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Table A-1
Population* in Pennsylvania, 1950-2008

Year	Population	Year	Population	Year	Population
2008	12,448,279	1988	12,002,236	1968	11,755,400
2007	12,432,792	1987	11,936,396	1967	11,646,000
2006	12,440,621	1986	11,889,165	1966	11,637,900
2005	12,429,616	1985	11,863,672	1965	11,535,200
2004	12,406,292	1984	11,900,701	1964	11,459,000
2003	12,365,455	1983	11,894,700	1963	11,424,000
2002	12,335,091	1982	11,885,330	1962	11,376,000
2001	12,287,150	1981	11,870,960	1961	11,468,000
2000	12,281,054	1980	11,863,895	1960	11,319,366
1999	11,994,016	1979	11,730,500	1959	11,323,000
1998	12,001,451	1978	11,749,900	1958	11,101,000
1997	12,019,661	1977	11,785,200	1957	11,166,000
1996	12,056,112	1976	11,862,000	1956	11,132,000
1995	12,071,842	1975	11,828,200	1955	11,132,000
1994	12,052,410	1974	11,835,400	1954	10,895,800
1993	12,030,079	1973	11,902,000	1953	10,829,100
1992	11,995,405	1972	11,926,000	1952	10,733,700
1991	11,961,070	1971	11,879,000	1951	10,594,900
1990	11,881,643	1970	11,793,909	1950	10,498,012
1989	12,040,102	1969	11,803,000		

* 1950, 1960, 1970, 1980, 1990 and 2000 populations as enumerated by the U.S. Bureau of the Census. The 1981 through 1989, 1991 through 1999, 2001 through 2008 estimated populations as prepared by the State Data Center of the Pennsylvania State University at Harrisburg. Estimated populations for all other years as prepared by the Pennsylvania Office of State Planning and Development.

Figure A-1
Population, Percent by Age Group
Pennsylvania, 1950, 1960, 1970, 1980, 1990, 2000, and 2008

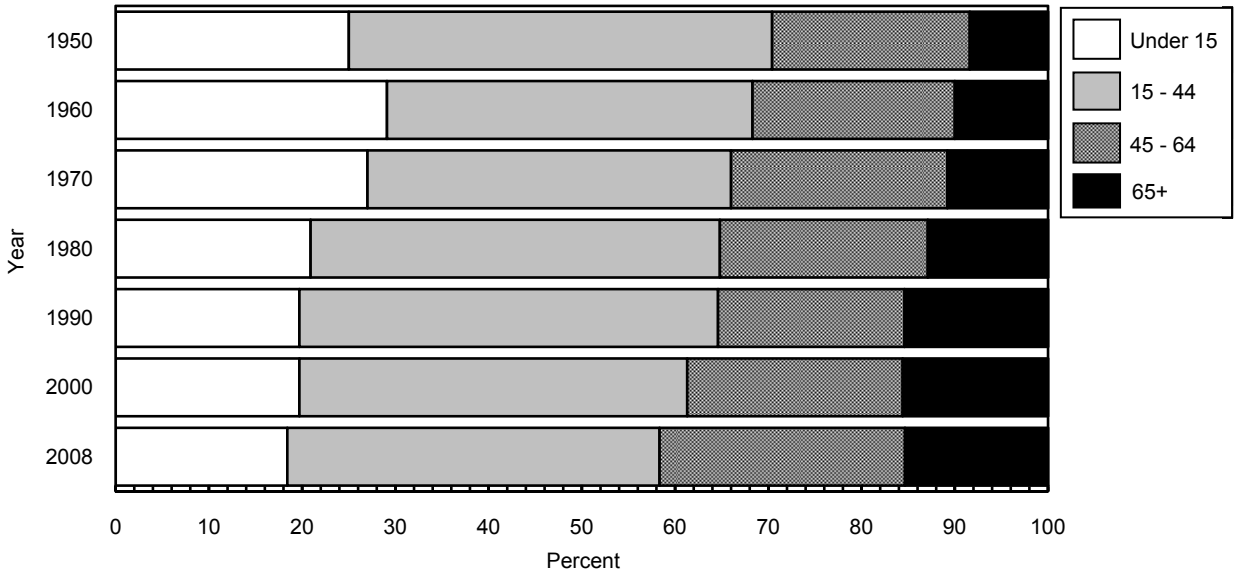


Table A-2
Population by Age, Race, and Hispanic Origin
Pennsylvania, 2008

Age Group (In Years)	Race				Hispanic Origin
	All Races	White	Black	Asian/ Pacific Islander	
All Ages	12,448,279	10,665,941	1,336,823	290,435	593,986
Under 1 Year	150,344	122,635	21,161	5,002	14,162
1 - 4	586,858	473,031	81,068	18,535	53,822
5 - 9	755,144	613,466	101,231	19,958	60,344
10 - 14	798,512	652,381	108,796	18,119	56,000
15 - 19	922,818	761,172	122,074	21,744	59,001
20 - 24	886,249	727,670	120,276	23,460	52,746
25 - 29	739,045	604,384	102,045	21,624	48,699
30 - 34	744,902	618,432	90,268	27,102	45,667
35 - 39	801,978	678,233	88,427	27,228	44,853
40 - 44	875,124	753,330	90,081	24,177	39,233
45 - 49	913,658	798,553	88,320	19,805	34,175
50 - 54	887,807	785,846	79,029	16,709	25,170
55 - 59	801,161	716,231	65,441	14,270	19,550
60 - 64	674,092	607,744	50,961	11,353	13,362
65 - 69	530,244	483,488	36,327	7,912	9,313
70 - 74	443,052	405,133	30,430	5,607	6,635
75 - 79	369,148	340,186	23,916	3,593	4,796
80 - 84	284,162	262,229	18,388	2,295	3,123
85 and Over	283,981	261,797	18,584	1,942	3,335

Source: 2008 population are estimates prepared by the State Data Center of the Pennsylvania State University at Harrisburg.

Notes: Hispanic origin can be of any race. See Technical Notes for more information on racial categories.

Table A-3
Population by Age and Sex: Pennsylvania, 2000 and 2008

Age Group (In Years)	Both Sexes 2008 Estimated Population	Both Sexes 2000 Enumerated Population	Male 2008 Estimated Population	Male 2000 Enumerated Population	Female 2008 Estimated Population	Female 2000 Enumerated Population
All Ages	12,448,279	12,281,054	6,050,483	5,929,663	6,397,796	6,351,391
Under 1 Year	150,344	141,431	76,843	72,267	73,501	69,164
1 - 4	586,858	586,373	300,361	300,181	286,497	286,192
5 - 9	755,144	827,945	386,241	424,244	368,903	403,701
10 - 14	798,512	863,849	407,844	443,602	390,668	420,247
15 - 19	922,818	850,986	464,445	433,692	458,373	417,294
20 - 24	886,249	746,086	450,262	372,883	435,987	373,203
25 - 29	739,045	732,701	378,094	366,302	360,951	366,399
30 - 34	744,902	827,785	375,941	410,504	368,961	417,281
35 - 39	801,978	951,400	399,635	468,805	402,343	482,595
40 - 44	875,124	996,676	433,653	492,309	441,471	504,367
45 - 49	913,658	908,650	450,663	448,805	462,995	459,845
50 - 54	887,807	796,382	434,749	389,762	453,058	406,620
55 - 59	801,161	619,969	387,904	297,574	413,257	322,395
60 - 64	674,092	511,656	321,145	241,186	352,947	270,470
65 - 69	530,244	480,656	243,458	218,129	286,786	262,527
70 - 74	443,052	488,616	193,821	211,385	249,231	277,231
75 - 79	369,148	422,311	150,422	169,078	218,726	253,233
80 - 84	284,162	290,015	107,169	103,305	176,993	186,710
85 and Over	283,981	237,567	87,833	65,650	196,148	171,917

Source: 2000 population enumerated by the U.S. Bureau of the Census.
2008 population are estimates prepared by the State Data Center of the Pennsylvania State University at Harrisburg.

Figure A-2
Population by Age and Sex
Pennsylvania, 2008

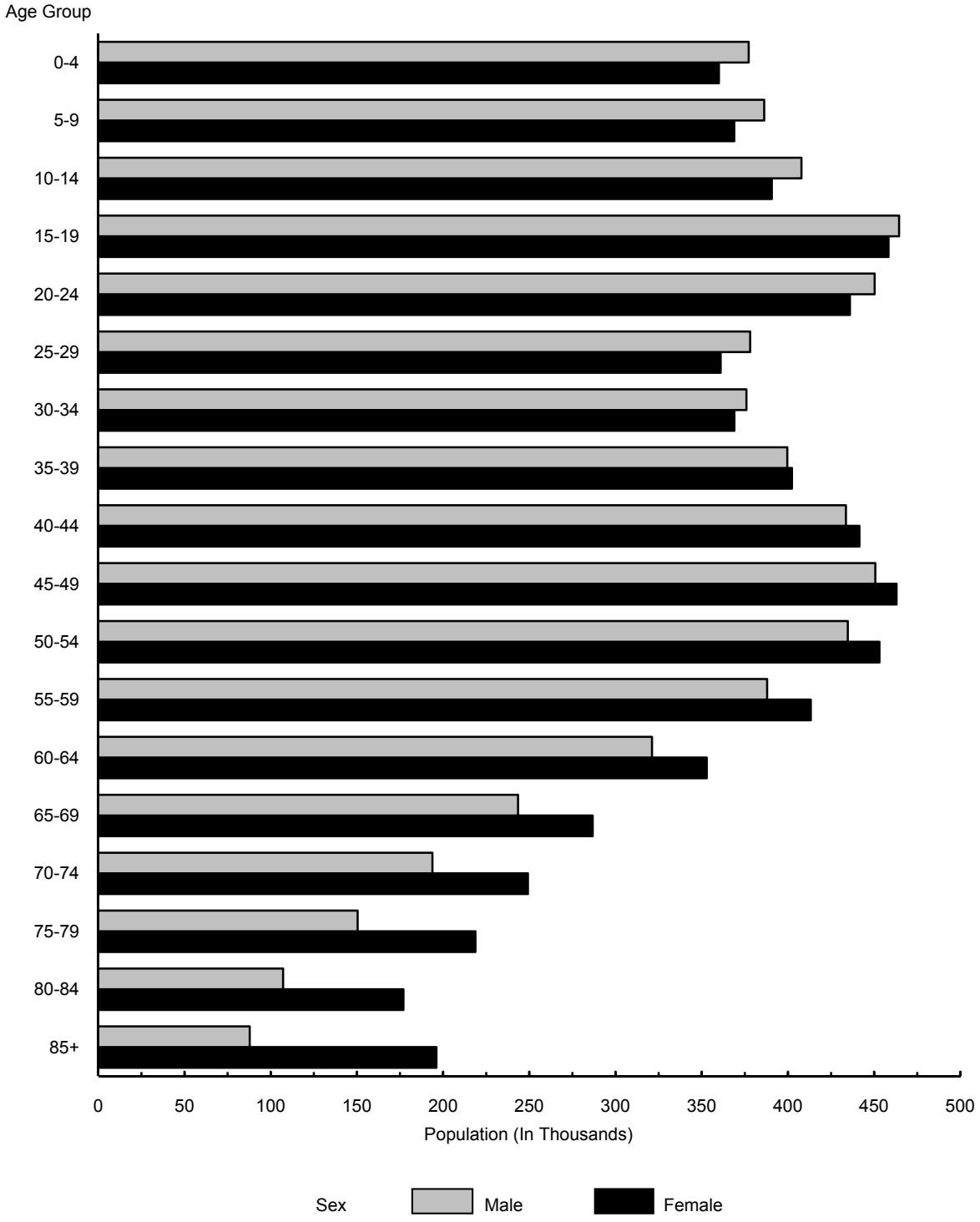


Table A-4

Population by County: Pennsylvania, 2000 and 2008

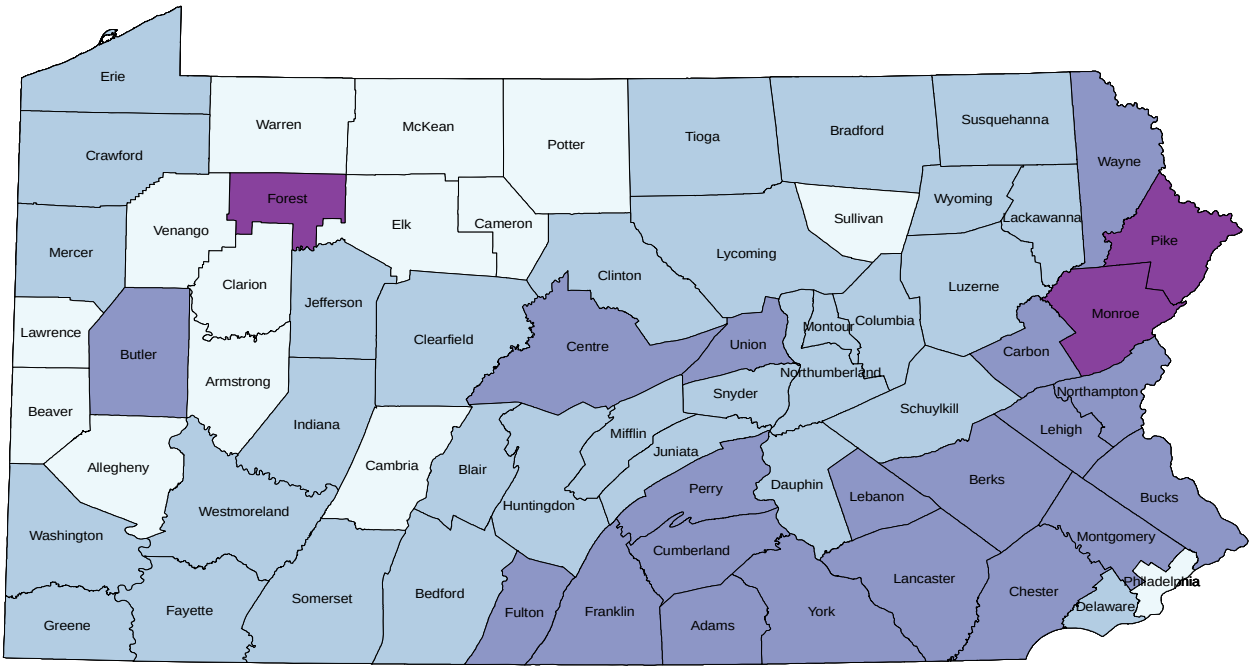
County	2008 Estimated Population	2000 Enumerated Population	Percent Change 2000-2008	County	2008 Estimated Population	2000 Enumerated Population	Percent Change 2000-2008
All Counties	12,448,279	12,281,054	1.4				
Adams	101,119	91,292	10.8	Lackawanna	209,408	213,295	-1.8
Allegheny	1,215,103	1,281,666	-5.2	Lancaster	502,370	470,658	6.7
Armstrong	68,790	72,392	-5.0	Lawrence	90,272	94,643	-4.6
Beaver	172,476	181,412	-4.9	Lebanon	128,934	120,327	7.2
Bedford	49,727	49,984	-0.5	Lehigh	339,989	312,090	8.9
Berks	403,595	373,638	8.0	Luzerne	311,983	319,250	-2.3
Blair	125,174	129,144	-3.1	Lycoming	116,670	120,044	-2.8
Bradford	61,233	62,761	-2.4	McKean	43,537	45,936	-5.2
Bucks	621,643	597,635	4.0	Mercer	116,652	120,293	-3.0
Butler	182,902	174,083	5.1	Mifflin	46,062	46,486	-0.9
Cambria	144,319	152,598	-5.4	Monroe	165,058	138,687	19.0
Cameron	5,266	5,974	-11.9	Montgomery	778,048	750,097	3.7
Carbon	63,558	58,802	8.1	Montour	17,705	18,236	-2.9
Centre	144,779	135,758	6.6	Northampton	294,787	267,066	10.4
Chester	491,489	433,501	13.4	Northumberland	91,091	94,556	-3.7
Clarion	39,989	41,765	-4.3	Perry	45,185	43,602	3.6
Clearfield	82,896	83,382	-0.6	Philadelphia	1,447,395	1,517,550	-4.6
Clinton	37,038	37,914	-2.3	Pike	59,664	46,302	28.9
Columbia	65,004	64,151	1.3	Potter	16,720	18,080	-7.5
Crawford	88,411	90,366	-2.2	Schuylkill	147,254	150,336	-2.1
Cumberland	229,361	213,674	7.3	Snyder	38,074	37,546	1.4
Dauphin	256,562	251,798	1.9	Somerset	77,454	80,023	-3.2
Delaware	553,619	550,864	0.5	Sullivan	6,124	6,556	-6.6
Elk	32,268	35,112	-8.1	Susquehanna	40,831	42,238	-3.3
Erie	279,175	280,843	-0.6	Tioga	40,574	41,373	-1.9
Fayette	143,925	148,644	-3.2	Union	43,640	41,624	4.8
Forest	6,825	4,946	38.0	Venango	54,423	57,565	-5.5
Franklin	143,495	129,313	11.0	Warren	40,728	43,863	-7.1
Fulton	14,935	14,261	4.7	Washington	206,407	202,897	1.7
Greene	39,344	40,672	-3.3	Wayne	52,016	47,722	9.0
Huntingdon	45,543	45,586	-0.1	Westmoreland	361,589	369,993	-2.3
Indiana	87,479	89,605	-2.4	Wyoming	27,759	28,080	-1.1
Jefferson	45,105	45,932	-1.8	York	424,583	381,751	11.2
Juniata	23,146	22,821	1.4				

Source: 2000 population enumerated by the U.S. Bureau of the Census.
2008 population are estimates prepared by the State Data Center of the Pennsylvania State University at Harrisburg.

Figure A-3

Percent Population Change by County
Pennsylvania, 2000 to 2008

State Percent = 1.4



Percent Change

-11.9 to -4.0 | -3.9 to 2.8 | 2.9 to 13.6 | 13.7 to 38.0

Table A-5A

Total Population by Age and County: Pennsylvania, 2008

County	All Ages	Under 1	1 - 4	5 - 9	10 - 14	15 - 17	18 - 19	20 - 24	25 - 29
	Age Group (In Years)								
All Counties	12,448,279	150,344	586,858	755,144	798,512	532,834	389,984	886,249	739,045
Adams	101,119	1,161	4,609	6,225	6,949	4,675	3,402	7,212	5,584
Allegheny	1,215,103	13,510	52,052	67,856	72,799	49,959	37,634	83,582	71,558
Armstrong	68,790	757	3,110	4,208	4,491	2,686	1,665	3,391	3,369
Beaver	172,476	1,807	7,086	9,446	10,540	6,937	4,368	10,141	9,235
Bedford	49,727	566	2,206	3,058	3,270	1,990	1,095	2,348	2,862
Berks	403,595	5,281	21,704	27,785	27,555	17,750	13,150	27,334	23,100
Blair	125,174	1,533	5,704	7,301	7,603	5,023	3,806	7,811	7,400
Bradford	61,233	729	2,873	3,729	4,146	2,741	1,376	3,411	3,351
Bucks	621,643	7,055	29,167	39,801	43,396	25,424	15,564	31,923	34,929
Butler	182,902	2,068	8,711	11,725	12,227	8,236	5,718	11,726	9,702
Cambria	144,319	1,518	5,871	7,561	8,092	5,635	4,414	9,535	7,946
Cameron	5,266	66	216	311	320	206	128	274	285
Carbon	63,558	688	2,505	3,188	3,472	2,323	1,686	4,843	4,100
Centre	144,779	1,231	4,951	6,118	6,446	6,064	13,842	31,111	5,951
Chester	491,489	6,142	26,319	34,116	34,490	23,263	13,818	32,403	27,782
Clarion	39,989	386	1,623	2,156	2,311	1,663	2,305	4,199	1,662
Clearfield	82,896	832	3,232	4,362	4,761	2,996	1,827	4,863	4,846
Clinton	37,038	437	1,687	2,124	2,182	1,660	1,931	3,536	1,756
Columbia	65,004	631	2,593	3,332	3,485	3,014	3,944	7,554	3,300
Crawford	88,411	1,013	4,245	5,529	5,775	4,130	2,905	5,810	4,830
Cumberland	229,361	2,580	9,752	12,481	13,097	10,469	9,799	20,001	13,667
Dauphin	256,562	3,648	13,347	16,500	17,116	10,546	5,725	14,942	15,750
Delaware	553,619	6,932	27,359	34,818	36,342	24,835	19,266	40,815	33,428
Elk	32,268	309	1,309	1,822	2,113	1,430	694	1,589	1,595
Erie	279,175	3,474	13,156	17,074	18,308	12,731	9,875	22,792	17,155
Fayette	143,925	1,441	5,999	8,229	9,167	5,658	3,307	7,777	7,809
Forest	6,825	48	170	197	193	198	426	832	671
Franklin	143,495	2,095	7,587	9,519	9,059	5,590	3,960	9,062	8,356
Fulton	14,935	186	640	834	956	675	369	875	962
Greene	39,344	381	1,491	2,040	2,091	1,559	1,297	2,826	2,336
Huntingdon	45,543	490	1,804	2,373	2,583	1,840	1,370	3,248	2,963
Indiana	87,479	849	3,494	4,519	4,847	4,046	5,091	11,036	3,057
Jefferson	45,105	507	2,017	2,607	2,771	1,767	1,234	2,465	2,705
Juniata	23,146	277	1,101	1,437	1,749	977	554	1,364	1,324
Lackawanna	209,408	2,413	9,066	11,526	12,198	8,501	6,805	14,504	12,999
Lancaster	502,370	7,112	27,238	33,812	35,623	23,271	15,950	35,958	30,767
Lawrence	90,272	973	3,872	5,262	5,829	3,850	2,874	5,817	4,536
Lebanon	128,934	1,613	6,269	7,720	7,943	5,077	3,732	9,209	7,954
Lehigh	339,989	4,390	16,756	20,673	23,686	14,585	9,544	24,382	19,785
Luzerne	311,983	3,326	12,867	16,553	17,531	12,073	9,161	21,324	18,582
Lycoming	116,670	1,224	5,135	6,510	7,002	4,873	3,773	8,592	6,944
McKean	43,537	456	1,803	2,346	2,737	2,058	1,412	2,350	2,684
Mercer	116,652	1,169	5,151	7,028	7,556	5,450	3,766	8,137	5,738
Mifflin	46,062	609	2,435	3,099	3,033	1,914	988	2,573	2,567
Monroe	165,058	1,705	7,370	10,625	12,087	8,641	5,598	12,483	9,010
Montgomery	778,048	9,465	39,010	50,238	51,958	30,614	19,017	43,761	47,374
Montour	17,705	234	798	1,027	1,105	726	490	798	1,030
Northampton	294,787	3,372	13,908	18,262	19,327	13,742	10,720	21,896	16,092
Northumberland	91,091	1,045	4,005	5,069	5,362	3,838	1,872	4,588	4,985
Perry	45,185	538	2,307	2,969	3,192	1,928	1,194	2,734	2,606
Philadelphia	1,447,395	22,240	78,945	93,999	95,574	65,303	52,665	134,464	107,135
Pike	59,664	541	1,964	3,237	4,246	2,634	1,433	2,994	3,301
Potter	16,720	191	803	1,089	1,160	730	414	1,006	857
Schuylkill	147,254	1,505	5,910	7,612	8,396	5,703	3,168	8,962	8,941
Snyder	38,074	455	1,799	2,244	2,324	1,820	1,661	3,706	2,203
Somerset	77,454	737	2,976	4,052	4,519	2,920	1,547	4,318	4,683
Sullivan	6,124	65	206	273	305	390	234	335	249
Susquehanna	40,831	433	1,554	2,265	2,719	1,903	924	2,437	2,240
Tioga	40,574	512	1,707	2,422	2,723	2,036	1,609	3,210	1,767
Union	43,640	353	1,533	1,890	2,130	1,771	2,401	4,359	2,734
Venango	54,423	612	2,471	3,273	3,591	2,353	1,251	2,707	2,943
Warren	40,728	434	1,663	2,355	2,642	1,760	856	1,930	2,224
Washington	206,407	2,202	8,990	12,102	12,373	8,247	5,918	13,747	11,705
Wayne	52,016	476	1,965	2,681	2,940	1,901	1,266	3,120	2,827
Westmoreland	361,589	3,509	14,490	19,829	21,372	14,819	8,364	20,372	19,042
Wyoming	27,759	334	1,349	1,817	1,875	1,309	1,046	1,604	1,513
York	424,583	5,473	20,853	26,904	28,752	17,398	10,786	25,241	25,702

Source: 2008 population are estimates prepared by the State Data Center of the Pennsylvania State University at Harrisburg.

Table A-5A (Continued)

Total Population by Age and County: Pennsylvania, 2008

	Age Group (In Years)								
County	30 - 34	35 - 39	40 - 44	45 - 49	50 - 54	55 - 64	65 - 74	75 - 84	85+
All Counties	744,902	801,978	875,124	913,658	887,807	1,475,253	973,296	653,310	283,981
Adams	6,053	6,490	7,306	7,661	7,187	12,016	8,194	4,614	1,781
Allegheny	70,821	75,548	84,147	91,128	90,427	149,375	96,664	73,418	34,625
Armstrong	3,794	4,213	4,767	5,261	5,150	9,015	6,706	4,386	1,821
Beaver	9,378	10,356	12,037	13,379	13,574	22,515	15,508	11,410	4,759
Bedford	3,116	3,306	3,556	3,607	3,531	6,409	4,705	2,938	1,164
Berks	24,291	26,657	28,733	29,670	27,609	45,499	29,705	19,758	8,014
Blair	7,370	7,674	8,296	9,052	9,132	15,822	10,927	7,764	2,956
Bradford	3,580	3,763	4,278	4,564	4,448	7,702	5,708	3,493	1,341
Bucks	36,973	43,655	49,554	51,496	49,113	77,160	47,399	28,044	10,990
Butler	10,820	12,136	13,493	14,077	13,608	21,884	13,823	8,614	4,334
Cambria	8,075	8,842	9,979	10,533	10,756	18,642	12,750	9,720	4,450
Cameron	256	299	326	341	374	823	483	360	198
Carbon	3,552	3,752	4,373	5,025	4,681	8,515	5,894	3,569	1,392
Centre	6,797	7,484	8,552	8,315	8,035	13,376	9,291	5,302	1,913
Chester	29,742	34,093	37,790	38,752	36,700	54,955	34,682	19,428	7,014
Clarion	1,896	2,171	2,485	2,682	2,716	4,773	3,752	2,327	882
Clearfield	5,297	5,598	6,375	6,495	6,202	10,480	7,749	5,000	1,981
Clinton	1,888	2,057	2,280	2,468	2,445	4,301	3,278	2,154	854
Columbia	3,285	3,509	3,856	4,194	4,274	7,427	5,593	3,593	1,420
Crawford	4,942	5,177	5,796	6,241	6,328	11,271	7,798	4,723	1,898
Cumberland	13,210	14,002	15,901	16,365	15,833	26,782	18,756	11,929	4,737
Dauphin	15,333	16,965	19,317	20,391	20,013	31,828	17,948	11,833	5,360
Delaware	32,861	35,103	39,334	41,074	39,498	63,636	37,778	28,054	12,486
Elk	1,768	2,087	2,464	2,579	2,456	4,060	2,979	2,099	915
Erie	17,184	17,643	18,781	19,793	19,194	31,758	20,462	14,006	5,789
Fayette	8,590	9,208	10,123	10,808	11,083	19,361	12,468	8,855	4,042
Forest	468	437	428	390	343	876	653	346	149
Franklin	8,824	9,376	9,304	9,636	9,266	17,704	12,653	7,914	3,590
Fulton	880	982	1,035	1,075	1,006	1,964	1,439	754	303
Greene	2,615	2,660	2,800	2,976	3,049	5,219	3,014	2,078	912
Huntingdon	3,054	3,087	3,312	3,339	3,258	5,545	4,065	2,338	874
Indiana	4,168	4,799	5,443	5,617	5,925	10,450	7,320	4,560	2,258
Jefferson	2,600	2,725	3,018	3,328	3,322	5,722	4,343	2,879	1,095
Juniata	1,308	1,404	1,600	1,615	1,610	2,841	2,181	1,293	511
Lackawanna	12,325	12,775	13,826	14,732	14,692	25,367	18,369	13,406	5,904
Lancaster	29,397	31,496	33,771	35,159	33,721	55,244	38,831	24,630	10,390
Lawrence	4,739	5,496	5,988	6,557	6,525	11,287	8,061	5,915	2,691
Lebanon	7,875	7,933	8,419	9,072	8,876	15,704	11,085	7,468	2,985
Lehigh	20,168	21,419	23,731	24,488	23,948	40,451	27,487	17,125	7,371
Luzerne	18,098	19,883	21,845	22,799	22,544	38,529	27,639	20,402	8,827
Lycoming	6,978	7,345	7,791	8,448	8,380	14,342	10,058	6,659	2,616
McKean	2,927	2,897	3,160	3,256	3,039	4,980	3,775	2,631	1,026
Mercer	6,142	6,985	7,652	8,397	8,339	14,352	10,252	7,557	2,981
Mifflin	2,574	2,745	3,200	3,185	3,085	5,637	4,489	2,893	1,036
Monroe	8,713	10,872	12,802	13,113	12,151	20,092	12,087	5,596	2,113
Montgomery	49,501	54,364	59,442	60,230	56,496	90,760	58,909	41,120	15,789
Montour	949	1,059	1,172	1,328	1,401	2,327	1,709	1,178	374
Northampton	17,853	19,403	20,542	20,843	20,610	35,200	22,373	14,288	6,356
Northumberland	5,451	5,889	6,543	6,732	6,839	11,768	8,578	5,951	2,576
Perry	2,687	3,129	3,295	3,403	3,432	5,915	3,450	1,661	745
Philadelphia	96,052	93,526	94,488	94,050	88,706	144,284	88,137	63,069	34,758
Pike	3,352	3,949	4,471	4,859	4,856	8,873	5,297	2,631	1,026
Potter	859	984	1,035	1,132	1,224	2,181	1,624	1,000	431
Schuylkill	9,355	10,317	11,138	11,296	10,794	17,461	12,769	9,754	4,173
Snyder	2,231	2,342	2,447	2,628	2,550	4,335	2,764	1,770	795
Somerset	4,975	5,300	5,517	5,833	5,754	9,657	7,075	5,207	2,384
Sullivan	290	295	366	414	442	793	779	490	198
Susquehanna	2,139	2,276	2,767	3,098	3,423	5,932	3,546	2,182	993
Tioga	1,982	2,198	2,462	2,783	2,773	5,172	3,752	2,294	1,172
Union	3,229	3,285	3,230	3,171	2,737	4,528	3,297	2,125	867
Venango	3,271	3,281	3,667	4,018	4,168	7,334	4,947	3,233	1,303
Warren	2,323	2,430	2,766	3,125	3,233	5,555	3,919	2,563	950
Washington	11,913	12,866	13,883	14,990	15,326	26,497	18,199	12,409	5,040
Wayne	2,690	2,931	3,270	4,109	4,034	8,290	5,219	3,074	1,223
Westmoreland	20,565	23,183	25,357	27,571	27,999	48,356	33,876	23,648	9,237
Wyoming	1,504	1,774	1,896	1,982	2,014	3,596	2,390	1,306	450
York	27,006	30,093	32,346	32,930	31,550	50,748	31,886	18,522	8,393

Source: 2008 population are estimates prepared by the State Data Center of the Pennsylvania State University at Harrisburg.

Table A-5B

Male Population by Age and County: Pennsylvania, 2008

County	Age of Male (In Years)								
	All Ages	Under 1	1 - 4	5 - 9	10 - 14	15 - 17	18 - 19	20 - 24	25 - 29
All Counties	6,050,483	76,843	300,361	386,241	407,844	270,539	193,906	450,262	378,094
Adams	50,380	574	2,367	3,198	3,638	2,417	1,713	3,803	2,928
Allegheny	578,377	6,860	26,640	34,652	36,981	25,127	19,050	42,631	36,232
Armstrong	33,411	361	1,583	2,115	2,345	1,392	817	1,729	1,686
Beaver	82,343	953	3,618	4,841	5,384	3,512	2,265	5,114	4,530
Bedford	24,522	298	1,159	1,602	1,703	1,012	578	1,173	1,430
Berks	197,554	2,751	11,024	14,062	13,870	8,759	6,477	13,538	11,504
Blair	60,401	813	2,943	3,787	3,929	2,590	1,929	3,969	3,738
Bradford	29,585	348	1,473	1,887	2,144	1,380	731	1,678	1,646
Bucks	306,426	3,688	14,749	20,110	21,973	12,848	7,928	16,379	18,009
Butler	89,472	1,035	4,414	5,899	6,259	4,276	2,733	5,882	5,017
Cambria	71,117	791	3,005	3,857	4,188	2,892	2,200	4,870	4,201
Cameron	2,552	33	102	140	157	107	67	139	131
Carbon	30,438	322	1,277	1,609	1,736	1,154	815	2,408	2,028
Centre	73,887	636	2,539	3,163	3,267	3,109	6,640	16,685	3,452
Chester	243,884	3,127	13,706	17,895	17,977	11,952	6,664	16,422	14,420
Clarion	19,198	207	780	1,043	1,135	848	944	1,997	844
Clearfield	42,513	431	1,583	2,146	2,421	1,538	1,015	2,869	2,701
Clinton	17,868	221	868	1,079	1,112	821	862	1,752	916
Columbia	30,755	355	1,346	1,754	1,817	1,438	1,616	3,369	1,702
Crawford	41,582	509	2,061	2,665	2,959	2,008	1,444	2,745	2,252
Cumberland	112,835	1,315	4,957	6,284	6,512	5,223	4,413	10,312	7,501
Dauphin	122,021	1,905	6,903	8,539	8,617	5,317	2,899	7,177	7,666
Delaware	266,252	3,514	13,860	17,607	18,481	12,621	9,827	21,047	16,814
Elk	15,839	149	670	924	1,057	758	369	845	810
Erie	136,265	1,781	6,720	8,765	9,386	6,468	4,765	11,714	8,767
Fayette	70,483	709	3,191	4,372	4,859	3,037	1,739	4,098	4,047
Forest	4,702	24	95	110	107	144	389	705	587
Franklin	69,631	1,034	3,931	4,863	4,704	2,915	1,943	4,574	4,337
Fulton	7,437	99	333	420	461	337	198	458	528
Greene	20,627	208	836	1,130	1,111	801	657	1,511	1,356
Huntingdon	24,086	250	906	1,193	1,329	936	688	1,780	1,910
Indiana	41,952	433	1,795	2,328	2,487	2,131	2,283	5,059	1,589
Jefferson	22,094	268	1,059	1,385	1,426	917	667	1,293	1,383
Juniata	11,375	129	553	723	901	501	304	717	673
Lackawanna	99,322	1,197	4,697	5,864	6,202	4,157	3,181	7,332	6,531
Lancaster	244,556	3,605	14,041	17,400	17,962	11,471	7,592	17,978	15,647
Lawrence	43,021	494	1,949	2,679	2,955	1,930	1,451	2,836	2,254
Lebanon	63,435	850	3,239	4,013	4,141	2,617	1,800	4,876	4,257
Lehigh	165,556	2,161	8,394	10,200	11,928	7,195	4,885	12,690	10,177
Luzerne	152,270	1,717	6,642	8,568	9,026	6,115	4,564	10,993	9,674
Lycoming	56,830	640	2,625	3,358	3,635	2,594	2,121	4,585	3,561
McKean	22,284	228	930	1,216	1,363	1,071	773	1,237	1,492
Mercer	56,412	586	2,578	3,534	3,888	2,913	1,864	4,074	2,767
Mifflin	22,336	336	1,261	1,609	1,516	969	504	1,299	1,286
Monroe	81,235	869	3,889	5,584	6,256	4,461	2,737	6,249	4,554
Montgomery	382,100	4,936	20,029	25,969	26,754	15,867	9,819	22,202	24,430
Montour	8,260	111	408	506	543	370	268	389	454
Northampton	145,342	1,748	7,178	9,443	10,096	7,075	5,596	11,789	8,333
Northumberland	45,662	542	2,083	2,624	2,855	2,044	965	2,586	2,760
Perry	22,472	280	1,238	1,574	1,621	999	621	1,378	1,316
Philadelphia	675,286	11,297	40,221	47,974	48,630	32,603	25,608	65,205	51,804
Pike	30,182	289	1,005	1,673	2,213	1,366	782	1,680	1,739
Potter	8,191	99	413	563	618	382	203	496	399
Schuylkill	76,015	779	3,068	3,972	4,277	2,915	1,676	4,916	5,315
Snyder	18,454	234	911	1,101	1,181	915	778	1,747	1,076
Somerset	39,526	363	1,522	2,058	2,254	1,461	813	2,566	2,758
Sullivan	3,076	34	100	137	147	222	150	177	113
Susquehanna	19,867	233	777	1,152	1,429	985	476	1,238	1,077
Tioga	19,329	259	838	1,199	1,360	1,045	711	1,439	895
Union	25,061	166	852	1,063	1,112	937	1,248	2,475	1,970
Venango	26,635	329	1,251	1,645	1,870	1,262	673	1,396	1,562
Warren	19,987	237	859	1,220	1,378	929	475	1,003	1,127
Washington	100,639	1,105	4,734	6,337	6,442	4,273	2,970	7,100	5,959
Wayne	26,351	260	1,000	1,346	1,499	985	659	1,664	1,561
Westmoreland	176,201	1,777	7,385	10,142	10,902	7,651	4,252	10,561	9,936
Wyoming	13,878	168	720	970	1,020	706	545	862	810
York	208,848	2,783	10,478	13,401	14,338	8,768	5,517	12,802	13,165

Source: 2008 population are estimates prepared by the State Data Center of the Pennsylvania State University at Harrisburg.

