

UNINTENTIONAL INJURIES

- The annual numbers and age-adjusted rates for resident deaths due to all types of unintentional injuries have not changed by much throughout the period of 1985-1995. The 1995 number and rate were 4,180 and 27.4, compared to 4,113 and 28.7 for 1985.
- Pennsylvania's age-adjusted death rate for all unintentional injuries has been below the national year 2000 objective of 29.3 per 100,000 since 1990.
- Between 1985 and 1995, the highest age-adjusted death rates have been among black males and their rates have been on the increase during that period. The 1995 rate for black males was 74.4, almost twice as high as the second highest rate (37.7 for white males) and 38 percent higher than the 1985 rate of 54.1 for black males.
- The lowest age-adjusted death rates for unintentional injuries were for white females from 1985 to 1995. The rates have also been on the decline since 1985.
- Although the age-adjusted death rates for white males were the second highest during 1985-1995, their rates have been on the decline. In 1995, the rate for white males was 37.7, compared to 42.2 in 1985.
- The age-adjusted death rates for black females have not changed by much since 1987 when a rate of 22.5 was recorded. In 1995, the rate stood at 21.4.
- All four sex/race groups had their highest 1991-1995 age-specific death rates among the oldest age groups, those aged 80 and older. However, some rather high rates were also recorded for younger males, especially black males in the age groups between 35 and 49.
- As occurred with the age-adjusted rates, males, especially black males, had the highest age-specific death rates for every age group during the five-year period of 1991-1995.
- 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 10 and 64.
- Almost 38 percent (or 7,761) of the 20,602 deaths during 1985-1995 due to unintentional injuries occurred among residents aged 65 and older.
- Almost 11 percent of all unintentional deaths were to children and youth less than 20 years of age between 1991 and 1995. There were 2,255 deaths recorded for these young residents during those five years.
- Twelve counties had average annual age-adjusted death rates for 1991-1995 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 20-39) white males; black males; and the elderly

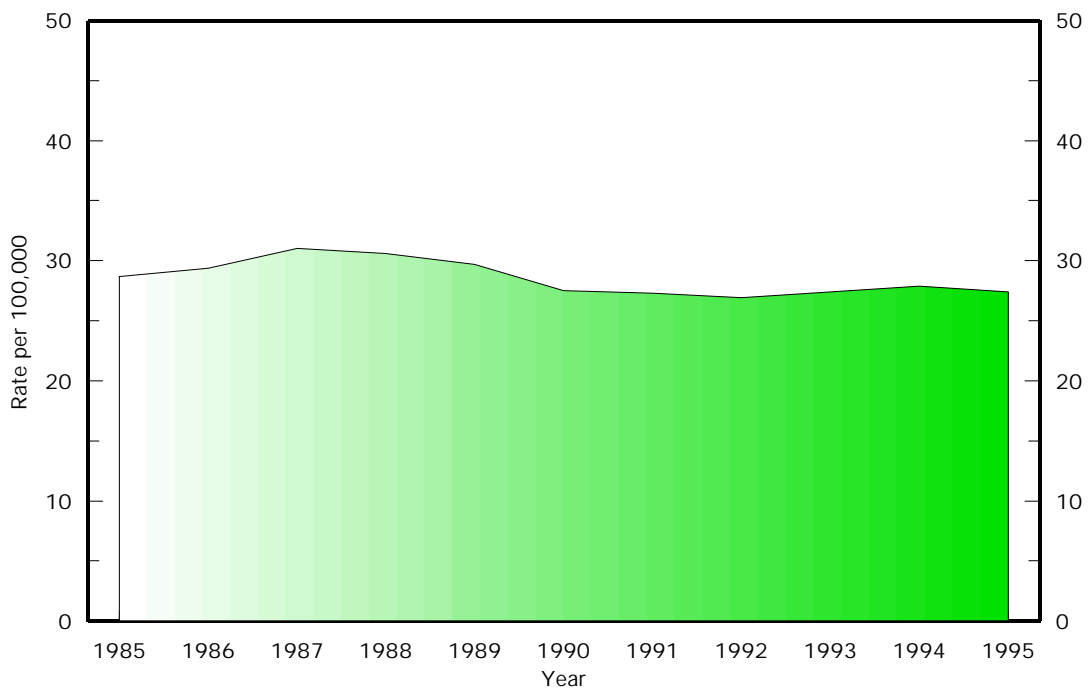
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TABLE 1-A
TOTAL NUMBER OF DEATHS AND AGE-ADJUSTED DEATH RATES, BY YEAR
PENNSYLVANIA RESIDENTS, 1985-1995

