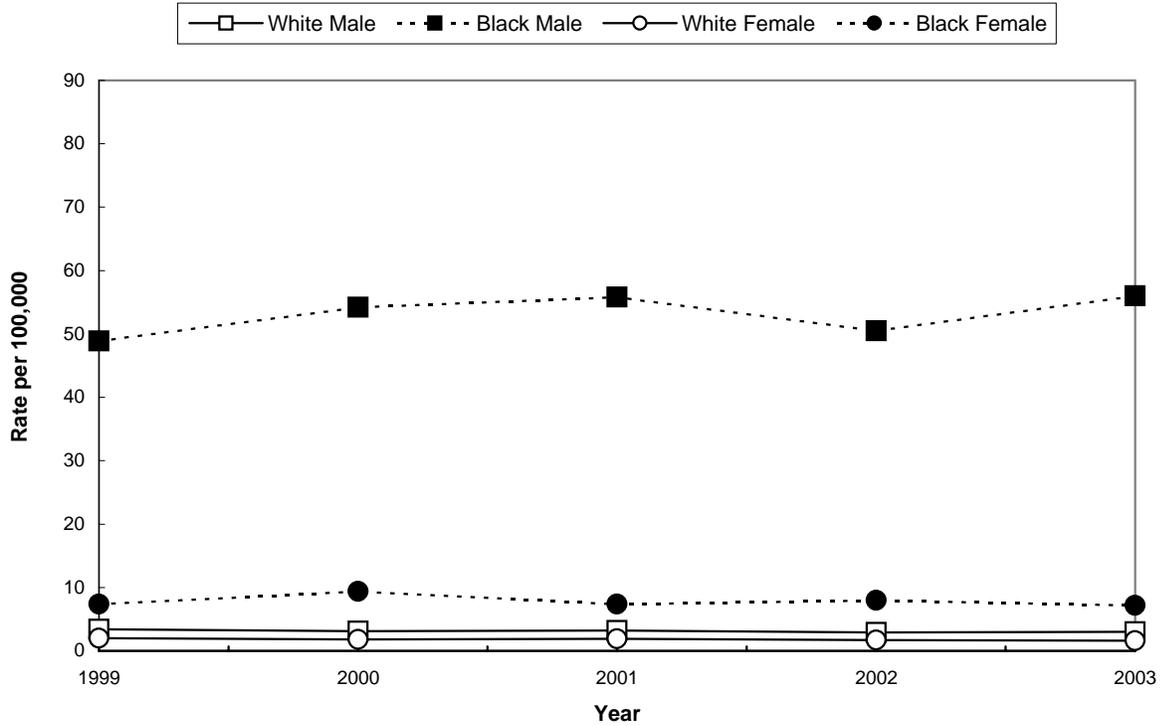


National Healthy People 2010 Objective 15-32:
Reduce homicides to no more than 3.0 per 100,000.

HOMICIDE
TOTAL NUMBER OF DEATHS AND AGE-ADJUSTED DEATH RATES BY SEX AND RACE
PENNSYLVANIA RESIDENTS, 1999-2003

YEAR	MALES						FEMALES					
	ALL RACES		WHITE		BLACK		ALL RACES		WHITE		BLACK	
	NO.	RATE	NO.	RATE	NO.	RATE	NO.	RATE	NO.	RATE	NO.	RATE
1999	479	8.2	169	3.3	304	48.9	155	2.6	106	2.0	45	7.4
2000	494	8.5	154	3.1	329	54.2	155	2.5	93	1.8	60	9.4
2001	519	8.8	160	3.2	339	55.8	152	2.5	100	1.9	48	7.4
2002	482	8.2	147	2.9	327	50.5	147	2.4	89	1.7	53	8.0
2003	526	8.8	152	3.0	366	56.0	140	2.3	87	1.6	48	7.2

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 1999-2003 based on ICD-10 cause of death codes.
 See Technical Notes.



HOMICIDE
TOTAL NUMBER OF DEATHS AND AVERAGE ANNUAL AGE-SPECIFIC DEATH RATES BY SEX AND RACE
PENNSYLVANIA RESIDENTS, 1999-2003

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 ***	3,249	5.1	2,500	8.2	782	3.1	1,665	56.7	749	2.3	475	1.7	254	7.8
< 5	127	3.3	69	3.5	32	2.1	37	14.8	58	3.1	36	2.5	21	8.7
5-9	37	0.9	17	0.8	9	0.5	7	2.5	20	1.0	16	1.0	4	1.5
10-14	33	0.8	18	0.8	9	0.5	9	3.2	15	0.7	7	0.4	8	2.9
15-19	376	8.2	328	14.2	57	3.1	264	99.9	48	2.1	29	1.6	19	7.4
20-24	685	16.7	613	29.7	139	8.5	470	202.9	72	3.6	47	2.9	25	10.7
25-29	465	12.2	394	20.5	93	6.1	298	140.2	71	3.8	37	2.5	31	14.3
30-34	374	8.9	284	13.6	82	4.8	191	89.3	90	4.3	45	2.6	38	16.6
35-39	283	6.0	203	8.8	70	3.6	128	58.0	80	3.4	50	2.5	28	11.4
40-44	262	5.3	184	7.5	86	4.1	95	44.1	78	3.1	51	2.4	25	10.2
45-49	167	3.6	113	4.9	49	2.5	57	30.6	54	2.3	42	2.1	11	5.0
50-54	121	2.9	85	4.2	38	2.1	43	28.5	36	1.7	21	1.2	15	8.2
55-59	83	2.5	59	3.7	34	2.4	21	18.3	24	1.4	18	1.2	5	3.4
60-64	51	1.9	28	2.2	16	1.4	10	11.1	23	1.6	16	1.3	7	5.8
65-69	59	2.4	38	3.4	21	2.1	16	21.8	21	1.6	15	1.2	4	3.8
70-74	32	1.4	20	2.0	13	1.4	7	11.6	12	0.9	9	0.7	3	3.2
75-79	38	1.8	18	2.2	12	1.6	6	13.1	20	1.6	15	1.3	5	6.5
80-84	28	1.9	17	3.2	13	2.6	4	14.4	11	1.2	9	1.0	2	3.7
85 +	23	1.8	9	2.5	7	2.1	2	10.6	14	1.6	11	1.3	3	5.8

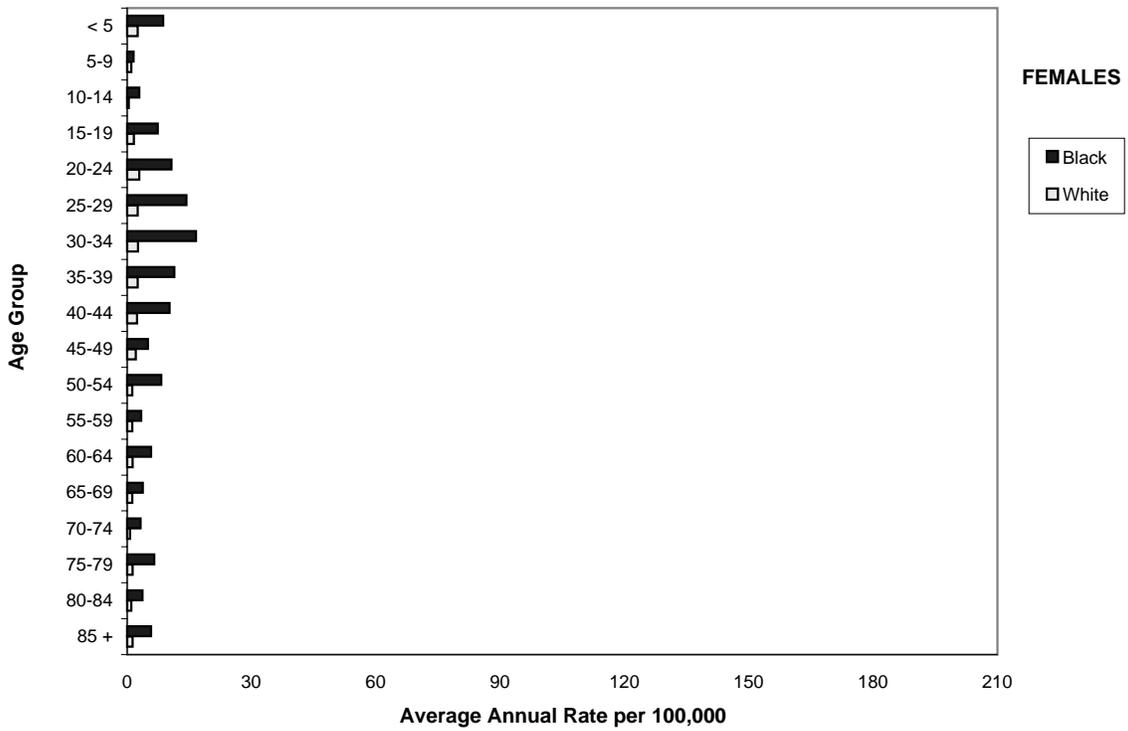
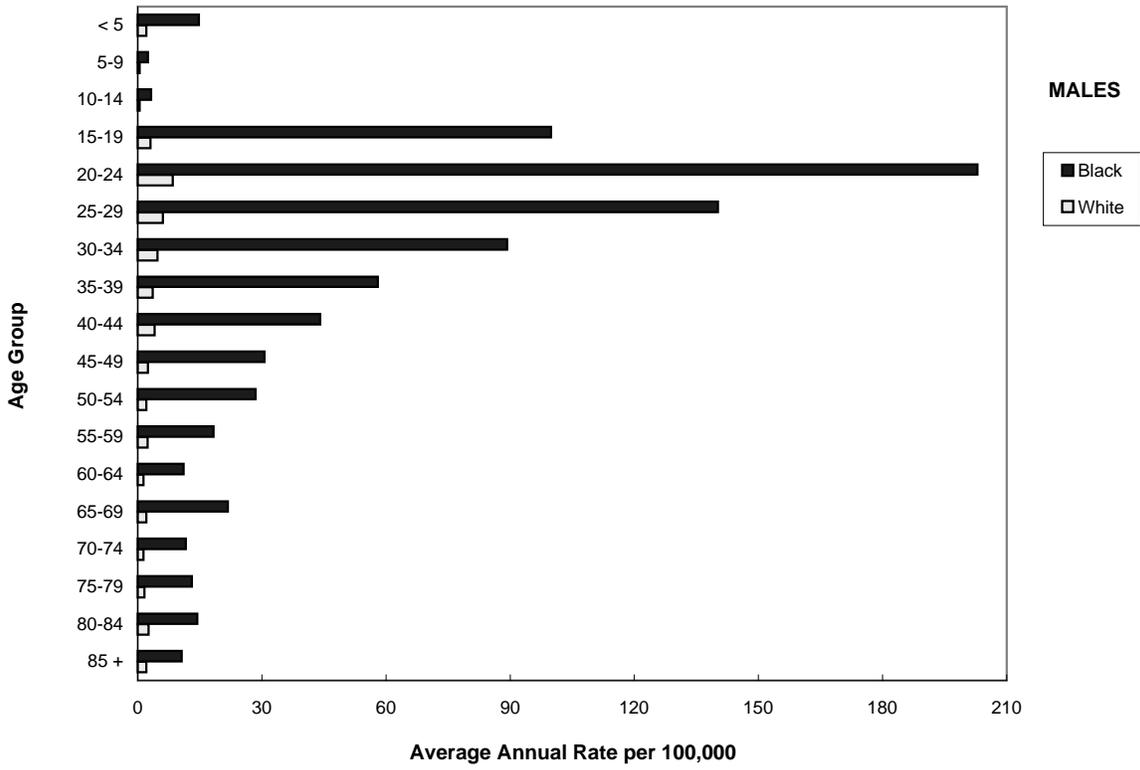
*** Unknown age included in totals.