Table A-5B (Continued)

Male Population by Age and County: Pennsylvania, 2008

	Age of Male (In Years)								
County	30 - 34	35 - 39	40 - 44	45 - 49	50 - 54	55 - 64	65 - 74	75 - 84	85+
All Counties	375,941	399,635	433,653	450,663	434,749	709,049	437,279	257,591	87,833
Adams	3,018	3,218	3,631	3,859	3,635	6,005	3,831	1,910	635
Allegheny	35,438	36,850	40,577	43,876	43,244	69,721	42,012	28,118	10,368
Armstrong	1,853	2,077	2,418	2,701	2,606	4,390	2,946	1,762	630
Beaver	4,568	5,021	5,819	6,580	6,550	10,744	6,795	4,465	1,584
Bedford	1,577	1,646	1,778	1,850	1,752	3,188	2,147	1,237	392
Berks	12,382	13,377	14,641	15,045	13,773	22,070	13,649	8,041	2,591
Blair	3,694	3,797	4,070	4,474	4,457	7,606	4,880	2,917	808
Bradford	1,719	1,846	2,030	2,209	2,185	3,763	2,690	1,428	428
Bucks	18,513	21,835	24,680	25,637	24,491	37,828	22,502	11,717	3,539
Butler	5,460	6,080	6,702	6,948	6,772	10,697	6,339	3,521	1,438
Cambria	4,286	4,792	5,287	5,450	5,512	9,200	5,667	3,657	1,262
Cameron	124	138	157	169	194	434	247	147	66
Carbon	1,775	1,823	2,078	2,487	2,391	4,062	2,626	1,378	469
Centre	3,543	3,876	4,499	4,428	4,162	6,682	4,255	2,289	662
Chester	14,968	17,167	18,780	19,016	18,072	26,896	16,186	8,322	2,314
Clarion	1,028	1,159	1,249	1,322	1,340	2,330	1,742	962	268
Clearfield	2,942	3,098	3,495	3,560	3,327	5,282	3,496	1,960	649
Clinton	954	1,011	1,114	1,218	1,190	2,084	1,530	879	257
Columbia	1,663	1,744	1,865	2,009	2,102	3,583	2,500	1,443	449
Crawford	2,251	2,357	2,691	2,927	3,035	5,447	3,642	1,962	627
Cumberland	7,208	7,365	8,117	8,169	7,886	12,994	8,451	4,715	1,413
Dauphin	7,257	8,033	9,353	9,786	9,274	15,116	7,979	4,560	1,640
Delaware	16,395	17,052	18,895	19,850	18,949	30,122	16,626	10,955	3,637
Elk	870	1,033	1,206	1,337	1,260	2,048	1,390	843	270
Erie	8,704	8,799	9,385	9,811	9,382	15,295	9,220	5,636	1,667
Fayette	4,291	4,645	5,046	5,393	5,525	9,443	5,468	3,386	1,234
Forest	390	350	320	280	219	441	325	161	55
Franklin	4,121	4,451	4,513	4,660	4,542	8,809	5,795	3,197	1,242
Fulton	454	512	500	564	509	953	680	323	108
Greene	1,481	1,466	1,532	1,659	1,632	2,724	1,437	815	271
Huntingdon	1,870	1,787	1,894	1,848	1,761	2,841	1,900	930	263
Indiana	2,040	2,319	2,688	2,816	2,939	5,148	3,261	1,726	910
Jefferson	1,304	1,363	1,529	1,653	1,640	2,738	1,936	1,170	363
Juniata	667	729	813	829	776	1,371	1,023	517	149
Lackawanna	6,120	6,271	6,812	7,198	7,181	12,193	8,044	4,752	1,590
Lancaster	14,766	15,591	16,438	17,423	16,621	26,775	17,629	10,088	3,529
Lawrence	2,369	2,698	2,956	3,287	3,187	5,341	3,549	2,287	799
Lebanon	3,956	4,012	4,215	4,485	4,438	7,663	4,975	2,918	980
Lehigh	9,987	10,914	12,066	12,328	11,789	19,736	12,134	6,739	2,233
Luzerne	9,393	10,389	11,354	11,653	11,310	18,805	12,182	7,467	2,418
Lycoming	3,549	3,493	3,678	3,943	4,043	6,968	4,545	2,692	800
McKean	1,767	1,646	1,712	1,671	1,572	2,481	1,677	1,092	356
Mercer	3,009	3,511	3,830	4,221	4,128	6,973	4,574	3,026	936
Mifflin	1,270	1,346	1,608	1,593	1,505	2,716	2,052	1,153	313
Monroe	4,173	5,214	6,205	6,302	6,024	9,822	5,764	2,425	707
Montgomery	25,453	26,921	29,801	29,893	27,772	43,942	26,789	16,525	4,998
Montour	433	482	554	633	673	1,167	725	435	109
Northampton	9,193	9,488	10,226	10,347	10,028	17,020	10,046	5,755	1,981
Northumberland	2,967	3,129	3,426	3,514	3,529	5,798	3,884	2,203	753
Perry	1,293	1,501	1,627	1,690	1,719	2,982	1,670	701	262
Philadelphia	46,026	44,318	44,267	43,537	40,457	63,607	36,904	22,925	9,903
Pike	1,701	2,037	2,191	2,403	2,426	4,449	2,575	1,252	401
Potter	394	444	482	527	635	1,142	825	428	141
Schuylkill	5,526	6,027	6,258	6,125	5,700	8,871	5,612	3,721	1,257
Snyder	1,104	1,198	1,258	1,305	1,277	2,116	1,278	723	252
Somerset	2,838	2,981	3,031	3,066	2,962	4,779	3,186	2,076	812
Sullivan	134	162	195	208	217	403	381	220	76
Susquehanna	999	1,062	1,358	1,546	1,646	2,883	1,671	949	386
Tioga	930	1,014	1,130	1,345	1,406	2,532	1,758	1,041	427
Union	2,283	2,243	2,061	1,904	1,606	2,416	1,639	846	240
Venango	1,686	1,637	1,804	2,000	2,053	3,521	2,237	1,283	426
Warren	1,140	1,179	1,401	1,518	1,568	2,682	1,870	1,064	337
Washington	6,008	6,571	6,832	7,319	7,542	12,892	8,071	4,943	1,541
Wayne	1,504	1,561	1,726	2,228	2,096	4,058	2,436	1,324	444
Westmoreland	10,606	11,838	12,680	13,662	13,758	23,457	15,372	9,347	2,875
Wyoming	732	878	928	975	989	1,754	1,162	523	136
York	13,824	15,063	16,191	16,394	15,808	25,050	14,890	7,619	2,757

Source: 2008 population are estimates prepared by the State Data Center of the Pennsylvania State University at Harrisburg.

Table A-5C

Female Population by Age and County: Pennsylvania, 2008

County	Age of Female (In Years)								
	All Ages	Under 1	1 - 4	5 - 9	10 - 14	15 - 17	18 - 19	20 - 24	25 - 29
All Counties	6,397,796	73,501	286,497	368,903	390,668	262,295	196,078	435,987	360,951
Adams	50,739	587	2,242	3,027	3,311	2,258	1,689	3,409	2,656
Allegheny	636,726	6,650	25,412	33,204	35,818	24,832	18,584	40,951	35,326
Armstrong	35,379	396	1,527	2,093	2,146	1,294	848	1,662	1,683
Beaver	90,133	854	3,468	4,605	5,156	3,425	2,103	5,027	4,705
Bedford	25,205	268	1,047	1,456	1,567	978	517	1,175	1,432
Berks	206,041	2,530	10,680	13,723	13,685	8,991	6,673	13,796	11,596
Blair	64,773	720	2,761	3,514	3,674	2,433	1,877	3,842	3,662
Bradford	31,648	381	1,400	1,842	2,002	1,361	645	1,733	1,705
Bucks	315,217	3,367	14,418	19,691	21,423	12,576	7,636	15,544	16,920
Butler	93,430	1,033	4,297	5,826	5,968	3,960	2,985	5,844	4,685
Cambria	73,202	727	2,866	3,704	3,904	2,743	2,214	4,665	3,745
Cameron	2,714	33	114	171	163	99	61	135	154
Carbon	33,120	366	1,228	1,579	1,736	1,169	871	2,435	2,072
Centre	70,892	595	2,412	2,955	3,179	2,955	7,202	14,426	2,499
Chester	247,605	3,015	12,613	16,221	16,513	11,311	7,154	15,981	13,362
Clarion	20,791	179	843	1,113	1,176	815	1,361	2,202	818
Clearfield	40,383	401	1,649	2,216	2,340	1,458	812	1,994	2,145
Clinton	19,170	216	819	1,045	1,070	839	1,069	1,784	840
Columbia	34,249	276	1,247	1,578	1,668	1,576	2,328	4,185	1,598
Crawford	46,829	504	2,184	2,864	2,816	2,122	1,461	3,065	2,578
Cumberland	116,526	1,265	4,795	6,197	6,585	5,246	5,386	9,689	6,166
Dauphin	134,541	1,743	6,444	7,961	8,499	5,229	2,826	7,765	8,084
Delaware	287,367	3,418	13,499	17,211	17,861	12,214	9,439	19,768	16,614
Elk	16,429	160	639	898	1,056	672	325	744	785
Erie	142,910	1,693	6,436	8,309	8,922	6,263	5,110	11,078	8,388
Fayette	73,442	732	2,808	3,857	4,308	2,621	1,568	3,679	3,762
Forest	2,123	24	75	87	86	54	37	127	84
Franklin	73,864	1,061	3,656	4,656	4,355	2,675	2,017	4,488	4,019
Fulton	7,498	87	307	414	495	338	171	417	434
Greene	18,717	173	655	910	980	758	640	1,315	980
Huntingdon	21,457	240	898	1,180	1,254	904	682	1,468	1,053
Indiana	45,527	416	1,699	2,191	2,360	1,915	2,808	5,977	1,468
Jefferson	23,011	239	958	1,222	1,345	850	567	1,172	1,322
Juniata	11,771	148	548	714	848	476	250	647	651
Lackawanna	110,086	1,216	4,369	5,662	5,996	4,344	3,624	7,172	6,468
Lancaster	257,814	3,507	13,197	16,412	17,661	11,800	8,358	17,980	15,120
Lawrence	47,251	479	1,923	2,583	2,874	1,920	1,423	2,981	2,282
Lebanon	65,499	763	3,030	3,707	3,802	2,460	1,932	4,333	3,697
Lehigh	174,433	2,229	8,362	10,473	11,758	7,390	4,659	11,692	9,608
Luzerne	159,713	1,609	6,225	7,985	8,505	5,958	4,597	10,331	8,908
Lycoming	59,840	584	2,510	3,152	3,367	2,279	1,652	4,007	3,383
McKean	21,253	228	873	1,130	1,374	987	639	1,113	1,192
Mercer	60,240	583	2,573	3,494	3,668	2,537	1,902	4,063	2,971
Mifflin	23,726	273	1,174	1,490	1,517	945	484	1,274	1,281
Monroe	83,823	836	3,481	5,041	5,831	4,180	2,861	6,234	4,456
Montgomery	395,948	4,529	18,981	24,269	25,204	14,747	9,198	21,559	22,944
Montour	9,445	123	390	521	562	356	222	409	576
Northampton	149,445	1,624	6,730	8,819	9,231	6,667	5,124	10,107	7,759
Northumberland	45,429	503	1,922	2,445	2,507	1,794	907	2,002	2,225
Perry	22,713	258	1,069	1,395	1,571	929	573	1,356	1,290
Philadelphia	772,109	10,943	38,724	46,025	46,944	32,700	27,057	69,259	55,331
Pike	29,482	252	959	1,564	2,033	1,268	651	1,314	1,562
Potter	8,529	92	390	526	542	348	211	510	458
Schuylkill	71,239	726	2,842	3,640	4,119	2,788	1,492	4,046	3,626
Snyder	19,620	221	888	1,143	1,143	905	883	1,959	1,127
Somerset	37,928	374	1,454	1,994	2,265	1,459	734	1,752	1,925
Sullivan	3,048	31	106	136	158	168	84	158	136
Susquehanna	20,964	200	777	1,113	1,290	918	448	1,199	1,163
Tioga	21,245	253	869	1,223	1,363	991	898	1,771	872
Union	18,579	187	681	827	1,018	834	1,153	1,884	764
Venango	27,788	283	1,220	1,628	1,721	1,091	578	1,311	1,381
Warren	20,741	197	804	1,135	1,264	831	381	927	1,097
Washington	105,768	1,097	4,256	5,765	5,931	3,974	2,948	6,647	5,746
Wayne	25,665	216	965	1,335	1,441	916	607	1,456	1,266
Westmoreland	185,388	1,732	7,105	9,687	10,470	7,168	4,112	9,811	9,106
Wyoming	13,881	166	629	847	855	603	501	742	703
York	215,735	2,690	10,375	13,503	14,414	8,630	5,269	12,439	12,537

Source: 2008 population are estimates prepared by the State Data Center of the Pennsylvania State University at Harrisburg.

Table A-5C (Continued)

Female Population by Age and County: Pennsylvania, 2008

	Age of Female (In Years)								
County	30 - 34	35 - 39	40 - 44	45 - 49	50 - 54	55 - 64	65 - 74	75 - 84	85+
All Counties	368,961	402,343	441,471	462,995	453,058	766,204	536,017	395,719	196,148
Adams	3,035	3,272	3,675	3,802	3,552	6,011	4,363	2,704	1,146
Allegheny	35,383	38,698	43,570	47,252	47,183	79,654	54,652	45,300	24,257
Armstrong	1,941	2,136	2,349	2,560	2,544	4,625	3,760	2,624	1,191
Beaver	4,810	5,335	6,218	6,799	7,024	11,771	8,713	6,945	3,175
Bedford	1,539	1,660	1,778	1,757	1,779	3,221	2,558	1,701	772
Berks	11,909	13,280	14,092	14,625	13,836	23,429	16,056	11,717	5,423
Blair	3,676	3,877	4,226	4,578	4,675	8,216	6,047	4,847	2,148
Bradford	1,861	1,917	2,248	2,355	2,263	3,939	3,018	2,065	913
Bucks	18,460	21,820	24,874	25,859	24,622	39,332	24,897	16,327	7,451
Butler	5,360	6,056	6,791	7,129	6,836	11,187	7,484	5,093	2,896
Cambria	3,789	4,050	4,692	5,083	5,244	9,442	7,083	6,063	3,188
Cameron	132	161	169	172	180	389	236	213	132
Carbon	1,777	1,929	2,295	2,538	2,290	4,453	3,268	2,191	923
Centre	3,254	3,608	4,053	3,887	3,873	6,694	5,036	3,013	1,251
Chester	14,774	16,926	19,010	19,736	18,628	28,059	18,496	11,106	4,700
Clarion	868	1,012	1,236	1,360	1,376	2,443	2,010	1,365	614
Clearfield	2,355	2,500	2,880	2,935	2,875	5,198	4,253	3,040	1,332
Clinton	934	1,046	1,166	1,250	1,255	2,217	1,748	1,275	597
Columbia	1,622	1,765	1,991	2,185	2,172	3,844	3,093	2,150	971
Crawford	2,691	2,820	3,105	3,314	3,293	5,824	4,156	2,761	1,271
Cumberland	6,002	6,637	7,784	8,196	7,947	13,788	10,305	7,214	3,324
Dauphin	8,076	8,932	9,964	10,605	10,739	16,712	9,969	7,273	3,720
Delaware	16,466	18,051	20,439	21,224	20,549	33,514	21,152	17,099	8,849
Elk	898	1,054	1,258	1,242	1,196	2,012	1,589	1,256	645
Erie	8,480	8,844	9,396	9,982	9,812	16,463	11,242	8,370	4,122
Fayette	4,299	4,563	5,077	5,415	5,558	9,918	7,000	5,469	2,808
Forest	78	87	108	110	124	435	328	185	94
Franklin	4,703	4,925	4,791	4,976	4,724	8,895	6,858	4,717	2,348
Fulton	426	470	535	511	497	1,011	759	431	195
Greene	1,134	1,194	1,268	1,317	1,417	2,495	1,577	1,263	641
Huntingdon	1,184	1,300	1,418	1,491	1,497	2,704	2,165	1,408	611
Indiana	2,128	2,480	2,755	2,801	2,986	5,302	4,059	2,834	1,348
Jefferson	1,296	1,362	1,489	1,675	1,682	2,984	2,407	1,709	732
Juniata	641	675	787	786	834	1,470	1,158	776	362
Lackawanna	6,205	6,504	7,014	7,534	7,511	13,174	10,325	8,654	4,314
Lancaster	14,631	15,905	17,333	17,736	17,100	28,469	21,202	14,542	6,861
Lawrence	2,370	2,798	3,032	3,270	3,338	5,946	4,512	3,628	1,892
Lebanon	3,919	3,921	4,204	4,587	4,438	8,041	6,110	4,550	2,005
Lehigh	10,181	10,505	11,665	12,160	12,159	20,715	15,353	10,386	5,138
Luzerne	8,705	9,494	10,491	11,146	11,234	19,724	15,457	12,935	6,409
Lycoming	3,429	3,852	4,113	4,505	4,337	7,374	5,513	3,967	1,816
McKean	1,160	1,251	1,448	1,585	1,467	2,499	2,098	1,539	670
Mercer	3,133	3,474	3,822	4,176	4,211	7,379	5,678	4,531	2,045
Mifflin	1,304	1,399	1,592	1,592	1,580	2,921	2,437	1,740	723
Monroe	4,540	5,658	6,597	6,811	6,127	10,270	6,323	3,171	1,406
Montgomery	24,048	27,443	29,641	30,337	28,724	46,818	32,120	24,595	10,791
Montour	516	577	618	695	728	1,160	984	743	265
Northampton	8,660	9,915	10,316	10,496	10,582	18,180	12,327	8,533	4,375
Northumberland	2,484	2,760	3,117	3,218	3,310	5,970	4,694	3,748	1,823
Perry	1,394	1,628	1,668	1,713	1,713	2,933	1,780	960	483
Philadelphia	50,026	49,208	50,221	50,513	48,249	80,677	51,233	40,144	24,855
Pike	1,651	1,912	2,280	2,456	2,430	4,424	2,722	1,379	625
Potter	465	540	553	605	589	1,039	799	572	290
Schuylkill	3,829	4,290	4,880	5,171	5,094	8,590	7,157	6,033	2,916
Snyder	1,127	1,144	1,189	1,323	1,273	2,219	1,486	1,047	543
Somerset	2,137	2,319	2,486	2,767	2,792	4,878	3,889	3,131	1,572
Sullivan	156	133	171	206	225	390	398	270	122
Susquehanna	1,140	1,214	1,409	1,552	1,777	3,049	1,875	1,233	607
Tioga	1,052	1,184	1,332	1,438	1,367	2,640	1,994	1,253	745
Union	946	1,042	1,169	1,267	1,131	2,112	1,658	1,279	627
Venango	1,585	1,644	1,863	2,018	2,115	3,813	2,710	1,950	877
Warren	1,183	1,251	1,365	1,607	1,665	2,873	2,049	1,499	613
Washington	5,905	6,295	7,051	7,671	7,784	13,605	10,128	7,466	3,499
Wayne	1,186	1,370	1,544	1,881	1,938	4,232	2,783	1,750	779
Westmoreland	9,959	11,345	12,677	13,909	14,241	24,899	18,504	14,301	6,362
Wyoming	772	896	968	1,007	1,025	1,842	1,228	783	314
York	13,182	15,030	16,155	16,536	15,742	25,698	16,996	10,903	5,636

Source: 2008 population are estimates prepared by the State Data Center of the Pennsylvania State University at Harrisburg.

Table A-6

Population for Selected Municipalities: Pennsylvania, 2000 and 2008

Municipality	2008 Estimated Population	2000 Enumerated Population	Percent Change 2000-2008
Allentown	107,250	106,632	0.6
Altoona	46,144	49,523	-6.8
Bethel Park	31,562	33,556	-5.9
Bethlehem	72,241	71,329	1.3
Chester	36,564	36,854	-0.8
Easton	26,080	26,263	-0.7
Erie	103,817	103,717	0.1
Harrisburg	47,148	48,950	-3.7
Hazleton	21,732	23,329	-6.8
Johnstown	21,641	23,906	-9.5
Lancaster	54,626	56,348	-3.1
Lebanon	24,097	24,461	-1.5
McKeesport	22,130	24,040	-7.9
Monroeville	27,639	29,349	-5.8
New Castle	24,212	26,309	-8.0
Norristown	31,843	31,282	1.8
Philadelphia	1,447,395	1,517,550	-4.6
Pittsburgh	310,037	334,563	-7.3
Plum	26,198	26,940	-2.8
Pottstown	21,288	21,859	-2.6
Reading	80,506	81,207	-0.9
Scranton	72,233	76,415	-5.5
State College	39,419	38,420	2.6
West Mifflin	20,669	22,464	-8.0
Wilkes-Barre	40,932	43,123	-5.1
Williamsport	29,456	30,706	-4.1
York	40,097	40,862	-1.9

Source: 2000 population enumerated by the U.S. Bureau of the Census.
2008 population are estimates prepared by the State Data Center of the Pennsylvania State University at Harrisburg.

Note: See Technical Notes for criteria used in municipality selection.

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Table B-1

Resident Live Births: Pennsylvania, 1915-2008

Year	Number	Year	Number	Year	Number
2008	148,934	1973	153,272	1938	165,708
2007	150,322	1972	163,110	1937	161,133
2006	148,706	1971	180,939	1936	159,393
2005	145,033	1970	192,154	1935	161,166
2004	144,194	1969	185,046	1934	160,238
2003	145,485	1968	185,729	1933	157,046
2002	142,380	1967	188,706	1932	168,534
2001	143,404	1966	195,869	1931	178,714
2000	145,874	1965	204,105	1930	189,458
1999	144,828	1964	218,515	1929	189,524
1998	145,606	1963	221,537	1928	200,769
1997	143,967	1962	226,393	1927	210,001
1996	147,890	1961	240,172	1926	207,696
1995	150,848	1960	241,099	1925	215,120
1994	156,431	1959	246,615	1924	223,103
1993	159,666	1958	249,810	1923	217,235
1992	163,523	1957	254,997	1922	214,348
1991	167,726	1956	248,019	1921	229,452
1990	171,532	1955	242,591	1920	220,462
1989	168,108	1954	245,521	1919	207,685
1988	165,169	1953	239,206	1918	220,170
1987	162,348	1952	239,964	1917	222,505
1986	160,336	1951	235,074	1916	217,449
1985	160,001	1950	221,635	1915	217,979
1984	156,799	1949	224,581		
1983	157,810	1948	227,227		
1982	161,561	1947	248,513		
1981	160,179	1946	218,376		
1980	158,670	1945	173,799		
1979	157,533	1944	178,370		
1978	151,438	1943	199,366		
1977	153,415	1942	197,177		
1976	148,004	1941	174,193		
1975	148,942	1940	165,456		
1974	151,458	1939	160,774		

Note: Data prior to 1937 are by place of occurrence. All other data are by place of residence.

Table B-2

Live Birth Rate, General Fertility Rate and Total Fertility Rate: Pennsylvania and United States, 1950, 1955, 1960-2008**

	Live Birth Rate*		General Fertility Rate*		Total Fertility Rate*	
Year	Pennsylvania	United States	Pennsylvania	United States	Pennsylvania	United States
2008	12.0	NA	60.3	NA	1892.5	NA
2007	12.1	14.3	60.6	69.5	1911.5	2122.5
2006	12.0	14.2	59.5	68.5	1882.0	2100.5
2005	11.7	14.0	58.0	66.7	1844.5	2053.5
2004	11.6	14.0	57.4	66.3	1831.5	2045.5
2003	11.8	14.1	57.8	66.1	1844.0	2042.5
2002	11.5	13.9	56.3	64.8	1804.0	2013.0
2001	11.7	14.1	56.5	65.3	1808.5	2034.0
2000	11.9	14.4	57.0	65.9	1821.0	2056.0
1999	12.1	14.5	57.8	65.9	1795.0	2075.0
1998	12.1	14.6	57.6	65.6	1787.0	2058.5
1997	12.0	14.5	56.4	65.0	1743.0	2032.5
1996	12.3	14.7	57.2	65.3	1757.0	2027.0
1995	12.5	14.8	57.9	65.6	1769.5	2019.0
1994	13.0	15.2	59.4	66.7	1806.0	2036.0
1993	13.3	15.5	60.2	67.6	1821.5	2046.0
1992	13.6	15.9	61.2	68.9	1837.5	2065.0
1991	14.0	16.3	62.5	69.6	1860.5	2073.0
1990	14.4	16.7	63.6	70.9	1872.5	2081.0
1989	14.0	16.4	61.0	69.2	1778.0	2014.0
1988	13.8	16.0	60.1	67.3	1731.5	1934.0
1987	13.6	15.7	59.4	65.8	1693.5	1872.0
1986	13.5	15.6	58.9	65.4	1659.0	1837.5
1985	13.5	15.8	58.8	66.3	1642.0	1844.0
1984	13.2	15.6	57.9	65.5	1603.0	1806.5
1983	13.3	15.6	59.2	65.7	1633.0	1799.0
1982	13.6	15.9	60.6	67.3	1667.5	1827.5
1981	13.5	15.8	60.7	67.3	1654.5	1812.0
1980	13.4	15.9	60.1	68.4	1633.5	1839.5
1979	13.4	15.6	60.4	67.2	1672.0	1808.0
1978	12.9	15.0	58.7	65.5	1617.0	1760.0
1977	13.0	15.1	59.8	66.8	1620.5	1789.5
1976	12.5	14.6	57.7	65.0	1569.5	1738.0
1975	12.6	14.6	58.7	66.0	1600.5	1774.0
1974	12.8	14.8	60.5	67.8	1673.5	1835.0
1973	12.9	14.8	61.7	68.8	1734.5	1879.0
1972	13.7	15.6	66.3	73.1	1892.5	2010.0
1971	15.1	17.2	75.4	81.6	2188.5	2266.5
1970	16.3	18.4	80.6	87.9	2378.5	2480.0
1969	15.7	17.9	76.6	86.1	2245.0	2455.5
1968	15.8	17.6	77.6	85.2	2319.5	2464.2
1967	16.2	17.8	80.0	87.2	2444.5	2557.7
1966	16.8	18.4	83.4	90.8	2593.5	2721.4
1965	17.7	19.4	87.6	96.3	2754.5	2912.6
1964	19.1	21.1	94.8	104.7	3002.0	3190.5
1963	19.4	21.7	96.2	108.3	3072.5	3318.8
1962	19.9	22.4	98.8	112.0	3222.0	3461.3
1961	20.9	23.3	104.1	117.1	3390.5	3620.3
1960	21.3	23.7	104.5	118.0	3354.5	3653.6
1955	21.8	25.0	100.1	118.3	3020.0	3573.7
1950	21.1	24.1	90.6	106.2	2610.0	3090.5

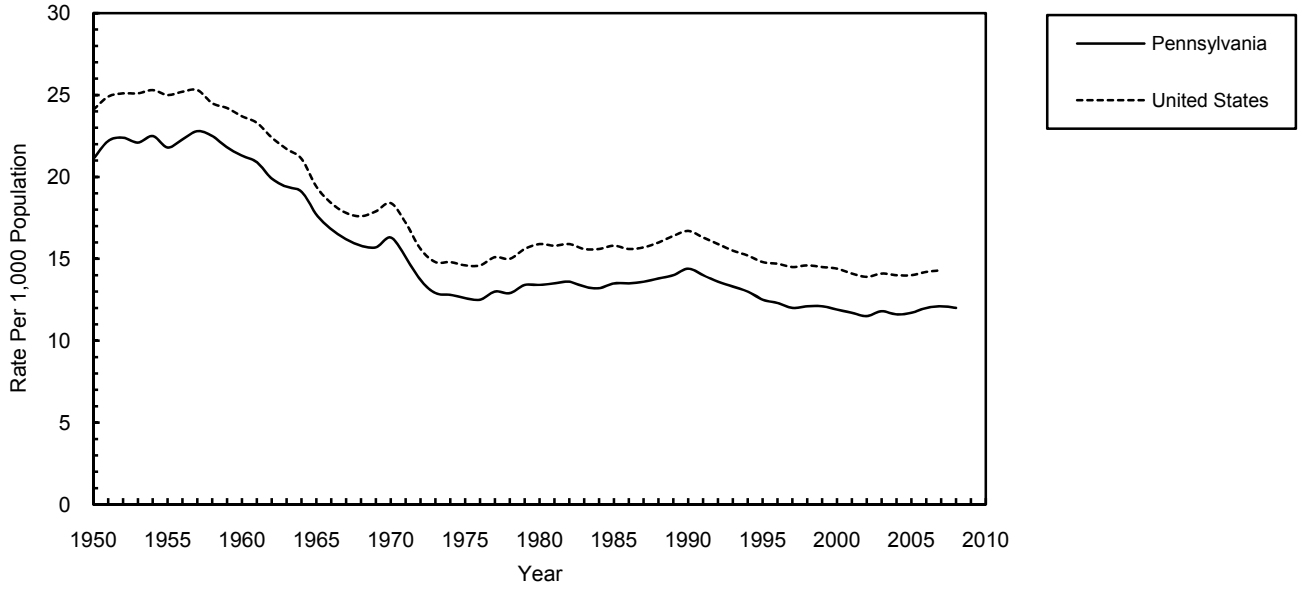
* Live birth rates per 1,000 population.

NA = Not Available

General fertility rate: Number of total live births per 1,000 females of childbearing age (between the ages of 15 and 44).

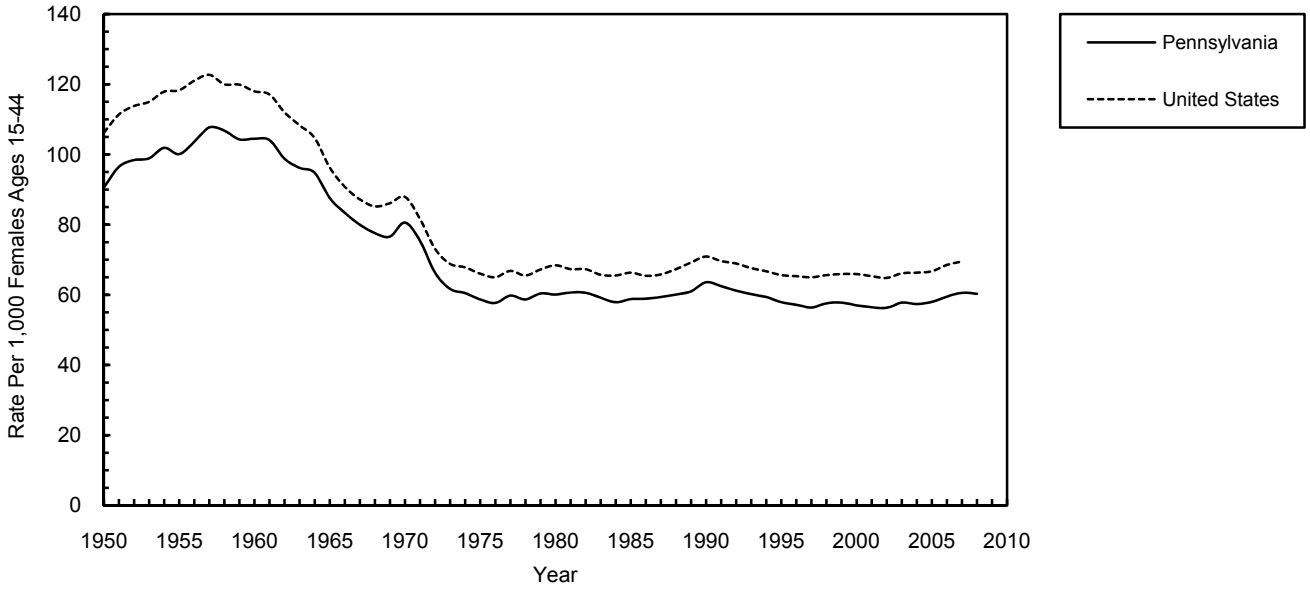
Total fertility rate: The sum of the age-specific birth rates of women in five year age groups multiplied by five. This rate estimates the number of children a cohort of 1,000 women would bear if they all went through their childbearing years exposed to the age-specific birth rates in effect at a particular time. See Technical Notes.