YEAR	NO.	RATE	YEAR	NO.	RATE
1985	4,113	28.7	1991	3,979	27.3
1986	4,182	29.4	1992	4,040	26.9
1987	4,464	31.0	1993	4,132	27.4
1988	4,437	30.6	1994	4,271	27.9
1989	4,365	29.7	1995	4,180	27.4
1990	4,001	27.5			

NOTE: Age-adjusted rates are computed by the direct method using the 1940 standard million population. Rates are per 100,000.

FIGURE 1-A
AGE-ADJUSTED DEATH RATE
PENNSYLVANIA RESIDENTS, 1985-1995



National Year 2000 Health Objective 9.1
 Reduce deaths caused by unintentional injuries to no more than 29.3 per 100,000.

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TABLE 1-B
NUMBER OF DEATHS AND AGE-ADJUSTED DEATH RATES BY SEX AND RACE, BY YEAR
PENNSYLVANIA RESIDENTS, 1985-1995

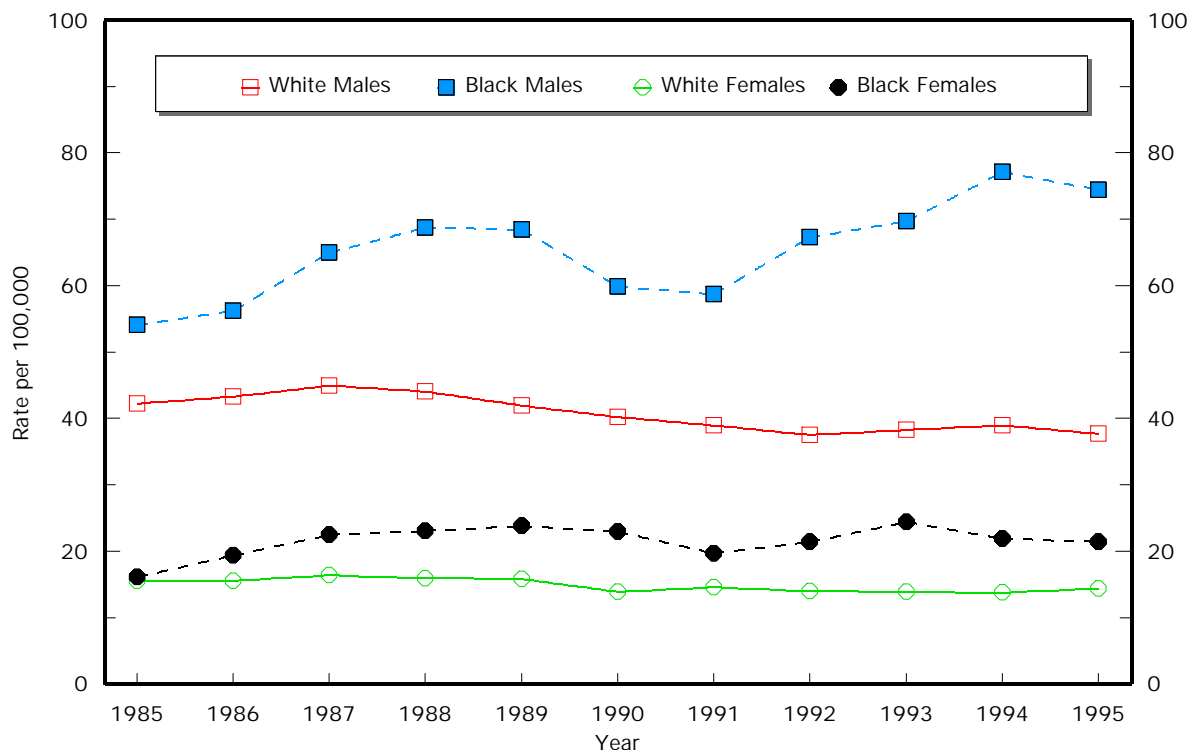
YEAR	M A L E S*						F E M A L E S					
	ALL RACES		WHITE**		BLACK		ALL RACES		WHITE**		BLACK	
	NO.	RATE	NO.	RATE	NO.	RATE	NO.	RATE	NO.	RATE	NO.	RATE
1985	2,718	42.9	2,433	42.2	272	54.1	1,395	15.5	1,279	15.5	112	16.1
1986	2,768	43.9	2,473	43.3	282	56.2	1,414	15.8	1,269	15.5	135	19.4
1987	2,929	46.1	2,589	45.0	330	65.0	1,535	16.9	1,380	16.4	149	22.5
1988	2,941	45.6	2,581	44.1	348	68.8	1,496	16.5	1,330	15.9	159	23.1
1989	2,827	43.9	2,459	42.0	346	68.5	1,538	16.3	1,368	15.8	166	23.8
1990	2,636	41.2	2,312	40.2	307	59.9	1,365	14.7	1,186	13.9	168	23.0
1991	2,581	40.3	2,254	39.0	314	58.7	1,398	15.1	1,238	14.6	147	19.7
1992	2,600	39.7	2,232	37.5	351	67.3	1,440	14.8	1,275	14.0	153	21.4
1993	2,677	40.6	2,292	38.3	365	69.7	1,455	14.9	1,262	13.9	180	24.4
1994	2,803	42.1	2,369	39.0	411	77.2	1,468	14.6	1,288	13.8	165	21.9
1995	2,713	40.5	2,284	37.7	409	74.4	1,467	15.1	1,291	14.4	162	21.4