NOTES: Rates are per 100,000 population (1999-2003) for each specified group.

Data for 1999-2003 based on ICD-10 cause of death codes.

See Technical Notes.

HOMICIDE
AVERAGE ANNUAL AGE-SPECIFIC DEATH RATES
BY SEX AND RACE, PENNSYLVANIA RESIDENTS, 1999-2003



HOMICIDE

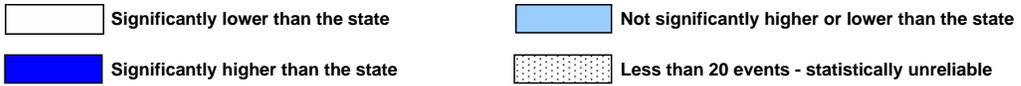
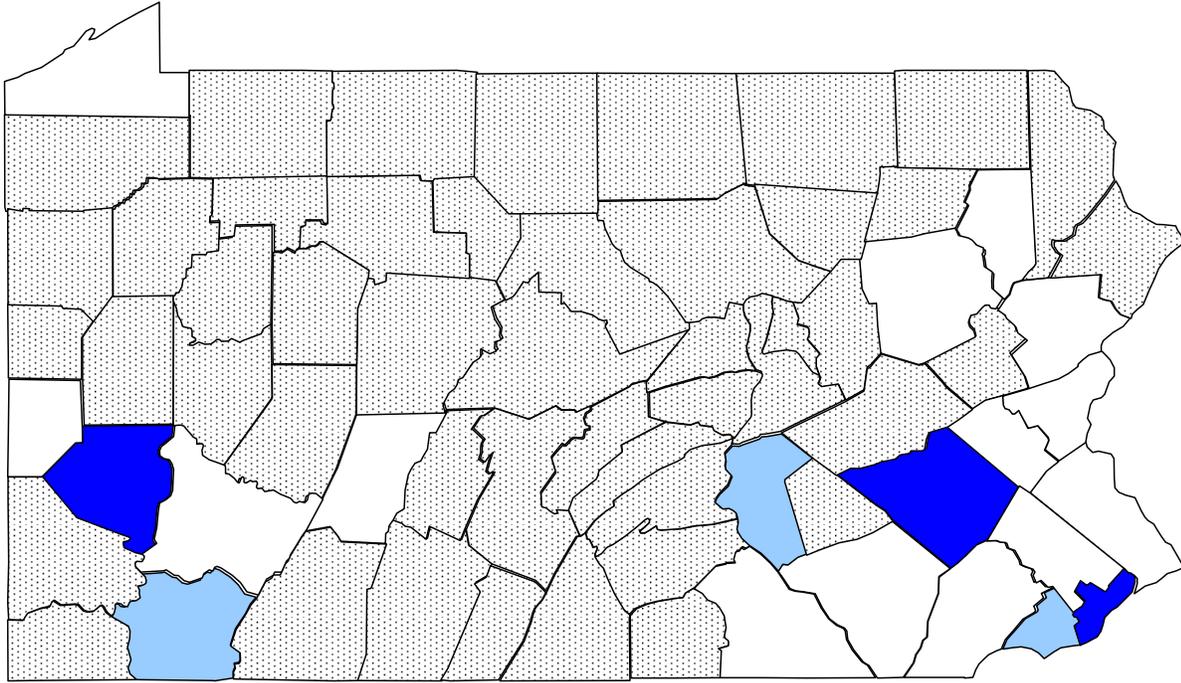
NUMBER OF DEATHS, AVERAGE ANNUAL AGE-ADJUSTED DEATH RATES, 95 % CONFIDENCE INTERVALS, AND SIGNIFICANCE TEST RESULTS, BY COUNTY, PENNSYLVANIA RESIDENTS, 1999-2003

County	No.	Rate	CI (95%)	County	No.	Rate	CI (95%)
Adams	6	1.3		Lackawanna	23	2.4	1.42-3.38 -
Allegheny	430	7.2	6.52-7.88 +	Lancaster	57	2.5	1.85-3.15 -
Armstrong	11	3.3		Lawrence	10	2.4	
Beaver	28	3.5	2.20-4.80 -	Lebanon	10	1.7	
Bedford	5	1.9		Lehigh	52	3.5	2.55-4.45 -
Berks	127	6.9	5.70-8.10 +	Luzerne	49	3.4	2.45-4.35 -
Blair	16	2.4		Lycoming	12	2.1	
Bradford	8	2.6		McKean	4	1.9	
Bucks	45	1.5	1.06-1.94 -	Mercer	16	2.9	
Butler	10	1.1		Mifflin	5	2.2	
Cambria	21	3.0	1.72-4.28 -	Monroe	24	3.4	2.04-4.76 -
Cameron	0	-		Montgomery	82	2.3	1.80-2.80 -
Carbon	6	1.8		Montour	1	1.3	
Centre	15	2.6		Northampton	36	2.7	1.82-3.58 -
Chester	27	1.3	0.81-1.79 -	Northumberland	10	2.3	
Clarion	1	0.7		Perry	4	1.8	
Clearfield	7	1.7		Philadelphia	1,575	20.7	19.68-21.72 +
Clinton	5	2.3		Pike	5	2.2	
Columbia	5	1.6		Potter	0	-	
Crawford	13	2.9		Schuylkill	17	2.5	
Cumberland	16	1.5		Snyder	0	-	
Dauphin	60	5.1	3.81-6.39	Somerset	12	3.2	
Delaware	149	5.5	4.62-6.38	Sullivan	0	-	
Elk	2	1.1		Susquehanna	6	3.3	
Erie	34	2.4	1.59-3.21 -	Tioga	0	-	
Fayette	31	4.5	2.92-6.08	Union	5	2.4	
Forest	1	4.1		Venango	5	2.1	
Franklin	3	0.5		Warren	3	1.6	
Fulton	1	1.5		Washington	18	1.8	
Greene	5	2.3		Wayne	4	1.5	
Huntingdon	8	3.5		Westmoreland	42	2.4	1.67-3.13 -
Indiana	4	1.0		Wyoming	6	4.5	
Jefferson	4	2.0		York	49	2.6	1.87-3.33 -
Juniata	3	2.9					
				Pennsylvania	3,249	5.5	5.31-5.69

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. State data were compared to U.S. data. CIs were not calculated for rates based on less than 20 events due to unreliability.

Data for 1999-2003 based on ICD-10 cause of death codes.
See Technical Notes.