Figure B-1
Live Birth Rates
Pennsylvania and United States, 1950-2008



NOTE: Preliminary 2008 U.S. Birth Data Not Available

Figure B-2
General Fertility Rates
Pennsylvania and United States, 1950-2008



NOTE: Preliminary 2008 U.S. Birth Data Not Available

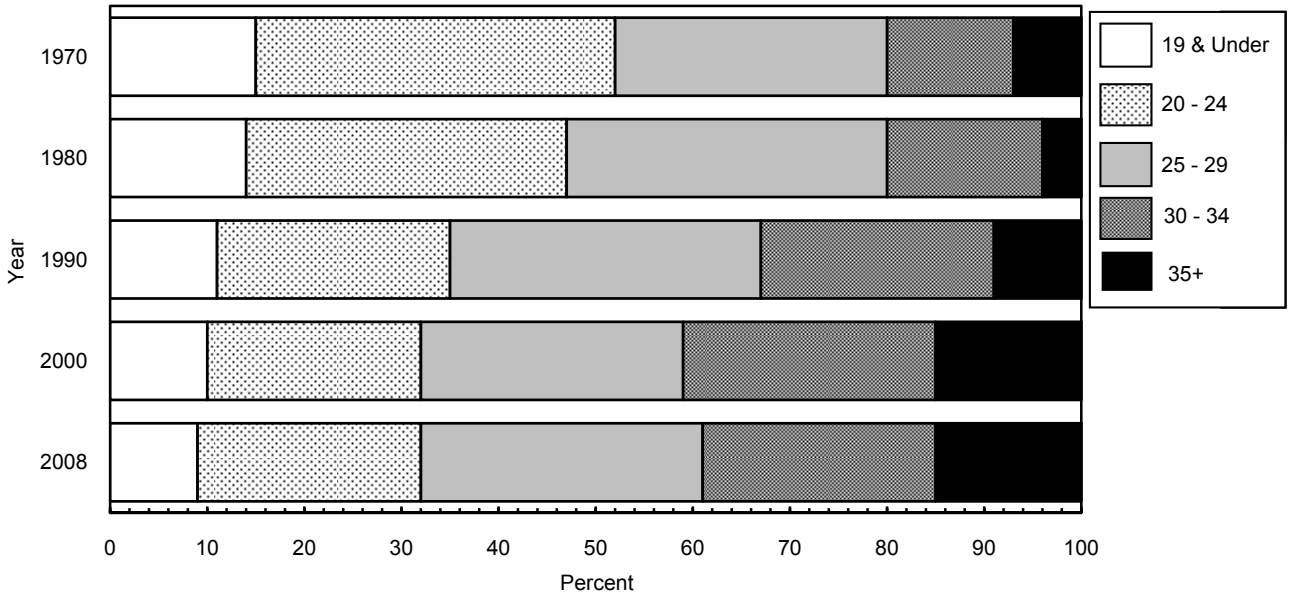
Table B-3
Resident Live Births by Age of Mother, Number and Rate*
Pennsylvania, 2008, 2000, 1990, 1980, 1970

Age of	2008		2000		1990		1980		1970	
Mother	Number	Rate	Number	Rate	Number	Rate	Number	Rate	Number	Rate
All Ages	148,934	60.3	145,874	57.0	171,053	63.6	158,670	60.1	192,154	80.6
Under 15	158	0.4	293	0.7	437	1.2	324	0.7	443	0.8
15 - 19	13,708	29.9	14,146	33.9	18,139	45.1	21,683	40.5	28,592	53.2
20 - 24	34,000	78.0	31,492	84.4	40,880	94.5	52,371	97.5	71,365	156.1
25 - 29	42,216	117.0	39,586	108.0	55,132	118.5	52,077	109.3	54,250	149.6
30 - 34	36,137	97.9	38,444	92.1	40,659	80.8	25,306	58.6	23,913	75.7
35 - 39	18,598	46.2	18,303	37.9	13,856	29.7	5,958	17.0	10,526	32.3
40 - 44	3,784	8.6	3,460	6.9	1,888	4.5	898	2.9	2,878	7.5
45 & Over	250	0.5	150	0.3	62	0.2	53	0.2	187	0.5
Unknown	83	-	**		**		**		**	

* Rate per 1,000 female population for each year by age group. All ages includes females age 15-44 years; under 15 includes females age 10-14 years; and 45 & over includes females age 45-49 years.
** Births with unknown mother's age are included in the 25-29 year age group for 1990 and 2000, and in the 20-24 year age group for 1970 and 1980.

Note: Unknowns excluded from calculations for 2008.

Figure B-3
Resident Live Births, Percent by Age of Mother
Pennsylvania, 1970, 1980, 1990, 2000 and 2008



Note: Unknowns excluded from calculations for 2008.

Table B-4A
Resident Live Births By Age, Race and Hispanic Origin of Mother
Pennsylvania, 2008

Age of Mother (In Years)	Race				Hispanic Origin
	All Races	White	Black	Asian/ Pacific Islander	
All Ages	148,934	107,623	22,430	5,402	13,883
Under 15	158	38	87	0	35
15 - 19	13,708	6,997	4,282	109	2,472
20 - 24	34,000	22,158	6,999	503	4,519
25 - 29	42,216	31,720	5,369	1,657	3,490
30 - 34	36,137	28,607	3,471	1,956	2,120
35 - 39	18,598	14,859	1,750	988	1,051
40 - 44	3,784	2,986	437	177	184
45 & Over	250	206	25	8	8
Unknown	83	52	10	4	4

Note: Starting with 2003, the collection process for race data has changed. Please refer to Section F of the Technical Notes for further explanation.

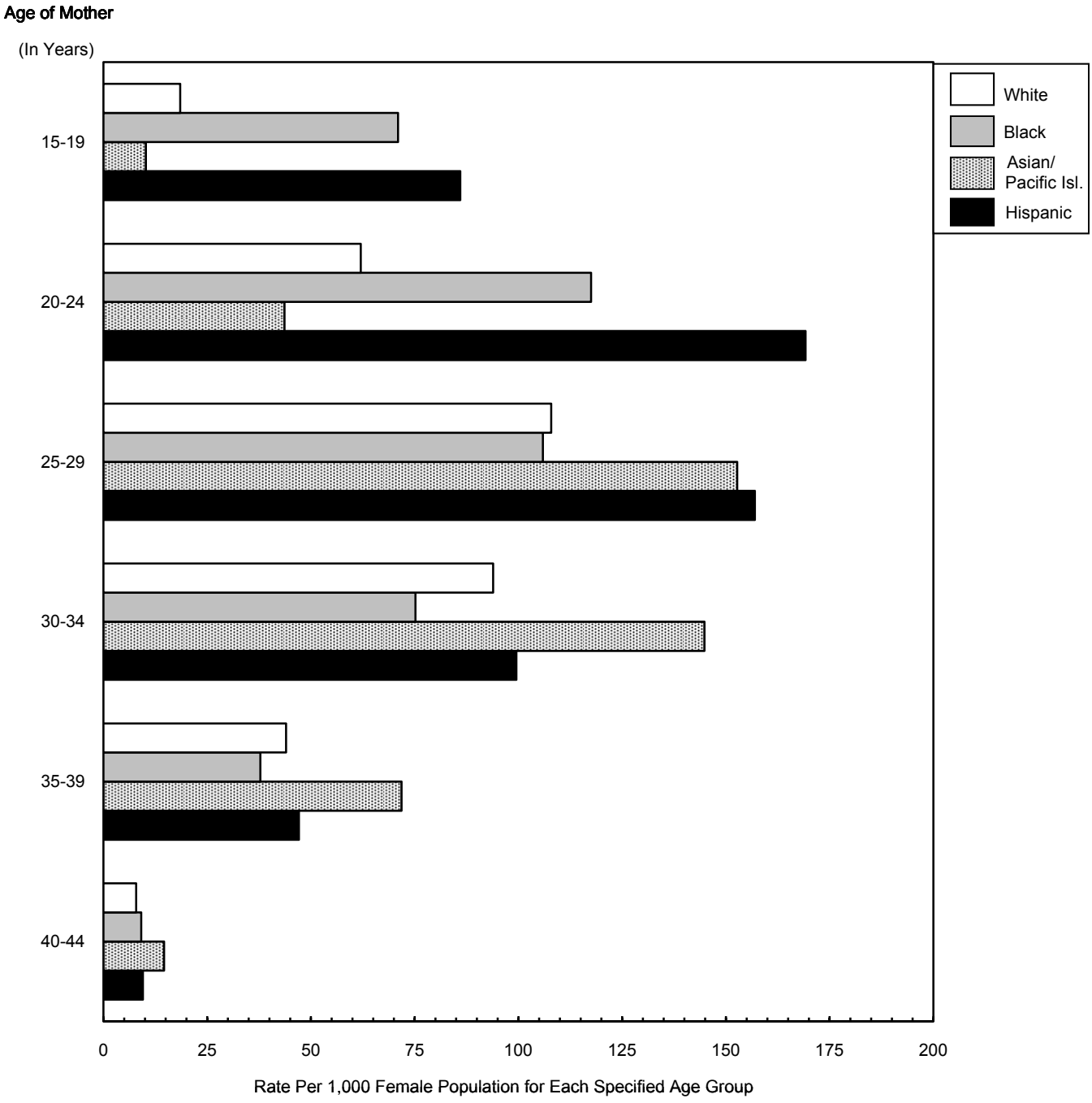
Table B-4B
Resident Live Birth Rate* by Age, Race and Hispanic Origin of Mother
Pennsylvania, 2008

Age of Mother (In Years)	Race				Hispanic Origin
	All Races	White	Black	Asian/ Pacific Islander	
All Ages	60.3	52.5	72.1	74.6	98.7
Under 15	0.4	0.1	1.6	ND	1.2
15 - 19	29.9	18.5	71.0	10.2	86.0
20 - 24	78.0	62.0	117.5	43.6	169.2
25 - 29	117.0	107.9	105.9	152.7	157.0
30 - 34	97.9	93.9	75.2	144.8	99.5
35 - 39	46.2	44.0	37.8	71.8	47.1
40 - 44	8.6	7.9	9.1	14.6	9.5
45 & Over	0.5	0.5	0.5	ND	ND

* Rate per 1,000 female population for each specified group, 2008. All ages includes females age 15-44 years; under 15 includes females age 10-14 years; and 45 & over includes females age 45-49 years.

Notes: Unknowns excluded from calculations.
Hispanic origin can be of any race.
Rates based on less than 10 events are considered statistically unreliable and are not displayed (ND).
See Technical Notes. Starting with 2003, the collection process for race data has changed. Please refer to Section F of the Technical Notes for further explanation.

Figure B-4
Resident Birth Rates by Age, Race and Hispanic Origin of Mother
Pennsylvania, 2008



Notes: Hispanic origin can be of any race.
Starting with 2003, the collection process for race data has changed. Please refer to Section F of the Technical Notes for further explanation.

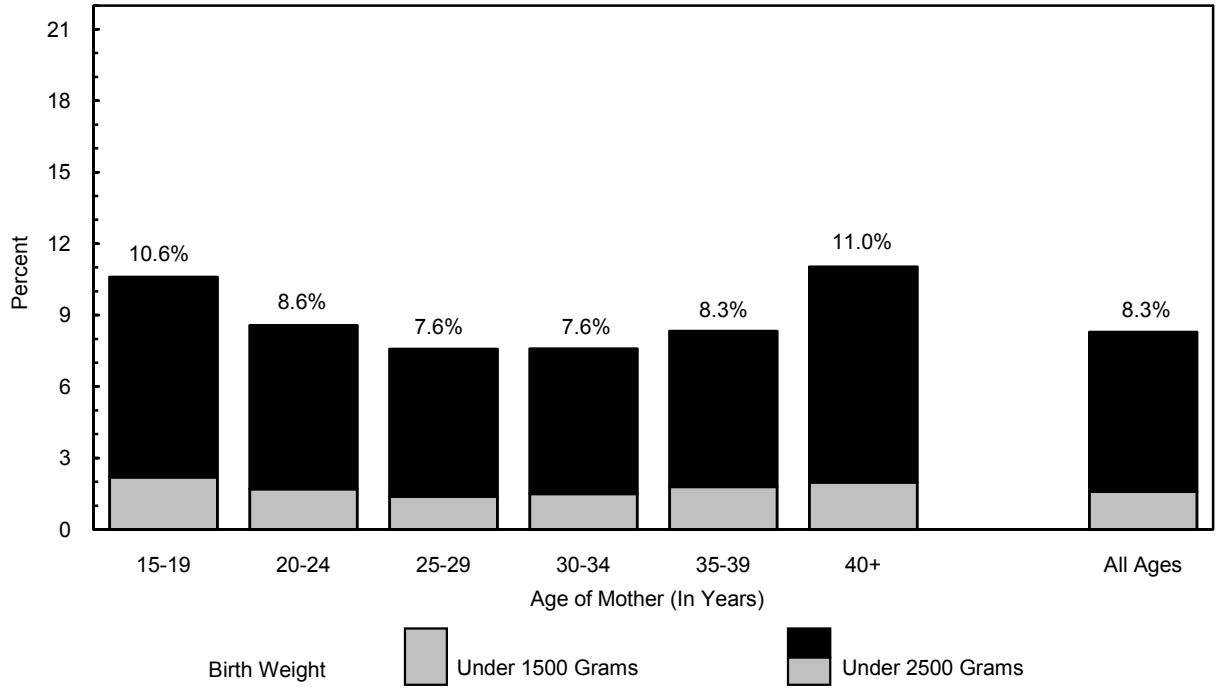
Table B-5
Resident Live Births by Age of Mother and Birth Weight
Number and Percent*: Pennsylvania, 2008

Age of Mother (In Years)	Total Births	Birth Weight: 0 - 1499 Grams		1500 - 2499 Grams		2500 -3499 Grams		3500 - 4499 Grams		4500 Grams and Over		Unknown Weight
		Number	%	Number	%	Number	%	Number	%	Number	%	Number
All Ages	148,934	2,430	1.6	9,871	6.6	82,000	55.2	52,406	35.3	1,741	1.2	486
Under 15	158	6	ND	21	13.4	101	64.3	29	18.5	0	ND	1
15 - 19	13,708	296	2.2	1,150	8.4	8,546	62.7	3,571	26.2	71	0.5	74
20 - 24	34,000	589	1.7	2,315	6.8	20,136	59.5	10,530	31.1	291	0.9	139
25 - 29	42,216	594	1.4	2,596	6.2	23,313	55.4	15,133	35.9	467	1.1	113
30 - 34	36,137	530	1.5	2,206	6.1	18,573	51.5	14,227	39.5	514	1.4	87
35 - 39	18,598	331	1.8	1,214	6.5	9,269	50.0	7,396	39.9	329	1.8	59
40 - 44	3,784	76	2.0	322	8.5	1,890	50.1	1,424	37.7	63	1.7	9
45 & Over	250	4	ND	42	16.9	128	51.6	69	27.8	5	ND	2
Unknown	83	4	ND	5	ND	44	54.3	27	33.3	1	ND	2

* Percent of total live births for each specified age group. Unknowns excluded from calculations.

Note: Percents based on less than 10 events are considered statistically unreliable and are not displayed (ND). See Technical Notes.

Figure B-5
Resident Live Births, Percent with Very Low and Low Birth Weight by Age of Mother, Pennsylvania, 2008



Note: The State percentages for very low birth weight (under 1500 grams) and low birth weight (under 2500 grams) are 1.6 and 8.3 percent, respectively. Unknowns excluded from calculations.

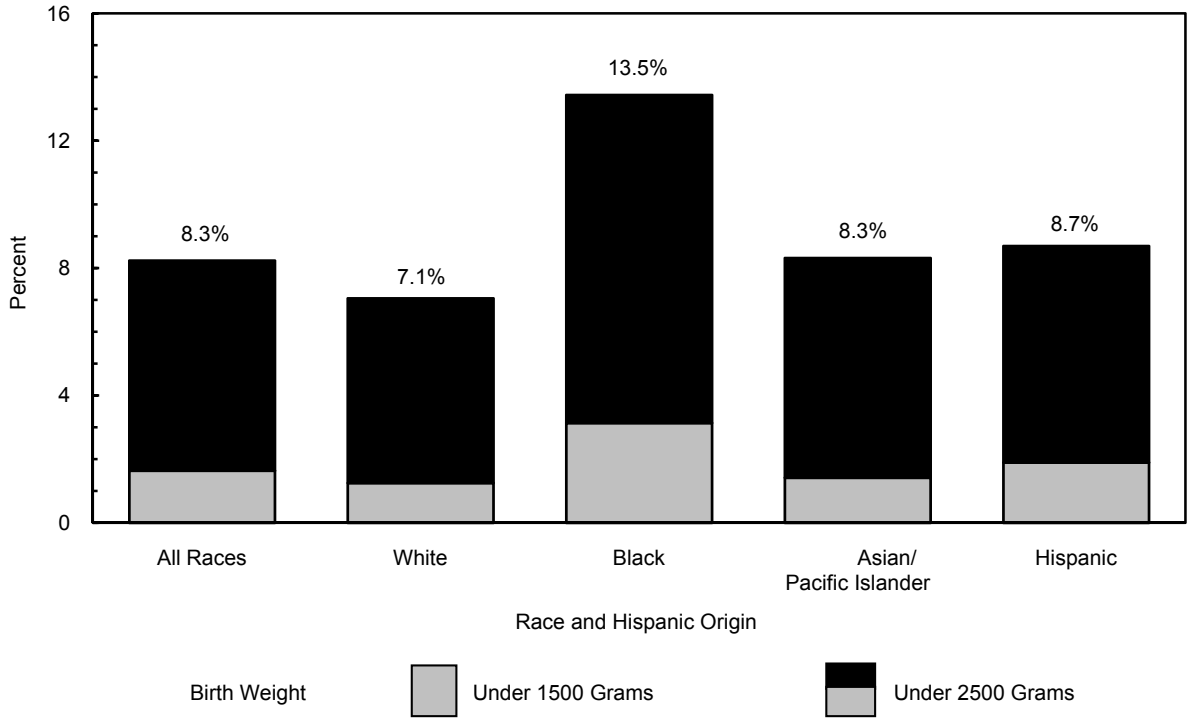
Table B-6
Resident Live Births by Birth Weight, and Race and Hispanic Origin of Mother
Number and Percent*: Pennsylvania, 2008

Birth Weight (In Grams)	Total Births		Race: White		Race: Black		Race: Asian/ Pacific Islander		Hispanic Origin	
	Number	%	Number	%	Number	%	Number	%	Number	%
Total	148,934		107,623		22,430		5,402		13,883	
Very Low Birth Weight **(Under 1500 Grams)**	2,430	1.6	1,341	1.2	698	3.1	76	1.4	262	1.9
Low Birth Weight **(Under 2500 Grams)**	12,301	8.3	7,599	7.1	2,999	13.5	446	8.3	1,200	8.7
2500+ Grams	136,147	91.7	99,814	92.9	19,252	86.5	4,923	91.7	12,638	91.3
Unknown	486		210		179		33		45	

* Percent of total live births for each column. Unknowns excluded from calculations.

Notes: Percents based on less than 10 events are considered statistically unreliable and are not displayed (ND). See Technical Notes.
Starting with 2003, the collection process for race data has changed. Please refer to Section F of the Technical Notes for further explanation.

Figure B-6
Resident Live Births, Percent with Very Low and Low Birth Weight by Race and Hispanic Origin of Mother, Pennsylvania, 2008



Notes: Hispanic origin can be of any race.
Unknowns excluded from calculations.
Starting with 2003, the collection process for race data has changed. Please refer to Section F of the Technical Notes for further explanation.

Table B-7A

Resident Live Births by Pre-Pregnancy Weight Status* and Age of Mother

Number and Percent: Pennsylvania, 2008

Age of Mother (In Years)	Total Births	Underweight		Normal Weight		Overweight		Obese		Unknown
		Number	%	Number	%	Number	%	Number	%	Number
All Ages	148,934	5,782	4.3	68,086	50.8	31,628	23.6	28,432	21.2	15,006
Under 15	158	15	11.0	87	64.0	26	19.1	8	ND	22
15-19	13,708	941	7.6	7,219	58.1	2,538	20.4	1,732	13.9	1,278
20-24	34,000	1,819	5.8	15,223	48.9	7,229	23.2	6,853	22.0	2,876
25-29	42,216	1,519	4.0	18,789	49.3	9,202	24.2	8,592	22.5	4,114
30-34	36,137	1,003	3.1	16,595	51.7	7,677	23.9	6,807	21.2	4,055
35-39	18,598	406	2.5	8,387	50.9	4,002	24.3	3,670	22.3	2,133
40-44	3,784	73	2.2	1,633	49.1	890	26.8	728	21.9	460
45 & Over	250	3	ND	123	56.9	57	26.4	33	15.3	34
Unknown	83	3	ND	30	61.2	7	ND	9	ND	34

*Weight status based on Body Mass Index (BMI) as defined by the Centers for Disease Control (CDC). See Technical Notes.

Notes: Percents based on less than 10 events are considered statistically unreliable and are not displayed (ND).
See Technical Notes. Unknowns excluded from calculations.

Table B-7B

Resident Live Births by Pre-Pregnancy Weight Status*, Race, and Hispanic Origin of Mother

Number and Percent: Pennsylvania, 2008

Race and Hispanic Origin of Mother	Total Births	Underweight		Normal Weight		Overweight		Obese		Unknown
		Number	%	Number	%	Number	%	Number	%	Number
All Races	148,934	5,782	4.3	68,086	50.8	31,628	23.6	28,432	21.2	15,006
White	107,623	4,049	4.2	51,270	52.6	22,238	22.8	19,835	20.4	10,231
Black	22,430	680	3.5	7,892	40.3	5,369	27.4	5,663	28.9	2,826
Asian/ Pacific Islander	5,402	502	10.4	3,187	65.9	894	18.5	254	5.3	565
Hispanic Origin	13,883	512	4.1	5,877	47.0	3,293	26.3	2,816	22.5	1,385

*Weight status based on Body Mass Index (BMI) as defined by the Centers for Disease Control (CDC). See Technical Notes.

Notes: Hispanic origin can be of any race.
Percents based on less than 10 events are considered statistically unreliable and are not displayed (ND).
See Technical Notes. Unknowns excluded from calculations.

Table B-8A

Resident Live Births by Pre-Pregnancy Weight Status* and Average Weight Gain by Age of Mother**
Number and Average: Pennsylvania, 2008

Age of Mother	Total	All Weights		Underweight		Normal Weight		Overweight		Obese		Unknown
(In Years)	Births	Number	Avg Wt	Number	Avg Wt	Number	Avg Wt	Number	Avg Wt	Number	Avg Wt	Number
All Ages	148,934	126,094	31.6	5,429	34.4	64,102	34.6	29,714	32.3	26,849	23.2	22,840
Under 15	158	126	29.9	15	28.7	81	32.6	23	24.7	7	ND	32
15-19	13,708	11,643	32.8	884	34.7	6,770	34.4	2,358	32.2	1,631	26.1	2,065
20-24	34,000	29,388	31.7	1,704	35.2	14,406	34.6	6,808	32.5	6,470	23.7	4,612
25-29	42,216	36,000	31.6	1,428	34.3	17,772	35.0	8,659	32.5	8,141	23.0	6,216
30-34	36,137	30,170	31.6	947	33.5	15,557	34.8	7,228	32.5	6,438	22.8	5,967
35-39	18,598	15,432	30.9	379	33.0	7,850	34.3	3,755	31.4	3,448	22.4	3,166
40-44	3,784	3,089	30.4	66	32.4	1,525	33.0	823	31.0	675	23.7	695
45 & Over	250	205	30.7	3	ND	115	34.0	54	31.9	33	17.3	45
Unknown	83	41	32.9	3	ND	26	32.4	6	ND	6	ND	42

* Weight status based on Body Mass Index (BMI) as defined by the Centers for Disease Control (CDC). See Technical Notes.

** Average weight gain during pregnancy in pounds (lbs).

Notes: Calculations based on less than 10 events are considered statistically unreliable and are not displayed (ND). See Technical Notes.
Unknowns excluded from calculations.

Table B-8B

Resident Live Births by Pre-Pregnancy Weight Status* and Average Weight Gain**
By Race and Hispanic Origin of Mother, Number and Average: Pennsylvania, 2008

Race and Hispanic Origin	Total	All Weights		Underweight		Normal Weight		Overweight		Obese		Unknown
of Mother	Births	Number	Avg Wt	Number	Avg Wt	Number	Avg Wt	Number	Avg Wt	Number	Avg Wt	Number
All Races	148,934	126,094	31.6	5,429	34.4	64,102	34.6	29,714	32.3	26,849	23.2	22,840
White	107,623	92,668	32.4	3,844	34.7	48,688	35.3	21,178	33.4	18,958	23.5	14,955
Black	22,430	17,810	29.8	618	33.9	7,167	33.1	4,851	31.0	5,174	23.5	4,620
Asian/ Pacific Islander	5,402	4,502	29.6	463	32.1	2,971	31.2	828	24.5	240	22.0	900
Hispanic Origin	13,883	11,551	28.5	467	34.5	5,427	32.5	3,030	27.6	2,627	20.4	2,332

* Weight status based on Body Mass Index (BMI) as defined by the Centers for Disease Control (CDC). See Technical Notes.

** Average weight gain during pregnancy in pounds (lbs).

Notes: Hispanic origin can be of any race.
Calculations based on less than 10 events are considered statistically unreliable and are not displayed (ND). See Technical Notes.
Unknowns excluded from calculations.

Table B-9A
Resident Live Births by Age of Mother and Trimester of First Prenatal Visit
Number and Percent*: Pennsylvania, 2008

Age of Mother (In Years)	Total Births	Trimester In Pregnancy: First Number	First %	Second Number	Second %	Third Number	Third %	Unknown Number	No Prenatal Visits Number	No Prenatal Visits %
All Ages	148,934	98,657	79.4	19,432	15.6	4,293	3.5	24,643	1,909	1.5
Under 15	158	45	43.3	46	44.2	8	ND	54	5	ND
15 - 19	13,708	6,945	64.0	3,003	27.7	598	5.5	2,864	298	2.7
20 - 24	34,000	19,678	71.0	6,170	22.3	1,279	4.6	6,301	572	2.1
25 - 29	42,216	29,224	81.8	4,915	13.8	1,144	3.2	6,477	456	1.3
30 - 34	36,137	26,535	86.1	3,188	10.3	776	2.5	5,302	336	1.1
35 - 39	18,598	13,468	85.6	1,682	10.7	392	2.5	2,871	185	1.2
40 - 44	3,784	2,577	82.4	407	13.0	92	2.9	657	51	1.6
45 & Over	250	143	84.1	19	11.2	4	ND	80	4	ND
Unknown	83	42	91.3	2	ND	0	ND	37	2	ND

* Percent of total live births for each specified age group. Unknowns excluded from calculations.

Notes: Percents based on less than 10 events are considered statistically unreliable and are not displayed (ND). See Technical Notes. Starting with 2003, the collection process for prenatal care data has changed. Please refer to Section F of the Technical Notes for further explanation.

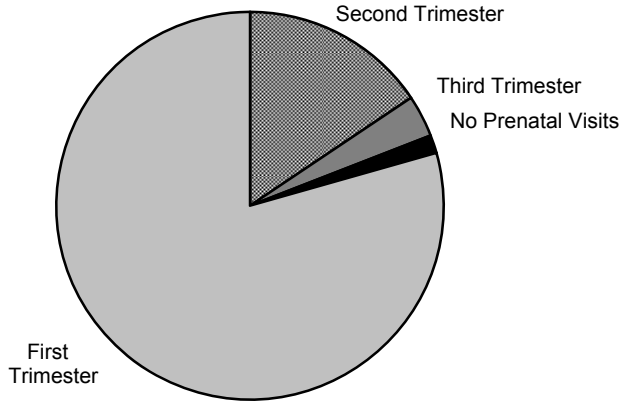
Table B-9B
Resident Live Births by Race and Hispanic Origin of Mother and Trimester of First Prenatal Visit, Number and Percent*: Pennsylvania, 2008

Race and Hispanic Origin of Mother	Total Births	Trimester In Pregnancy: First Number	First %	Second Number	Second %	Third Number	Third %	Unknown Number	No Prenatal Visits Number	No Prenatal Visits %
All Races	148,934	98,657	79.4	19,432	15.6	4,293	3.5	24,643	1,909	1.5
White	107,623	77,223	83.8	11,616	12.6	2,512	2.7	15,516	756	0.8
Black	22,430	11,061	64.1	4,355	25.2	1,004	5.8	5,168	842	4.9
Asian/ Pacific Islander	5,402	3,420	76.5	768	17.2	225	5.0	934	55	1.2
Hispanic Origin	13,883	7,278	67.2	2,808	25.9	530	4.9	3,056	211	1.9

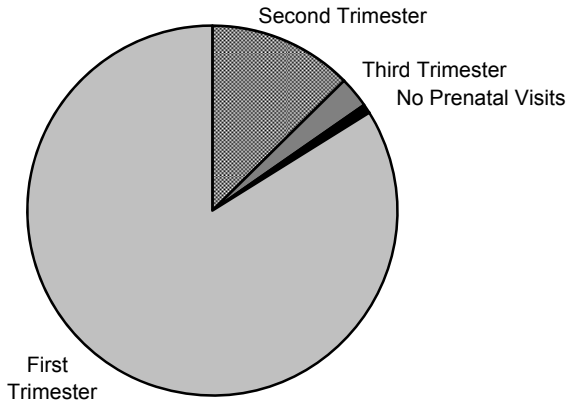
* Percent of total live births for each specified group. Unknowns excluded from calculations.

Notes: Hispanic origin can be of any race.
Percents based on less than 10 events are considered statistically unreliable and are not displayed (ND). See Technical Notes. Starting with 2003, the collection process for prenatal care data has changed. Please refer to Section F of the Technical Notes for further explanation.

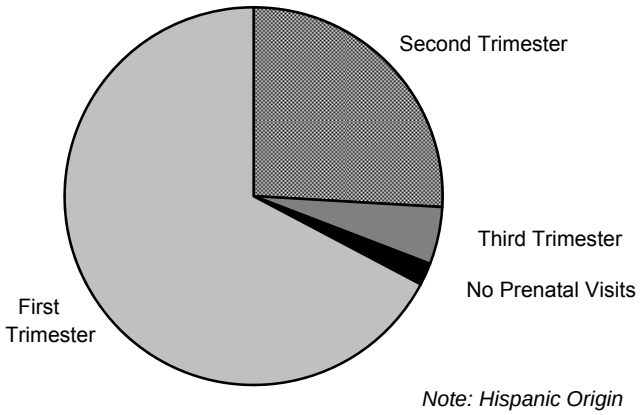
Figure B-7
Resident Live Births by Race and Hispanic Origin of Mother and Trimester of First Prenatal Visit, Pennsylvania, 2008



All Races

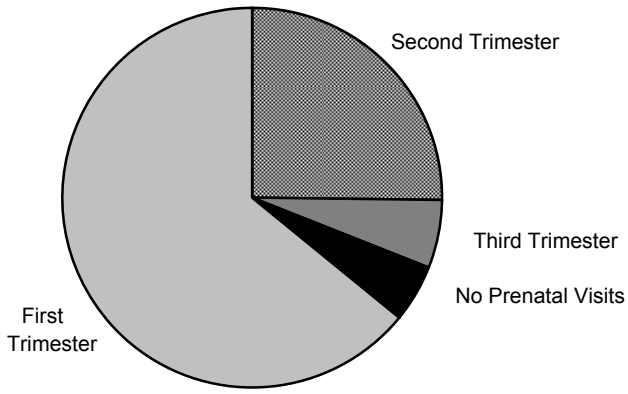


White Race

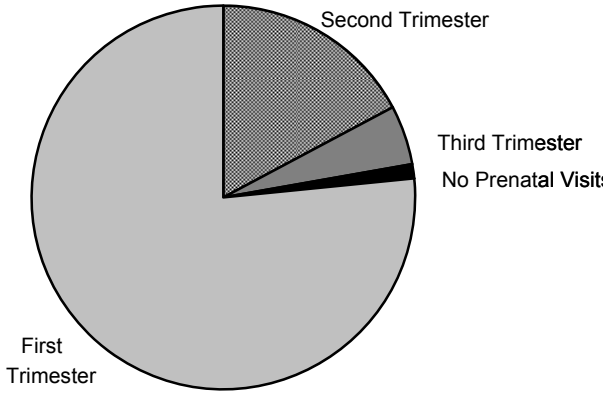


Note: Hispanic Origin can be of any race.

Hispanic Origin



Black Race



Asian/Pacific Islander

Note: Starting with 2003, the collection process for prenatal care data has changed. Please refer to Section F of the Technical Notes for further explanation.

Table B-10

Resident Live Births by Age of Mother and Number of Previous Pregnancies
Number and Percent*: Pennsylvania, 2008

Age of Mother (In Years)	Total Births	Number of Previous Pregnancies										
		None		One		Two		Three		Four or More		Unknown
		Number	%	Number	%	Number	%	Number	%	Number	%	Number
All Ages	148,934	46,875	34.2	34,190	25.0	24,719	18.0	14,490	10.6	16,678	12.2	11,982
Under 15	158	150	96.8	5	ND	0	ND	0	ND	0	ND	3
15 - 19	13,708	9,759	78.9	1,893	15.3	568	4.6	116	0.9	34	0.3	1,338
20 - 24	34,000	13,382	43.6	8,287	27.0	5,049	16.4	2,428	7.9	1,557	5.1	3,297
25 - 29	42,216	12,915	33.2	9,973	25.6	7,179	18.4	4,279	11.0	4,601	11.8	3,269
30 - 34	36,137	7,601	22.6	9,423	28.0	7,148	21.3	4,312	12.8	5,141	15.3	2,512
35 - 39	18,598	2,558	14.7	3,965	22.8	4,018	23.2	2,778	16.0	4,037	23.3	1,242
40 - 44	3,784	446	12.7	598	17.0	704	20.1	541	15.4	1,220	34.8	275
45 & Over	250	39	17.9	30	13.8	40	18.3	31	14.2	78	35.8	32
Unknown	83	25	36.2	16	23.2	13	18.8	5	ND	10	14.5	14

* Percent of total live births for each specified age group. Unknowns excluded from calculations.

Note: Percents based on less than 10 events are considered statistically unreliable and are not displayed (ND). See Technical Notes.

Table B-11

Resident Live Births by Age of Mother and Number of Previous Live Births
Number and Percent*: Pennsylvania, 2008

Age of Mother (In Years)	Total Births	Number of Previous Live Births										
		None		One		Two		Three		Four or More		Unknown
		Number	%	Number	%	Number	%	Number	%	Number	%	Number
All Ages	148,934	60,383	40.8	47,861	32.3	23,733	16.0	9,136	6.2	6,905	4.7	916
Under 15	158	154	97.5	4	ND	0	ND	0	ND	0	ND	0
15 - 19	13,708	11,255	82.6	2,046	15.0	289	2.1	24	0.2	4	ND	90
20 - 24	34,000	17,142	50.7	10,973	32.5	4,181	12.4	1,154	3.4	341	1.0	209
25 - 29	42,216	16,665	39.7	13,813	32.9	7,004	16.7	2,821	6.7	1,669	4.0	244
30 - 34	36,137	10,392	28.9	13,428	37.4	7,028	19.6	2,796	7.8	2,278	6.3	215
35 - 39	18,598	3,924	21.2	6,371	34.5	4,417	23.9	1,899	10.3	1,872	10.1	115
40 - 44	3,784	752	20.0	1,142	30.4	759	20.2	415	11.1	687	18.3	29
45 & Over	250	66	26.9	61	24.9	47	19.2	21	8.6	50	20.4	5
Unknown	83	33	44.6	23	31.1	8	ND	6	ND	4	ND	9

* Percent of total live births for each specified age group. Unknowns excluded from calculations.