* Unknown sex included in the male category.

** Unknown race included in the white category.

NOTE: Age-adjusted rates are computed by the direct method using the 1940 U.S. standard million population.
 Rates are per 100,000.

FIGURE 1-B
AGE-ADJUSTED DEATH RATES BY SEX AND RACE
PENNSYLVANIA RESIDENTS, 1985-1995



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TABLE 1-C
TOTAL NUMBER OF DEATHS AND AVERAGE ANNUAL AGE-SPECIFIC DEATH RATES BY SEX AND RACE
PENNSYLVANIA RESIDENTS, 1991-1995

AGE GROUP	ALL DEATHS NO. RATE		M A L E S *						F E M A L E S					
			ALL RACES		WHITE**		BLACK		ALL RACES		WHITE**		BLACK	
	NO.	RATE	NO.	RATE	NO.	RATE	NO.	RATE	NO.	RATE	NO.	RATE	NO.	RATE
TOTAL***	20,602	34.3	13,374	46.3	11,431	44.4	1,850	69.1	7,228	23.1	6,354	22.9	807	26.6
< 5	559	13.7	345	16.5	238	13.5	100	35.7	214	10.8	140	8.4	68	24.9
5-9	312	7.8	202	9.8	144	8.1	52	21.3	110	5.6	70	4.2	37	15.4
10-14	336	8.7	238	12.0	193	11.2	42	18.7	98	5.2	82	5.0	13	5.9
15-19	1,048	25.3	750	35.8	671	36.8	73	31.6	298	14.6	272	15.3	22	9.6
20-24	1,522	36.3	1,171	55.5	1,034	56.3	119	51.7	351	16.9	316	17.4	28	12.1
25-29	1,418	33.2	1,117	52.5	971	52.2	137	60.9	301	14.1	272	14.6	26	11.1
30-34	1,571	33.4	1,230	52.9	1,057	51.1	163	74.2	341	14.3	276	13.1	63	25.7
35-39	1,657	35.2	1,315	56.7	1,089	52.3	218	108.3	342	14.3	267	12.6	71	30.2
40-44	1,297	29.7	1,024	47.6	783	40.2	237	137.5	273	12.3	209	10.5	61	29.8
45-49	958	25.9	729	40.5	560	34.1	163	121.0	229	12.1	186	10.9	39	23.2
50-54	697	22.7	525	35.5	415	30.7	107	99.0	172	10.8	144	10.0	22	15.6
55-59	670	24.2	446	34.1	369	30.7	74	78.2	224	15.3	191	14.5	28	22.0
60-64	792	28.3	539	41.8	457	38.3	80	91.5	253	16.8	215	15.6	35	28.7
65-69	925	32.8	530	42.5	458	39.5	70	86.2	395	25.1	346	23.8	47	41.5
70-74	1,241	50.3	687	66.4	621	64.1	63	102.2	554	38.7	509	38.1	43	46.2
75-79	1,497	78.4	768	104.2	716	103.3	52	125.3	729	62.2	664	60.5	59	82.2
80-84	1,619	130.4	767	178.9	726	179.9	40	170.6	852	104.9	790	103.6	61	128.1
85+	2,479	244.9	987	346.1	925	345.0	60	382.2	1,492	205.2	1,405	205.2	84	207.5