HOMICIDE
AVERAGE ANNUAL AGE-ADJUSTED DEATH RATES AND SIGNIFICANCE TEST RESULTS
BY COUNTY, PENNSYLVANIA RESIDENTS, 1999-2003



HOMICIDE
NUMBER OF DEATHS, TOTAL AND BY SELECTED AGE GROUPS, BY COUNTY
PENNSYLVANIA RESIDENTS, 1999-2003

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	3,249	573	2,491	180					
Adams	6	2	4	0	Lackawanna	23	5	16	2
Allegheny	430	92	304	34	Lancaster	57	19	36	2
Armstrong	11	2	9	0	Lawrence	10	1	9	0
Beaver	28	3	24	1	Lebanon	10	0	10	0
Bedford	5	0	5	0	Lehigh	52	11	39	2
Berks	127	22	94	10	Luzerne	49	9	38	2
Blair	16	1	10	5	Lycoming	12	4	7	1
Bradford	8	1	6	1	McKean	4	2	2	0
Bucks	45	4	40	1	Mercer	16	1	13	2
Butler	10	0	9	1	Mifflin	5	2	2	1
Cambria	21	5	13	3	Monroe	24	2	19	2
Cameron	0	0	0	0	Montgomery	82	16	55	11
Carbon	6	0	4	2	Montour	1	0	1	0
Centre	15	2	11	2	Northampton	36	5	27	4
Chester	27	5	19	3	Northumberland	10	3	7	0
Clarion	1	1	0	0	Perry	4	1	3	0
Clearfield	7	0	7	0	Philadelphia	1,575	261	1,262	50
Clinton	5	0	3	1	Pike	5	0	4	1
Columbia	5	0	5	0	Potter	0	0	0	0
Crawford	13	1	10	2	Schuylkill	17	4	12	1
Cumberland	16	4	10	2	Snyder	0	0	0	0
Dauphin	60	16	41	3	Somerset	12	2	9	1
Delaware	149	29	109	11	Sullivan	0	0	0	0
Elk	2	0	2	0	Susquehanna	6	1	5	0
Erie	34	8	26	0	Tioga	0	0	0	0
Fayette	31	5	23	3	Union	5	0	4	1
Forest	1	0	1	0	Venango	5	2	3	0
Franklin	3	1	2	0	Warren	3	0	3	0
Fulton	1	0	1	0	Washington	18	2	14	2
Greene	5	0	5	0	Wayne	4	0	2	2
Huntingdon	8	2	5	1	Westmoreland	42	6	32	4
Indiana	4	1	3	0	Wyoming	6	0	6	0
Jefferson	4	0	4	0	York	49	6	40	3
Juniata	3	1	2	0					

* Unknown age included in totals.

NOTE: Data for 1999-2003 based on ICD-10 cause of death codes.
See Technical Notes.

HOMICIDE

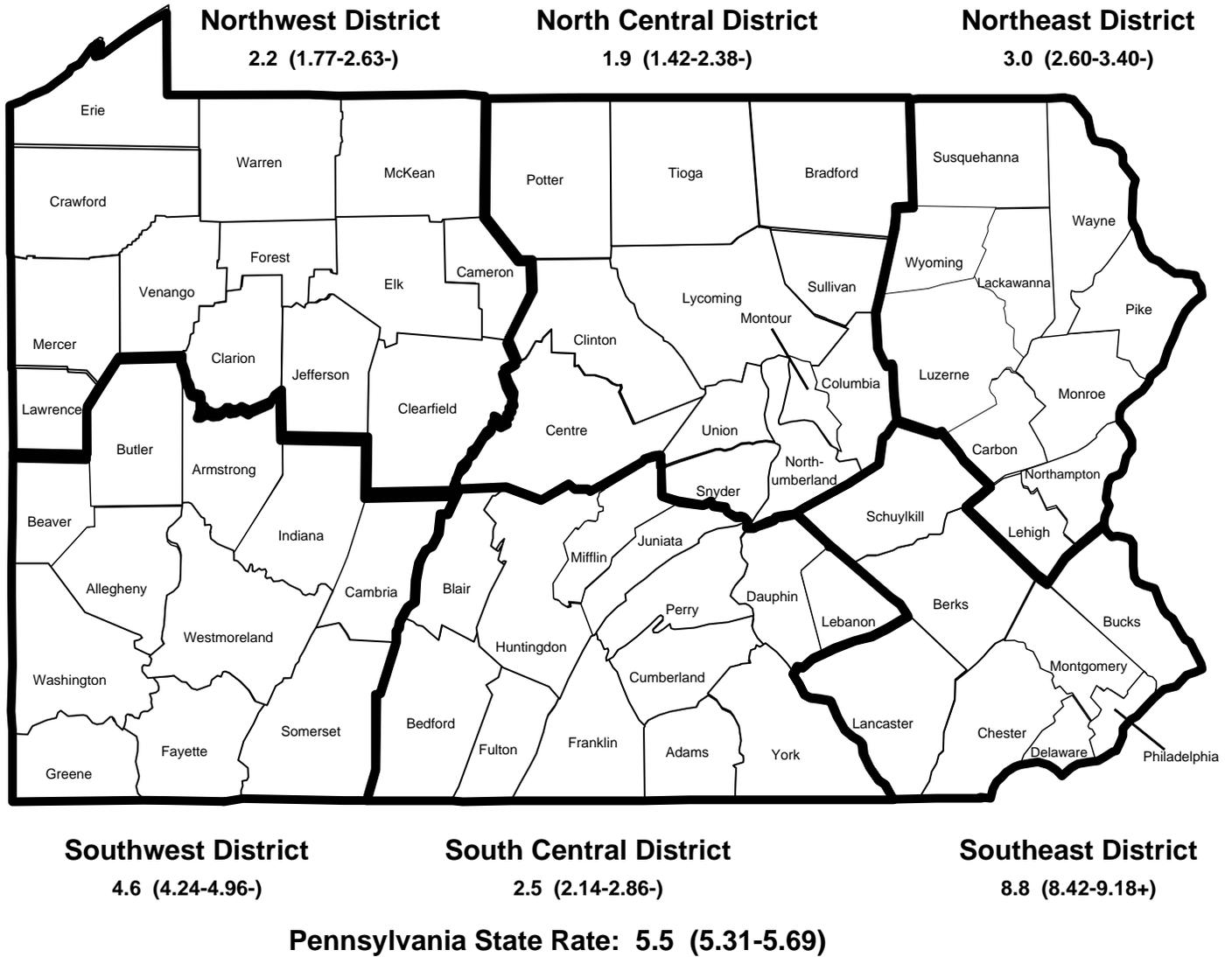
NUMBER OF DEATHS, AVERAGE ANNUAL AGE-ADJUSTED DEATH RATES, 95 % CONFIDENCE INTERVALS, AND SIGNIFICANCE TEST RESULTS, BY HEALTH DISTRICT, PENNSYLVANIA RESIDENTS, 1999-2003

<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	100	2.2	1.77-2.63 -	Southwest	612	4.6	4.24-4.96 -
Cameron	0	-		Allegheny	430	7.2	6.52-7.88 +
Clarion	1	0.7		Armstrong	11	3.3	
Clearfield	7	1.7		Beaver	28	3.5	2.20-4.80 -
Crawford	13	2.9		Butler	10	1.1	
Elk	2	1.1		Cambria	21	3.0	1.72-4.28 -
Erie	34	2.4	1.59-3.21 -	Fayette	31	4.5	2.92-6.08
Forest	1	4.1		Greene	5	2.3	
Jefferson	4	2.0		Indiana	4	1.0	
Lawrence	10	2.4		Somerset	12	3.2	
McKean	4	1.9		Washington	18	1.8	
Mercer	16	2.9		Westmoreland	42	2.4	1.67-3.13 -
Venango	5	2.1					
Warren	3	1.6					
North Central	61	1.9	1.42-2.38 -	South Central	186	2.5	2.14-2.86 -
Bradford	8	2.6		Adams	6	1.3	
Centre	15	2.6		Bedford	5	1.9	
Clinton	5	2.3		Blair	16	2.4	
Columbia	5	1.6		Cumberland	16	1.5	
Lycoming	12	2.1		Dauphin	60	5.1	3.81-6.39
Montour	1	1.3		Franklin	3	0.5	
Northumberland	10	2.3		Fulton	1	1.5	
Potter	0	-		Huntingdon	8	3.5	
Snyder	0	-		Juniata	3	2.9	
Sullivan	0	-		Lebanon	10	1.7	
Tioga	0	-		Mifflin	5	2.2	
Union	5	2.4		Perry	4	1.8	
				York	49	2.6	1.87-3.33 -
Northeast	211	3.0	2.60-3.40 -	Southeast	2,079	8.8	8.42-9.18 +
Carbon	6	1.8		Berks	127	6.9	5.70-8.10 +
Lackawanna	23	2.4	1.42-3.38 -	Bucks	45	1.5	1.06-1.94 -
Lehigh	52	3.5	2.55-4.45 -	Chester	27	1.3	0.81-1.79 -
Luzerne	49	3.4	2.45-4.35 -	Delaware	149	5.5	4.62-6.38
Monroe	24	3.4	2.04-4.76 -	Lancaster	57	2.5	1.85-3.15 -
Northampton	36	2.7	1.82-3.58 -	Montgomery	82	2.3	1.80-2.80 -
Pike	5	2.2		Philadelphia	1,575	20.7	19.68-21.72 +
Susquehanna	6	3.3		Schuylkill	17	2.5	
Wayne	4	1.5					
Wyoming	6	4.5					
				Pennsylvania	3,249	5.5	5.31-5.69

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. State data were compared to U.S. data. CIs were not calculated for rates based on less than 20 events due to unreliability.