Note: Percents based on less than 10 events are considered statistically unreliable and are not displayed (ND). See Technical Notes.

Table B-12
Resident Live Births by Age and Marital Status of the Mother
Number and Percent*: Pennsylvania, 2008

Age of Mother (In Years)	Total Births	Marital Status: Married Number	Married %	Unmarried Number	Unmarried %	Unknown Number
All Ages	148,934	87,897	59.3	60,269	40.7	768
Under 15	158	1	ND	153	99.4	4
15 - 19	13,708	817	6.0	12,752	94.0	139
20 - 24	34,000	10,397	30.8	23,388	69.2	215
25 - 29	42,216	28,098	66.8	13,947	33.2	171
30 - 34	36,137	29,640	82.3	6,384	17.7	113
35 - 39	18,598	15,608	84.3	2,901	15.7	89
40 - 44	3,784	3,077	81.8	684	18.2	23
45 & Over	250	211	85.8	35	14.2	4
Unknown	83	48	65.8	25	34.2	10

* Percent of total live births for each specified age group. Unknowns excluded from calculations.
Note: Percents based on less than 10 events are considered statistically unreliable and are not displayed (ND).

Table B-13
Resident Live Births by Age and Education of Mother
Number and Percent*: Pennsylvania, 2008

Age of Mother (In Years)	Total Births	Highest Grade Completed: Grade 8 Or Less Number	Grade 8 Or Less %	Grade 9-12 No Diploma Number	Grade 9-12 No Diploma %	High School Grad/GED Number	High School Grad/GED %	Some College** Number	Some College** %	College Degree Number	College Degree %	Unknown Number
All Ages	148,934	5,015	3.5	18,357	12.6	39,083	26.9	38,473	26.5	44,393	30.5	3,613
Under 15	158	97	64.7	53	35.3	0	ND	0	ND	0	ND	8
15 - 19	13,708	459	3.4	7,067	52.6	4,659	34.6	1,257	9.3	6	ND	260
20 - 24	34,000	1,426	4.3	5,815	17.4	14,158	42.4	10,228	30.6	1,777	5.3	596
25 - 29	42,216	1,370	3.3	3,182	7.7	10,659	25.9	12,810	31.1	13,187	32.0	1,008
30 - 34	36,137	970	2.8	1,381	3.9	5,853	16.7	8,892	25.3	18,006	51.3	1,035
35 - 39	18,598	519	2.9	673	3.7	3,020	16.7	4,347	24.1	9,481	52.6	558
40 - 44	3,784	162	4.4	169	4.6	678	18.4	873	23.7	1,794	48.8	108
45 & Over	250	11	4.5	9	ND	43	17.7	60	24.7	120	49.4	7
Unknown	83	1	ND	8	ND	13	26.0	6	ND	22	44.0	33

* Percent of total live births for each specified age group. Unknowns excluded from calculations.
** Includes an associate degree or some college credit, but no degree.

Notes: Percents based on less than 10 events are considered statistically unreliable and are not displayed (ND). See Technical Notes.
Starting with 2003, the collection process for education data has changed. Some data may not be comparable to previous years. Please refer to Section F of the Technical Notes for further explanation.

Table B-14

Resident Live Births by Age of Mother and Type of Medical Condition
Number and Percent*: Pennsylvania, 2008

Age of Mother (In Years)	Total Births	Risk Factors In This Pregnancy		Infections Present/Treated During This Pregnancy		Maternal Morbidity		Abnormal Conditions of Newborn		Selected Congenital Anomalies**	
		Number	%	Number	%	Number	%	Number	%	Number	%
All Ages	148,934	43,146	29.4	6,748	4.6	1,945	1.3	14,474	9.9	717	0.5
Under 15	158	13	8.2	13	8.2	2	ND	18	11.4	1	ND
15 - 19	13,708	1,858	13.6	1,112	8.2	186	1.4	1,557	11.4	73	0.5
20 - 24	34,000	7,989	23.7	2,161	6.4	387	1.1	3,295	9.8	142	0.4
25 - 29	42,216	11,919	28.7	1,673	4.0	629	1.5	3,934	9.5	187	0.5
30 - 34	36,137	11,946	33.8	1,048	3.0	475	1.3	3,268	9.2	163	0.5
35 - 39	18,598	7,525	41.4	606	3.3	214	1.2	1,897	10.4	101	0.6
40 - 44	3,784	1,732	46.7	122	3.3	48	1.3	454	12.3	45	1.2
45 & Over	250	150	61.2	12	4.9	3	ND	45	18.4	4	ND
Unknown	83	14	21.9	1	ND	1	ND	6	ND	1	ND

* Percent of total live births for each specified age group. Unknowns excluded from calculations.
** See technical notes for qualifications about the reporting of congenital anomalies.

Notes: More than one type of medical condition may be reported for a live birth.
Percents based on less than 10 events are considered statistically unreliable and are not displayed (ND).
Data for medical conditions are for residents who were born in Pennsylvania. See Technical Notes.
Starting with 2003, the collection process for medical condition data has changed. Some data may not be comparable to previous years. Please refer to Section F of the Technical Notes for further explanation.

Table B-15

Resident Live Births, Selected Congenital Anomalies Reported by Type,
Pennsylvania, 2008

Congenital Anomalies	Number
Total Births	148,934
Births with Selected Anomaly(ies) Reported	717
Congenital Malformations of the Nervous System	
Anencephaly	24
Meningomyelocele/Spina Bifida	30
Congenital Malformations of the Circulatory System	
Cyanotic Congenital Heart Disease	160
Cleft Lip and Cleft Palate	
Cleft Lip With or Without Cleft Palate	63
Cleft Palate Alone	37
Congenital Malformations of Genital Organs	
Hypospadias	161
Congenital Malformations and Deformations of the Musculoskeletal System	
Congenital Diaphragmatic Hernia	12
Gastroschisis	43
Limb Reduction Defect	28
Omphalocele	15
Chromosomal Abnormalities	
Down Syndrome	
Karyotype Confirmed	29
Karyotype Pending	65
Suspected Chromosomal Disorder	
Karotype Confirmed	27
Karotype Pending	85
None of the Above	145,790
Unknown	2,427

Notes: More than one type of congenital anomaly may be reported for a live birth.
Data for residents who were not born in Pennsylvania are included as unknown. See Technical Notes.
Starting with 2003, the collection process for congential anomaly data has changed. Some data may not be comparable to previous years. Please refer to Section F of the Technical Notes for further explanation.

Table B-16A
Resident Live Births by Age of Mother and Method of Delivery
Number: Pennsylvania, 2008

Age of Mother (In Years)	Total Births	Method of Delivery							
		Vaginal				Cesarean			Unknown Method
		Total*	VBAC**	Forceps	Vacuum	Total	Primary	Repeat	
All Ages	148,934	101,343	2,441	1,057	6,100	44,987	29,088	15,899	2,604
Under 15	158	135	0	0	11	23	23	0	0
15 - 19	13,708	10,696	56	128	768	2,915	2,647	268	97
20 - 24	34,000	24,821	390	259	1,387	8,819	6,183	2,636	360
25 - 29	42,216	29,279	675	322	1,771	12,185	8,037	4,148	752
30 - 34	36,137	23,341	740	223	1,406	11,967	7,118	4,849	829
35 - 39	18,598	10,855	463	95	614	7,293	4,033	3,260	450
40 - 44	3,784	2,083	110	29	133	1,613	927	686	88
45 & Over	250	93	6	1	6	152	107	45	5
Unknown	83	40	1	0	4	20	13	7	23

* The row total for vaginal does not add since a vaginal delivery may include all, some, or none of the specified types of vaginal delivery.
** Vaginal birth after previous cesarean.
Notes: Data for residents who were not born in Pennsylvania are included as unknown. See Technical Notes.
Starting with 2003, the collection process for method of delivery data has changed. Please refer to Section F of the Technical Notes for further explanation.

Table B-16B
Resident Live Births by Age of Mother and Method of Delivery
Percent*: Pennsylvania, 2008

Age of Mother (In Years)	Total Births	Method of Delivery	
		Vaginal	Cesarean
All Ages	100.0	69.3	30.7
Under 15	100.0	85.4	14.6
15 - 19	100.0	78.6	21.4
20 - 24	100.0	73.8	26.2
25 - 29	100.0	70.6	29.4
30 - 34	100.0	66.1	33.9
35 - 39	100.0	59.8	40.2
40 - 44	100.0	56.4	43.6
45 & Over	100.0	38.0	62.0
Unknown	100.0	66.7	33.3

* Percent of total live births for each specified age group. Unknowns excluded from calculations.
Notes: Percents based on less than 10 events are considered statistically unreliable and are not displayed (ND). See Technical Notes.
Starting with 2003, the collection process for method of delivery data has changed. Please refer to Section F of the Technical Notes for further explanation.

Table B-17A

Resident Live Births by Age of Mother and Principal Source of Payment

Number and Percent*: Pennsylvania, 2008

Age of Mother (In Years)	Total Births	Principal Source of Payment: Private Insurance Number	Private Insurance %	Medicaid Number	Medicaid %	Self-Pay Number	Self-Pay %	Unknown Number
All Ages	148,934	83,544	59.7	43,642	31.2	7,039	5.0	9,104
Under 15	158	36	25.7	89	63.6	5	ND	18
15-19	13,708	3,814	30.1	7,728	60.9	464	3.7	1,024
20-24	34,000	10,897	34.2	17,402	54.6	1,982	6.2	2,130
25-29	42,216	25,273	63.6	10,764	27.1	2,162	5.4	2,456
30-34	36,137	26,498	77.9	4,979	14.6	1,425	4.2	2,121
35-39	18,598	14,029	80.0	2,193	12.5	767	4.4	1,067
40-44	3,784	2,770	78.3	447	12.6	219	6.2	246
45 & Over	250	186	79.1	32	13.6	11	4.7	15
Unknown	83	41	73.2	8	ND	4	ND	27

* Percent of total live births for each specified age group. Unknowns excluded from calculations.

Notes: Table excludes "Other" category as principal source of payment.

Percents based on less than 10 events are considered statistically unreliable and are not displayed (ND). See Technical Notes.

Table B-17B

Resident Live Births by Race and Hispanic Origin of Mother and Principal Source of Payment

Number and Percent*: Pennsylvania, 2008

Race or Ethnicity of Mother	Total Births	Principal Source of Payment: Private Insurance Number	Private Insurance %	Medicaid Number	Medicaid %	Self-Pay Number	Self-Pay %	Unknown Number
All Races	148,934	83,544	59.7	43,642	31.2	7,039	5.0	9,104
White	107,623	68,775	67.1	25,344	24.7	4,967	4.8	5,110
Black	22,430	7,214	36.4	10,961	55.3	561	2.8	2,620
Asian/ Pacific Islander	5,402	3,736	73.5	894	17.6	232	4.6	322
Hispanic Origin	13,883	3,828	29.8	6,674	52.0	1,439	11.2	1,051

* Percent of total live births for each specified racial/ethnic group. Unknowns excluded from calculations.

Notes: Hispanic origin can be of any race.

Table excludes "Other" category as principal source of payment.

Percents based on less than 10 events are considered statistically unreliable and are not displayed (ND). See Technical Notes.

Table B-18

Resident Live Births to Mothers Who Breastfed
by Age, Race, and Hispanic Origin of Mother
Number and Percent*: Pennsylvania, 2008

Age of Mother (In Years)	Mothers Who Breastfed By Race/Hispanic Origin									
	All Races		White		Black		Asian/ Pacific Islander		Hispanic Origin	
	Number	%	Number	%	Number	%	Number	%	Number	%
All Ages	94,789	66.5	70,105	68.1	11,762	54.9	4,174	81.9	9,049	67.6
Under 20	6,741	50.0	3,304	48.2	1,969	46.5	62	59.0	1,495	61.5
20-24	19,350	58.8	12,723	59.2	3,574	53.1	341	71.9	2,832	64.6
25-29	27,851	68.9	21,331	70.2	2,913	57.3	1,273	81.3	2,341	69.7
30-34	25,113	73.2	20,040	73.8	2,007	61.3	1,596	86.5	1,496	74.1
35-39	12,873	73.4	10,405	74.4	1,016	61.4	765	82.1	746	74.6
40 & Over	2,830	74.2	2,280	75.4	281	64.7	136	78.6	136	73.9
Unknown	31	50.8	22	57.9	2	ND	1	ND	3	ND

* Percent of total live births for each specified age/race/ethnic group. Unknowns excluded from calculations.
Notes: Hispanic origin can be of any race.
Percents based on less than 10 events are considered statistically unreliable and are not displayed (ND).

Table B-19

Resident Live Births to Mothers Who Received WIC* Food
by Age, Race, and Hispanic Origin of Mother
Number and Percent: Pennsylvania, 2008**

Age of Mother (In Years)	Mothers Who Received WIC By Race/Hispanic Origin									
	All Races		White		Black		Asian/ Pacific Islander		Hispanic Origin	
	Number	%	Number	%	Number	%	Number	%	Number	%
All Ages	56,082	39.0	31,458	30.3	14,190	65.4	1,348	27.3	9,601	71.2
Under 20	10,360	76.7	5,008	73.0	3,333	78.3	71	70.3	2,086	85.1
20-24	20,399	61.7	12,224	56.7	4,745	69.7	246	52.2	3,406	77.2
25-29	14,029	34.5	8,130	26.5	3,204	61.7	484	32.3	2,282	67.2
30-34	7,315	21.1	3,996	14.5	1,840	55.3	340	19.0	1,180	58.2
35-39	3,267	18.4	1,727	12.1	865	51.6	165	18.2	552	54.6
40 & Over	700	18.2	366	12.0	198	44.7	42	24.0	95	51.1
Unknown	12	23.5	7	ND	5	ND	0	ND	0	ND

* Pennsylvania Women, Infants, and Children Nutrition Program.
** Percent of total live births for each specified age/race/ethnic group. Unknowns excluded from calculations.
Notes: Hispanic origin can be of any race.
Percents based on less than 10 events are considered statistically unreliable and are not displayed (ND).

Table B-20A

Resident Live Births by Age of Mother and Smoking Status Prior and During Pregnancy

Number and Percent*: Pennsylvania, 2008

Age of Mother (In Years)	Total Births	Smoked Three Months Prior to Pregnancy		Smoked During First Three Months of Pregnancy		Smoked During Second Three Months of Pregnancy		Smoked During Last Three Months of Pregnancy		Unknown Smoking Status**
		Number	%	Number	%	Number	%	Number	%	Number
All Ages	148,934	32,212	22.5	23,363	16.3	20,056	14.0	19,395	13.5	5,714
Under 15	158	11	7.2	5	ND	3	ND	2	ND	6
15-19	13,708	3,822	29.1	2,892	22.0	2,398	18.3	2,273	17.3	571
20-24	34,000	11,362	34.6	8,562	26.1	7,340	22.4	7,105	21.7	1,197
25-29	42,216	9,492	23.3	6,679	16.4	5,756	14.2	5,559	13.7	1,550
30-34	36,137	4,841	13.9	3,277	9.4	2,843	8.2	2,767	8.0	1,423
35-39	18,598	2,233	12.5	1,619	9.1	1,409	7.9	1,380	7.7	768
40-44	3,784	419	11.6	303	8.4	286	7.9	287	7.9	157
45 & Over	250	22	9.2	19	7.9	15	6.3	16	6.7	10
Unknown	83	10	19.6	7	ND	6	ND	6	ND	32

* Percent of total live births for each specified age group. Unknowns excluded from calculations.

** Unknown smoking status during first, second, and last three months of pregnancy.

Note: Percents based on less than 10 events are considered statistically unreliable and not displayed (ND). See Technical Notes.

Table B-20B

Resident Live Births by Race and Hispanic Origin of Mother and

Smoking Status Prior and During Pregnancy, Number and Percent*: Pennsylvania, 2008

Race and Hispanic Origin of Mother	Total Births	Smoked Three Months Prior to Pregnancy		Smoked During First Three Months of Pregnancy		Smoked During Second Three Months of Pregnancy		Smoked During Last Three Months of Pregnancy		Unknown Smoking Status**
		Number	%	Number	%	Number	%	Number	%	Number
All Races	148,934	32,212	22.5	23,363	16.3	20,056	14.0	19,395	13.5	5,714
White	107,623	26,350	25.3	19,045	18.3	16,454	15.8	15,879	15.3	3,550
Black	22,430	3,787	17.9	2,908	13.7	2,485	11.7	2,426	11.5	1,251
Asian/ Pacific Islander	5,402	204	3.9	125	2.4	89	1.7	99	1.9	189
Hispanic Origin	13,883	1,889	14.3	1,250	9.4	984	7.4	950	7.2	644

* Percent of total live births for each specified racial/ethnic group. Unknowns excluded from calculations.

** Unknown smoking status during first, second, and last three months of pregnancy.

Notes: Hispanic origin can be of any race.

Percents based on less than 10 events are considered statistically unreliable and are not displayed (ND). See Technical Notes.

Table B-21A
Resident Live Births by Age of Mother and Tobacco Use During Pregnancy
Number and Percent*: Pennsylvania, 2008

Age of Mother (In Years)	Total Births	Tobacco Use During Pregnancy: Yes Number	Yes %	No Number	No %	Unknown Number
All Ages	148,934	24,284	17.0	118,936	83.0	5,714
Under 15	158	5	ND	147	96.7	6
15 - 19	13,708	3,035	23.1	10,102	76.9	571
20 - 24	34,000	8,899	27.1	23,904	72.9	1,197
25 - 29	42,216	6,916	17.0	33,750	83.0	1,550
30 - 34	36,137	3,402	9.8	31,312	90.2	1,423
35 - 39	18,598	1,676	9.4	16,154	90.6	768
40 - 44	3,784	325	9.0	3,302	91.0	157
45 & Over	250	19	7.9	221	92.1	10
Unknown	83	7	ND	44	86.3	32

* Percent of total live births for each specified age group. Unknowns excluded from calculations.

Notes: Percents based on less than 10 events are considered statistically unreliable and are not displayed (ND).
Data for residents who were not born in Pennsylvania are included as unknown. See Technical Notes.
Starting with 2003, the collection process for tobacco use data has changed. Births to mothers who reported smoking during the first, second, or third trimester are considered as using tobacco during pregnancy. Please refer to Section F of the Technical Notes for further explanation.

Table B-21B
Resident Live Births by Race and Hispanic Origin of Mother and Tobacco Use During Pregnancy, Number and Percent*: Pennsylvania, 2008

Race and Hispanic Origin of Mother	Total Births	Tobacco Use During Pregnancy: Yes Number	Yes %	No Number	No %	Unknown Number
All Races	148,934	24,284	17.0	118,936	83.0	5,714
White	107,623	19,706	18.9	84,367	81.1	3,550
Black	22,430	3,092	14.6	18,087	85.4	1,251
Asian/ Pacific Islander	5,402	133	2.6	5,080	97.4	189
Hispanic Origin	13,883	1,328	10.0	11,911	90.0	644

* Percent of total live births for each specified group. Unknowns excluded from calculations.

Notes: Hispanic origin can be of any race.
Data for residents who were not born in Pennsylvania are included as unknown. See Technical Notes.
Starting with 2003, the collection process for tobacco use data has changed. Births to mothers who reported smoking during the first, second, or third trimester are considered as using tobacco during pregnancy. Please refer to Section F of the Technical Notes for further explanation.

Table B-22

Resident Live Births by Race and Hispanic Origin of Mother by County
Total Births, Birth and General Fertility Rates*: Pennsylvania, 2008

County	Total Births	Birth Rate	General Fertility Rate	Race: White	Race: Black	Race: Asian/ Pacific Islander	Hispanic Origin
All Counties	148,934	12.0	60.3	107,623	22,430	5,402	13,883
Adams	1,061	10.5	53.1	933	16	8	144
Allegheny	13,276	10.9	55.9	9,675	2,763	536	199
Armstrong	705	10.2	59.2	695	1	4	4
Beaver	1,796	10.4	56.8	1,558	204	10	29
Bedford	521	10.5	57.4	512	3	1	5
Berks	5,131	12.7	63.9	3,462	337	80	1,461
Blair	1,441	11.5	61.1	1,365	42	7	14
Bradford	681	11.1	59.4	667	1	9	4
Bucks	6,592	10.6	55.9	5,421	354	386	430
Butler	1,999	10.9	56.0	1,902	19	41	28
Cambria	1,451	10.1	56.0	1,341	81	11	28
Cameron	58	11.0	63.7	54	0	3	1
Carbon	686	10.8	54.7	644	18	4	29
Centre	1,223	8.4	32.2	1,074	16	103	20
Chester	6,088	12.4	61.8	4,856	411	397	755
Clarion	418	10.5	50.3	411	2	2	5
Clearfield	800	9.7	56.6	791	4	1	7
Clinton	424	11.4	55.2	417	1	1	4
Columbia	615	9.5	40.8	592	5	4	13
Crawford	954	10.8	53.5	922	11	11	11
Cumberland	2,486	10.8	53.0	2,186	90	96	105
Dauphin	3,565	13.9	70.1	2,064	873	154	443
Delaware	7,047	12.7	62.4	4,376	1,913	399	297
Elk	308	9.5	53.7	304	1	2	0
Erie	3,394	12.2	59.0	2,751	412	43	169
Fayette	1,350	9.4	52.8	1,262	77	6	9
Forest	32	4.7	55.7	32	0	0	0
Franklin	2,029	14.1	73.5	1,773	67	23	167
Fulton	190	12.7	68.1	186	3	0	0
Greene	388	9.9	53.2	380	4	2	4
Huntingdon	494	10.8	61.7	478	8	1	8
Indiana	883	10.1	45.2	857	9	6	5
Jefferson	514	11.4	63.8	505	0	4	5

(Continued)

Table B-22

Resident Live Births by Race and Hispanic Origin of Mother by County
Total Births, Birth and General Fertility Rates*: Pennsylvania, 2008

County	Total Births	Birth Rate	General Fertility Rate	Race: White	Race: Black	Race: Asian/ Pacific Islander	Hispanic Origin
Juniata	278	12.0	67.4	259	0	1	17
Lackawanna	2,315	11.1	56.0	1,966	87	55	242
Lancaster	7,229	14.4	71.5	5,914	315	148	914
Lawrence	923	10.2	54.9	819	74	7	13
Lebanon	1,651	12.8	67.5	1,440	42	23	229
Lehigh	4,307	12.7	65.6	2,515	373	176	1,298
Luzerne	3,191	10.2	54.6	2,639	148	55	371
Lycoming	1,278	11.0	56.3	1,153	86	10	31
McKean	469	10.8	60.2	459	0	5	3
Mercer	1,161	10.0	53.0	1,054	96	4	6
Mifflin	615	13.4	74.3	599	4	3	11
Monroe	1,617	9.8	46.8	1,164	215	29	273
Montgomery	9,529	12.2	63.7	7,167	907	818	720
Montour	202	11.4	61.7	185	4	6	5
Northampton	3,195	10.8	54.6	2,355	212	112	574
Northumberland	1,060	11.6	69.3	1,011	7	4	41
Perry	539	11.9	61.0	527	4	3	6
Philadelphia	23,689	16.4	71.0	6,399	11,404	1,418	3,991
Pike	461	7.7	43.3	405	26	11	40
Potter	200	12.0	64.8	196	1	2	4
Schuylkill	1,559	10.6	62.5	1,477	19	11	74
Snyder	444	11.7	53.3	432	5	0	8
Somerset	697	9.0	54.4	687	2	3	5
Sullivan	53	8.7	52.7	50	2	0	0
Susquehanna	406	9.9	54.2	400	1	2	9
Tioga	430	10.6	53.1	420	3	2	7
Union	371	8.5	47.6	353	5	4	8
Venango	605	11.1	64.0	593	3	2	6
Warren	406	10.0	57.7	398	0	3	5
Washington	2,042	9.9	52.9	1,907	86	19	26
Wayne	437	8.4	52.4	417	10	5	10
Westmoreland	3,363	9.3	52.4	3,179	111	36	30
Wyoming	340	12.2	65.6	327	0	0	10
York	5,272	12.4	63.3	4,311	432	70	493

* Birth rate per 1,000 population for each specified county, 2008.
General fertility rate: Number of total live births per 1,000 females of childbearing age (between the ages of 15 and 44 years), 2008.

Notes: Hispanic origin can be of any race.
Starting with 2003, the collection process for race data has changed. Please refer to Section F of the Technical Notes for further explanation.

Table B-23
Resident Live Births by Race and Hispanic Origin of Mother by County
Number and Average Annual Rate: Pennsylvania, 2004-2008

County	Total Births 2004-2008	Birth Rate*	Race: White	Race: Black	Race: Asian/ Pacific Islander	Hispanic Origin
All Counties	737,189	11.9	544,737	106,370	27,692	64,498
Adams	5,523	11.0	4,808	79	59	743
Allegheny	65,888	10.7	48,654	13,406	2,730	987
Armstrong	3,585	10.2	3,530	19	13	27
Beaver	8,918	10.2	7,859	913	62	129
Bedford	2,548	10.2	2,506	13	12	26
Berks	25,455	12.8	18,430	1,438	508	6,985
Blair	7,230	11.4	6,931	154	51	86
Bradford	3,738	12.0	3,673	13	37	21
Bucks	34,085	11.0	28,601	1,568	1,922	2,099
Butler	10,013	11.0	9,659	83	183	108
Cambria	7,468	10.2	7,044	317	65	111
Cameron	263	9.6	253	1	6	3
Carbon	3,220	10.3	3,048	54	28	128
Centre	6,443	9.1	5,655	105	530	131
Chester	30,619	12.8	25,075	1,812	1,801	3,574
Clarion	2,020	10.0	1,986	9	11	22
Clearfield	4,037	9.8	3,980	15	20	31
Clinton	2,162	11.6	2,114	13	14	23
Columbia	3,141	9.7	3,016	29	42	70
Crawford	5,118	11.5	4,939	84	51	58
Cumberland	12,111	10.7	10,834	364	472	395
Dauphin	17,185	13.5	10,391	3,985	787	1,956
Delaware	34,574	12.5	22,160	8,784	2,136	1,246
Elk	1,544	9.3	1,522	5	11	7
Erie	16,867	12.0	13,738	2,025	261	864
Fayette	7,019	9.7	6,565	389	25	58
Forest	182	5.9	178	1	1	1
Franklin	9,535	13.7	8,417	315	117	742
Fulton	910	12.3	890	10	5	6
Greene	2,064	10.4	2,030	14	6	15
Huntingdon	2,272	9.9	2,207	27	15	18
Indiana	4,336	9.8	4,202	49	40	37
Jefferson	2,498	11.0	2,472	2	16	21

(Continued)

Table B-23

Resident Live Births by Race and Hispanic Origin of Mother by County
Number and Average Annual Rate: Pennsylvania, 2004-2008

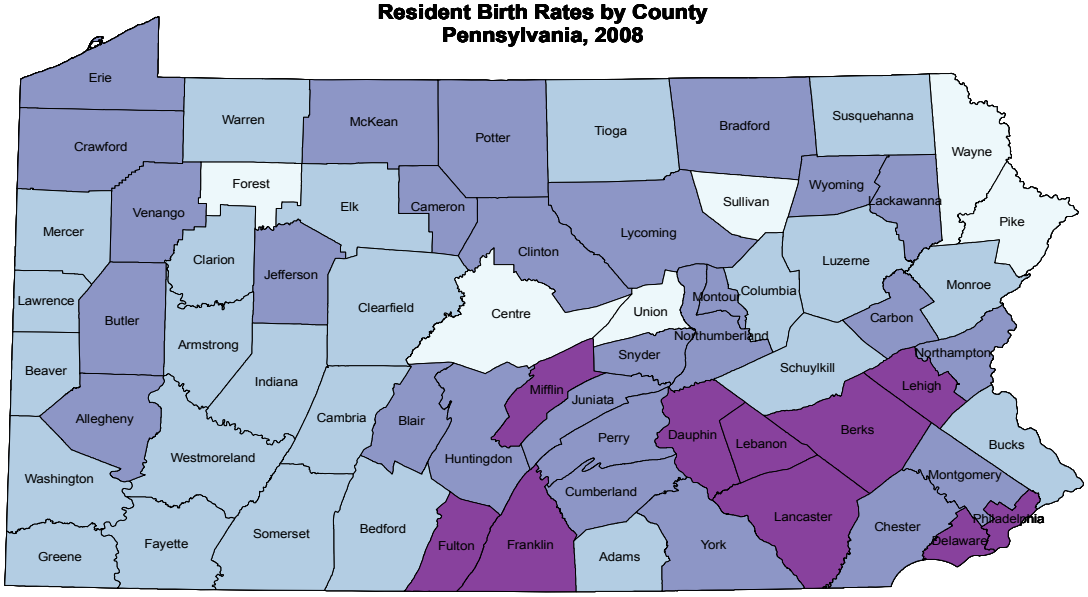
County	Total Births 2004-2008	Birth Rate*	Race: White	Race: Black	Race: Asian/ Pacific Islander	Hispanic Origin
Juniata	1,410	12.1	1,328	2	13	72
Lackawanna	11,481	11.0	10,027	399	265	1,100
Lancaster	35,338	14.3	29,359	1,444	822	4,103
Lawrence	4,626	10.1	4,214	284	50	64
Lebanon	8,083	12.8	7,254	160	115	1,059
Lehigh	21,368	12.8	13,230	1,501	901	6,214
Luzerne	15,946	10.2	13,739	583	272	1,557
Lycoming	6,639	11.3	6,032	455	58	122
McKean	2,378	10.8	2,320	6	29	25
Mercer	5,896	10.0	5,339	467	52	43
Mifflin	2,987	12.9	2,902	24	17	55
Monroe	7,989	9.8	5,750	949	211	1,225
Montgomery	47,444	12.2	36,820	4,203	4,007	3,378
Montour	1,064	11.9	992	14	34	18
Northampton	15,781	10.9	12,080	905	536	2,584
Northumberland	5,030	11.0	4,808	52	35	164
Perry	2,734	12.2	2,674	9	15	38
Philadelphia	113,896	15.6	30,867	55,744	7,205	18,586
Pike	2,219	7.7	1,938	118	36	185
Potter	1,014	11.6	988	6	12	14
Schuylkill	7,378	10.0	7,018	93	68	256
Snyder	2,327	12.2	2,249	24	15	37
Somerset	3,597	9.2	3,564	4	17	17
Sullivan	271	8.6	266	2	3	2
Susquehanna	2,010	9.7	1,967	4	21	35
Tioga	2,076	10.1	2,036	7	17	26
Union	2,006	9.3	1,932	32	12	36
Venango	3,060	11.1	2,998	18	19	32
Warren	1,988	9.6	1,959	2	14	15
Washington	10,247	9.9	9,603	380	120	140
Wayne	2,314	9.1	2,213	31	30	76
Westmoreland	16,811	9.2	15,943	507	177	155
Wyoming	1,598	11.4	1,551	5	11	44
York	25,612	12.4	21,410	1,841	446	2,293

* Birth rate per 1,000 population for each specified county, 2004-2008.

Notes: Hispanic origin can be of any race.
Starting with 2003, the collection process for race data has changed. Please refer to Section F of the Technical Notes for further explanation.

Figure B-8

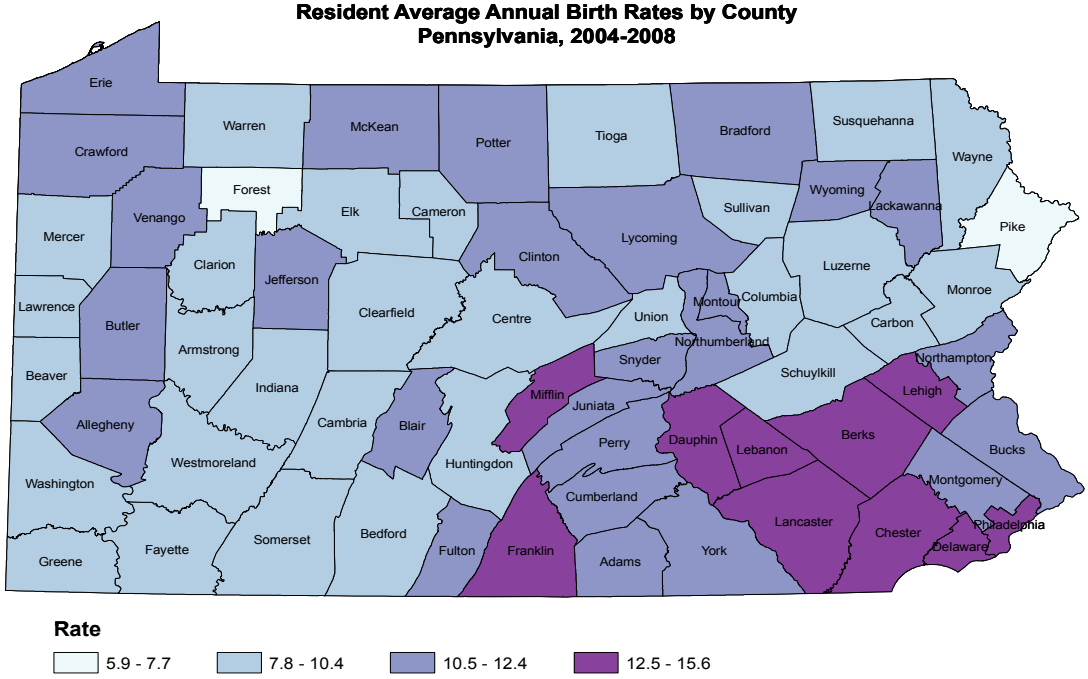
Resident Birth Rates by County
Pennsylvania, 2008



Note: Rate per 1,000 population, 2008. See Table B-22 for county rates.