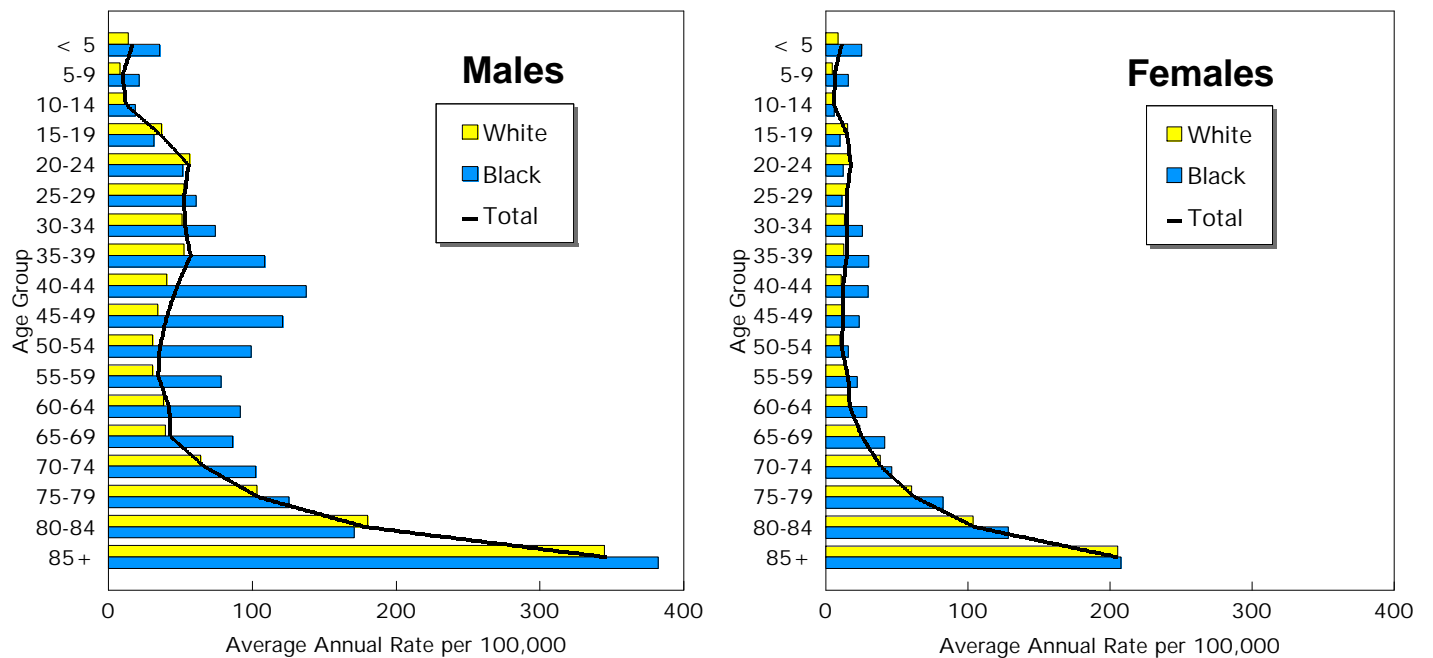
* Unknown sex included in the male category.

** Unknown race included in the white category.

*** Unknown age included in totals.

NOTE: Rates are per 100,000 population (1991-1995) for each specified group.