Data for 1999-2003 based on ICD-10 cause of death codes.
See Technical Notes.

**AVERAGE ANNUAL AGE-ADJUSTED DEATH RATES AND SIGNIFICANCE TEST RESULTS
HOMICIDE
Pennsylvania Health Districts and Counties, 1999-2003**



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.
Data for 1999-2003 based on ICD-10 cause of death codes.
See Technical Notes.

HOMICIDE
NUMBER OF DEATHS, TOTAL AND BY SELECTED AGE GROUPS, BY HEALTH DISTRICT
PENNSYLVANIA RESIDENTS, 1999-2003

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	3,249	573	2,491	180					
Northwest	100	16	80	4	Southwest	612	118	445	49
Cameron	0	0	0	0	Allegheny	430	92	304	34
Clarion	1	1	0	0	Armstrong	11	2	9	0
Clearfield	7	0	7	0	Beaver	28	3	24	1
Crawford	13	1	10	2	Butler	10	0	9	1
Elk	2	0	2	0	Cambria	21	5	13	3
Erie	34	8	26	0	Fayette	31	5	23	3
Forest	1	0	1	0	Greene	5	0	5	0
Jefferson	4	0	4	0	Indiana	4	1	3	0
Lawrence	10	1	9	0	Somerset	12	2	9	1
McKean	4	2	2	0	Washington	18	2	14	2
Mercer	16	1	13	2	Westmoreland	42	6	32	4
Venango	5	2	3	0					
Warren	3	0	3	0					
North Central	61	10	44	6	South Central	186	36	135	15
Bradford	8	1	6	1	Adams	6	2	4	0
Centre	15	2	11	2	Bedford	5	0	5	0
Clinton	5	0	3	1	Blair	16	1	10	5
Columbia	5	0	5	0	Cumberland	16	4	10	2
Lycoming	12	4	7	1	Dauphin	60	16	41	3
Montour	1	0	1	0	Franklin	3	1	2	0
Northumberland	10	3	7	0	Fulton	1	0	1	0
Potter	0	0	0	0	Huntingdon	8	2	5	1
Snyder	0	0	0	0	Juniata	3	1	2	0
Sullivan	0	0	0	0	Lebanon	10	0	10	0
Tioga	0	0	0	0	Mifflin	5	2	2	1
Union	5	0	4	1	Perry	4	1	3	0
					York	49	6	40	3
Northeast	211	33	160	17	Southeast	2,079	360	1,627	89
Carbon	6	0	4	2	Berks	127	22	94	10
Lackawanna	23	5	16	2	Bucks	45	4	40	1
Lehigh	52	11	39	2	Chester	27	5	19	3
Luzerne	49	9	38	2	Delaware	149	29	109	11
Monroe	24	2	19	2	Lancaster	57	19	36	2
Northampton	36	5	27	4	Montgomery	82	16	55	11
Pike	5	0	4	1	Philadelphia	1,575	261	1,262	50
Susquehanna	6	1	5	0	Schuylkill	17	4	12	1
Wayne	4	0	2	2					
Wyoming	6	0	6	0					

NOTE: * Unknowns included in totals.

Data for 1999-2003 based on ICD-10 cause of death codes.

See Technical Notes.

FIREARM-RELATED INJURIES

NOTE: Firearm-related injury deaths include unintentional injury deaths, suicides and homicides.

- The annual number and age-adjusted rate for firearm-related deaths among state residents generally has not changed much between 1999 and 2003. There were 1,220 deaths reported for a rate of 9.8 in 2003. The highest annual rate (10.1) was recorded in 2000 during the five-year period of 1999-2003, while the lowest rate (9.5) was recorded in 2001.
- Among the four sex/race groups, black males had, by far, the highest annual age-adjusted death rates during 1999-2003. For example, the 2003 rate for black males was 56.1 per 100,000, more than four times higher than the rate for white males (13.2), which was the second highest rate in 2003.
- The annual age-adjusted death rates have shown no obvious trends throughout the five-year period of 1999-2003 among the four sex/race groups. However, the highest annual death rate among black males was recorded in 2003.
- The 1999-2003 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 1999-2003 age-specific death rates for black males rose dramatically at ages 15-19; peaked at ages 20-24; and then declined slowly. The rates for white males were high among the young (ages 20-44), then declined slightly, but rose again to their highest levels for the oldest age groups (ages 70+). The rates for females were highest between the ages of 20 and 44.
- Twenty-seven percent or 1,609 of the total 6,020 firearm-related deaths during 1999-2003 were to residents of Philadelphia.
- Two counties (Fayette and Philadelphia) had average annual age-adjusted death rates for firearm-related injuries during 1999-2003 that were significantly higher than the corresponding state rate.
- Nineteen counties had average annual age-adjusted death rates for firearm-related injuries during 1999-2003 that were significantly lower than the corresponding state rate.

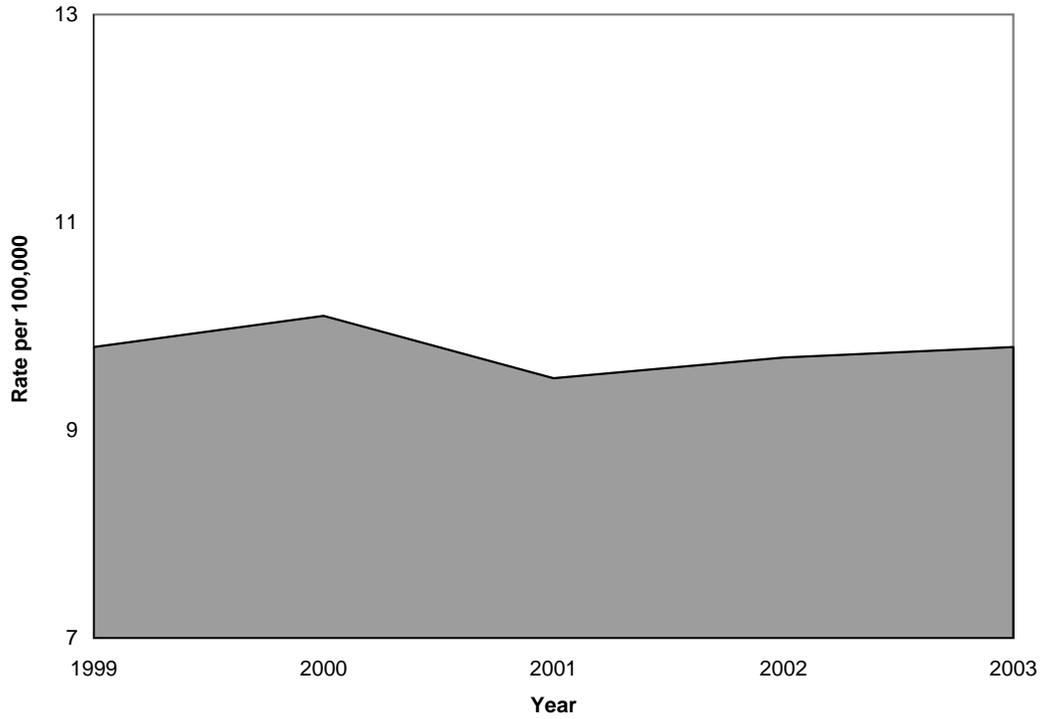
**HIGHEST AGE-ADJUSTED DEATH RATES:
Black males**