Figure B-9

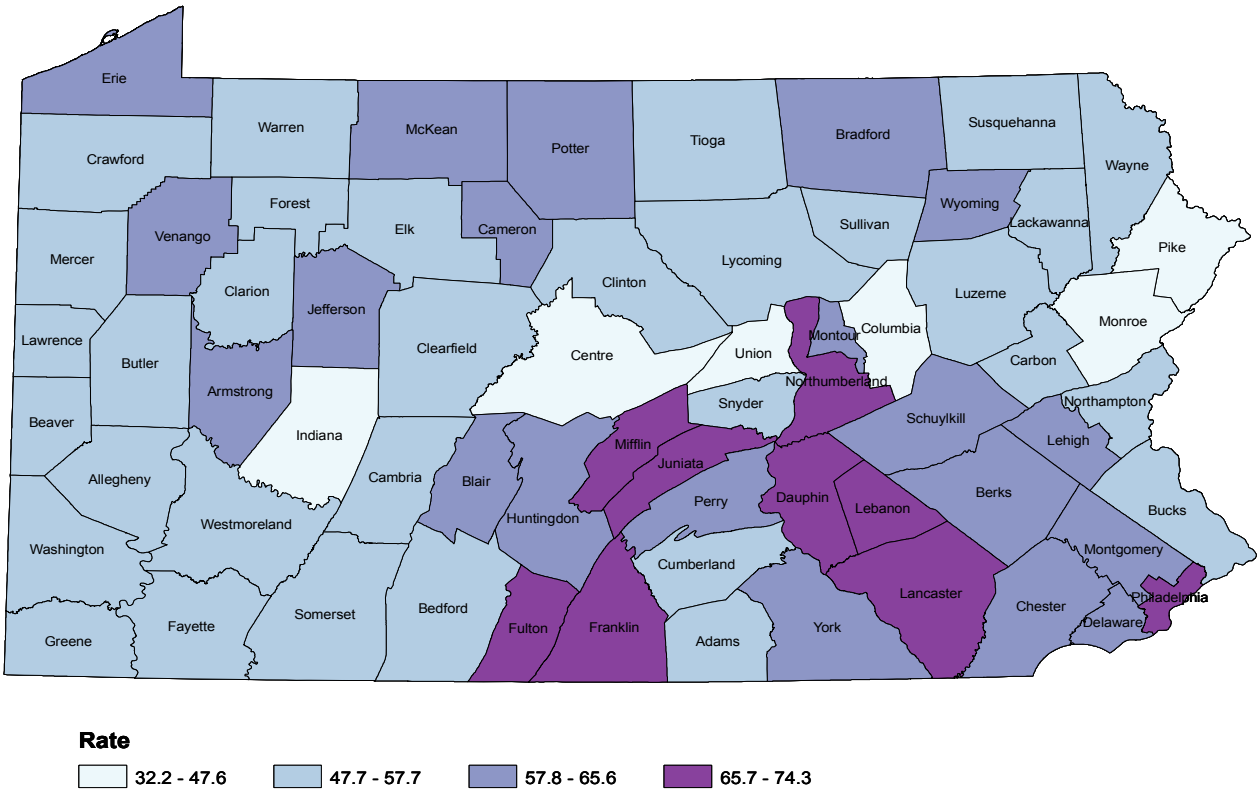
Resident Average Annual Birth Rates by County
Pennsylvania, 2004-2008



Note: Rate per 1,000 population, 2004-2008. See Table B-23 for county rates.

Figure B-10

General Fertility Rates by County
Pennsylvania Residents, 2008



Note: General fertility rate is the number of live births per 1,000 females between the ages of 15 and 44 years.
See Table B-22 for county rates.

Table B-24
Resident Live Births by Age of Mother and County
Pennsylvania, 2008

County	Total Births	Age of Mother (In Years) Under 15	15 - 19	20 - 24	25 - 29	30 - 34	35 - 39	40 - 44	45 & Over	Unknown
All Counties	148,934	158	13,708	34,000	42,216	36,137	18,598	3,784	250	83
Adams	1,061	0	115	254	332	237	100	19	4	0
Allegheny	13,276	13	1,035	2,480	3,767	3,681	1,883	374	36	7
Armstrong	705	0	69	195	231	129	71	10	0	0
Beaver	1,796	3	168	443	532	431	186	31	2	0
Bedford	521	0	49	150	161	97	53	9	0	2
Berks	5,131	9	563	1,308	1,461	1,112	569	102	5	2
Blair	1,441	1	146	415	442	285	131	20	1	0
Bradford	681	0	79	219	196	116	61	8	2	0
Bucks	6,592	1	285	943	1,769	2,099	1,208	250	19	18
Butler	1,999	1	120	348	587	591	299	50	3	0
Cambria	1,451	0	137	402	441	307	140	24	0	0
Cameron	58	0	3	17	23	9	4	2	0	0
Carbon	686	1	65	171	200	153	80	15	1	0
Centre	1,223	0	52	218	366	395	149	41	1	1
Chester	6,088	3	269	769	1,524	1,981	1,220	299	22	1
Clarion	418	1	33	128	141	67	37	8	2	1
Clearfield	800	0	58	267	242	157	64	11	1	0
Clinton	424	0	33	131	136	80	35	7	2	0
Columbia	615	0	60	151	191	130	65	17	1	0
Crawford	954	0	85	302	305	160	82	18	1	1
Cumberland	2,486	0	177	539	727	664	308	69	2	0
Dauphin	3,565	2	402	934	1,070	718	372	62	5	0
Delaware	7,047	16	513	1,234	1,804	2,025	1,188	248	13	6
Elk	308	0	20	77	118	60	30	3	0	0
Erie	3,394	3	407	932	986	664	331	65	6	0
Fayette	1,350	4	160	380	372	276	137	20	1	0
Forest	32	0	2	12	9	7	2	0	0	0
Franklin	2,029	2	201	570	632	416	173	33	1	1
Fulton	190	0	9	74	53	32	16	6	0	0
Greene	388	0	44	116	112	79	30	7	0	0
Huntingdon	494	0	45	162	136	92	45	14	0	0
Indiana	883	0	59	261	296	162	88	16	1	0
Jefferson	514	0	59	169	162	85	35	4	0	0

(Continued)

Table B-24
Resident Live Births by Age of Mother and County
Pennsylvania, 2008

County	Total Births	Age of Mother (In Years) Under 15	15 - 19	20 - 24	25 - 29	30 - 34	35 - 39	40 - 44	45 & Over	Unknown
Juniata	278	0	22	81	89	49	28	8	1	0
Lackawanna	2,315	4	195	511	653	572	305	73	2	0
Lancaster	7,229	2	595	1,855	2,221	1,564	817	167	7	1
Lawrence	923	0	105	237	293	199	75	14	0	0
Lebanon	1,651	0	158	428	513	355	159	36	0	2
Lehigh	4,307	4	471	1,001	1,182	984	559	97	7	2
Luzerne	3,191	2	340	819	864	716	391	57	1	1
Lycoming	1,278	0	140	395	372	227	116	27	1	0
McKean	469	0	63	157	128	81	32	8	0	0
Mercer	1,161	0	119	320	340	253	107	21	0	1
Mifflin	615	0	54	210	192	101	45	12	1	0
Monroe	1,617	0	146	336	438	389	264	44	0	0
Montgomery	9,529	8	374	1,170	2,424	3,308	1,821	386	29	9
Montour	202	0	9	42	77	49	20	5	0	0
Northampton	3,195	4	265	606	906	869	458	85	2	0
Northumberland	1,060	1	105	318	327	203	83	22	1	0
Perry	539	0	55	156	169	109	37	9	4	0
Philadelphia	23,689	63	3,462	6,343	6,382	4,699	2,190	491	42	17
Pike	461	0	34	81	122	127	74	22	1	0
Potter	200	0	21	74	53	30	19	3	0	0
Schuylkill	1,559	0	146	434	503	293	152	30	0	1
Snyder	444	1	35	135	123	101	40	8	1	0
Somerset	697	0	50	217	211	125	82	9	2	1
Sullivan	53	0	5	18	20	5	2	0	1	2
Susquehanna	406	0	40	121	117	87	36	5	0	0
Tioga	430	0	50	140	129	74	32	5	0	0
Union	371	0	21	107	106	84	38	13	2	0
Venango	605	0	68	189	202	97	39	9	0	1
Warren	406	0	41	113	133	77	38	3	1	0
Washington	2,042	1	173	431	574	543	269	47	3	1
Wayne	437	1	21	104	142	107	47	13	2	0
Westmoreland	3,363	1	258	686	1,017	892	424	80	4	1
Wyoming	340	0	33	95	107	72	28	5	0	0
York	5,272	6	512	1,299	1,563	1,199	579	108	3	3

Table B-25
Resident Live Births by Birth Weight and County
Number and Percent*: Pennsylvania, 2008

		Birth Weight										
	Total	0 - 1499 Grams		1500 - 2499 Grams		2500 -3499 Grams		3500 - 4499 Grams		4500 Grams and Over		Unknown Weight
County	Births	Number	%	Number	%	Number	%	Number	%	Number	%	Number
All Counties	148,934	2,430	1.6	9,871	6.6	82,000	55.2	52,406	35.3	1,741	1.2	486
Adams	1,061	10	0.9	69	6.5	591	55.8	381	35.9	9	ND	1
Allegheny	13,276	225	1.7	954	7.2	7,329	55.3	4,592	34.7	144	1.1	32
Armstrong	705	7	ND	46	6.5	407	57.7	238	33.8	7	ND	0
Beaver	1,796	31	1.7	105	5.9	954	53.3	671	37.5	29	1.6	6
Bedford	521	9	ND	24	4.6	271	52.0	211	40.5	6	ND	0
Berks	5,131	80	1.6	329	6.4	2,841	55.4	1,816	35.4	63	1.2	2
Blair	1,441	11	0.8	100	7.0	811	56.4	501	34.8	15	1.0	3
Bradford	681	15	2.2	37	5.4	342	50.2	276	40.5	11	1.6	0
Bucks	6,592	93	1.4	370	5.7	3,453	53.0	2,512	38.6	87	1.3	77
Butler	1,999	32	1.6	123	6.2	1,058	53.0	762	38.1	23	1.2	1
Cambria	1,451	17	1.2	112	7.7	901	62.1	409	28.2	11	0.8	1
Cameron	58	0	ND	2	ND	37	63.8	19	32.8	0	ND	0
Carbon	686	8	ND	41	6.0	404	59.0	225	32.8	7	ND	1
Centre	1,223	13	1.1	69	5.7	654	53.6	465	38.1	20	1.6	2
Chester	6,088	59	1.0	307	5.0	3,141	51.7	2,480	40.8	93	1.5	8
Clarion	418	8	ND	21	5.1	240	57.8	135	32.5	11	2.7	3
Clearfield	800	5	ND	51	6.4	469	58.6	268	33.5	7	ND	0
Clinton	424	4	ND	30	7.1	235	55.6	154	36.4	0	ND	1
Columbia	615	5	ND	27	4.4	353	57.4	226	36.7	4	ND	0
Crawford	954	14	1.5	58	6.1	550	57.8	311	32.7	18	1.9	3
Cumberland	2,486	24	1.0	139	5.6	1,298	52.3	990	39.9	33	1.3	2
Dauphin	3,565	66	1.9	272	7.6	1,937	54.4	1,253	35.2	32	0.9	5
Delaware	7,047	144	2.0	437	6.2	3,742	53.2	2,603	37.0	108	1.5	13
Elk	308	6	ND	15	4.9	191	62.0	95	30.8	1	ND	0
Erie	3,394	72	2.1	220	6.5	1,940	57.2	1,131	33.4	26	0.8	5
Fayette	1,350	20	1.5	114	8.5	774	57.4	431	32.0	9	ND	2
Forest	32	1	ND	3	ND	18	56.3	9	ND	1	ND	0
Franklin	2,029	20	1.0	150	7.4	1,113	55.0	728	36.0	13	0.6	5
Fulton	190	1	ND	9	ND	112	59.6	62	33.0	4	ND	2
Greene	388	10	2.6	20	5.2	221	57.0	135	34.8	2	ND	0
Huntingdon	494	3	ND	29	5.9	268	54.3	182	36.8	12	2.4	0
Indiana	883	10	1.1	60	6.8	495	56.1	305	34.6	12	1.4	1
Jefferson	514	5	ND	32	6.2	303	58.9	170	33.1	4	ND	0

(Continued)

Table B-25
Resident Live Births by Birth Weight and County
Number and Percent*: Pennsylvania, 2008

		Birth Weight										
		0 - 1499 Grams		1500 - 2499 Grams		2500 - 3499 Grams		3500 - 4499 Grams		4500 Grams and Over		Unknown Weight
County	Total Births	Number	%	Number	%	Number	%	Number	%	Number	%	Number
Juniata	278	2	ND	4	ND	143	51.4	122	43.9	7	ND	0
Lackawanna	2,315	48	2.1	176	7.6	1,297	56.1	771	33.3	22	1.0	1
Lancaster	7,229	79	1.1	382	5.3	3,730	51.6	2,911	40.3	120	1.7	7
Lawrence	923	16	1.7	66	7.2	546	59.2	288	31.2	6	ND	1
Lebanon	1,651	28	1.7	112	6.8	847	51.4	642	38.9	20	1.2	2
Lehigh	4,307	71	1.7	270	6.3	2,367	55.0	1,553	36.1	41	1.0	5
Luzerne	3,191	59	1.9	195	6.1	1,822	57.1	1,081	33.9	32	1.0	2
Lycoming	1,278	15	1.2	69	5.4	741	58.0	447	35.0	5	ND	1
McKean	469	5	ND	49	10.4	291	62.0	121	25.8	3	ND	0
Mercer	1,161	11	0.9	71	6.1	667	57.5	399	34.4	11	0.9	2
Mifflin	615	8	ND	33	5.4	313	50.9	244	39.7	17	2.8	0
Monroe	1,617	22	1.4	102	6.3	899	55.7	582	36.0	10	0.6	2
Montgomery	9,529	146	1.5	556	5.8	4,952	52.0	3,702	38.9	161	1.7	12
Montour	202	1	ND	8	ND	111	55.0	75	37.1	7	ND	0
Northampton	3,195	62	1.9	251	7.9	1,746	54.8	1,105	34.7	21	0.7	10
Northumberland	1,060	20	1.9	65	6.1	582	54.9	383	36.1	10	0.9	0
Perry	539	6	ND	32	5.9	280	52.0	210	39.0	10	1.9	1
Philadelphia	23,689	560	2.4	2,034	8.7	14,009	59.8	6,648	28.4	195	0.8	243
Pike	461	7	ND	28	6.1	224	48.6	199	43.2	3	ND	0
Potter	200	4	ND	6	ND	118	59.0	70	35.0	2	ND	0
Schuylkill	1,559	18	1.2	117	7.5	853	54.7	551	35.3	20	1.3	0
Snyder	444	11	2.5	24	5.4	221	49.8	181	40.8	7	ND	0
Somerset	697	14	2.0	39	5.6	399	57.3	235	33.8	9	ND	1
Sullivan	53	4	ND	4	ND	26	49.1	18	34.0	1	ND	0
Susquehanna	406	4	ND	27	6.7	214	52.7	154	37.9	7	ND	0
Tioga	430	4	ND	19	4.4	234	54.4	164	38.1	9	ND	0
Union	371	10	2.7	12	3.2	198	53.4	144	38.8	7	ND	0
Venango	605	3	ND	39	6.5	329	54.7	220	36.6	10	1.7	4
Warren	406	2	ND	21	5.2	209	51.7	163	40.3	9	ND	2
Washington	2,042	27	1.3	128	6.3	1,141	56.0	719	35.3	24	1.2	3
Wayne	437	5	ND	21	4.8	232	53.1	175	40.0	4	ND	0
Westmoreland	3,363	49	1.5	193	5.8	1,846	55.0	1,225	36.5	41	1.2	9
Wyoming	340	3	ND	14	4.1	187	55.0	128	37.6	8	ND	0
York	5,272	78	1.5	329	6.2	2,773	52.6	2,030	38.5	60	1.1	2

* Percent of total live births for each specified county. Unknowns excluded from calculations.

Notes: Very low birth weight is defined as 1499 grams and less.
Low birth weight is defined as 2499 grams and less.
Percents based on less than 10 events are considered statistically unreliable and are not displayed (ND). See Technical Notes.

Table B-26

Resident Live Births by Birth Weight and County

Number and Percent*: Pennsylvania, Five-Year Summary, 2004-2008

		Birth Weight										
	Total Births	0 - 1499 Grams		1500 - 2499 Grams		2500 - 3499 Grams		3500 - 4499 Grams		4500 Grams and Over		Unknown Weight
County	2004-2008	Number	%	Number	%	Number	%	Number	%	Number	%	Number
All Counties	737,189	11,768	1.6	49,259	6.7	401,263	54.8	260,592	35.6	9,335	1.3	4,972
Adams	5,523	82	1.5	324	5.9	3,084	56.0	1,952	35.4	67	1.2	14
Allegheny	65,888	1,142	1.7	4,626	7.0	36,043	54.8	23,108	35.2	800	1.2	169
Armstrong	3,585	54	1.5	203	5.7	2,086	58.3	1,207	33.7	30	0.8	5
Beaver	8,918	135	1.5	567	6.4	4,628	52.0	3,422	38.4	149	1.7	17
Bedford	2,548	29	1.1	137	5.4	1,366	53.7	981	38.5	33	1.3	2
Berks	25,455	385	1.5	1,587	6.2	13,878	54.6	9,267	36.4	309	1.2	29
Blair	7,230	76	1.1	447	6.2	4,092	56.7	2,544	35.2	61	0.8	10
Bradford	3,738	53	1.4	219	5.9	1,832	49.0	1,551	41.5	82	2.2	1
Bucks	34,085	398	1.2	1,908	5.9	16,687	51.8	12,732	39.5	507	1.6	1,853
Butler	10,013	121	1.2	570	5.7	5,261	52.6	3,944	39.4	106	1.1	11
Cambria	7,468	111	1.5	583	7.8	4,450	59.6	2,262	30.3	56	0.8	6
Cameron	263	0	ND	11	4.2	165	62.7	82	31.2	5	ND	0
Carbon	3,220	39	1.2	198	6.2	1,847	57.5	1,087	33.9	39	1.2	10
Centre	6,443	53	0.8	368	5.7	3,489	54.2	2,450	38.1	75	1.2	8
Chester	30,619	372	1.2	1,719	5.6	15,514	50.7	12,426	40.6	539	1.8	49
Clarion	2,020	29	1.4	127	6.3	1,110	55.2	698	34.7	46	2.3	10
Clearfield	4,037	57	1.4	248	6.2	2,291	56.8	1,391	34.5	45	1.1	5
Clinton	2,162	14	0.6	125	5.8	1,192	55.2	809	37.5	18	0.8	4
Columbia	3,141	30	1.0	202	6.4	1,765	56.2	1,109	35.3	33	1.1	2
Crawford	5,118	63	1.2	279	5.5	2,849	55.8	1,845	36.2	67	1.3	15
Cumberland	12,111	142	1.2	697	5.8	6,244	51.7	4,811	39.9	174	1.4	43
Dauphin	17,185	292	1.7	1,248	7.3	9,473	55.4	5,901	34.5	198	1.2	73
Delaware	34,574	572	1.7	2,278	6.6	18,124	52.6	12,963	37.6	552	1.6	85
Elk	1,544	22	1.4	111	7.2	872	56.5	521	33.8	17	1.1	1
Erie	16,867	284	1.7	1,144	6.8	9,769	58.0	5,515	32.7	142	0.8	13
Fayette	7,019	111	1.6	561	8.0	4,124	58.8	2,152	30.7	60	0.9	11
Forest	182	3	ND	15	8.3	106	58.6	55	30.4	2	ND	1
Franklin	9,535	108	1.1	625	6.6	5,112	53.8	3,545	37.3	119	1.3	26
Fulton	910	14	1.6	62	6.9	504	55.8	308	34.1	15	1.7	7
Greene	2,064	31	1.5	148	7.2	1,176	57.0	690	33.4	18	0.9	1
Huntingdon	2,272	24	1.1	145	6.4	1,224	53.9	839	37.0	37	1.6	3
Indiana	4,336	51	1.2	296	6.8	2,432	56.1	1,509	34.8	45	1.0	3
Jefferson	2,498	34	1.4	171	6.9	1,418	56.9	846	33.9	25	1.0	4

(Continued)

Table B-26

Resident Live Births by Birth Weight and County

Number and Percent*: Pennsylvania, Five-Year Summary, 2004-2008

		Birth Weight										
	Total Births	0 - 1499 Grams		1500 - 2499 Grams		2500 - 3499 Grams		3500 - 4499 Grams		4500 Grams and Over		Unknown Weight
County	2004-2008	Number	%	Number	%	Number	%	Number	%	Number	%	Number
Juniata	1,410	14	1.0	56	4.0	703	50.0	600	42.7	33	2.3	4
Lackawanna	11,481	186	1.6	821	7.2	6,270	54.9	4,003	35.0	149	1.3	52
Lancaster	35,338	440	1.2	1,902	5.4	17,605	49.9	14,718	41.7	590	1.7	83
Lawrence	4,626	77	1.7	321	7.0	2,752	59.6	1,422	30.8	45	1.0	9
Lebanon	8,083	118	1.5	518	6.4	4,181	51.9	3,138	38.9	104	1.3	24
Lehigh	21,368	350	1.6	1,424	6.7	11,778	55.3	7,500	35.2	237	1.1	79
Luzerne	15,946	250	1.6	1,060	6.7	9,062	57.0	5,385	33.8	153	1.0	36
Lycoming	6,639	78	1.2	386	5.8	3,690	55.7	2,415	36.4	60	0.9	10
McKean	2,378	32	1.3	177	7.5	1,422	59.9	721	30.4	20	0.8	6
Mercer	5,896	55	0.9	332	5.6	3,430	58.3	1,992	33.9	71	1.2	16
Mifflin	2,987	31	1.0	172	5.8	1,455	48.8	1,266	42.4	60	2.0	3
Monroe	7,989	110	1.4	540	6.9	4,333	55.6	2,712	34.8	94	1.2	200
Montgomery	47,444	648	1.4	2,789	5.9	24,557	51.9	18,485	39.1	819	1.7	146
Montour	1,064	10	0.9	48	4.5	565	53.2	416	39.1	24	2.3	1
Northampton	15,781	236	1.5	1,163	7.4	8,883	56.6	5,265	33.5	155	1.0	79
Northumberland	5,030	71	1.4	358	7.1	2,750	54.7	1,774	35.3	74	1.5	3
Perry	2,734	33	1.2	164	6.0	1,421	52.2	1,060	38.9	45	1.7	11
Philadelphia	113,896	2,894	2.6	9,989	8.9	66,811	59.5	31,674	28.2	1,009	0.9	1,519
Pike	2,219	34	1.6	120	5.6	1,107	51.2	861	39.8	40	1.9	57
Potter	1,014	9	ND	70	6.9	552	54.4	368	36.3	15	1.5	0
Schuylkill	7,378	79	1.1	503	6.8	4,077	55.3	2,615	35.5	100	1.4	4
Snyder	2,327	34	1.5	110	4.7	1,173	50.5	953	41.0	53	2.3	4
Somerset	3,597	55	1.5	221	6.1	2,022	56.3	1,243	34.6	53	1.5	3
Sullivan	271	10	3.7	13	4.8	153	56.5	92	33.9	3	ND	0
Susquehanna	2,010	26	1.3	115	5.7	1,084	54.0	753	37.5	29	1.4	3
Tioga	2,076	18	0.9	112	5.4	1,131	54.5	788	38.0	27	1.3	0
Union	2,006	29	1.4	90	4.5	1,022	50.9	815	40.6	50	2.5	0
Venango	3,060	40	1.3	173	5.7	1,687	55.4	1,106	36.3	37	1.2	17
Warren	1,988	18	0.9	101	5.1	1,030	52.0	801	40.4	31	1.6	7
Washington	10,247	124	1.2	635	6.2	5,567	54.5	3,780	37.0	116	1.1	25
Wayne	2,314	31	1.3	130	5.6	1,178	51.2	940	40.9	22	1.0	13
Westmoreland	16,811	239	1.4	991	5.9	9,279	55.3	6,082	36.2	189	1.1	31
Wyoming	1,598	14	0.9	76	4.8	832	52.2	643	40.3	30	1.9	3
York	25,612	444	1.7	1,630	6.4	13,494	52.8	9,684	37.9	327	1.3	33

* Percent of total live births for each specified county. Unknowns excluded from calculations.

Notes: Very low birth weight is defined as 1499 grams and less.
Low birth weight is defined as 2499 grams and less.
Percents based on less than 10 events are considered statistically unreliable and are not displayed (ND). See Technical Notes.

Table B-27
Resident Live Births by Pre-Pregancy Weight Status* and County
Number and Percent: Pennsylvania, 2008

	Total	Underweight		Normal Weight		Overweight		Obese		Unknown
	Births	Number	%	Number	%	Number	%	Number	%	Number
All Counties	148,934	5,782	4.3	68,086	50.8	31,628	23.6	28,432	21.2	15,006
Adams	1,061	29	3.1	433	46.6	220	23.7	248	26.7	131
Allegheny	13,276	312	4.0	4,357	55.3	1,798	22.8	1,418	18.0	5,391
Armstrong	705	33	5.0	305	46.6	157	24.0	159	24.3	51
Beaver	1,796	66	4.1	825	50.7	359	22.1	376	23.1	170
Bedford	521	23	4.8	240	50.1	99	20.7	117	24.4	42
Berks	5,131	184	3.7	2,456	49.4	1,262	25.4	1,070	21.5	159
Blair	1,441	71	5.0	720	51.0	296	21.0	324	23.0	30
Bradford	681	24	3.7	297	45.5	146	22.4	186	28.5	28
Bucks	6,592	222	3.8	3,208	54.7	1,367	23.3	1,073	18.3	722
Butler	1,999	68	4.3	850	53.8	352	22.3	311	19.7	418
Cambria	1,451	70	4.9	701	48.9	357	24.9	307	21.4	16
Cameron	58	0	ND	30	55.6	10	18.5	14	25.9	4
Carbon	686	28	4.2	312	47.2	151	22.8	170	25.7	25
Centre	1,223	58	4.8	645	53.8	284	23.7	213	17.8	23
Chester	6,088	200	3.7	3,296	60.5	1,212	22.3	737	13.5	643
Clarion	418	28	7.3	175	45.3	87	22.5	96	24.9	32
Clearfield	800	41	5.2	353	44.7	197	25.0	198	25.1	11
Clinton	424	20	4.9	199	48.4	98	23.8	94	22.9	13
Columbia	615	22	3.7	272	45.6	135	22.7	167	28.0	19
Crawford	954	42	4.6	434	47.5	217	23.8	220	24.1	41
Cumberland	2,486	93	3.9	1,277	53.2	573	23.9	458	19.1	85
Dauphin	3,565	148	4.3	1,689	49.4	804	23.5	777	22.7	147
Delaware	7,047	281	4.2	3,595	54.0	1,576	23.7	1,206	18.1	389
Elk	308	13	4.3	148	48.5	71	23.3	73	23.9	3
Erie	3,394	141	4.3	1,607	48.6	804	24.3	753	22.8	89
Fayette	1,350	65	5.6	510	44.2	260	22.5	319	27.6	196
Forest	32	2	ND	18	58.1	3	ND	8	ND	1
Franklin	2,029	84	5.0	803	47.3	431	25.4	378	22.3	333
Fulton	190	11	7.3	64	42.4	31	20.5	45	29.8	39
Greene	388	14	5.3	117	44.2	60	22.6	74	27.9	123
Huntingdon	494	21	4.3	211	43.3	104	21.4	151	31.0	7
Indiana	883	46	5.4	408	47.8	201	23.6	198	23.2	30
Jefferson	514	30	5.9	239	47.0	120	23.6	120	23.6	5

(Continued)

Table B-27
Resident Live Births by Pre-Pregancy Weight Status* and County
Number and Percent: Pennsylvania, 2008

	Total	Underweight		Normal Weight		Overweight		Obese		Unknown
	Births	Number	%	Number	%	Number	%	Number	%	Number
Juniata	278	10	3.8	121	45.8	67	25.4	66	25.0	14
Lackawanna	2,315	110	4.9	1,056	47.4	525	23.6	538	24.1	86
Lancaster	7,229	234	3.3	3,876	55.3	1,635	23.3	1,264	18.0	220
Lawrence	923	41	4.8	394	46.4	210	24.7	204	24.0	74
Lebanon	1,651	72	4.5	786	48.7	384	23.8	371	23.0	38
Lehigh	4,307	179	4.4	2,097	51.1	953	23.2	877	21.4	201
Luzerne	3,191	175	5.6	1,531	49.3	689	22.2	713	22.9	83
Lycoming	1,278	57	4.6	621	49.8	288	23.1	280	22.5	32
McKean	469	25	5.6	190	42.7	92	20.7	138	31.0	24
Mercer	1,161	40	3.7	494	46.0	287	26.7	253	23.6	87
Mifflin	615	29	5.2	254	45.4	123	22.0	153	27.4	56
Monroe	1,617	75	5.2	663	46.1	337	23.4	364	25.3	178
Montgomery	9,529	375	4.1	5,272	57.2	2,110	22.9	1,455	15.8	317
Montour	202	6	ND	97	50.0	44	22.7	47	24.2	8
Northampton	3,195	117	4.0	1,442	49.3	724	24.7	644	22.0	268
Northumberland	1,060	29	2.8	460	44.9	228	22.3	307	30.0	36
Perry	539	24	4.5	236	44.7	122	23.1	146	27.7	11
Philadelphia	23,689	1,012	4.6	10,507	47.6	5,431	24.6	5,106	23.2	1,633
Pike	461	11	3.8	126	43.2	82	28.1	73	25.0	169
Potter	200	8	ND	73	39.0	50	26.7	56	29.9	13
Schuylkill	1,559	76	5.0	762	49.8	336	22.0	355	23.2	30
Snyder	444	15	3.6	188	44.5	108	25.6	111	26.3	22
Somerset	697	20	3.0	328	49.8	150	22.8	161	24.4	38
Sullivan	53	0	ND	25	50.0	11	22.0	14	28.0	3
Susquehanna	406	20	5.3	163	42.9	109	28.7	88	23.2	26
Tioga	430	18	4.4	185	44.8	93	22.5	117	28.3	17
Union	371	19	5.3	168	46.7	93	25.8	80	22.2	11
Venango	605	28	5.0	259	46.3	136	24.3	137	24.5	45
Warren	406	22	5.7	170	44.2	97	25.2	96	24.9	21
Washington	2,042	79	4.9	846	52.2	357	22.0	338	20.9	422
Wayne	437	22	5.2	203	48.2	100	23.8	96	22.8	16
Westmoreland	3,363	130	4.8	1,354	49.8	640	23.5	594	21.9	645
Wyoming	340	24	7.3	154	46.8	77	23.4	74	22.5	11
York	5,272	190	4.2	2,191	48.3	1,098	24.2	1,058	23.3	735

*Weight status based on Body Mass Index (BMI) as defined by the Centers for Disease Control (CDC). See Technical Notes.

Notes: Percents based on less than 10 events are considered statistically unreliable and are not displayed (ND). See Technical Notes.
Unknowns excluded from calculations.

Table B-28
Resident Live Births by Education of Mother and County
Number and Percent*: Pennsylvania, 2008

		Highest Grade Completed										
		Grade 8		Grade 9-12		High School		Some		College		
	Total	Or Less		No Diploma		Grad/GED		College**		Degree		Unknown
County	Births	Number	%	Number	%	Number	%	Number	%	Number	%	Number
All Counties	148,934	5,015	3.5	18,357	12.6	39,083	26.9	38,473	26.5	44,393	30.5	3,613
Adams	1,061	45	4.7	129	13.4	325	33.8	261	27.2	201	20.9	100
Allegheny	13,276	78	0.6	1,051	8.0	2,750	20.8	3,626	27.5	5,700	43.2	71
Armstrong	705	18	2.6	75	10.7	240	34.2	237	33.8	132	18.8	3
Beaver	1,796	10	0.6	175	9.8	478	26.7	629	35.2	497	27.8	7
Bedford	521	22	4.5	55	11.3	188	38.6	146	30.0	76	15.6	34
Berks	5,131	238	4.7	894	17.6	1,364	26.8	1,366	26.9	1,224	24.1	45
Blair	1,441	33	2.3	172	12.0	527	36.7	390	27.2	313	21.8	6
Bradford	681	18	2.6	75	11.0	264	38.8	181	26.6	142	20.9	1
Bucks	6,592	92	1.5	316	5.2	1,333	22.0	1,630	27.0	2,675	44.2	546
Butler	1,999	11	0.6	128	6.4	409	20.5	571	28.7	873	43.8	7
Cambria	1,451	8	ND	148	10.2	475	32.8	451	31.1	368	25.4	1
Cameron	58	0	ND	7	ND	20	35.7	18	32.1	11	19.6	2
Carbon	686	7	ND	77	11.4	221	32.8	239	35.5	129	19.2	13
Centre	1,223	68	5.6	62	5.1	224	18.4	255	20.9	609	50.0	5
Chester	6,088	326	5.4	430	7.1	855	14.2	1,118	18.6	3,297	54.7	62
Clarion	418	35	8.4	50	12.0	135	32.3	103	24.6	95	22.7	0
Clearfield	800	12	1.5	82	10.3	284	35.6	267	33.5	153	19.2	2
Clinton	424	63	14.9	39	9.2	153	36.3	81	19.2	86	20.4	2
Columbia	615	9	ND	67	11.0	213	34.9	166	27.2	156	25.5	4
Crawford	954	130	13.7	104	11.0	310	32.7	242	25.5	163	17.2	5
Cumberland	2,486	77	3.1	244	9.9	596	24.2	657	26.7	889	36.1	23
Dauphin	3,565	122	3.5	523	14.8	1,024	29.0	960	27.2	900	25.5	36
Delaware	7,047	93	1.3	593	8.6	1,490	21.6	1,951	28.3	2,763	40.1	157
Elk	308	1	ND	17	5.5	121	39.4	92	30.0	76	24.8	1
Erie	3,394	63	1.9	483	14.4	1,060	31.5	940	28.0	814	24.2	34
Fayette	1,350	20	1.6	233	18.6	418	33.3	356	28.4	227	18.1	96
Forest	32	1	ND	0	ND	12	37.5	11	34.4	8	ND	0
Franklin	2,029	119	6.7	315	17.6	607	34.0	451	25.2	295	16.5	242
Fulton	190	3	ND	18	11.6	62	40.0	51	32.9	21	13.5	35
Greene	388	2	ND	44	15.9	112	40.4	66	23.8	53	19.1	111
Huntingdon	494	18	3.7	52	10.6	178	36.2	149	30.3	95	19.3	2
Indiana	883	120	13.6	72	8.2	229	26.0	240	27.3	219	24.9	3
Jefferson	514	61	11.9	57	11.1	169	32.9	134	26.1	92	17.9	1

(Continued)

Table B-28
Resident Live Births by Education of Mother and County
Number and Percent*: Pennsylvania, 2008

		Highest Grade Completed										
	Total	Grade 8 Or Less		Grade 9-12 No Diploma		High School Grad/GED		Some College**		College Degree		Unknown
County	Births	Number	%	Number	%	Number	%	Number	%	Number	%	Number
Juniata	278	44	15.9	38	13.7	109	39.4	53	19.1	33	11.9	1
Lackawanna	2,315	57	2.5	302	13.2	640	27.9	599	26.2	692	30.2	25
Lancaster	7,229	943	13.1	1,266	17.6	1,903	26.5	1,534	21.4	1,538	21.4	45
Lawrence	923	37	4.1	147	16.2	258	28.4	260	28.6	206	22.7	15
Lebanon	1,651	70	4.3	300	18.2	546	33.2	396	24.1	332	20.2	7
Lehigh	4,307	117	2.8	682	16.1	1,042	24.5	1,172	27.6	1,235	29.1	59
Luzerne	3,191	53	1.7	511	16.1	943	29.8	936	29.6	722	22.8	26
Lycoming	1,278	38	3.0	172	13.5	403	31.6	378	29.6	284	22.3	3
McKean	469	2	ND	77	16.5	182	39.0	114	24.4	92	19.7	2
Mercer	1,161	74	6.4	162	14.0	312	27.0	319	27.6	288	24.9	6
Mifflin	615	145	23.7	76	12.4	204	33.3	126	20.6	62	10.1	2
Monroe	1,617	15	1.0	164	11.2	452	31.0	489	33.5	340	23.3	157
Montgomery	9,529	180	1.9	449	4.8	1,463	15.5	2,092	22.1	5,264	55.7	81
Montour	202	26	12.9	15	7.5	49	24.4	40	19.9	71	35.3	1
Northampton	3,195	59	1.9	345	11.4	743	24.6	905	29.9	974	32.2	169
Northumberland	1,060	50	4.7	156	14.8	368	34.9	274	26.0	205	19.5	7
Perry	539	23	4.3	63	11.7	213	39.7	148	27.6	90	16.8	2
Philadelphia	23,689	776	3.4	4,735	20.5	7,414	32.2	5,825	25.3	4,308	18.7	631
Pike	461	0	ND	26	8.0	102	31.2	117	35.8	82	25.1	134
Potter	200	12	6.0	26	13.0	87	43.5	46	23.0	29	14.5	0
Schuylkill	1,559	28	1.8	209	13.5	520	33.5	488	31.5	306	19.7	8
Snyder	444	84	19.0	50	11.3	132	29.8	102	23.0	75	16.9	1
Somerset	697	44	6.5	69	10.3	257	38.2	172	25.6	131	19.5	24
Sullivan	53	0	ND	6	ND	23	46.0	17	34.0	4	ND	3
Susquehanna	406	1	ND	61	15.1	150	37.2	108	26.8	83	20.6	3
Tioga	430	2	ND	61	14.2	150	34.9	118	27.4	99	23.0	0
Union	371	41	11.1	60	16.2	113	30.5	81	21.8	76	20.5	0
Venango	605	19	3.2	75	12.5	241	40.0	165	27.4	102	16.9	3
Warren	406	23	5.7	64	15.9	128	31.8	106	26.3	82	20.3	3
Washington	2,042	15	0.7	187	9.3	506	25.2	594	29.6	708	35.2	32
Wayne	437	1	ND	40	9.4	138	32.3	130	30.4	118	27.6	10
Westmoreland	3,363	20	0.6	270	8.1	806	24.1	1,111	33.2	1,144	34.1	12
Wyoming	340	6	ND	44	13.1	110	32.7	112	33.3	64	19.0	4
York	5,272	87	1.8	662	13.8	1,530	31.9	1,311	27.4	1,202	25.1	480

* Percent of total live births for each specified county. Unknowns excluded from calculations.
** Includes an associate degree or some college credit, but no degree.