FIGURE 1-C
AVERAGE ANNUAL AGE-SPECIFIC DEATH RATES
BY SEX AND RACE, PENNSYLVANIA RESIDENTS, 1991-1995



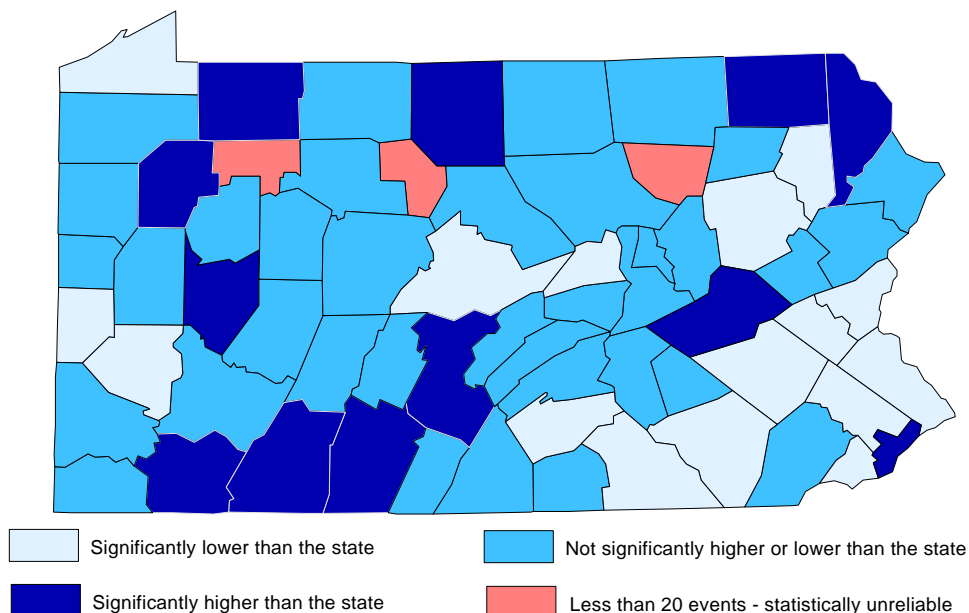
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TABLE 1-D
NUMBER OF DEATHS, AVERAGE ANNUAL AGE-ADJUSTED DEATH RATES, 95 PERCENT CONFIDENCE INTERVALS,
AND SIGNIFICANCE TEST RESULTS, BY COUNTY, PENNSYLVANIA RESIDENTS, 1991-1995

COUNTY	NUMBER	RATE	CI (95%)	COUNTY	NUMBER	RATE	CI (95%)
Adams	135	28.0	23.3-32.7	Lackawanna	322	22.5	20.0-25.0 -
Allegheny	1,860	20.6	19.7-21.5 -	Lancaster	646	23.5	21.7-25.3 -
Armstrong	157	35.9	30.3-41.5 +	Lawrence	149	24.9	20.9-28.9
Beaver	269	21.8	19.2-24.4 -	Lebanon	164	24.0	20.3-27.7
Bedford	109	39.5	32.1-46.9 +	Lehigh	426	21.3	19.3-23.3 -
Berks	560	24.6	22.6-26.6 -	Luzerne	500	23.7	21.6-25.8 -
Blair	243	29.2	25.5-32.9	Lycoming	215	27.2	23.6-30.8
Bradford	108	31.7	25.7-37.7	McKean	95	30.9	24.7-37.1
Bucks	723	21.7	20.1-23.3 -	Mercer	251	30.5	26.7-34.3
Butler	245	25.5	22.3-28.7	Mifflin	92	33.3	26.5-40.1
Cambria	286	25.1	22.2-28.0	Monroe	190	31.2	26.8-35.6
Cameron	13	42.9		Montgomery	963	20.3	19.0-21.6 -
Carbon	111	31.9	26.0-37.8	Montour	30	24.8	15.9-33.7
Centre	133	18.1	15.0-21.2 -	Northampton	326	19.8	17.7-21.9 -
Chester	561	25.1	23.0-27.2	Northumberland	182	30.6	26.2-35.0
Clarion	65	26.5	20.1-32.9	Perry	71	31.8	24.4-39.2
Clearfield	142	30.6	25.6-35.6	Philadelphia	4,079	46.0	44.6-47.4 +
Clinton	66	27.7	21.0-34.4	Pike	56	30.4	22.4-38.4
Columbia	89	23.9	18.9-28.9	Potter	41	42.8	29.7-55.9 +
Crawford	168	31.5	26.7-36.3	Schuylkill	366	38.1	34.2-42.0 +
Cumberland	269	20.0	17.6-22.4 -	Snyder	71	34.0	26.1-41.9
Dauphin	376	25.6	23.0-28.2	Somerset	164	32.8	27.8-37.8 +
Delaware	720	18.5	17.1-19.9 -	Sullivan	18	44.9	
Elk	80	35.2	27.5-42.9	Susquehanna	98	44.2	35.4-53.0 +
Erie	435	24.7	22.4-27.0 -	Tioga	80	33.5	26.2-40.8
Fayette	318	37.1	33.0-41.2 +	Union	47	18.5	13.2-23.8 -
Forest	13	40.3		Venango	133	38.8	32.2-45.4 +
Franklin	232	30.1	26.2-34.0	Warren	95	38.0	30.4-45.6 +
Fulton	31	38.6	25.0-52.2	Washington	390	28.9	26.0-31.8
Greene	82	33.8	26.5-41.1	Wayne	86	36.0	28.4-43.6 +
Huntingdon	115	44.1	36.0-52.2 +	Westmoreland	632	25.6	23.6-27.6
Indiana	176	31.3	26.7-35.9	Wyoming	56	33.3	24.6-42.0
Jefferson	86	26.9	21.2-32.6	York	547	24.3	22.3-26.3 -
Juniata	45	37.0	26.2-47.8				
				Pennsylvania	20,602	27.4	27.0-27.8