**HIGHEST AGE-SPECIFIC DEATH RATES:
Young black males (ages 15-44)**

FIREARM-RELATED INJURIES
TOTAL NUMBER OF DEATHS AND AGE-ADJUSTED DEATH RATES
PENNSYLVANIA RESIDENTS, 1999-2003

YEAR	NO.	RATE
1999	1,183	9.8
2000	1,249	10.1
2001	1,169	9.5
2002	1,199	9.7
2003	1,220	9.8

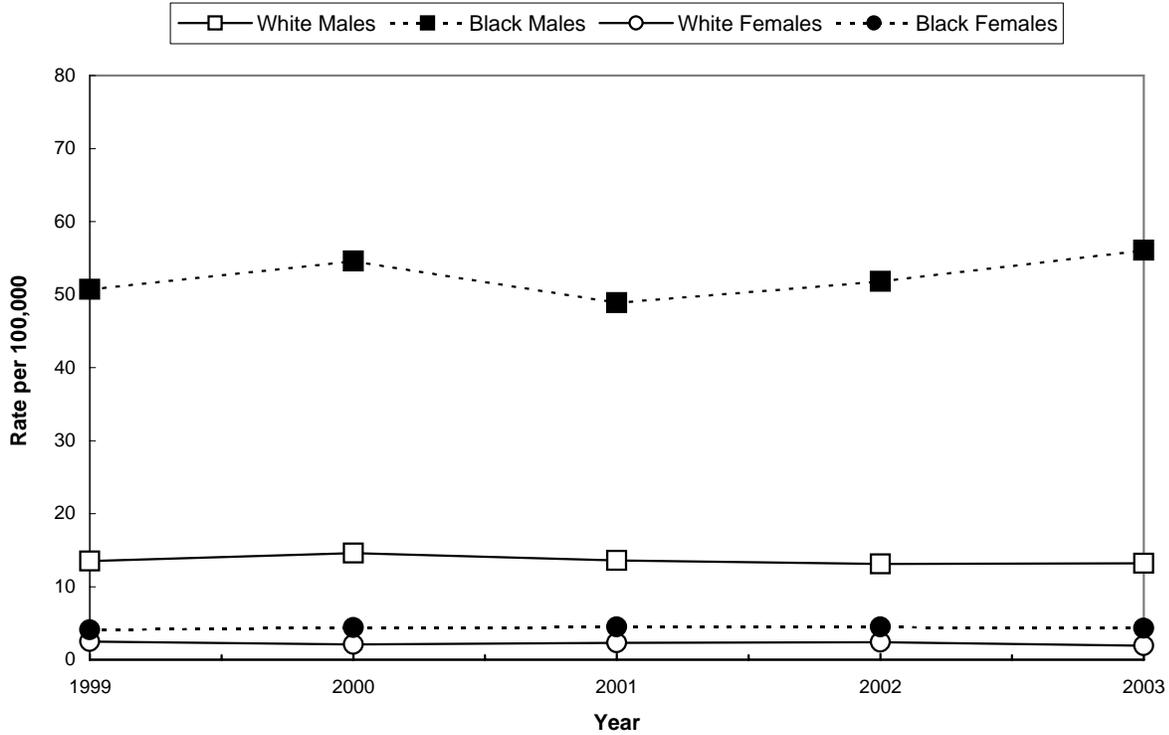
NOTES: Age-adjusted rates are computed by the direct method using the 2000 U.S. standard million population. Rates are per 100,000. Numbers include deaths due to legal intervention. Data for 1999-2003 based on ICD-10 cause of death codes. See Technical Notes.



FIREARM-RELATED INJURIES
TOTAL NUMBER OF DEATHS AND AGE-ADJUSTED DEATH RATES BY SEX AND RACE
PENNSYLVANIA RESIDENTS, 1999-2003

YEAR	MALES						FEMALES					
	ALL RACES		WHITE		BLACK		ALL RACES		WHITE		BLACK	
	NO.	RATE	NO.	RATE	NO.	RATE	NO.	RATE	NO.	RATE	NO.	RATE
1999	1,026	17.6	705	13.5	312	50.7	157	2.6	130	2.5	25	4.1
2000	1,106	18.7	762	14.6	330	54.6	143	2.2	114	2.1	28	4.4
2001	1,011	17.0	704	13.6	305	48.9	158	2.5	126	2.3	29	4.5
2002	1,034	17.3	692	13.1	334	51.8	165	2.6	132	2.4	30	4.5
2003	1,083	18.0	705	13.2	368	56.1	137	2.2	103	1.9	29	4.3

NOTES: Age-Adjusted rates are computed by the direct method using the 2000 U.S. standard million population.
 Rates are per 100,000. Numbers include deaths due to legal intervention.
 Data for 1999-2003 based on ICD-10 cause of death codes.
 See Technical Notes.



FIREARM-RELATED INJURIES
TOTAL NUMBER OF DEATHS AND AVERAGE ANNUAL AGE-SPECIFIC DEATH RATES BY SEX AND RACE
PENNSYLVANIA RESIDENTS, 1999-2003

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 ***	6,020	9.5	5,260	17.2	3,568	13.9	1,649	56.2	760	2.3	605	2.2	141	4.3
< 5	7	0.2	5	0.3	3	0.2	2	0.8	2	0.1	2	0.1	0	-
5-9	16	0.4	10	0.5	6	0.4	4	1.4	6	0.3	4	0.3	2	0.7
10-14	43	1.0	31	1.4	21	1.2	10	3.6	12	0.6	7	0.4	5	1.8
15-19	512	11.2	463	20.0	183	9.9	272	102.9	49	2.2	35	1.9	13	5.1
20-24	876	21.4	808	39.2	319	19.5	482	208.0	68	3.4	46	2.9	21	9.0
25-29	679	17.9	613	31.9	285	18.8	324	152.4	66	3.5	44	2.9	20	9.2
30-34	571	13.6	489	23.3	278	16.3	203	94.9	82	3.9	59	3.5	20	8.7
35-39	538	11.5	450	19.4	315	16.2	129	58.4	88	3.7	72	3.7	13	5.3
40-44	561	11.4	457	18.7	375	18.0	82	38.1	104	4.2	87	4.1	16	6.5
45-49	446	9.6	369	16.1	318	15.9	49	26.3	77	3.3	71	3.5	5	2.3
50-54	387	9.4	322	16.0	283	16.0	37	24.5	65	3.1	53	2.9	11	6.0
55-59	305	9.1	257	15.9	241	16.8	14	12.2	48	2.8	44	2.9	4	2.7
60-64	223	8.1	199	15.4	186	16.1	10	11.1	24	1.7	20	1.6	4	3.3
65-69	173	7.0	148	13.3	137	13.5	11	15.0	25	1.8	20	1.6	4	3.8
70-74	211	8.9	192	18.9	184	19.7	8	13.2	19	1.4	18	1.5	1	1.1
75-79	222	10.8	210	25.5	205	26.9	5	10.9	12	1.0	11	1.0	1	1.3
80-84	147	10.0	140	26.3	136	27.5	4	14.4	7	0.8	6	0.7	1	1.8
85 +	100	7.9	95	26.0	91	26.8	3	15.8	5	0.6	5	0.6	0	-

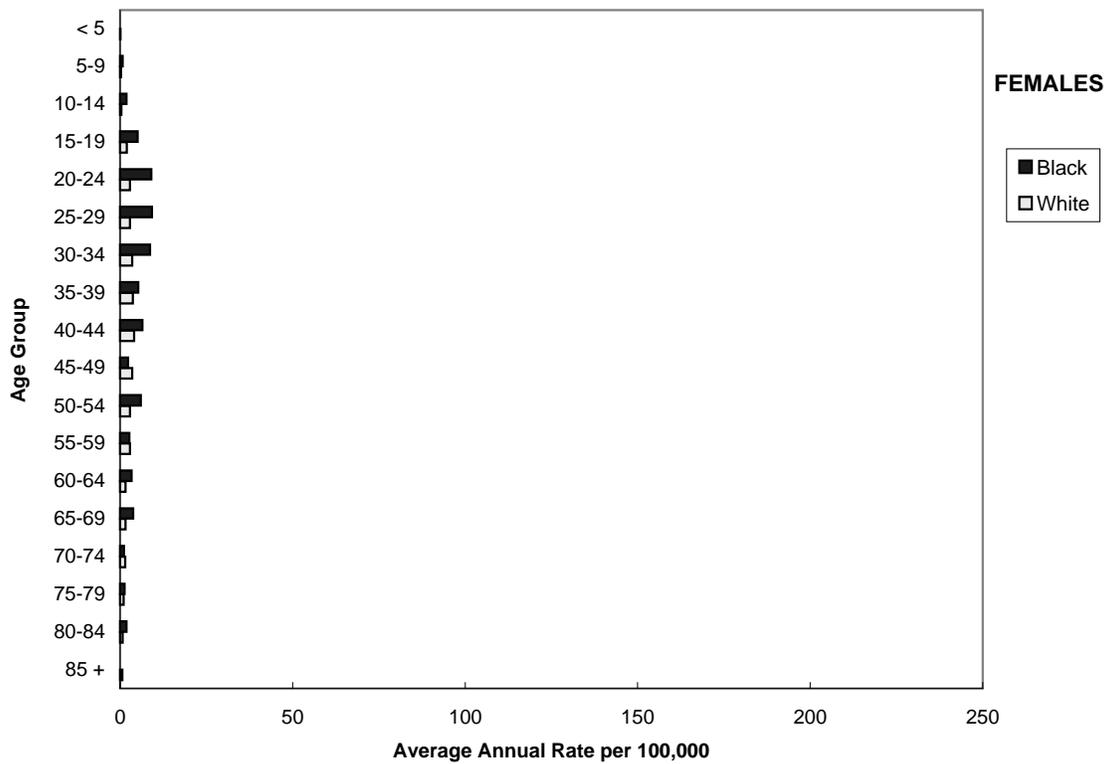
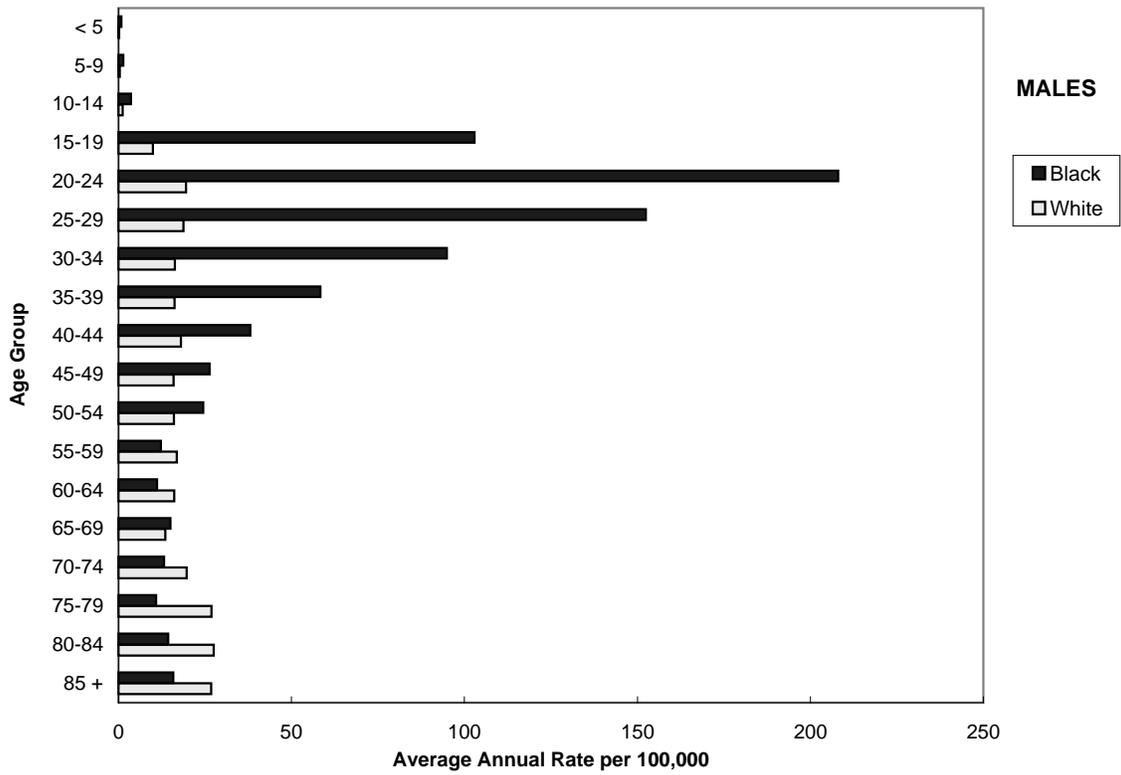
*** Unknown age included in totals.