Notes: Percents based on less than 10 events are considered statistically unreliable and are not displayed (ND). See Technical Notes.
Starting with 2003, the collection process for education data has changed. Some data may not be comparable to previous years. Please refer to Section F of the Technical Notes for further explanation.

Table B-29
Resident Live Births by Marital Status of Mother and County
Number and Percent: Pennsylvania, 2008

		Married						Unmarried					
		Total Married		Age of Mother (In Years)				Total Unmarried		Age of Mother (In Years)			
	Total			19 & Under		Over 19				19 & Under		Over 19	
County	Births	Number	%*	Number	%**	Number	%**	Number	%*	Number	%***	Number	%***
All Counties	148,934	87,897	59.3	818	0.9	87,031	99.1	60,269	40.7	12,905	21.4	47,339	78.6
Adams	1,061	671	63.5	13	1.9	658	98.1	386	36.5	99	25.6	287	74.4
Allegheny	13,276	7,995	60.4	40	0.5	7,951	99.5	5,249	39.6	1,000	19.1	4,247	80.9
Armstrong	705	437	62.1	8	ND	429	98.2	267	37.9	61	22.8	206	77.2
Beaver	1,796	1,041	58.0	5	ND	1,036	99.5	754	42.0	166	22.0	588	78.0
Bedford	521	340	65.5	5	ND	333	98.5	179	34.5	44	24.6	135	75.4
Berks	5,131	2,850	55.7	38	1.3	2,812	98.7	2,267	44.3	529	23.3	1,737	76.7
Blair	1,441	825	57.5	16	1.9	809	98.1	610	42.5	129	21.1	481	78.9
Bradford	681	380	57.8	10	2.6	370	97.4	277	42.2	63	22.7	214	77.3
Bucks	6,592	4,904	74.6	20	0.4	4,869	99.6	1,672	25.4	263	15.7	1,407	84.3
Butler	1,999	1,444	72.5	13	0.9	1,431	99.1	549	27.5	107	19.5	442	80.5
Cambria	1,451	844	58.3	4	ND	840	99.5	603	41.7	133	22.1	470	77.9
Cameron	58	37	66.1	0	ND	37	100.0	19	33.9	3	ND	16	84.2
Carbon	686	376	55.1	6	ND	370	98.4	306	44.9	60	19.6	246	80.4
Centre	1,223	970	79.8	10	1.0	959	99.0	246	20.2	42	17.1	204	82.9
Chester	6,088	4,760	78.4	26	0.5	4,733	99.5	1,309	21.6	241	18.4	1,068	81.6
Clarion	418	265	63.5	0	ND	265	100.0	152	36.5	34	22.5	117	77.5
Clearfield	800	456	57.1	4	ND	452	99.1	342	42.9	54	15.8	288	84.2
Clinton	424	256	60.7	4	ND	252	98.4	166	39.3	28	16.9	138	83.1
Columbia	615	387	63.2	4	ND	383	99.0	225	36.8	55	24.4	170	75.6
Crawford	954	609	64.0	16	2.6	593	97.4	342	36.0	69	20.2	273	79.8
Cumberland	2,486	1,750	70.7	13	0.7	1,737	99.3	725	29.3	163	22.5	562	77.5
Dauphin	3,565	1,844	52.0	27	1.5	1,817	98.5	1,701	48.0	373	21.9	1,328	78.1
Delaware	7,047	4,368	62.2	24	0.6	4,339	99.4	2,651	37.8	500	18.9	2,150	81.1
Elk	308	188	61.0	0	ND	188	100.0	120	39.0	20	16.7	100	83.3
Erie	3,394	1,695	50.2	18	1.1	1,677	98.9	1,680	49.8	389	23.2	1,291	76.8
Fayette	1,350	694	51.5	14	2.0	680	98.0	654	48.5	150	22.9	504	77.1
Forest	32	20	62.5	0	ND	20	100.0	12	37.5	2	ND	10	83.3
Franklin	2,029	1,290	63.7	27	2.1	1,262	97.9	735	36.3	175	23.8	560	76.2
Fulton	190	127	67.2	1	ND	126	99.2	62	32.8	8	ND	54	87.1
Greene	388	238	61.7	5	ND	233	97.9	148	38.3	38	25.7	110	74.3
Huntingdon	494	317	64.2	2	ND	315	99.4	177	35.8	43	24.3	134	75.7
Indiana	883	627	71.1	6	ND	621	99.0	255	28.9	53	20.8	202	79.2
Jefferson	514	311	60.5	9	ND	302	97.1	203	39.5	50	24.6	153	75.4

(Continued)

Table B-29

Resident Live Births by Marital Status of Mother and County

Number and Percent: Pennsylvania, 2008

		Married						Unmarried					
		Total Married		Age of Mother (In Years)				Total Unmarried		Age of Mother (In Years)			
	Total			19 & Under		Over 19				19 & Under		Over 19	
County	Births	Number	%*	Number	%**	Number	%**	Number	%*	Number	%***	Number	%***
Juniata	278	193	69.4	2	ND	191	99.0	85	30.6	20	23.5	65	76.5
Lackawanna	2,315	1,308	56.8	10	0.8	1,298	99.2	996	43.2	185	18.6	811	81.4
Lancaster	7,229	5,088	70.6	47	0.9	5,040	99.1	2,122	29.4	545	25.7	1,577	74.3
Lawrence	923	519	56.5	11	2.1	508	97.9	399	43.5	94	23.6	305	76.4
Lebanon	1,651	1,035	62.8	12	1.2	1,022	98.8	613	37.2	144	23.5	468	76.5
Lehigh	4,307	2,415	56.3	22	0.9	2,392	99.1	1,874	43.7	448	23.9	1,426	76.1
Luzerne	3,191	1,617	51.0	16	1.0	1,600	99.0	1,556	49.0	322	20.7	1,234	79.3
Lycoming	1,278	699	55.0	11	1.6	688	98.4	573	45.0	127	22.2	446	77.8
McKean	469	239	52.1	3	ND	236	98.7	220	47.9	59	26.8	161	73.2
Mercer	1,161	711	61.5	13	1.8	698	98.2	445	38.5	106	23.8	339	76.2
Mifflin	615	393	63.9	3	ND	390	99.2	222	36.1	51	23.0	171	77.0
Monroe	1,617	971	60.3	8	ND	963	99.2	640	39.7	137	21.4	503	78.6
Montgomery	9,529	7,359	77.6	28	0.4	7,324	99.6	2,128	22.4	351	16.5	1,776	83.5
Montour	202	149	74.1	2	ND	147	98.7	52	25.9	7	ND	45	86.5
Northampton	3,195	1,965	61.7	16	0.8	1,949	99.2	1,219	38.3	251	20.6	968	79.4
Northumberland	1,060	612	58.0	9	ND	603	98.5	443	42.0	96	21.7	347	78.3
Perry	539	350	65.1	12	3.4	338	96.6	188	34.9	42	22.3	146	77.7
Philadelphia	23,689	8,368	35.6	81	1.0	8,282	99.0	15,139	64.4	3,418	22.6	11,710	77.4
Pike	461	309	74.8	2	ND	307	99.4	104	25.2	22	21.2	82	78.8
Potter	200	113	59.2	1	ND	112	99.1	78	40.8	17	21.8	61	78.2
Schuylkill	1,559	813	52.4	9	ND	804	98.9	740	47.6	136	18.4	603	81.6
Snyder	444	331	74.7	5	ND	326	98.5	112	25.3	31	27.7	81	72.3
Somerset	697	456	65.9	6	ND	450	98.7	236	34.1	44	18.7	191	81.3
Sullivan	53	31	58.5	1	ND	30	96.8	22	41.5	4	ND	16	80.0
Susquehanna	406	237	65.7	5	ND	232	97.9	124	34.3	27	21.8	97	78.2
Tioga	430	245	60.2	7	ND	238	97.1	162	39.8	38	23.5	124	76.5
Union	371	280	75.5	2	ND	278	99.3	91	24.5	19	20.9	72	79.1
Venango	605	345	57.0	9	ND	335	97.4	260	43.0	59	22.7	201	77.3
Warren	406	252	62.4	6	ND	246	97.6	152	37.6	34	22.4	118	77.6
Washington	2,042	1,292	63.5	10	0.8	1,282	99.2	744	36.5	164	22.0	580	78.0
Wayne	437	273	63.2	0	ND	273	100.0	159	36.8	22	13.8	137	86.2
Westmoreland	3,363	2,218	66.2	22	1.0	2,195	99.0	1,134	33.8	234	20.6	900	79.4
Wyoming	340	198	58.4	5	ND	193	97.5	141	41.6	28	19.9	113	80.1
York	5,272	3,197	60.9	34	1.1	3,162	98.9	2,053	39.1	479	23.3	1,573	76.7

* Percent of total live births for each county. Unknowns excluded from calculations.

** Percent of total live births to married mothers for each county. Unknowns excluded from calculations.

*** Percent of total live births to unmarried mothers for each county. Unknowns excluded from calculations.

Notes: Unknown age of mother included in all totals. Unknown marital status included in total births.
Percents based on less than 10 events are considered statistically unreliable and are not displayed (ND). See Technical Notes.

Table B-30

Resident Live Births by Trimester of First Prenatal Visit and County

Number and Percent*: Pennsylvania, 2008

County	Total Births	Trimester In Pregnancy: First Number	First %	Second Number	Second %	Third Number	Third %	Unknown Number	No Prenatal Visits Number	No Prenatal Visits %
All Counties	148,934	98,657	79.4	19,432	15.6	4,293	3.5	24,643	1,909	1.5
Adams	1,061	664	77.2	161	18.7	30	3.5	201	5	ND
Allegheny	13,276	9,992	90.5	761	6.9	149	1.4	2,241	133	1.2
Armstrong	705	534	85.3	68	10.9	20	3.2	79	4	ND
Beaver	1,796	1,212	83.9	181	12.5	41	2.8	352	10	0.7
Bedford	521	363	83.3	58	13.3	13	3.0	85	2	ND
Berks	5,131	3,404	78.5	779	18.0	114	2.6	795	39	0.9
Blair	1,441	1,091	85.0	161	12.5	24	1.9	157	8	ND
Bradford	681	510	85.7	70	11.8	15	2.5	86	0	ND
Bucks	6,592	4,145	85.6	549	11.3	113	2.3	1,750	35	0.7
Butler	1,999	1,498	83.7	223	12.5	50	2.8	210	18	1.0
Cambria	1,451	1,082	82.8	180	13.8	37	2.8	145	7	ND
Cameron	58	47	83.9	8	ND	1	ND	2	0	ND
Carbon	686	487	82.8	75	12.8	21	3.6	98	5	ND
Centre	1,223	924	84.2	114	10.4	52	4.7	125	8	ND
Chester	6,088	4,398	82.2	754	14.1	158	3.0	739	39	0.7
Clarion	418	298	77.8	58	15.1	22	5.7	35	5	ND
Clearfield	800	622	81.2	124	16.2	18	2.3	34	2	ND
Clinton	424	295	78.7	56	14.9	19	5.1	49	5	ND
Columbia	615	475	84.1	65	11.5	22	3.9	50	3	ND
Crawford	954	658	75.0	157	17.9	52	5.9	77	10	1.1
Cumberland	2,486	1,719	80.5	323	15.1	72	3.4	350	22	1.0
Dauphin	3,565	2,280	76.8	553	18.6	108	3.6	596	28	0.9
Delaware	7,047	4,800	77.9	1,039	16.9	239	3.9	882	87	1.4
Elk	308	245	83.6	39	13.3	9	ND	15	0	ND
Erie	3,394	2,405	80.9	411	13.8	123	4.1	422	33	1.1
Fayette	1,350	947	85.2	120	10.8	34	3.1	239	10	0.9
Forest	32	26	89.7	3	ND	0	ND	3	0	ND
Franklin	2,029	1,215	74.9	345	21.3	55	3.4	406	8	ND
Fulton	190	109	80.7	22	16.3	4	ND	55	0	ND
Greene	388	210	82.7	35	13.8	8	ND	134	1	ND
Huntingdon	494	401	85.7	48	10.3	19	4.1	26	0	ND
Indiana	883	602	73.3	107	13.0	91	11.1	62	21	2.6
Jefferson	514	338	69.1	95	19.4	49	10.0	25	7	ND

(Continued)

Table B-30

Resident Live Births by Trimester of First Prenatal Visit and County

Number and Percent*: Pennsylvania, 2008

County	Total Births	Trimester In Pregnancy: First Number	First %	Second Number	Second %	Third Number	Third %	Unknown Number	No Prenatal Visits Number	No Prenatal Visits %
Juniata	278	185	72.0	57	22.2	8	ND	21	7	ND
Lackawanna	2,315	1,605	82.1	287	14.7	41	2.1	359	23	1.2
Lancaster	7,229	4,762	75.5	1,367	21.7	159	2.5	919	22	0.3
Lawrence	923	640	77.6	136	16.5	43	5.2	98	6	ND
Lebanon	1,651	996	75.4	264	20.0	45	3.4	330	16	1.2
Lehigh	4,307	2,847	80.0	553	15.5	127	3.6	750	30	0.8
Luzerne	3,191	2,153	82.2	366	14.0	71	2.7	572	29	1.1
Lycoming	1,278	943	80.9	176	15.1	39	3.3	112	8	ND
McKean	469	357	87.5	41	10.0	8	ND	61	2	ND
Mercer	1,161	829	79.2	153	14.6	56	5.3	114	9	ND
Mifflin	615	399	68.9	115	19.9	59	10.2	36	6	ND
Monroe	1,617	925	75.2	239	19.4	51	4.1	387	15	1.2
Montgomery	9,529	6,828	82.7	1,085	13.1	265	3.2	1,273	78	0.9
Montour	202	158	85.9	13	7.1	10	5.4	18	3	ND
Northampton	3,195	2,179	82.5	346	13.1	92	3.5	553	25	0.9
Northumberland	1,060	804	83.9	110	11.5	37	3.9	102	7	ND
Perry	539	341	75.8	90	20.0	17	3.8	89	2	ND
Philadelphia	23,689	11,382	64.0	4,446	25.0	1,003	5.6	5,918	940	5.3
Pike	461	228	82.0	40	14.4	7	ND	183	3	ND
Potter	200	159	84.6	24	12.8	5	ND	12	0	ND
Schuylkill	1,559	1,164	86.7	142	10.6	27	2.0	216	10	0.7
Snyder	444	303	75.2	80	19.9	17	4.2	41	3	ND
Somerset	697	520	82.1	86	13.6	20	3.2	64	7	ND
Sullivan	53	33	75.0	10	22.7	1	ND	9	0	ND
Susquehanna	406	303	83.7	50	13.8	7	ND	44	2	ND
Tioga	430	345	86.0	49	12.2	6	ND	29	1	ND
Union	371	262	78.7	56	16.8	13	3.9	38	2	ND
Venango	605	418	74.5	121	21.6	20	3.6	44	2	ND
Warren	406	281	84.9	39	11.8	5	ND	75	6	ND
Washington	2,042	1,560	85.0	204	11.1	49	2.7	207	22	1.2
Wayne	437	321	86.5	40	10.8	8	ND	66	2	ND
Westmoreland	3,363	2,578	88.2	256	8.8	66	2.3	441	22	0.8
Wyoming	340	239	82.7	42	14.5	7	ND	51	1	ND
York	5,272	3,614	82.4	607	13.8	122	2.8	886	43	1.0

* Percent of total live births for each specified county. Unknowns excluded from calculations.

Notes: Percents based on less than 10 events are considered statistically unreliable and are not displayed (ND). See Technical Notes. Starting with 2003, the collection process for prenatal care data has changed. Please refer to Section F of the Technical Notes for further explanation.

Table B-31
Resident Live Births by Place of Delivery,
Attendant at Birth, and County, Pennsylvania, 2008

County	Total Births	Hospital				Non-Hospital			
		Physician	Midwife	Other	Unknown	Physician	Midwife	Other	Unknown
All Counties	148,934	132,657	12,075	346	39	151	3,282	361	23
Adams	1,061	813	239	0	0	1	7	1	0
Allegheny	13,276	12,600	560	1	4	9	96	6	0
Armstrong	705	681	9	1	1	1	2	10	0
Beaver	1,796	1,758	20	0	0	4	8	6	0
Bedford	521	409	93	0	0	0	12	5	2
Berks	5,131	4,293	651	53	0	0	126	8	0
Blair	1,441	1,266	146	0	0	0	19	10	0
Bradford	681	538	124	4	2	0	10	3	0
Bucks	6,592	6,175	354	8	4	6	42	0	3
Butler	1,999	1,834	149	5	0	1	9	1	0
Cambria	1,451	1,136	305	0	0	0	1	8	1
Cameron	58	58	0	0	0	0	0	0	0
Carbon	686	609	68	7	0	0	0	1	1
Centre	1,223	1,036	114	4	0	0	67	2	0
Chester	6,088	5,645	226	6	0	9	197	5	0
Clarion	418	385	3	0	0	0	20	10	0
Clearfield	800	780	15	0	0	0	0	5	0
Clinton	424	332	43	0	0	0	49	0	0
Columbia	615	600	6	0	0	0	9	0	0
Crawford	954	852	31	1	0	0	68	2	0
Cumberland	2,486	1,860	525	3	0	0	86	12	0
Dauphin	3,565	2,990	500	1	0	4	65	5	0
Delaware	7,047	6,623	326	0	0	2	91	5	0
Elk	308	306	0	1	0	0	0	0	1
Erie	3,394	2,922	441	3	0	0	18	9	1
Fayette	1,350	1,309	28	2	1	3	4	1	2
Forest	32	28	3	0	0	0	1	0	0
Franklin	2,029	1,544	376	4	1	0	94	10	0
Fulton	190	111	74	1	0	0	4	0	0
Greene	388	370	17	0	0	0	0	1	0
Huntingdon	494	363	114	0	0	0	16	1	0
Indiana	883	778	15	0	0	0	0	90	0
Jefferson	514	484	0	1	1	0	2	25	1

(Continued)

Table B-31
Resident Live Births by Place of Delivery,
Attendant at Birth, and County, Pennsylvania, 2008

County	Total Births	Hospital				Non-Hospital			
		Physician	Midwife	Other	Unknown	Physician	Midwife	Other	Unknown
Juniata	278	201	29	0	0	0	48	0	0
Lackawanna	2,315	2,279	28	0	2	0	2	1	3
Lancaster	7,229	3,992	2,089	12	0	47	1,065	24	0
Lawrence	923	873	30	0	1	1	18	0	0
Lebanon	1,651	1,477	59	3	1	10	98	2	1
Lehigh	4,307	4,116	85	92	0	1	7	5	1
Luzerne	3,191	3,176	6	1	0	0	5	1	2
Lycoming	1,278	763	484	1	0	1	27	2	0
McKean	469	445	22	0	0	0	1	1	0
Mercer	1,161	964	122	1	1	0	66	7	0
Mifflin	615	453	31	0	0	0	130	0	1
Monroe	1,617	1,456	143	15	0	0	1	2	0
Montgomery	9,529	9,087	265	23	2	9	139	4	0
Montour	202	169	10	0	0	0	23	0	0
Northampton	3,195	3,074	69	40	5	3	4	0	0
Northumberland	1,060	871	148	1	0	0	40	0	0
Perry	539	399	106	0	0	1	33	0	0
Philadelphia	23,689	22,278	1,162	15	4	31	154	43	2
Pike	461	409	42	2	5	0	2	1	0
Potter	200	190	4	0	0	0	5	1	0
Schuylkill	1,559	1,493	27	6	0	1	25	7	0
Snyder	444	241	115	0	0	0	88	0	0
Somerset	697	482	189	0	0	0	24	2	0
Sullivan	53	43	9	0	0	1	0	0	0
Susquehanna	406	384	17	0	1	0	4	0	0
Tioga	430	382	41	1	3	1	2	0	0
Union	371	203	104	0	0	0	64	0	0
Venango	605	583	8	0	0	0	14	0	0
Warren	406	179	213	1	0	0	12	1	0
Washington	2,042	2,003	23	5	0	1	6	4	0
Wayne	437	317	120	0	0	0	0	0	0
Westmoreland	3,363	3,241	111	3	0	1	5	1	1
Wyoming	340	338	1	0	0	0	1	0	0
York	5,272	4,608	588	18	0	2	46	10	0

Table B-32
Resident Live Births by Tobacco Use During Pregnancy and County
Number and Percent*: Pennsylvania, 2008

County	Total Births	Tobacco Use During Pregnancy: Yes Number	Yes %	No Number	No %	Unknown Number
All Counties	148,934	24,284	17.0	118,936	83.0	5,714
Adams	1,061	163	17.0	797	83.0	101
Allegheny	13,276	2,219	17.0	10,870	83.0	187
Armstrong	705	198	29.2	480	70.8	27
Beaver	1,796	416	24.1	1,312	75.9	68
Bedford	521	121	25.2	360	74.8	40
Berks	5,131	749	15.1	4,215	84.9	167
Blair	1,441	378	26.4	1,056	73.6	7
Bradford	681	171	25.7	494	74.3	16
Bucks	6,592	644	10.8	5,327	89.2	621
Butler	1,999	368	18.9	1,584	81.1	47
Cambria	1,451	405	27.9	1,045	72.1	1
Cameron	58	22	39.3	34	60.7	2
Carbon	686	167	25.9	478	74.1	41
Centre	1,223	166	13.6	1,051	86.4	6
Chester	6,088	398	6.8	5,492	93.2	198
Clarion	418	111	26.8	303	73.2	4
Clearfield	800	246	31.0	548	69.0	6
Clinton	424	108	25.7	313	74.3	3
Columbia	615	129	21.1	481	78.9	5
Crawford	954	238	25.5	695	74.5	21
Cumberland	2,486	407	16.7	2,034	83.3	45
Dauphin	3,565	570	16.1	2,970	83.9	25
Delaware	7,047	779	11.8	5,804	88.2	464
Elk	308	100	32.7	206	67.3	2
Erie	3,394	949	28.1	2,429	71.9	16
Fayette	1,350	423	33.8	827	66.2	100
Forest	32	10	31.3	22	68.8	0
Franklin	2,029	355	19.8	1,437	80.2	237
Fulton	190	45	29.0	110	71.0	35
Greene	388	91	32.6	188	67.4	109
Huntingdon	494	117	23.8	375	76.2	2
Indiana	883	177	20.3	694	79.7	12
Jefferson	514	144	28.2	367	71.8	3

(Continued)

Table B-32
Resident Live Births by Tobacco Use During Pregnancy and County
Number and Percent*: Pennsylvania, 2008

County	Total Births	Tobacco Use During Pregnancy: Yes Number	Yes %	No Number	No %	Unknown Number
Juniata	278	48	17.5	226	82.5	4
Lackawanna	2,315	574	24.9	1,729	75.1	12
Lancaster	7,229	923	12.9	6,249	87.1	57
Lawrence	923	235	27.0	635	73.0	53
Lebanon	1,651	278	16.9	1,363	83.1	10
Lehigh	4,307	531	13.3	3,460	86.7	316
Luzerne	3,191	801	26.4	2,237	73.6	153
Lycoming	1,278	337	26.4	939	73.6	2
McKean	469	165	35.7	297	64.3	7
Mercer	1,161	285	25.0	854	75.0	22
Mifflin	615	122	20.3	480	79.7	13
Monroe	1,617	255	17.7	1,188	82.3	174
Montgomery	9,529	770	8.2	8,649	91.8	110
Montour	202	37	18.4	164	81.6	1
Northampton	3,195	469	15.7	2,510	84.3	216
Northumberland	1,060	254	24.3	792	75.7	14
Perry	539	134	25.2	398	74.8	7
Philadelphia	23,689	2,777	12.3	19,868	87.7	1,044
Pike	461	59	20.1	234	79.9	168
Potter	200	61	31.8	131	68.2	8
Schuylkill	1,559	448	29.6	1,066	70.4	45
Snyder	444	59	13.3	383	86.7	2
Somerset	697	162	24.0	512	76.0	23
Sullivan	53	22	43.1	29	56.9	2
Susquehanna	406	101	26.0	288	74.0	17
Tioga	430	109	26.3	306	73.7	15
Union	371	57	15.4	314	84.6	0
Venango	605	194	32.4	405	67.6	6
Warren	406	135	33.9	263	66.1	8
Washington	2,042	493	24.6	1,511	75.4	38
Wayne	437	113	26.5	314	73.5	10
Westmoreland	3,363	705	21.3	2,605	78.7	53
Wyoming	340	100	29.9	235	70.1	5
York	5,272	887	18.5	3,904	81.5	481

* Percent of total live births for each specified county. Unknowns excluded from calculations.

Notes: Some counties may have high numbers of unknown.
Percents based on less than 10 events are considered statistically unreliable and are not displayed (ND).
Data for residents who were not born in Pennsylvania are included as unknown. See Technical Notes.
Starting with 2003, the collection process for tobacco use data has changed. Please refer to Section F of the Technical Notes for further explanation.

Table B-33

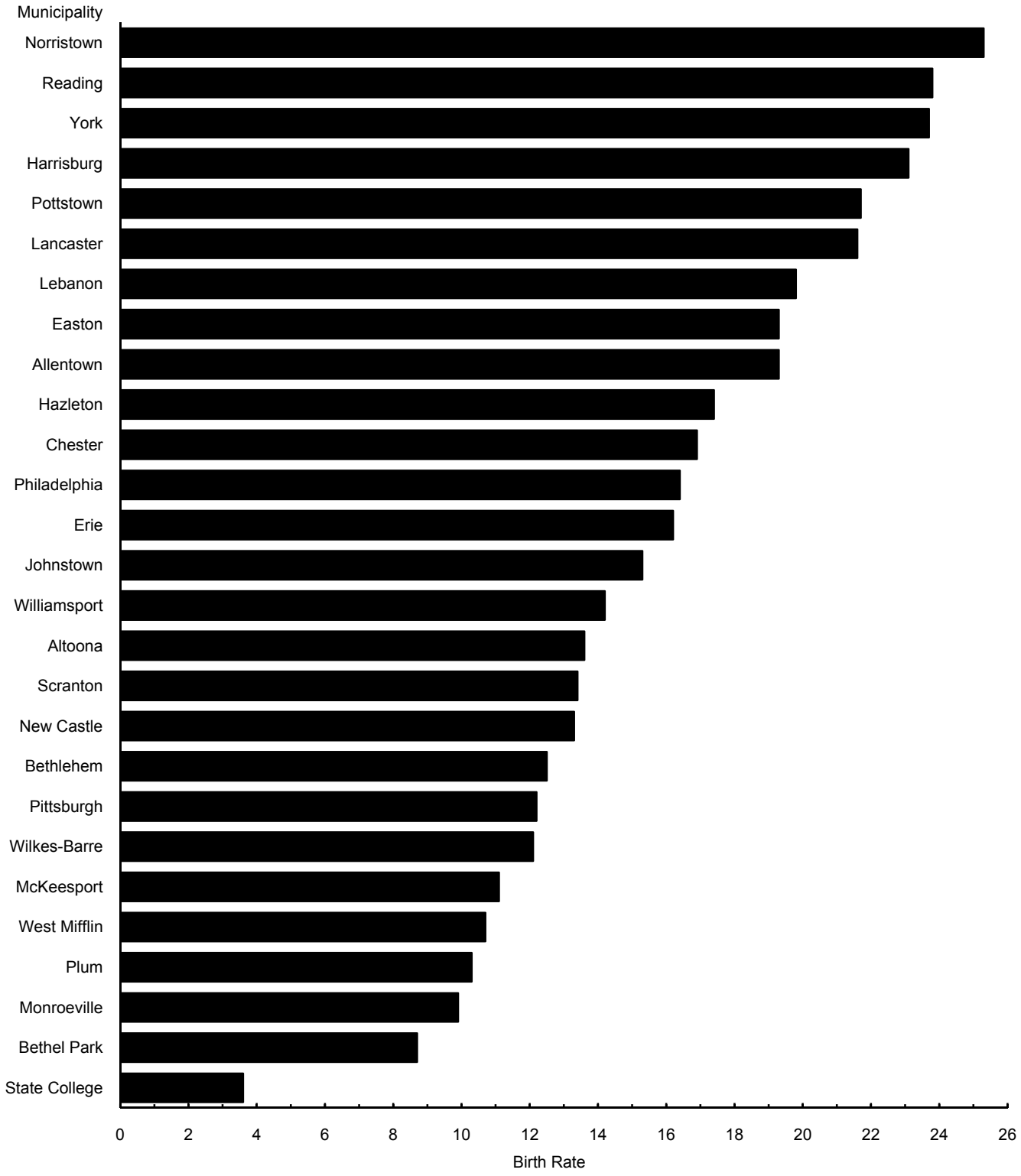
Resident Live Births by Race and Hispanic Origin of Mother for Selected Municipalities, Number and Rate: Pennsylvania, 2008

Municipality	Total Births	Birth Rate*	Race: White	Race: Black	Race: Asian/ Pacific Islander	Hispanic Origin
State Total	148,934	12.0	107,623	22,430	5,402	13,883
Allentown	2,071	19.3	702	296	51	1,078
Altoona	626	13.6	571	40	3	9
Bethel Park	274	8.7	258	3	5	7
Bethlehem	906	12.5	471	66	33	362
Chester	618	16.9	47	511	5	61
Easton	503	19.3	278	100	24	112
Erie	1,678	16.2	1,106	396	21	140
Harrisburg	1,089	23.1	229	566	32	258
Hazleton	379	17.4	198	13	2	183
Johnstown	331	15.3	249	72	1	15
Lancaster	1,179	21.6	424	211	25	564
Lebanon	476	19.8	347	22	7	172
McKeesport	245	11.1	140	96	1	6
Monroeville	274	9.9	189	48	29	3
New Castle	323	13.3	240	68	2	6
Norristown	806	25.3	266	269	15	317
Philadelphia	23,689	16.4	6,399	11,404	1,418	3,991
Pittsburgh	3,791	12.2	2,056	1,408	195	85
Plum	269	10.3	253	12	2	4
Pottstown	461	21.7	321	106	7	45
Reading	1,918	23.8	574	245	22	1,260
Scranton	971	13.4	709	76	30	180
State College	140	3.6	87	3	43	7
West Mifflin	222	10.7	162	55	1	2
Wilkes-Barre	497	12.1	324	82	4	88
Williamsport	418	14.2	320	81	2	18
York	952	23.7	389	283	3	286
All Other Areas	103,828	10.8	90,314	5,898	3,419	4,624

* Birth rate per 1,000 population for each specified area, 2008.

Notes: Hispanic origin can be of any race.
See Technical Notes for criteria used in municipality selection.
Starting with 2003, the collection process for race data has changed. Please refer to Section F of the Technical Notes for further explanation.

Figure B-11
Resident Birth Rates for Selected Municipalities
Pennsylvania, 2008



Note: Rate per 1,000 population, 2008. See Table B-33 for corresponding data.