NOTE: A + or - after the confidence interval (CI) denotes if the county rate was higher or lower than the state rate.
 No + or - after a CI denotes no significant difference. CIs and testing results were not calculated and shown
 for rates based on less than 20 events. See Technical Notes.

FIGURE 1-D
AVERAGE ANNUAL AGE-ADJUSTED DEATH RATES AND SIGNIFICANCE TEST RESULTS, BY COUNTY
PENNSYLVANIA RESIDENTS, 1991-1995



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TABLE 1-E
NUMBER OF DEATHS, TOTAL AND BY SELECTED AGE GROUPS, BY COUNTY
PENNSYLVANIA RESIDENTS, 1991-1995

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	20,602	2,255	10,582	7,761					
Adams	135	24	68	43	Juniata	45	10	19	16
Allegheny	1,860	138	910	812	Lackawanna	322	35	144	143
Armstrong	157	22	79	56	Lancaster	646	81	314	250
Beaver	269	27	118	124	Lawrence	149	22	69	58
Bedford	109	12	62	35	Lebanon	164	21	88	55
Berks	560	59	255	246	Lehigh	426	58	164	204
Blair	243	33	114	96	Luzerne	500	40	252	208
Bradford	108	29	48	31	Lycoming	215	24	99	92
Bucks	723	59	402	262	McKean	95	9	49	37
Butler	245	33	136	76	Mercer	251	30	108	113
Cambria	286	19	125	142	Mifflin	92	15	41	36
Cameron	13	2	8	3	Monroe	190	24	110	56
Carbon	111	16	49	46	Montgomery	963	84	436	443
Centre	133	15	71	47	Montour	30	2	13	15
Chester	561	71	313	177	Northampton	326	40	150	136
Clarion	65	16	29	20	Northumberland	182	26	80	76
Clearfield	142	22	72	48	Perry	71	16	38	17
Clinton	66	8	31	27	Philadelphia	4,079	370	2,613	1,094
Columbia	89	10	54	25	Pike	56	10	30	16
Crawford	168	25	85	58	Potter	41	7	21	13
Cumberland	269	27	127	115	Schuylkill	366	36	181	149
Dauphin	376	49	190	136	Snyder	71	10	42	19
Delaware	720	78	289	353	Somerset	164	18	77	69
Elk	80	8	38	34	Sullivan	18	2	9	7
Erie	435	60	199	176	Susquehanna	98	18	53	27
Fayette	318	31	182	105	Tioga	80	17	42	21
Forest	13	1	6	6	Union	47	6	20	21
Franklin	232	27	117	88	Venango	133	25	63	45
Fulton	31	5	14	12	Warren	95	15	52	28
Greene	82	11	40	31	Washington	390	48	172	170
Huntingdon	115	18	57	40	Wayne	86	16	44	26
Indiana	176	25	86	65	Westmoreland	632	58	296	278
Jefferson	86	9	38	39	Wyoming	56	7	31	18
					York	547	66	250	231

* Unknown age included in total.