NOTES: Rates are per 100,000 population (1999-2003) for each specified group.

Data for 1999-2003 based on ICD-10 cause of death codes.

See Technical Notes.

**FIREARM-RELATED INJURIES
 AVERAGE ANNUAL AGE-SPECIFIC DEATH RATES
 BY SEX AND RACE, PENNSYLVANIA RESIDENTS, 1999-2003**



FIREARM-RELATED INJURIES

NUMBER OF DEATHS, AVERAGE ANNUAL AGE-ADJUSTED DEATH RATES, 95 % CONFIDENCE INTERVALS, AND SIGNIFICANCE TEST RESULTS, BY COUNTY, PENNSYLVANIA RESIDENTS, 1999-2003

County	No.	Rate	CI (95%)	County	No.	Rate	CI (95%)
Adams	38	8.1	5.52-10.68	Lackawanna	66	6.2	4.70-7.70 -
Allegheny	654	10.4	9.60-11.20	Lancaster	133	5.7	4.73-6.67 -
Armstrong	33	9.3	6.13-12.47	Lawrence	44	9.6	6.76-12.44
Beaver	87	9.6	7.58-11.62	Lebanon	42	7.0	4.88-9.12 -
Bedford	30	11.8	7.58-16.02	Lehigh	112	7.1	5.79-8.41 -
Berks	193	10.2	8.76-11.64	Luzerne	144	9.2	7.70-10.70
Blair	56	8.4	6.20-10.60	Lycoming	35	5.6	3.74-7.46 -
Bradford	32	9.7	6.34-13.06	McKean	28	12.3	7.74-16.86
Bucks	158	5.2	4.39-6.01 -	Mercer	39	6.2	4.25-8.15 -
Butler	70	7.9	6.05-9.75 -	Mifflin	22	8.8	5.12-12.48
Cambria	84	10.9	8.57-13.23	Monroe	66	9.2	6.98-11.42
Cameron	3	10.6		Montgomery	206	5.4	4.66-6.14 -
Carbon	22	6.9	4.02-9.78 -	Montour	5	5.4	
Centre	42	6.7	4.67-8.73 -	Northampton	80	5.9	4.61-7.19 -
Chester	113	5.1	4.16-6.04 -	Northumberland	33	7.3	4.81-9.79 -
Clarion	23	11.2	6.62-15.78	Perry	29	12.9	8.20-17.60
Clearfield	46	10.2	7.25-13.15	Philadelphia	1,609	21.1	20.07-22.13 +
Clinton	21	10.9	6.24-15.56	Pike	20	8.3	4.66-11.94
Columbia	29	8.7	5.53-11.87	Potter	13	13.2	
Crawford	38	8.3	5.66-10.94	Schuylkill	88	11.6	9.18-14.02
Cumberland	65	5.8	4.39-7.21 -	Snyder	9	4.8	
Dauphin	100	7.9	6.35-9.45 -	Somerset	36	9.0	6.06-11.94
Delaware	231	8.4	7.32-9.48 -	Sullivan	5	14.2	
Elk	15	8.8		Susquehanna	32	14.8	9.67-19.93
Erie	89	6.4	5.07-7.73 -	Tioga	19	9.5	
Fayette	99	13.5	10.84-16.16 +	Union	20	9.4	5.28-13.52
Forest	7	33.1		Venango	19	6.8	
Franklin	47	6.9	4.93-8.87 -	Warren	22	9.6	5.59-13.61
Fulton	8	11.0		Washington	91	8.5	6.75-10.25
Greene	30	14.0	8.99-19.01	Wayne	20	7.8	4.38-11.22
Huntingdon	24	10.3	6.18-14.42	Westmoreland	174	8.9	7.58-10.22
Indiana	38	8.7	5.93-11.47	Wyoming	13	8.8	
Jefferson	27	11.6	7.22-15.98	York	183	9.4	8.04-10.76
Juniata	11	9.4					
				Pennsylvania	6,020	9.8	9.55-10.05

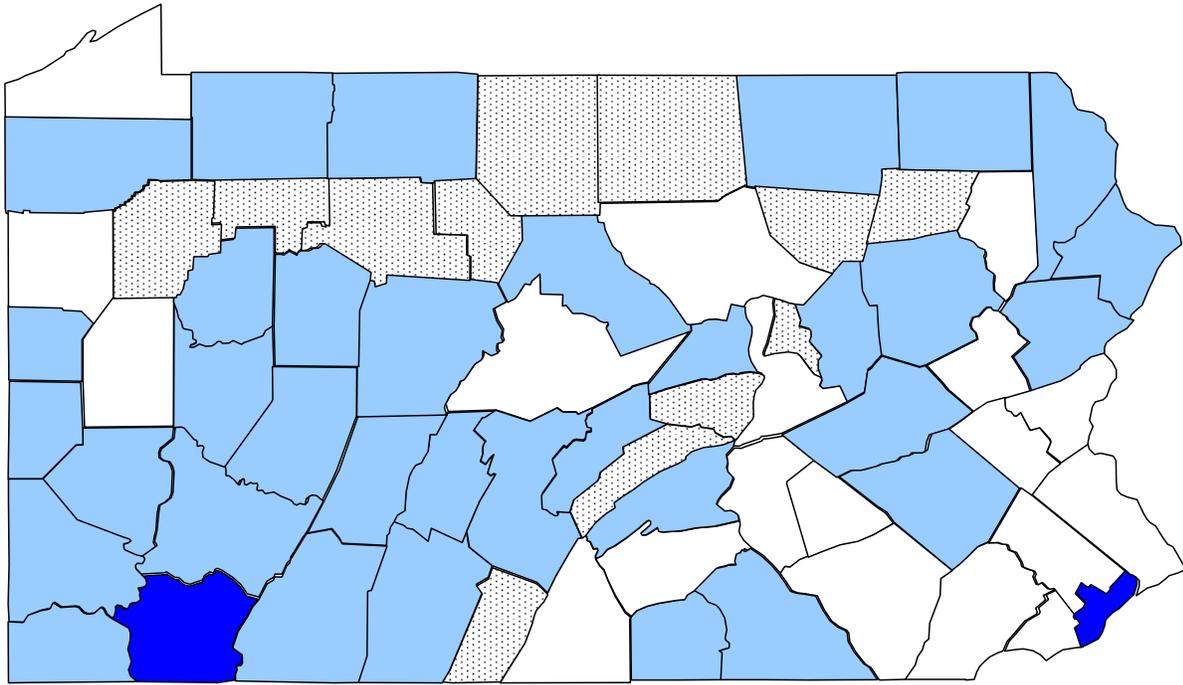
NOTE: A+ or - after the confidence interval (CI) denotes if the county rate was significantly higher or lower than the state rate. No + or - after a CI denotes no significant difference. State data were compared to U.S. data. CIs were not calculated for rates based on less than 20 events due to unreliability.

Numbers include deaths due to legal intervention.

Data for 1999-2003 based on ICD-10 cause of death codes.

See Technical Notes.