Table B-34

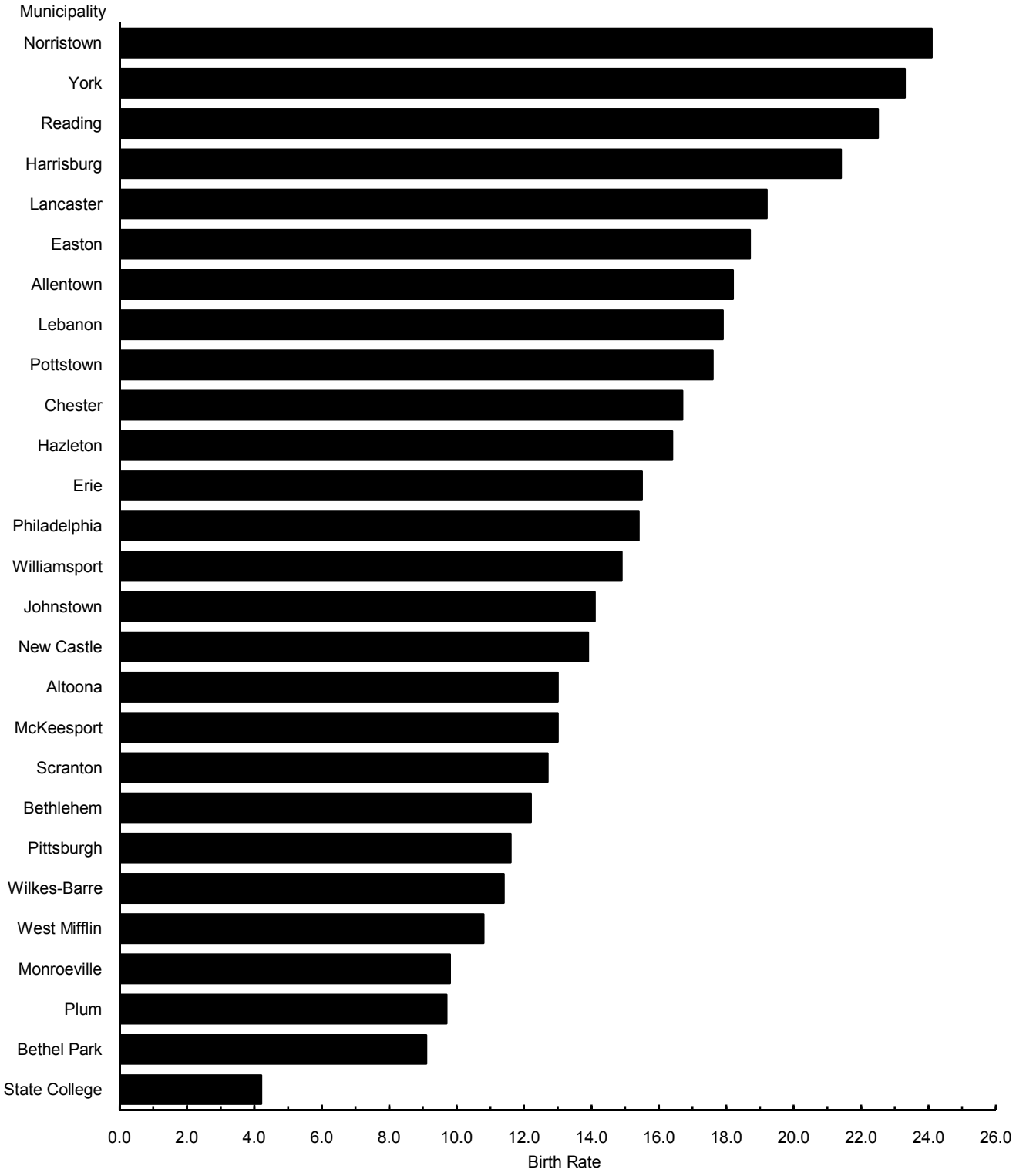
Resident Live Births by Race and Hispanic Origin of Mother
for Selected Municipalities, Number and Average Annual Rate: Pennsylvania, 2004-2008

Municipality	Total Births 2004-2008	Birth Rate*	Race			Hispanic Origin
			White	Black	Asian/ Pacific Islander	
State Total	737,189	11.9	544,737	106,370	27,692	64,498
Allentown	10,067	18.8	3,843	1,162	304	5,165
Altoona	3,107	13.2	2,891	137	27	41
Bethel Park	1,417	8.8	1,360	18	23	12
Bethlehem	4,474	12.3	2,460	293	181	1,711
Chester	3,051	16.6	267	2,519	27	282
Easton	2,485	19.0	1,484	414	101	577
Erie	8,163	15.8	5,405	1,926	138	703
Harrisburg	5,317	22.5	1,317	2,631	183	1,156
Hazleton	1,885	17.1	1,146	58	12	778
Johnstown	1,572	14.2	1,262	274	11	62
Lancaster	5,512	20.1	2,070	907	168	2,575
Lebanon	2,255	18.7	1,718	104	37	812
McKeesport	1,430	12.7	806	590	5	27
Monroeville	1,365	9.8	955	225	147	25
New Castle	1,701	13.8	1,388	257	14	34
Norristown	3,867	25.0	1,646	1,246	106	1,549
Philadelphia	113,896	15.6	30,867	55,744	7,205	18,586
Pittsburgh	18,579	11.8	10,083	7,037	1,002	399
Plum	1,259	9.5	1,179	58	18	9
Pottstown	2,012	18.8	1,476	417	41	148
Reading	9,265	22.9	3,592	1,050	179	6,089
Scranton	4,805	13.2	3,710	329	136	844
State College	804	4.1	504	33	216	39
West Mifflin	1,142	10.9	860	258	8	14
Wilkes-Barre	2,436	11.8	1,754	328	49	354
Williamsport	2,179	14.6	1,709	399	17	69
York	4,798	23.8	2,144	1,325	91	1,435
All Other Areas	518,346	10.8	456,841	26,631	17,246	21,003

* Birth rate per 1,000 population for each specified area, 2004-2008.

Note: Hispanic origin can be of any race.
See Technical Notes for criteria used in municipality selection.
Starting with 2003, the collection process for race data has changed. Please refer to Section F of the Technical Notes for further explanation.

Figure B-12
Resident Average Annual Birth Rates for Selected Municipalities
Pennsylvania, 2004-2008



Note: Rate per 1,000 population, 2004-2008. See Table B-34 for corresponding data.

Table B-35
Resident Live Births by Age of Mother for Selected Municipalities
Pennsylvania, 2008

Municipality	Total Births	Age of Mother (In Years)								
		Under 15	15 - 19	20 - 24	25 - 29	30 - 34	35 - 39	40 - 44	45 & Over	Unknown
State Total	148,934	158	13,708	34,000	42,216	36,137	18,598	3,784	250	83
Allentown	2,071	4	356	648	554	315	165	25	2	2
Altoona	626	1	83	206	185	94	49	8	0	0
Bethel Park	274	0	6	29	77	101	55	6	0	0
Bethlehem	906	1	115	221	257	203	94	15	0	0
Chester	618	7	134	233	144	61	30	8	0	1
Easton	503	1	47	137	130	111	63	14	0	0
Erie	1,678	3	263	524	487	265	110	23	3	0
Harrisburg	1,089	0	221	367	278	147	65	11	0	0
Hazleton	379	0	49	151	89	60	28	2	0	0
Johnstown	331	0	59	121	79	44	26	2	0	0
Lancaster	1,179	2	234	422	287	152	73	9	0	0
Lebanon	476	0	79	155	133	83	20	5	0	1
McKeesport	245	1	41	81	63	38	20	1	0	0
Monroeville	274	1	12	47	80	82	45	6	1	0
New Castle	323	0	45	112	93	50	20	3	0	0
Norristown	806	3	118	236	218	152	69	9	0	1
Philadelphia	23,689	63	3,462	6,343	6,382	4,699	2,190	491	42	17
Pittsburgh	3,791	7	444	868	1,058	881	418	95	17	3
Plum	269	0	7	27	89	95	42	9	0	0
Pottstown	461	3	41	134	146	97	35	4	1	0
Reading	1,918	9	388	698	458	221	114	28	1	1
Scranton	971	3	106	260	288	186	99	29	0	0
State College	140	0	1	9	41	61	21	6	1	0
West Mifflin	222	0	27	59	68	39	23	6	0	0
Wilkes-Barre	497	0	79	149	133	83	40	11	1	1
Williamsport	418	0	77	150	108	53	22	8	0	0
York	952	1	170	343	225	141	58	13	0	1
All Other Areas	103,828	48	7,044	21,270	30,066	27,623	14,604	2,937	181	55

Note: See Technical Notes for criteria used in municipality selection.

Table B-36
Resident Live Births by Birth Weight for Selected Municipalities
Number and Percent*: Pennsylvania, 2008

		Birth Weight										
	Total	0 - 1499 Grams		1500 - 2499 Grams		2500 -3499 Grams		3500 - 4499 Grams		4500 Grams and Over		Unknown Weight
Municipality	Births	Number	%	Number	%	Number	%	Number	%	Number	%	Number
State Total	148,934	2,430	1.6	9,871	6.6	82,000	55.2	52,406	35.3	1,741	1.2	486
Allentown	2,071	41	2.0	162	7.8	1,208	58.4	641	31.0	17	0.8	2
Altoona	626	6	ND	43	6.9	377	60.3	192	30.7	7	ND	1
Bethel Park	274	2	ND	24	8.8	131	48.0	112	41.0	4	ND	1
Bethlehem	906	16	1.8	60	6.6	514	56.7	310	34.2	6	ND	0
Chester	618	30	4.9	55	8.9	361	58.5	165	26.7	6	ND	1
Easton	503	12	2.4	54	10.8	286	57.2	144	28.8	4	ND	3
Erie	1,678	36	2.1	125	7.5	999	59.6	505	30.1	10	0.6	3
Harrisburg	1,089	30	2.8	105	9.7	642	59.0	305	28.0	6	ND	1
Hazleton	379	10	2.6	31	8.2	248	65.4	86	22.7	4	ND	0
Johnstown	331	9	ND	34	10.3	220	66.5	65	19.6	3	ND	0
Lancaster	1,179	27	2.3	97	8.2	690	58.5	359	30.4	6	ND	0
Lebanon	476	10	2.1	35	7.4	255	53.6	170	35.7	6	ND	0
McKeesport	245	5	ND	16	6.5	151	61.6	70	28.6	3	ND	0
Monroeville	274	2	ND	22	8.1	158	58.1	87	32.0	3	ND	2
New Castle	323	10	3.1	25	7.7	214	66.3	74	22.9	0	ND	0
Norristown	806	15	1.9	45	5.6	489	60.8	244	30.3	11	1.4	2
Philadelphia	23,689	560	2.4	2,034	8.7	14,009	59.8	6,648	28.4	195	0.8	243
Pittsburgh	3,791	90	2.4	328	8.7	2,183	57.7	1,153	30.5	31	0.8	6
Plum	269	4	ND	17	6.3	140	52.0	103	38.3	5	ND	0
Pottstown	461	5	ND	27	5.9	237	51.4	186	40.3	6	ND	0
Reading	1,918	43	2.2	141	7.4	1,135	59.2	582	30.3	17	0.9	0
Scranton	971	22	2.3	75	7.7	561	57.8	304	31.3	9	ND	0
State College	140	3	ND	8	ND	79	56.4	48	34.3	2	ND	0
West Mifflin	222	3	ND	18	8.2	113	51.4	84	38.2	2	ND	2
Wilkes-Barre	497	8	ND	32	6.4	293	59.0	158	31.8	6	ND	0
Williamsport	418	8	ND	33	7.9	245	58.6	130	31.1	2	ND	0
York	952	26	2.7	92	9.7	533	56.0	297	31.2	4	ND	0
All Other Areas	103,828	1,397	1.3	6,133	5.9	55,529	53.6	39,184	37.8	1,366	1.3	219

* Percent of total live births for each specified area. Unknowns excluded from calculations.

Notes: See Technical Notes for criteria used in municipality selection.
Low birth weight is defined as 2499 grams and less.
Percents based on less than 10 events are considered statistically unreliable and are not displayed (ND). See Technical Notes.

Table B-37

Resident Live Births by Education of Mother
for Selected Municipalities, Number and Percent*: Pennsylvania, 2008

		Highest Grade Completed										
		Grade 8 Or Less		Grade 9-12 No Diploma		High School Grad/GED		Some College**		College Degree		Unknown
Municipality	Total Births	Number	%	Number	%	Number	%	Number	%	Number	%	Number
State Total	148,934	5,015	3.5	18,357	12.6	39,083	26.9	38,473	26.5	44,393	30.5	3,613
Allentown	2,071	98	4.8	547	26.8	626	30.7	534	26.2	235	11.5	31
Altoona	626	4	ND	111	17.8	261	41.8	160	25.6	88	14.1	2
Bethel Park	274	1	ND	8	ND	31	11.4	65	23.8	168	61.5	1
Bethlehem	906	33	3.7	154	17.4	253	28.7	228	25.8	215	24.3	23
Chester	618	18	3.1	138	23.6	261	44.6	146	25.0	22	3.8	33
Easton	503	16	3.7	95	22.2	153	35.8	96	22.5	67	15.7	76
Erie	1,678	49	3.0	351	21.2	564	34.0	437	26.4	256	15.4	21
Harrisburg	1,089	57	5.3	311	29.1	355	33.2	231	21.6	114	10.7	21
Hazleton	379	19	5.1	115	30.7	120	32.0	87	23.2	34	9.1	4
Johnstown	331	1	ND	62	18.8	152	46.1	88	26.7	27	8.2	1
Lancaster	1,179	55	4.8	342	29.6	384	33.2	256	22.1	120	10.4	22
Lebanon	476	16	3.4	133	28.1	172	36.3	104	21.9	49	10.3	2
McKeesport	245	3	ND	53	21.7	87	35.7	77	31.6	24	9.8	1
Monroeville	274	2	ND	9	ND	45	16.5	84	30.8	133	48.7	1
New Castle	323	4	ND	85	27.1	102	32.5	82	26.1	41	13.1	9
Norristown	806	105	13.3	149	18.9	273	34.6	161	20.4	101	12.8	17
Philadelphia	23,689	776	3.4	4,735	20.5	7,414	32.2	5,825	25.3	4,308	18.7	631
Pittsburgh	3,791	44	1.2	449	11.9	925	24.6	1,026	27.3	1,315	35.0	32
Plum	269	0	ND	6	ND	37	13.8	84	31.2	142	52.8	0
Pottstown	461	14	3.1	61	13.5	140	31.0	151	33.4	86	19.0	9
Reading	1,918	170	9.0	645	34.0	574	30.3	427	22.5	80	4.2	22
Scranton	971	43	4.5	194	20.2	294	30.7	223	23.3	205	21.4	12
State College	140	0	ND	1	ND	8	ND	21	15.2	108	78.3	2
West Mifflin	222	0	ND	25	11.3	57	25.8	85	38.5	54	24.4	1
Wilkes-Barre	497	21	4.3	102	21.0	174	35.9	143	29.5	45	9.3	12
Williamsport	418	6	ND	88	21.1	148	35.4	118	28.2	58	13.9	0
York	952	40	4.6	265	30.1	353	40.2	171	19.5	50	5.7	73
All Other Areas	103,828	3,420	3.4	9,123	9.0	25,120	24.8	27,363	27.0	36,248	35.8	2,554

* Percent of total live births for each specified area. Unknowns excluded from calculations.
** Includes an associate degree or some college credit, but no degree.

Notes: See Technical Notes for criteria used in municipality selection.
Percents based on less than 10 events are considered statistically unreliable and are not displayed (ND). See Technical Notes.
Starting with 2003, the collection process for education data has changed. Some data may not be comparable to previous years. Please refer to Section F of the Technical Notes for further explanation.

Table B-38

Resident Live Births by Marital Status of Mother

For Selected Municipalities, Number and Percent: Pennsylvania, 2008

		Married						Unmarried					
		Total		Age of Mother (In Years)				Total		Age of Mother (In Years)			
	Total	Married		19 & Under		Over 19		Unmarried		19 & Under		Over 19	
Municipality	Births	Number	%*	Number	%**	Number	%**	Number	%*	Number	%***	Number	%***
State Total	148,934	87,897	59.3	818	0.9	87,031	99.1	60,269	40.7	12,905	21.4	47,339	78.6
Allentown	2,071	723	35.1	16	2.2	706	97.8	1,336	64.9	341	25.5	995	74.5
Altoona	626	282	45.3	10	3.5	272	96.5	340	54.7	73	21.5	267	78.5
Bethel Park	274	232	84.7	0	ND	232	100.0	42	15.3	6	ND	36	85.7
Bethlehem	906	434	48.2	4	ND	430	99.1	467	51.8	111	23.8	356	76.2
Chester	618	100	16.2	5	ND	95	95.0	516	83.8	135	26.2	380	73.8
Easton	503	231	46.0	3	ND	228	98.7	271	54.0	45	16.6	226	83.4
Erie	1,678	604	36.3	10	1.7	594	98.3	1,062	63.7	255	24.0	807	76.0
Harrisburg	1,089	263	24.3	9	ND	254	96.6	821	75.7	211	25.7	610	74.3
Hazleton	379	123	32.5	1	ND	122	99.2	255	67.5	48	18.8	207	81.2
Johnstown	331	100	30.4	1	ND	99	99.0	229	69.6	58	25.3	171	74.7
Lancaster	1,179	362	30.8	6	ND	356	98.3	813	69.2	230	28.3	583	71.7
Lebanon	476	179	37.7	5	ND	174	97.2	296	62.3	73	24.7	222	75.3
McKeesport	245	54	22.1	1	ND	53	98.1	190	77.9	41	21.6	149	78.4
Monroeville	274	190	69.3	0	ND	190	100.0	84	30.7	13	15.5	71	84.5
New Castle	323	124	38.5	4	ND	120	96.8	198	61.5	41	20.7	157	79.3
Norristown	806	311	38.9	10	3.2	300	96.8	488	61.1	110	22.5	378	77.5
Philadelphia	23,689	8,368	35.6	81	1.0	8,282	99.0	15,139	64.4	3,418	22.6	11,710	77.4
Pittsburgh	3,791	1,741	46.0	8	ND	1,731	99.5	2,040	54.0	441	21.6	1,599	78.4
Plum	269	214	79.6	0	ND	214	100.0	55	20.4	7	ND	48	87.3
Pottstown	461	222	48.5	2	ND	220	99.1	236	51.5	42	17.8	194	82.2
Reading	1,918	490	25.6	24	4.9	466	95.1	1,423	74.4	372	26.1	1,051	73.9
Scranton	971	434	45.0	8	ND	426	98.2	531	55.0	98	18.5	433	81.5
State College	140	121	87.1	0	ND	121	100.0	18	12.9	1	ND	17	94.4
West Mifflin	222	105	47.5	3	ND	102	97.1	116	52.5	24	20.7	92	79.3
Wilkes-Barre	497	166	33.5	5	ND	160	97.0	329	66.5	74	22.5	255	77.5
Williamsport	418	148	35.5	7	ND	141	95.3	269	64.5	70	26.0	199	74.0
York	952	251	26.5	7	ND	244	97.2	695	73.5	163	23.5	531	76.5
All Other Areas	103,828	71,325	69.0	588	0.8	70,699	99.2	32,010	31.0	6,404	20.0	25,595	80.0

* Percent of total live births for each specified area. Unknowns excluded from calculations.

** Percent of total live births to married mothers for each specified area. Unknowns excluded from calculations.

*** Percent of total live births to unmarried mothers for each specified area. Unknowns excluded from calculations.

Notes: Unknown age of mother included in all totals. Unknown marital status included in total births.
See Technical Notes for criteria used in municipality selection.
Percents based on less than 10 events are considered statistically unreliable and are not displayed (ND). See Technical Notes.

Table B-39

Resident Live Births by Trimester of First Prenatal Visit
For Selected Municipalities, Number and Percent*: Pennsylvania, 2008

Municipality	Total Births	Trimester In Pregnancy: First Number	First %	Second Number	Second %	Third Number	Third %	Unknown Number	No Prenatal Visits Number	No Prenatal Visits %
State Total	148,934	98,657	79.4	19,432	15.6	4,293	3.5	24,643	1,909	1.5
Allentown	2,071	1,218	74.3	332	20.2	69	4.2	431	21	1.3
Altoona	626	467	82.8	78	13.8	11	2.0	62	8	ND
Bethel Park	274	226	93.0	14	5.8	1	ND	31	2	ND
Bethlehem	906	623	80.1	115	14.8	33	4.2	128	7	ND
Chester	618	337	63.2	159	29.8	23	4.3	85	14	2.6
Easton	503	259	72.8	75	21.1	16	4.5	147	6	ND
Erie	1,678	1,110	76.9	236	16.4	77	5.3	235	20	1.4
Harrisburg	1,089	557	65.5	239	28.1	45	5.3	238	10	1.2
Hazleton	379	224	68.7	81	24.8	14	4.3	53	7	ND
Johnstown	331	214	74.3	59	20.5	11	3.8	43	4	ND
Lancaster	1,179	711	78.2	172	18.9	20	2.2	270	6	ND
Lebanon	476	241	68.1	92	26.0	15	4.2	122	6	ND
McKeesport	245	181	90.0	14	7.0	0	ND	44	6	ND
Monroeville	274	211	87.9	25	10.4	2	ND	34	2	ND
New Castle	323	214	74.3	61	21.2	11	3.8	35	2	ND
Norristown	806	408	61.2	195	29.2	46	6.9	139	18	2.7
Philadelphia	23,689	11,382	64.0	4,446	25.0	1,003	5.6	5,918	940	5.3
Pittsburgh	3,791	2,684	88.1	259	8.5	46	1.5	745	57	1.9
Plum	269	221	94.0	11	4.7	1	ND	34	2	ND
Pottstown	461	293	69.3	100	23.6	26	6.1	38	4	ND
Reading	1,918	1,027	66.9	430	28.0	63	4.1	383	15	1.0
Scranton	971	608	75.5	157	19.5	26	3.2	166	14	1.7
State College	140	110	85.9	16	12.5	2	ND	12	0	ND
West Mifflin	222	167	92.8	11	6.1	0	ND	42	2	ND
Wilkes-Barre	497	288	75.8	73	19.2	14	3.7	117	5	ND
Williamsport	418	282	74.4	71	18.7	20	5.3	39	6	ND
York	952	560	70.7	180	22.7	34	4.3	160	18	2.3
All Other Areas	103,828	73,834	83.0	11,731	13.2	2,664	3.0	14,892	707	0.8

* Percent of total live births for each specified area. Unknowns excluded from calculations.

Notes: See Technical Notes for criteria used in municipality selection.
Percents based on less than 10 events are considered statistically unreliable and are not displayed (ND). See Technical Notes.
Starting with 2003, the collection process for prenatal care data has changed. Please refer to Section F of the Technical Notes for further explanation.

Table B-40

Resident Live Births by Tobacco Use During Pregnancy
for Selected Municipalities, Number and Percent*: Pennsylvania, 2008

Municipality	Total Births	Tobacco Use During Pregnancy: Yes Number	Yes %	No Number	No %	Unknown Number
State Total	148,934	24,284	17.0	118,936	83.0	5,714
Allentown	2,071	297	16.0	1,559	84.0	215
Altoona	626	228	36.6	395	63.4	3
Bethel Park	274	24	8.9	247	91.1	3
Bethlehem	906	128	14.6	748	85.4	30
Chester	618	94	18.2	423	81.8	101
Easton	503	95	22.4	330	77.6	78
Erie	1,678	544	32.6	1,125	67.4	9
Harrisburg	1,089	212	19.7	865	80.3	12
Hazleton	379	69	20.8	263	79.2	47
Johnstown	331	130	39.4	200	60.6	1
Lancaster	1,179	208	17.8	963	82.2	8
Lebanon	476	100	21.1	375	78.9	1
McKeesport	245	79	32.6	163	67.4	3
Monroeville	274	31	11.4	242	88.6	1
New Castle	323	120	41.1	172	58.9	31
Norristown	806	90	11.5	694	88.5	22
Philadelphia	23,689	2,777	12.3	19,868	87.7	1,044
Pittsburgh	3,791	733	19.7	2,983	80.3	75
Plum	269	23	8.6	243	91.4	3
Pottstown	461	99	21.9	354	78.1	8
Reading	1,918	331	18.2	1,486	81.8	101
Scranton	971	263	27.2	705	72.8	3
State College	140	6	ND	132	95.7	2
West Mifflin	222	52	23.7	167	76.3	3
Wilkes-Barre	497	150	32.0	319	68.0	28
Williamsport	418	132	31.7	285	68.3	1
York	952	195	22.2	684	77.8	73
All Other Areas	103,828	17,074	17.1	82,946	82.9	3,808

* Percent of total live births for each specified area. Unknowns excluded from calculations.

Notes: See Technical Notes for criteria used in municipality selection.
Some municipalities may have high numbers of unknown.
Percents based on less than 10 events are considered statistically unreliable and are not displayed (ND).

Data for residents who were not born in Pennsylvania are included as unknown. See Technical Notes.
Starting with 2003, the collection process for tobacco use data has changed. Please refer to Section F of the Technical Notes for further explanation.

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Table C-1

Resident Deaths, Live Births, Infant, Neonatal, and Maternal Deaths: Pennsylvania, 1950, 1955-2008

Year	Total Deaths Number	Live Births Number	Infant Deaths Number	Neonatal Deaths Number	Maternal Deaths Number
2008	126,332	148,934	1,090	779	21
2007	123,967	150,322	1,123	739	20
2006	124,460	148,706	1,122	806	18
2005	128,447	145,033	1,047	742	14
2004	126,602	144,194	1,026	692	13
2003	128,890	145,485	1,060	775	19
2002	129,396	142,380	1,081	792	11
2001	129,648	143,404	1,038	736	15
2000	130,092	145,874	1,023	718	13
1999	129,430	144,828	1,025	723	11
1998	126,312	145,606	1,056	745	12
1997	127,414	143,967	1,090	758	10
1996	128,028	147,890	1,145	796	10
1995	126,524	150,848	1,164	797	10
1994	126,761	156,431	1,272	851	8
1993	125,595	159,666	1,357	915	12
1992	122,759	163,523	1,467	978	10
1991	121,581	167,726	1,520	991	12
1990	121,081	171,532	1,627	1,077	11
1989	122,956	168,108	1,696	1,171	13
1988	125,337	165,169	1,615	1,092	8
1987	124,986	162,348	1,654	1,164	8
1986	123,852	160,336	1,628	1,084	14
1985	123,233	160,001	1,734	1,201	11
1984	121,358	156,799	1,634	1,129	12
1983	121,066	157,810	1,764	1,229	10
1982	118,450	161,561	1,853	1,320	8
1981	119,612	160,179	1,902	1,357	7
1980	123,233	158,670	2,095	1,529	12
1979	117,097	157,533	2,118	1,548	12
1978	119,279	151,438	2,031	1,540	19
1977	118,853	153,415	2,137	1,608	19
1976	120,882	148,004	2,276	1,746	26
1975	120,459	148,942	2,423	1,855	10
1974	122,943	151,458	2,584	2,013	11
1973	126,483	153,272	2,607	1,980	21
1972	127,136	163,110	2,912	2,244	20
1971	126,597	180,939	3,314	2,548	36
1970	126,564	192,154	3,879	3,027	40
1969	126,704	185,046	3,865	3,003	37
1968	130,802	185,729	4,015	3,154	33
1967	125,494	188,706	4,158	3,261	48
1966	126,820	195,869	4,323	3,354	50
1965	125,670	204,105	4,737	3,592	44
1964	123,845	218,515	5,029	3,869	62
1963	126,199	221,537	5,178	3,979	69
1962	122,989	226,393	5,370	4,135	60
1961	120,543	240,172	5,639	4,357	71
1960	121,163	241,099	5,921	4,557	76
1959	119,206	246,615	6,145	4,725	71
1958	118,360	249,810	6,360	4,918	86
1957	118,734	254,997	6,240	4,785	78
1956	114,578	248,019	6,086	4,667	90
1955	113,458	242,591	5,962	4,649	94
1950	110,212	221,635	6,126	4,578	170

Table C-2

Rates* for Deaths, Live Births, Infant, Neonatal, and Maternal Deaths: Pennsylvania and United States, 1950, 1955-2008

	Total Death Rate		Live Birth Rate		Infant Mortality Rate		Neonatal Mortality Rate		Maternal Mortality Rate	
Year	PA	U.S.	PA	U.S.	PA	U.S.	PA	U.S.	PA	U.S.
2008	10.1	NA	12.0	NA	7.3	NA	5.2	NA	14.1	NA
2007	10.0	8.0	12.1	14.3	7.5	6.8	4.9	4.4	13.3	12.7
2006	10.0	8.1	12.0	14.2	7.5	6.7	5.4	4.5	12.1	13.3
2005	10.3	8.3	11.7	14.0	7.2	6.9	5.1	4.5	9.7	15.1
2004	10.2	8.2	11.6	14.0	7.1	6.8	4.8	4.5	9.0	13.1
2003	10.4	8.3	11.8	14.1	7.3	6.9	5.3	4.6	13.1	12.1
2002	10.5	8.5	11.5	13.9	7.6	7.0	5.6	4.7	7.7	8.9
2001	10.6	8.5	11.7	14.1	7.2	6.8	5.1	4.5	10.5	9.9
2000	10.6	8.5	11.9	14.4	7.0	6.9	4.9	4.6	8.9	9.8
1999	10.8	8.8	12.1	14.5	7.1	7.1	5.0	4.7	7.6	9.9
1998	10.5	8.6	12.1	14.6	7.3	7.2	5.1	4.8	8.2	7.1
1997	10.6	8.6	12.0	14.5	7.6	7.2	5.3	4.8	ND	8.4
1996	10.6	8.7	12.3	14.7	7.7	7.3	5.4	4.8	ND	7.6
1995	10.5	8.8	12.5	14.8	7.7	7.6	5.3	4.9	ND	7.1
1994	10.5	8.8	13.0	15.2	8.1	8.0	5.4	5.1	ND	8.3
1993	10.4	8.8	13.3	15.5	8.5	8.4	5.7	5.3	7.5	7.5
1992	10.2	8.5	13.6	15.9	9.0	8.5	6.0	5.4	ND	7.8
1991	10.2	8.6	14.0	16.3	9.1	8.9	5.9	5.6	7.2	7.9
1990	10.2	8.6	14.4	16.7	9.5	9.2	6.3	5.8	6.4	8.2
1989	10.2	8.7	14.0	16.4	10.1	9.8	7.0	6.2	7.7	7.9
1988	10.4	8.8	13.8	16.0	9.8	10.0	6.6	6.3	ND	8.4
1987	10.5	8.7	13.6	15.7	10.2	10.1	7.2	6.5	ND	6.6
1986	10.4	8.7	13.5	15.6	10.2	10.4	6.8	6.7	8.7	7.2
1985	10.4	8.7	13.5	15.8	10.8	10.6	7.5	7.0	6.9	7.8
1984	10.2	8.6	13.2	15.6	10.4	10.8	7.2	7.0	7.7	7.8
1983	10.2	8.6	13.3	15.6	11.2	11.2	7.8	7.3	ND	8.0
1982	10.0	8.5	13.6	15.9	11.5	11.5	8.2	7.7	ND	7.9
1981	10.1	8.6	13.5	15.8	11.9	11.9	8.5	8.0	ND	8.5
1980	10.4	8.8	13.4	15.9	13.2	12.6	9.6	8.5	7.6	9.2
1979	10.0	8.5	13.4	15.6	13.4	13.1	9.8	8.9	7.6	9.6
1978	10.2	8.7	12.9	15.0	13.4	13.8	10.2	9.5	12.5	9.6
1977	10.0	8.6	13.0	15.1	13.9	14.1	10.4	9.9	12.4	11.2
1976	10.2	8.8	12.5	14.6	15.4	15.2	11.8	10.9	17.6	12.3
1975	10.2	8.8	12.6	14.6	16.3	16.1	12.5	11.6	ND	12.8
1974	10.4	9.1	12.8	14.8	17.1	16.7	13.3	12.3	7.3	14.6
1973	10.6	9.3	12.9	14.8	17.0	17.7	12.9	13.0	13.7	15.2
1972	10.7	9.4	13.7	15.6	17.9	18.5	13.8	13.6	12.3	18.8
1971	10.7	9.3	15.1	17.2	18.3	19.1	14.1	14.2	19.9	18.8
1970	10.7	9.5	16.3	18.4	20.2	20.0	15.8	15.1	20.8	21.5
1969	10.7	9.5	15.7	17.9	20.9	20.9	16.2	15.6	20.0	22.2
1968	11.1	9.7	15.8	17.6	21.6	21.8	17.0	16.1	17.8	24.5
1967	10.8	9.4	16.2	17.8	22.0	22.4	17.3	16.5	25.4	28.0
1966	10.9	9.5	16.8	18.4	22.1	23.7	17.1	17.2	25.5	29.1
1965	10.9	9.4	17.7	19.4	23.2	24.7	17.6	17.7	21.6	31.6
1964	10.8	9.4	19.1	21.1	23.0	24.8	17.7	17.9	28.4	33.3
1963	11.0	9.6	19.4	21.7	23.4	25.2	17.5	18.2	31.1	35.8
1962	10.8	9.5	19.9	22.4	23.7	25.3	18.2	18.3	26.5	35.2
1961	10.5	9.3	20.9	23.3	23.5	25.3	18.1	18.4	29.6	36.9
1960	10.7	9.5	21.3	23.7	24.6	26.0	18.9	18.7	31.5	37.1
1959	10.5	9.4	21.8	24.2	24.9	26.4	19.2	19.0	28.8	37.4
1958	10.7	9.5	22.5	24.5	25.5	27.1	19.7	19.5	34.4	37.6
1957	10.6	9.6	22.8	25.3	24.5	26.3	18.8	19.1	30.6	41.0
1956	10.3	9.4	22.3	25.2	24.5	26.0	18.8	18.9	36.3	40.9
1955	10.2	9.3	21.8	25.0	24.6	26.4	19.2	19.1	38.7	47.0
1950	10.5	9.6	21.1	24.1	27.6	29.2	20.6	20.5	76.7	83.3

* Total death and live birth rates per 1,000 population. Infant and neonatal mortality rates per 1,000 live births. Maternal mortality rate per 100,000 live births.

Notes: Rates based on less than 10 events are considered statistically unreliable and are not displayed (ND). See Technical Notes. NA=Data not available.