FIREARM-RELATED INJURIES
AVERAGE ANNUAL AGE-ADJUSTED DEATH RATES AND SIGNIFICANCE TEST RESULTS
BY COUNTY, PENNSYLVANIA RESIDENTS, 1999-2003



 Significantly lower than the state	 Not significantly higher or lower than the state
 Significantly higher than the state	 Less than 20 events - statistically unreliable

**FIREARM-RELATED INJURIES
NUMBER OF DEATHS, TOTAL AND BY SELECTED AGE GROUPS, BY COUNTY
PENNSYLVANIA RESIDENTS, 1999-2003**

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	6,020	578	4,586	853					
Adams	38	7	26	5	Lackawanna	66	2	56	8
Allegheny	654	86	479	89	Lancaster	133	12	96	25
Armstrong	33	2	26	5	Lawrence	44	2	36	6
Beaver	87	5	67	15	Lebanon	42	1	37	4
Bedford	30	4	17	9	Lehigh	112	6	84	22
Berks	193	23	133	37	Luzerne	144	10	115	19
Blair	56	5	38	13	Lycoming	35	4	22	9
Bradford	32	2	19	11	McKean	28	1	25	2
Bucks	158	4	125	29	Mercer	39	3	26	10
Butler	70	4	52	14	Mifflin	22	1	16	5
Cambria	84	12	55	17	Monroe	66	2	53	11
Cameron	3	0	3	0	Montgomery	206	9	163	34
Carbon	22	0	15	7	Montour	5	1	2	2
Centre	42	5	31	6	Northampton	80	5	64	11
Chester	113	8	86	18	Northumberland	33	6	25	2
Clarion	23	0	18	5	Perry	29	1	24	4
Clearfield	46	1	33	12	Philadelphia	1,609	222	1,306	80
Clinton	21	1	16	4	Pike	20	0	12	8
Columbia	29	1	21	7	Potter	13	2	7	4
Crawford	38	2	30	6	Schuylkill	88	7	66	15
Cumberland	65	4	46	15	Snyder	9	0	9	0
Dauphin	100	10	68	22	Somerset	36	4	28	4
Delaware	231	25	182	23	Sullivan	5	0	3	2
Elk	15	2	10	3	Susquehanna	32	2	24	6
Erie	89	9	66	14	Tioga	19	2	14	3
Fayette	99	10	74	15	Union	20	0	13	7
Forest	7	0	6	1	Venango	19	2	15	2
Franklin	47	0	35	12	Warren	22	0	18	4
Fulton	8	0	7	1	Washington	91	5	63	23
Greene	30	3	23	4	Wayne	20	0	15	5
Huntingdon	24	3	15	6	Westmoreland	174	8	126	40
Indiana	38	2	25	11	Wyoming	13	1	11	1
Jefferson	27	2	19	6	York	183	13	139	31
Juniata	11	2	7	2					

* Unknown age included in total.

NOTE: Numbers include deaths due to legal intervention.

Data for 1999-2003 based on ICD-10 cause of death codes.

See Technical Notes.

FIREARM-RELATED INJURIES

NUMBER OF DEATHS, AVERAGE ANNUAL AGE-ADJUSTED DEATH RATES, 95 % CONFIDENCE INTERVALS, AND SIGNIFICANCE TEST RESULTS, BY HEALTH DISTRICT, PENNSYLVANIA RESIDENTS, 1999-2003

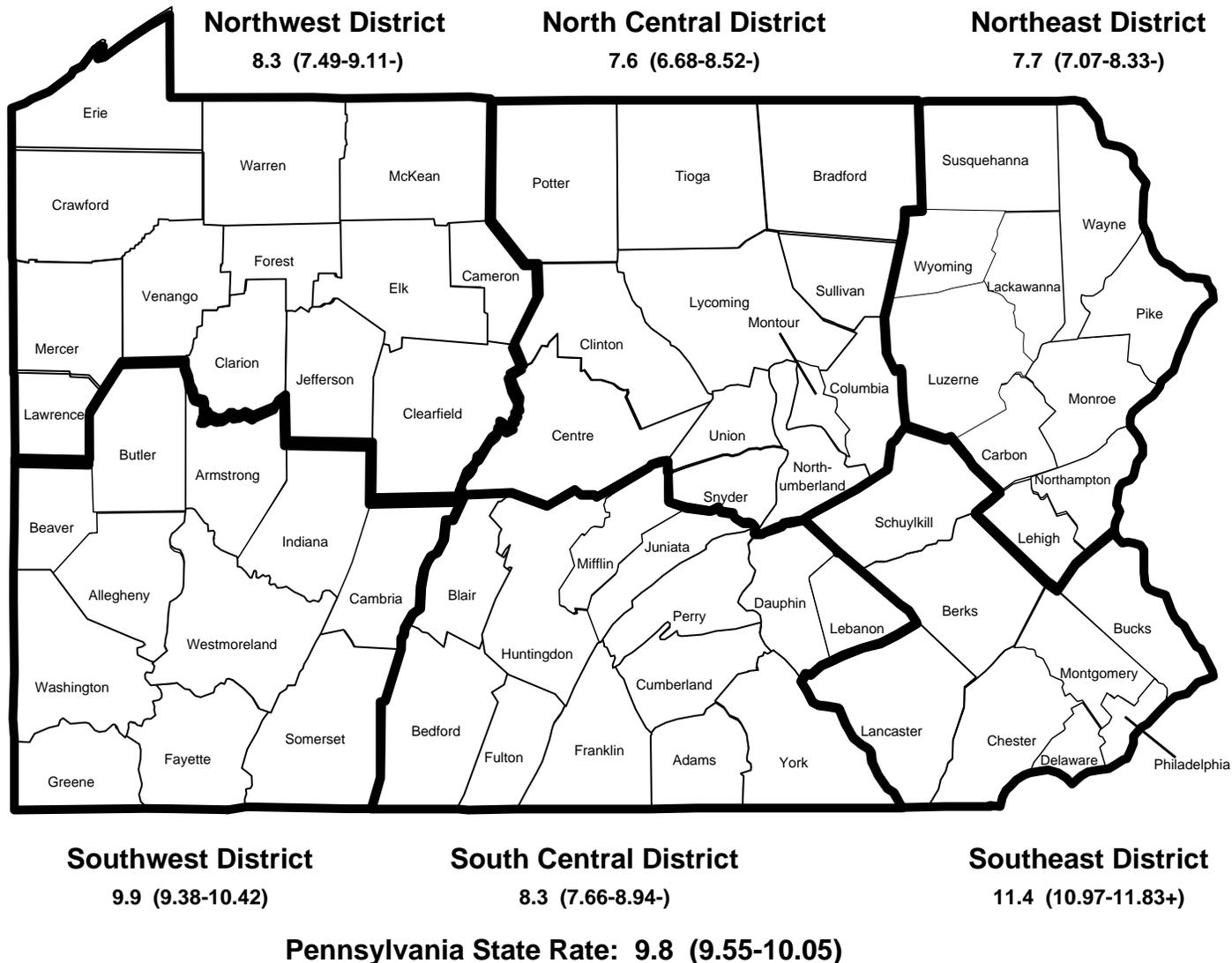
<u>District/County</u>	<u>No.</u>	<u>Rate</u>	<u>CI (95%)</u>	<u>District/County</u>	<u>No.</u>	<u>Rate</u>	<u>CI (95%)</u>
Northwest	400	8.3	7.49-9.11 -	Southwest	1,396	9.9	9.38-10.42
Cameron	3	10.6		Allegheny	654	10.4	9.60-11.20
Clarion	23	11.2	6.62-15.78	Armstrong	33	9.3	6.13-12.47
Clearfield	46	10.2	7.25-13.15	Beaver	87	9.6	7.58-11.62
Crawford	38	8.3	5.66-10.94	Butler	70	7.9	6.05-9.75 -
Elk	15	8.8		Cambria	84	10.9	8.57-13.23
Erie	89	6.4	5.07-7.73 -	Fayette	99	13.5	10.84-16.16 +
Forest	7	33.1		Greene	30	14.0	8.99-19.01
Jefferson	27	11.6	7.22-15.98	Indiana	38	8.7	5.93-11.47
Lawrence	44	9.6	6.76-12.44	Somerset	36	9.0	6.06-11.94
McKean	28	12.3	7.74-16.86	Washington	91	8.5	6.75-10.25
Mercer	39	6.2	4.25-8.15 -	Westmoreland	174	8.9	7.58-10.22
Venango	19	6.8					
Warren	22	9.6	5.59-13.61				
North Central	263	7.6	6.68-8.52 -	South Central	655	8.3	7.66-8.94 -
Bradford	32	9.7	6.34-13.06	Adams	38	8.1	5.52-10.68
Centre	42	6.7	4.67-8.73 -	Bedford	30	11.8	7.58-16.02
Clinton	21	10.9	6.24-15.56	Blair	56	8.4	6.20-10.60
Columbia	29	8.7	5.53-11.87	Cumberland	65	5.8	4.39-7.21 -
Lycoming	35	5.6	3.74-7.46 -	Dauphin	100	7.9	6.35-9.45 -
Montour	5	5.4		Franklin	47	6.9	4.93-8.87 -
Northumberland	33	7.3	4.81-9.79 -	Fulton	8	11.0	
Potter	13	13.2		Huntingdon	24	10.3	6.18-14.42
Snyder	9	4.8		Juniata	11	9.4	
Sullivan	5	14.2		Lebanon	42	7.0	4.88-9.12 -
Tioga	19	9.5		Mifflin	22	8.8	5.12-12.48
Union	20	9.4	5.28-13.52	Perry	29	12.9	8.20-17.60
				York	183	9.4	8.04-10.76
Northeast	575	7.7	7.07-8.33 -	Southeast	2,731	11.4	10.97-11.83 +
Carbon	22	6.9	4.02-9.78 -	Berks	193	10.2	8.76-11.64
Lackawanna	66	6.2	4.70-7.70 -	Bucks	158	5.2	4.39-6.01 -
Lehigh	112	7.1	5.79-8.41 -	Chester	113	5.1	4.16-6.04 -
Luzerne	144	9.2	7.70-10.70	Delaware	231	8.4	7.32-9.48 -
Monroe	66	9.2	6.98-11.42	Lancaster	133	5.7	4.73-6.67 -
Northampton	80	5.9	4.61-7.19 -	Montgomery	206	5.4	4.66-6.14 -
Pike	20	8.3	4.66-11.94	Philadelphia	1,609	21.1	20.07-22.13 +
Susquehanna	32	14.8	9.67-19.93	Schuylkill	88	11.6	9.18-14.02
Wayne	20	7.8	4.38-11.22				
Wyoming	13	8.8					
				Pennsylvania	6,020	9.8	9.55-10.05

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. State data were compared to U.S. data. CIs were not calculated for rates based on less than 20 events due to unreliability.

Data for 1999-2003 based on ICD-10 cause of death codes.

See Technical Notes.

**AVERAGE ANNUAL AGE-ADJUSTED DEATH RATES AND SIGNIFICANCE TEST RESULTS
FIREARM-RELATED INJURIES
Pennsylvania Health Districts and Counties, 1999-2003**



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.
Data for 1999-2002 based on ICD-10, and for 1998 based on ICD-9 cause of death codes.
There are some differences in the comparability of causes of death between ICD-9 and ICD-10, especially in regards to motor vehicle accidents and falls. See Technical Notes.

**FIREARM-RELATED INJURIES
NUMBER OF DEATHS, TOTAL AND BY SELECTED AGE GROUPS, BY HEALTH DISTRICT
PENNSYLVANIA RESIDENTS, 1999-2003**

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	6,020	578	4,586	853					
Northwest	400	24	305	71	Southwest	1,396	141	1,018	237
Cameron	3	0	3	0	Allegheny	654	86	479	89
Clarion	23	0	18	5	Armstrong	33	2	26	5
Clearfield	46	1	33	12	Beaver	87	5	67	15
Crawford	38	2	30	6	Butler	70	4	52	14
Elk	15	2	10	3	Cambria	84	12	55	17
Erie	89	9	66	14	Fayette	99	10	74	15
Forest	7	0	6	1	Greene	30	3	23	4
Jefferson	27	2	19	6	Indiana	38	2	25	11
Lawrence	44	2	36	6	Somerset	36	4	28	4
McKean	28	1	25	2	Washington	91	5	63	23
Mercer	39	3	26	10	Westmoreland	174	8	126	40
Venango	19	2	15	2					
Warren	22	0	18	4					
North Central	263	24	182	57	South Central	655	51	475	129
Bradford	32	2	19	11	Adams	38	7	26	5
Centre	42	5	31	6	Bedford	30	4	17	9
Clinton	21	1	16	4	Blair	56	5	38	13
Columbia	29	1	21	7	Cumberland	65	4	46	15
Lycoming	35	4	22	9	Dauphin	100	10	68	22
Montour	5	1	2	2	Franklin	47	0	35	12
Northumberland	33	6	25	2	Fulton	8	0	7	1
Potter	13	2	7	4	Huntingdon	24	3	15	6
Snyder	9	0	9	0	Juniata	11	2	7	2
Sullivan	5	0	3	2	Lebanon	42	1	37	4
Tioga	19	2	14	3	Mifflin	22	1	16	5
Union	20	0	13	7	Perry	29	1	24	4
					York	183	13	139	31
Northeast	575	28	449	98	Southeast	2,731	310	2,157	261
Carbon	22	0	15	7	Berks	193	23	133	37
Lackawanna	66	2	56	8	Bucks	158	4	125	29
Lehigh	112	6	84	22	Chester	113	8	86	18
Luzerne	144	10	115	19	Delaware	231	25	182	23
Monroe	66	2	53	11	Lancaster	133	12	96	25
Northampton	80	5	64	11	Montgomery	206	9	163	34
Pike	20	0	12	8	Philadelphia	1,609	222	1,306	80
Susquehanna	32	2	24	6	Schuylkill	88	7	66	15
Wayne	20	0	15	5					
Wyoming	13	1	11	1					

NOTE: * Unknowns included in totals.

Data for 1999-2003 based on ICD-10 cause of death codes.

See Technical Notes.

TECHNICAL NOTES: Injury Deaths

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 1 of the following year for compiling annual mortality files, e.g., the cut-off date for 2003 death certificates was March 1, 2004. Data pertaining to a 2003 death for which a certificate was filed after the March 1, 2004 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. Population:

Population estimates for the years 1999-2003 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. These estimates are published by the Bureau of the Census in *Current Population Reports, Series P-26*. They are generated by a combination of a component procedure, which uses administrative records and a regression method. The 2000 state and county populations by age, sex, and race used in this report are based on the U.S. Bureau of the Census enumerated population figures as of April 1, 2000.

B. DATA QUALITY

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 are 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 two 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.

C. DATA CONFIDENTIALITY

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.

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** deaths divided by the total of the standard population and multiplied by 100,000 yields the age-adjusted death 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 and age distributions used in calculating age-adjusted death 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. This was the method used in this report. Expanding the period of time studied enlarges the absolute numbers and adds more credence to a statement regarding a rate.

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% of the time. The following section

describes the formulas and methods used in this report to compute standard errors and confidence intervals.

F. COMPARING AGE-ADJUSTED RATES

As mentioned above, a first step in comparing rates is the computation of a standard error, 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):

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

where:

R = age-adjusted rate

N = number of deaths

This estimate assumes the rate to be a binomial proportion. As an example, let's use the state's 1999-2003 age-adjusted death rate for homicide of 5.5 to calculate an estimated SE. The rate was based on 3,249 homicides. The square root of 3,249 is 57.0. By dividing the rate of 5.5 by 57.0, one obtains the estimated SE of 0.10.

This estimated SE can then be used to compute a 95% confidence interval (CI) for the rate. The standard formula for determining the 95% CI of a rate is:

$$R \pm (1.96 \times \text{SE})$$

Following this formula, for the rate we are using, produces an equation of $5.5 \pm (1.96 \times 0.10)$ and the result is 5.5 ± 0.19 . Then, by subtracting and adding 0.19 against the original rate of 5.5, a range can be calculated and considered the estimated 95% confidence interval for the rate, i.e., 5.31 - 5.69. One could then state, with 95% certainty that the actual age-adjusted homicide rate for the state during 1999-2003 was between 5.31 and 5.69.

To compare a particular county's age-adjusted homicide rate for 1999-2003 with the state's corresponding rate, one must go through the same steps shown above to obtain the 95% 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% confidence level. As an example, the table on the following page shows homicide rates and confidence intervals for Pennsylvania, Dauphin County, and Lehigh County for the five-year period of 1999-2003.

	<u>Deaths</u>	<u>Rate</u>	<u>CI</u>
Pennsylvania	3,249	5.5	5.31-5.69
Dauphin County	60	5.1	3.81-6.39
Lehigh County	52	3.5	2.55-4.45

Both counties have homicide rates below the state rate. However, upon closer examination, we see that Dauphin County's CI overlaps the state's CI. Therefore, we can say (with 95% confidence) that there is no significant difference between Dauphin County's homicide rate and the state's homicide rate for the time-period of 1999-2003. On the other hand, Lehigh County's CI does not overlap and is below the state's CI. Thus, we can say that Lehigh County's homicide rate is significantly lower than the state's homicide rate for the period of 1999-2003.

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 less reliability) of rates based on smaller numbers. As a general rule, age-adjusted rates based on less than twenty events should be 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 twenty 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, 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 could be labeled as significantly different than the state rate.

G. 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.

Resident deaths with an underlying cause assigned to one of the ICD-10 codes listed below are included in this report:

CAUSE OF DEATH

ICD-10 CODES

Unintentional Injuries.....

V01-V99, W00-W99
X00-X59, Y85, Y86

Motor Vehicle Accidents.....	V02-V04, V09.0, V09.2, V12-V14, V19.0-V19.2, V19.4-V19.6, V20-V79, V80.3-V80.5, V81.0-V81.1, V82.0-V82.1, V83-V86, V87.0-V87.8, V88.0-V88.8, V89.0, V89.2
Drug Poisoning.....	X40-X44
Falls and Fall-Related Injuries...	W00-W19
Fire and Flames.....	X00-X09
Drowning and Submersion.....	V90, V92, W65-W74
Suicide.....	X60-X84, Y87.0, U03
Homicide.....	X85-X99, Y00-Y09, Y87.1, U01-U02
Firearm-Related Injuries.....	W32-W34, X72-X74, X93-X95, Y22-Y24 Y35.0