Figure C-1
Crude Death Rates
Pennsylvania and United States, 1950-2008

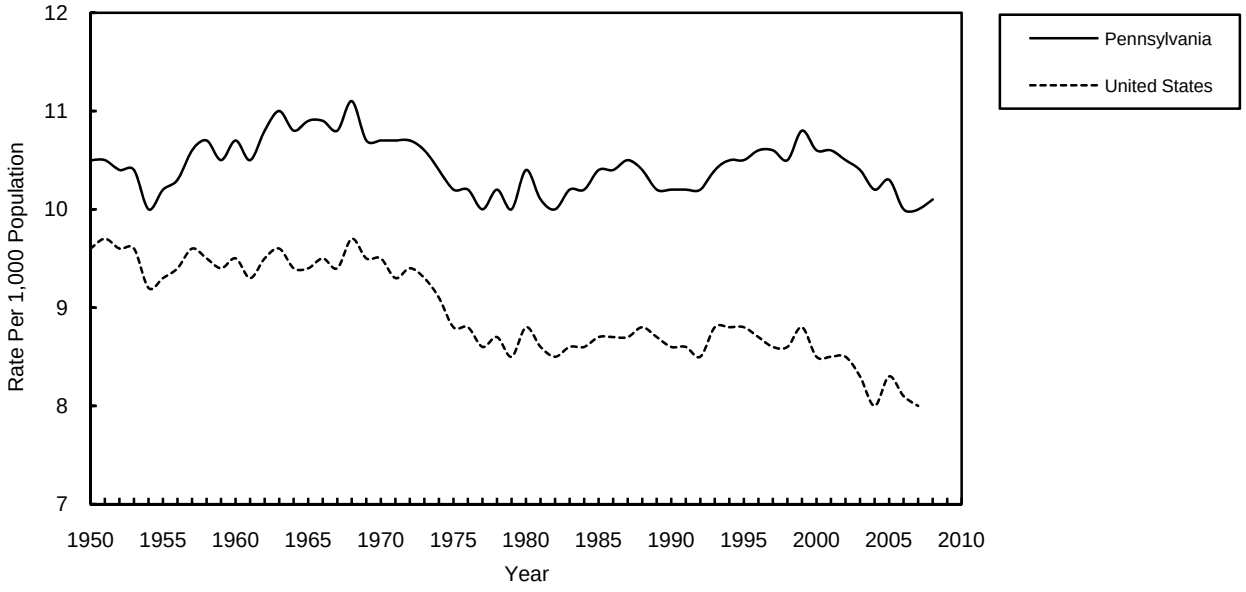


Figure C-2
Infant and Neonatal Mortality Rates
Pennsylvania and United States, 1950-2008

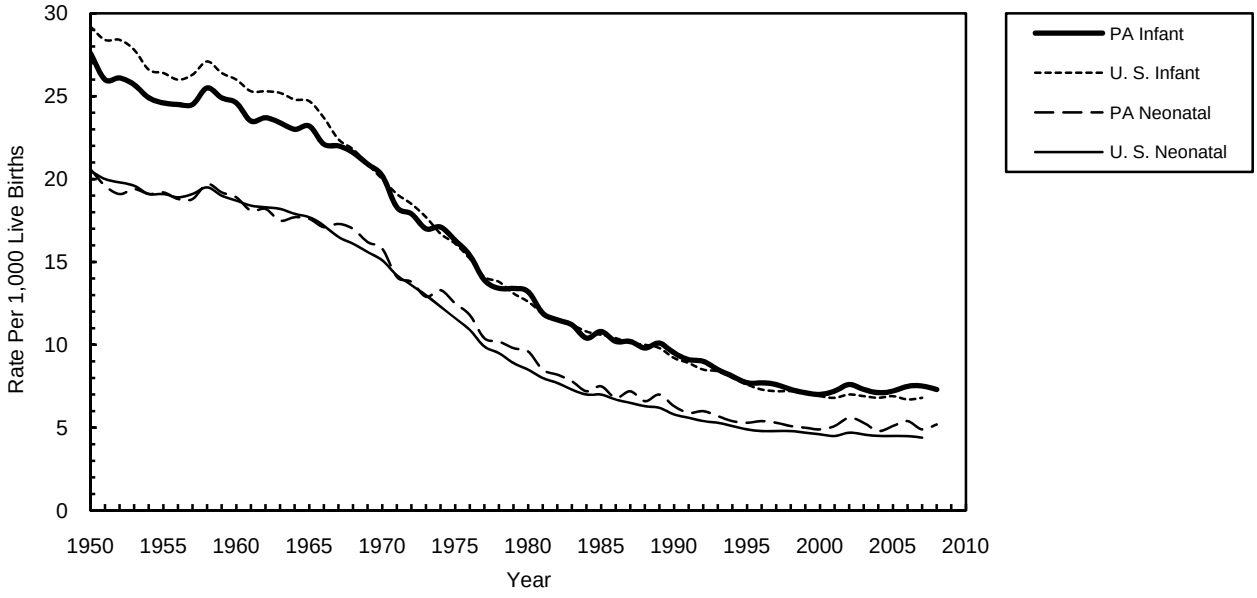


Table C-3
Resident Deaths by Age Group, Number and Rate*:
Pennsylvania, 2008, 2000, 1990, 1980, 1970, 1960

Age Group	2008		2000		1990		1980		1970		1960	
(In Years)	Number	Rate	Number	Rate	Number	Rate	Number	Rate	Number	Rate	Number	Rate
All Ages	126,332	10.1	130,092	10.6	121,081	10.2	123,233	10.4	126,564	10.7	121,163	10.7
Under 5	1,253	1.7	1,185	1.6	1,914	2.4	2,435	3.3	4,430	4.8	6,746	5.7
5 - 9	77	0.1	137	0.2	164	0.2	222	0.3	468	0.4	482	0.4
10 - 14	108	0.1	147	0.2	164	0.2	229	0.2	424	0.4	378	0.4
15 - 19	484	0.5	505	0.6	538	0.7	879	0.8	945	0.9	588	0.7
20 - 24	842	1.0	707	0.9	785	0.9	1,251	1.2	1,104	1.3	620	1.0
25 - 29	834	1.1	692	0.9	1,048	1.1	1,058	1.1	863	1.2	674	1.0
30 - 34	813	1.1	945	1.1	1,328	1.3	1,069	1.3	934	1.5	1,026	1.3
35 - 39	1,165	1.5	1,497	1.6	1,478	1.6	1,154	1.7	1,398	2.2	1,809	2.2
40 - 44	1,874	2.1	2,338	2.3	1,870	2.3	1,573	2.7	2,625	3.5	2,829	3.6
45 - 49	3,147	3.4	3,062	3.4	2,409	3.7	2,714	4.5	4,372	5.6	4,464	6.0
50 - 54	4,689	5.3	4,070	5.1	3,191	5.7	4,868	7.0	6,630	9.0	6,354	9.8
55 - 59	5,787	7.2	4,970	8.0	5,092	9.2	7,826	11.0	9,412	14.3	8,488	14.9
60 - 64	7,209	10.7	6,458	12.6	8,991	14.8	11,226	17.7	12,115	21.6	11,863	24.1
65 - 69	8,469	16.0	9,021	18.8	12,893	21.8	14,379	26.8	14,393	32.6	15,255	35.4
70 - 74	10,529	23.8	14,377	29.4	16,270	33.9	16,533	40.6	16,871	48.3	17,124	52.6
75 - 79	15,160	41.1	20,028	47.4	18,619	51.5	17,174	60.9	18,313	74.3	16,437	79.8
80 - 84	21,090	74.2	21,927	75.6	17,990	79.6	16,393	93.7	15,772	109.5	13,483	127.4
85 +	42,792	150.7	38,026	160.1	26,337	153.3	22,250	171.2	15,495	169.2	12,543	206.5
Unknown	10	-	**		**		**		**		**	

* Rate per 1,000 population in each age group.

**Unknown age included in the 85+ year age group for 1960, 1970, 1980, 1990, and 2000.

Note: Unknowns excluded from calculations for 2008.

Figure C-3
Resident Deaths, Percent by Age Group
Pennsylvania, 1960, 1970, 1980, 1990, 2000, and 2008

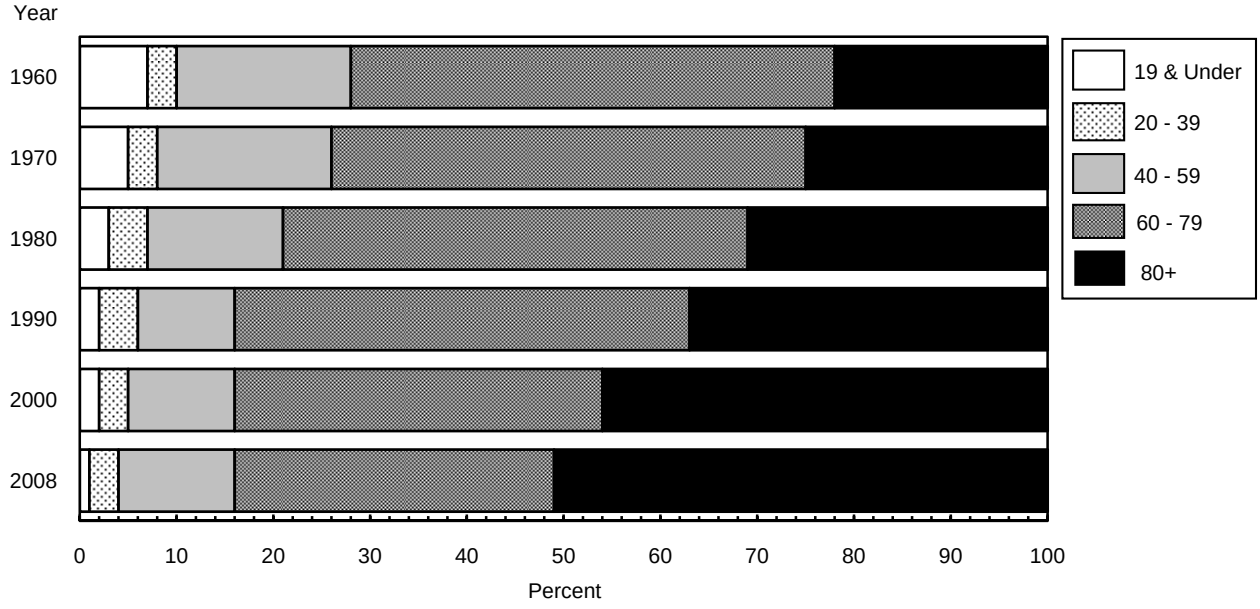


Figure C-4
Vital Events Summary Chart

The following figures represent an average day of vital events in 2008 for Pennsylvania residents:

Estimated Population as of July 1, 2008	12,448,279
	Number Per Day
Live Births	408
Abortions	102
Deaths	346
By Cause of Death*	Number Per Day
Diseases of Heart	91
Cancer	79
Chronic Lower Respiratory Disease	18
Cerebrovascular Disease	18
Accidents	16
Nontransport Accidents	11
Motor Vehicle Accidents	4
Alzheimer's Disease	11
Diabetes Mellitus	9
Nephritis, Nephrotic Syndrome & Nephrosis	9
Influenza & Pneumonia	7
Septicemia	7
Intentional Self-harm (Suicide)	4
Parkinson's Disease	3
Chronic Liver Disease and Cirrhosis	3
All Other Causes	72

*Column does not equal total deaths per day due to rounding.

Table C-4A
Resident Deaths by Age and Sex, Number and Rate*:
Pennsylvania, 2008

Age Group	Total**		Male		Female	
(In Years)	Number	Rate	Number	Rate	Number	Rate
All Ages	126,332	10.1	60,641	10.0	65,690	10.3
Under 5	1,253	1.7	713	1.9	539	1.5
5 - 9	77	0.1	44	0.1	33	0.1
10 - 14	108	0.1	62	0.2	46	0.1
15 - 19	484	0.5	351	0.8	133	0.3
20 - 24	842	1.0	642	1.4	200	0.5
25 - 29	834	1.1	619	1.6	215	0.6
30 - 34	813	1.1	559	1.5	254	0.7
35 - 39	1,165	1.5	759	1.9	406	1.0
40 - 44	1,874	2.1	1,164	2.7	710	1.6
45 - 49	3,147	3.4	1,908	4.2	1,239	2.7
50 - 54	4,689	5.3	2,935	6.8	1,754	3.9
55 - 59	5,787	7.2	3,608	9.3	2,179	5.3
60 - 64	7,209	10.7	4,253	13.2	2,956	8.4
65 - 69	8,469	16.0	4,876	20.0	3,593	12.5
70 - 74	10,529	23.8	5,808	30.0	4,721	18.9
75 - 79	15,160	41.1	7,808	51.9	7,352	33.6
80 - 84	21,090	74.2	9,809	91.5	11,281	63.7
85 +	42,792	150.7	14,718	167.6	28,074	143.1
Unknown	10	-	5	-	5	-

* Rate per 1,000 population for each specified age group and sex, 2008.
**Total includes any unknown sex.

Table C-4B
Resident Deaths by Age and Sex - White Race
Number and Rate*: Pennsylvania, 2008

Age Group	Total**		Male		Female	
(In Years)	Number	Rate	Number	Rate	Number	Rate
All Ages	113,923	10.7	54,437	10.5	59,486	10.9
Under 5	832	1.4	470	1.5	362	1.2
5 - 9	47	0.1	26	0.1	21	0.1
10 - 14	79	0.1	47	0.1	32	0.1
15 - 19	357	0.5	251	0.7	106	0.3
20 - 24	632	0.9	475	1.3	157	0.4
25 - 29	623	1.0	466	1.5	157	0.5
30 - 34	630	1.0	429	1.4	201	0.7
35 - 39	933	1.4	621	1.8	312	0.9
40 - 44	1,508	2.0	943	2.5	565	1.5
45 - 49	2,578	3.2	1,611	4.1	967	2.4
50 - 54	3,901	5.0	2,454	6.3	1,447	3.6
55 - 59	4,779	6.7	3,010	8.6	1,769	4.8
60 - 64	6,204	10.2	3,680	12.6	2,524	8.0
65 - 69	7,427	15.4	4,297	19.2	3,130	12.0
70 - 74	9,335	23.0	5,188	29.1	4,147	18.3
75 - 79	13,872	40.8	7,226	51.8	6,646	33.1
80 - 84	19,635	74.9	9,194	92.4	10,441	64.2
85 +	40,544	154.9	14,045	173.2	26,499	146.6
Unknown	7	-	4	-	3	-

* Rate per 1,000 White population for each specified age group and sex, 2008.
** Total includes any unknown sex.

Table C-4C
Resident Deaths by Age and Sex - Black Race
Number and Rate*: Pennsylvania, 2008

Age Group	Total**		Male		Female	
(In Years)	Number	Rate	Number	Rate	Number	Rate
All Ages	11,586	8.7	5,761	9.1	5,824	8.3
Under 5	363	3.6	210	4.1	152	3.0
5 - 9	27	0.3	17	0.3	10	0.2
10 - 14	26	0.2	14	0.3	12	0.2
15 - 19	122	1.0	97	1.6	25	0.4
20 - 24	195	1.6	155	2.6	40	0.7
25 - 29	195	1.9	145	2.8	50	1.0
30 - 34	172	1.9	125	2.8	47	1.0
35 - 39	216	2.4	130	3.1	86	1.9
40 - 44	340	3.8	205	4.9	135	2.8
45 - 49	538	6.1	275	6.7	263	5.5
50 - 54	758	9.6	462	13.0	296	6.8
55 - 59	940	14.4	557	19.4	383	10.4
60 - 64	938	18.4	534	24.6	404	13.8
65 - 69	969	26.7	531	35.6	438	20.5
70 - 74	1,112	36.5	574	48.4	538	29.0
75 - 79	1,189	49.7	538	62.1	651	42.7
80 - 84	1,362	74.1	563	91.2	799	65.4
85 +	2,123	114.2	628	113.9	1,495	114.4
Unknown	1	-	1	-	0	-

* Rate per 1,000 Black population for each specified age group and sex, 2008.
** Total includes any unknown sex.

Table C-4D
Resident Deaths by Age and Sex - Asian/Pacific Islander Races
Number and Rate*: Pennsylvania, 2008

Age Group	Total**		Male		Female	
(In Years)	Number	Rate	Number	Rate	Number	Rate
All Ages	662	2.3	349	2.4	313	2.1
Under 5	27	1.1	17	1.4	10	0.9
5 - 9	2	ND	1	ND	1	ND
10 - 14	1	ND	1	ND	0	ND
15 - 19	4	ND	2	ND	2	ND
20 - 24	11	0.5	8	ND	3	ND
25 - 29	12	0.6	5	ND	7	ND
30 - 34	8	ND	3	ND	5	ND
35 - 39	12	0.4	6	ND	6	ND
40 - 44	21	0.9	12	1.0	9	ND
45 - 49	28	1.4	20	2.1	8	ND
50 - 54	24	1.4	15	1.9	9	ND
55 - 59	55	3.9	30	4.5	25	3.3
60 - 64	56	4.9	31	5.7	25	4.2
65 - 69	57	7.2	37	9.8	20	4.8
70 - 74	72	12.8	40	15.0	32	10.9
75 - 79	84	23.4	38	23.4	46	23.4
80 - 84	83	36.2	46	46.5	37	28.3
85+	105	54.1	37	55.0	68	53.6
Unknown	0	-	0	-	0	-

* Rate per 1,000 Asian/Pacific Islander population for each specified age group and sex, 2008.
** Total includes any unknown sex.

Note: Rates based on less than 10 events are considered statistically unreliable and are not displayed (ND). See Technical Notes.

Table C-4E
Resident Deaths by Age and Sex - Hispanic Origin
Number and Rate*: Pennsylvania, 2008

Age Group	Total**		Male		Female	
(In Years)	Number	Rate	Number	Rate	Number	Rate
All Ages	1,466	2.5	886	3.0	580	2.0
Under 5	115	1.7	59	1.7	56	1.7
5 - 9	3	ND	1	ND	2	ND
10 - 14	8	ND	5	ND	3	ND
15 - 19	23	0.4	17	0.6	6	ND
20 - 24	31	0.6	25	1.0	6	ND
25 - 29	52	1.1	43	1.6	9	ND
30 - 34	48	1.1	34	1.4	14	0.7
35 - 39	60	1.3	43	1.9	17	0.8
40 - 44	70	1.8	57	2.9	13	0.7
45 - 49	89	2.6	59	3.5	30	1.8
50 - 54	116	4.6	83	6.8	33	2.5
55 - 59	131	6.7	85	9.1	46	4.5
60 - 64	119	8.9	73	11.4	46	6.6
65 - 69	127	13.6	74	17.0	53	10.7
70 - 74	95	14.3	63	21.3	32	8.7
75 - 79	115	24.0	60	29.5	55	19.9
80 - 84	102	32.7	44	34.2	58	31.6
85 +	160	48.0	59	45.9	101	49.3
Unknown	2	-	2	-	0	-

* Rate per 1,000 Hispanic population for each specified age group and sex, 2008.
** Total includes any unknown sex.

Notes: Hispanic origin can be of any race.
Rates based on less than 10 events are considered statistically unreliable and are not displayed (ND). See Technical Notes.

Table C-5
Age-Adjusted Death Rates* by Sex,
Pennsylvania Residents, 1970, 1975-2008

Year	Total	Male **	Female
2008	8.1	9.9	6.9
2007	8.4	10.3	7.0
2006	8.5	10.6	7.1
2005	8.4	10.3	7.1
2004	8.4	10.2	7.1
2003	8.7	10.7	7.3
2002	8.9	10.8	7.4
2001	8.6	10.5	7.3
2000	8.9	10.9	7.4
1999	8.7	10.5	7.3
1998	8.6	10.5	7.1
1997	8.8	10.8	7.3
1996	9.1	11.3	7.5
1995	9.1	11.4	7.4
1994	9.1	11.4	7.5
1993	9.4	11.8	7.6
1992	9.1	11.5	7.4
1991	9.2	11.7	7.5
1990	9.5	12.2	7.6
1989	9.2	11.6	7.5
1988	9.5	12.0	7.7
1987	9.7	12.2	7.8
1986	9.7	12.2	7.8
1985	9.8	12.5	7.9
1984	9.9	12.7	8.0
1983	10.1	12.9	8.1
1982	10.1	13.0	8.0
1981	10.4	13.4	8.3
1980	11.0	14.3	8.8
1979	10.6	13.8	8.4
1978	11.0	14.4	8.7
1977	11.1	14.5	8.8
1976	11.6	15.0	9.1
1975	11.5	15.0	9.1
1970	13.0	16.4	10.5

* Age-adjusted rates are computed by the direct method using the 2000 U.S. standard million population. Rates are per 1,000. See Technical Notes.
**Unknown sex included in the male category for 1970-2001.
Note: Unknowns excluded from calculations for 2002 - 2008.

Figure C-5
Age-Adjusted Death Rates by Sex
Pennsylvania Residents, 1970-2008

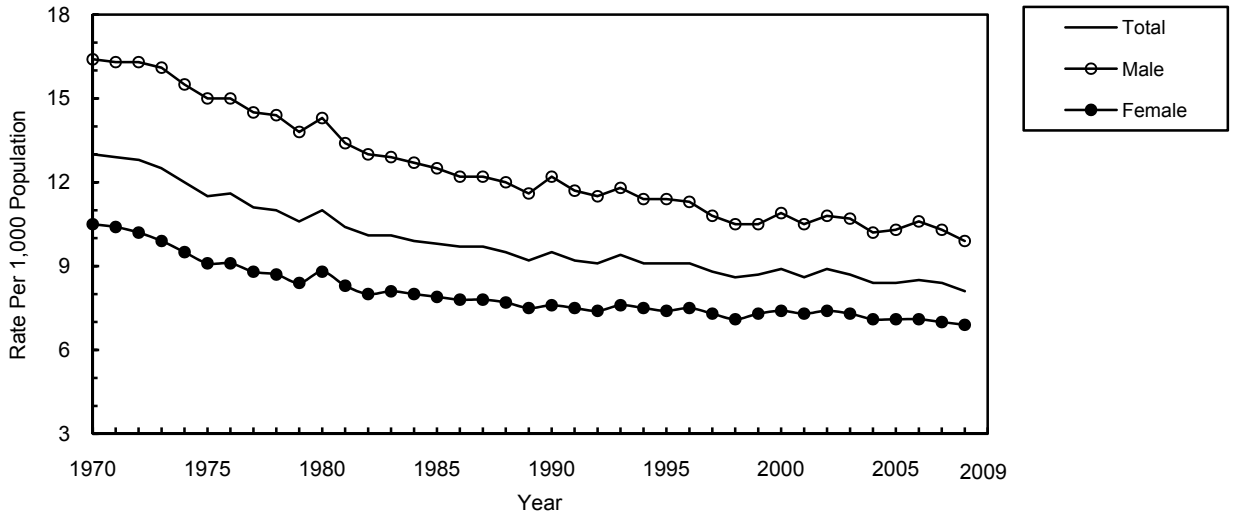


Table C-6
Age-Adjusted Death Rates* by Race and Hispanic Origin
Pennsylvania Residents, 1980, 1985-2008

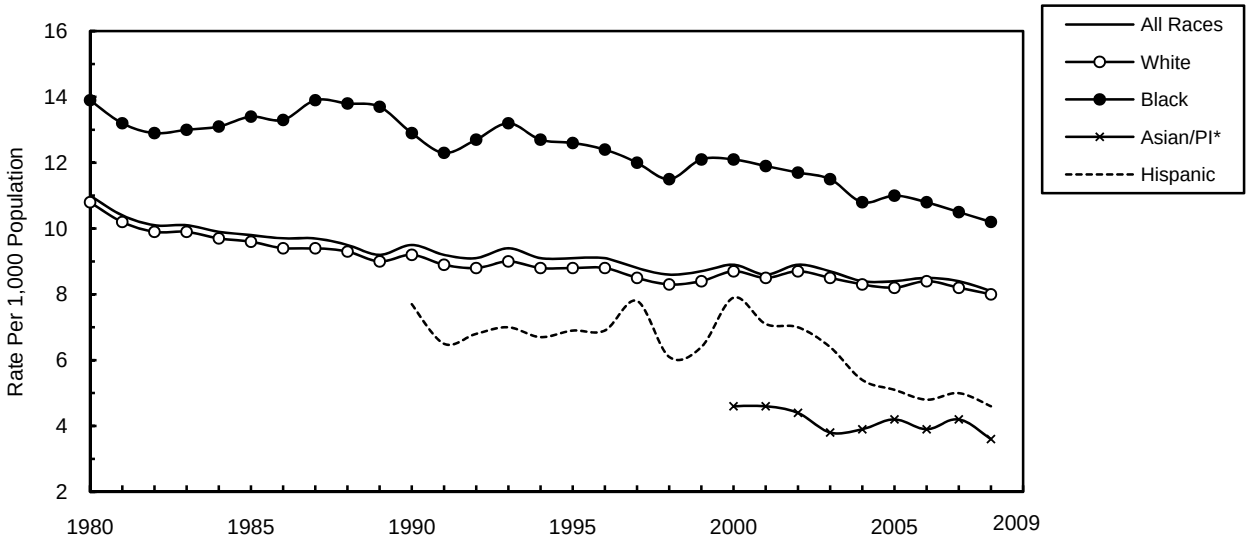
	Race				
Year	All Races	White **	Black	Asian/ Pacific Islander	Hispanic Origin
2008	8.1	8.0	10.2	3.6	4.6
2007	8.4	8.2	10.5	4.2	5.0
2006	8.5	8.4	10.8	3.9	4.8
2005	8.4	8.2	11.0	4.2	5.1
2004	8.4	8.3	10.8	3.9	5.4
2003	8.7	8.5	11.5	3.8	6.4
2002	8.9	8.7	11.7	4.4	7.0
2001	8.6	8.5	11.9	4.6	7.1
2000	8.9	8.7	12.1	4.6	7.9
1999	8.7	8.4	12.1	NA	6.4
1998	8.6	8.3	11.5	NA	6.1
1997	8.8	8.5	12.0	NA	7.8
1996	9.1	8.8	12.4	NA	6.9
1995	9.1	8.8	12.6	NA	6.9
1994	9.1	8.8	12.7	NA	6.7
1993	9.4	9.0	13.2	NA	7.0
1992	9.1	8.8	12.7	NA	6.8
1991	9.2	8.9	12.3	NA	6.5
1990	9.5	9.2	12.9	5.2	7.7
1989	9.2	9.0	13.7	NA	NA
1988	9.5	9.3	13.8	NA	NA
1987	9.7	9.4	13.9	NA	NA
1986	9.7	9.4	13.3	NA	NA
1985	9.8	9.6	13.4	NA	NA
1980	11.0	10.8	13.9	NA	NA

* Age-adjusted rates are computed by the direct method using the 2000 U.S. standard million population. Rates are per 1,000. See Technical Notes.

** Unknown race included in the White category for 1980-2001.

Notes: Unknowns excluded from calculations for 2002-2008.
Hispanic origin can be of any race.
NA=Data not available.

Figure C-6
Age-Adjusted Death Rates by Race and Hispanic Origin
Pennsylvania Residents, 1980-2008



*Pacific Islander
Note: Hispanic origin can be of any race.

Table C-7A

Infant, Neonatal, and Postneonatal Deaths by Race and Hispanic Origin
Pennsylvania Residents, 1980, 1985, 1990-2008

	Infant Deaths				Neonatal Deaths				Postneonatal Deaths			
Year	All Races	White*	Black	Hispanic Origin	All Races	White*	Black	Hispanic Origin	All Races	White*	Black	Hispanic Origin
2008	1,090	716	322	101	779	510	230	73	311	206	92	28
2007	1,123	676	375	91	739	447	233	55	384	229	142	36
2006	1,122	689	367	77	806	479	278	55	316	210	89	22
2005	1,047	680	320	86	742	483	220	62	305	197	100	24
2004	1,026	682	299	93	692	453	205	70	334	229	94	23
2003	1,060	702	320	83	775	509	235	58	285	193	85	25
2002	1,081	744	299	78	792	558	200	50	289	186	99	28
2001	1,038	725	295	78	736	534	190	53	302	191	105	25
2000	1,023	687	320	63	718	498	211	42	305	189	109	21
1999	1,025	677	335	60	723	481	232	33	302	196	103	27
1998	1,056	724	315	60	745	522	207	47	311	202	108	13
1997	1,090	723	352	65	758	499	251	45	332	224	101	20
1996	1,145	792	339	65	796	557	229	48	349	235	110	17
1995	1,164	776	373	62	797	544	245	39	367	232	128	23
1994	1,272	814	431	75	851	557	276	49	421	257	155	26
1993	1,357	868	474	66	915	614	297	38	442	254	177	28
1992	1,467	934	517	59	978	631	339	42	489	303	178	17
1991	1,520	1,018	492	64	991	667	318	45	529	351	174	19
1990	1,627	1,091	512	65	1,077	719	343	41	550	372	169	24
1985	1,734	1,276	447	***	1,201	896	295	***	533	380	152	***
1980	2,095	1,620	457	***	1,529	1,204	313	***	566	416	144	***

Table C-7B

Infant, Neonatal, and Postneonatal Mortality Rates by Race and Hispanic Origin**
Pennsylvania Residents, 1980, 1985, 1990-2008

	Infant Deaths				Neonatal Deaths				Postneonatal Deaths			
Year	All Races	White*	Black	Hispanic Origin	All Races	White*	Black	Hispanic Origin	All Races	White*	Black	Hispanic Origin
2008	7.3	6.7	14.4	7.3	5.2	4.7	10.3	5.3	2.1	1.9	4.1	2.0
2007	7.5	6.2	17.0	6.6	4.9	4.1	10.6	4.0	2.6	2.1	6.4	2.6
2006	7.5	6.3	17.0	5.8	5.4	4.4	12.9	4.2	2.1	1.9	4.1	1.7
2005	7.2	6.3	15.7	7.1	5.1	4.4	10.8	5.1	2.1	1.8	4.9	2.0
2004	7.1	6.3	15.0	8.1	4.8	4.2	10.3	6.1	2.3	2.1	4.7	2.0
2003	7.3	6.2	16.1	7.7	5.3	4.5	11.8	5.4	2.0	1.7	4.3	2.3
2002	7.6	6.4	15.2	9.0	5.6	4.8	10.2	5.8	2.0	1.6	5.0	3.2
2001	7.2	6.1	14.9	9.6	5.1	4.5	9.6	6.5	2.1	1.6	5.3	3.1
2000	7.0	5.7	15.8	8.4	4.9	4.1	10.4	5.6	2.1	1.6	5.4	2.8
1999	7.1	5.6	16.7	8.4	5.0	4.0	11.6	4.6	2.1	1.6	5.1	3.8
1998	7.3	6.0	15.4	8.7	5.1	4.3	10.1	6.8	2.1	1.7	5.3	1.9
1997	7.6	6.0	17.4	9.8	5.3	4.2	12.4	6.8	2.3	1.9	5.0	3.0
1996	7.7	6.4	16.6	9.7	5.4	4.5	11.2	7.2	2.4	1.9	5.4	2.5
1995	7.7	6.2	17.5	9.5	5.3	4.3	11.5	6.0	2.4	1.8	6.0	3.5
1994	8.1	6.3	18.6	12.0	5.4	4.3	11.9	7.8	2.7	2.0	6.7	4.1
1993	8.5	6.6	19.5	10.5	5.7	4.7	12.2	6.1	2.8	1.9	7.3	4.5
1992	9.0	6.9	20.4	10.0	6.0	4.7	13.4	7.1	3.0	2.2	7.0	2.9
1991	9.1	7.3	19.2	10.8	5.9	4.8	12.4	7.6	3.2	2.5	6.8	3.2
1990	9.5	7.6	20.1	11.6	6.3	5.0	13.5	7.3	3.2	2.6	6.6	4.3
1985	10.8	9.3	21.4	***	7.5	6.5	14.2	***	3.3	2.8	7.3	***
1980	13.2	11.7	24.2	***	9.6	8.7	16.6	***	3.6	3.0	7.6	***

* Unknown race included in White category for 1980-2001. Unknowns excluded from calculations for 2002-2008.
** Rate per 1,000 live births; race of child is used to classify deaths and race of mother is used to classify births.
*** Hispanic origin data were not collected prior to 1989.

Notes: Hispanic origin can be of any race.
Rates based on less than 10 events are considered statistically unreliable and are not displayed (ND).

Figure C-7A
Resident Infant, Neonatal, and Postneonatal Mortality Rates, Pennsylvania, 1980-2008

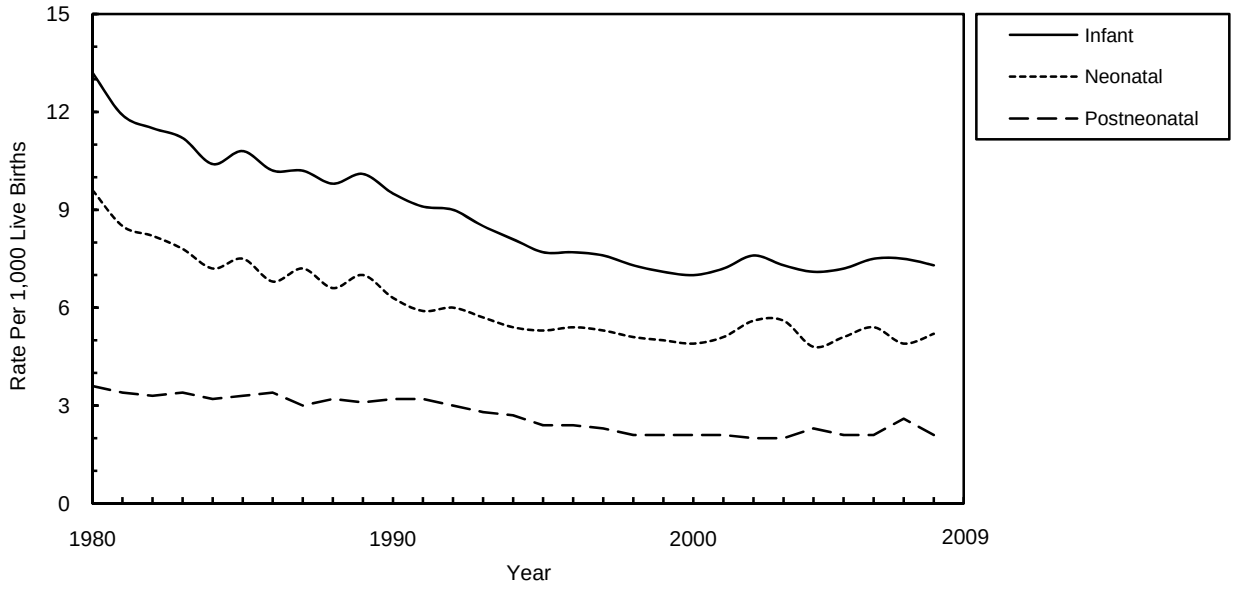
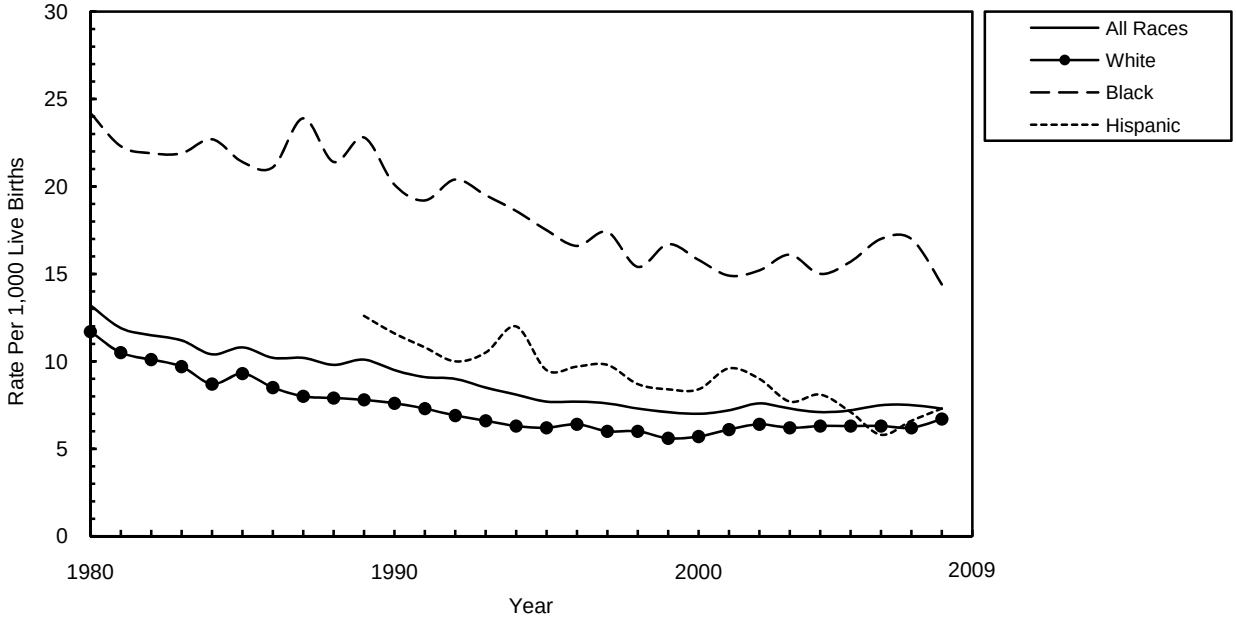


Figure C-7B
Resident Infant Mortality Rates by Race and Hispanic Origin Pennsylvania, 1980-2008



Note: Hispanic origin can be of any race.

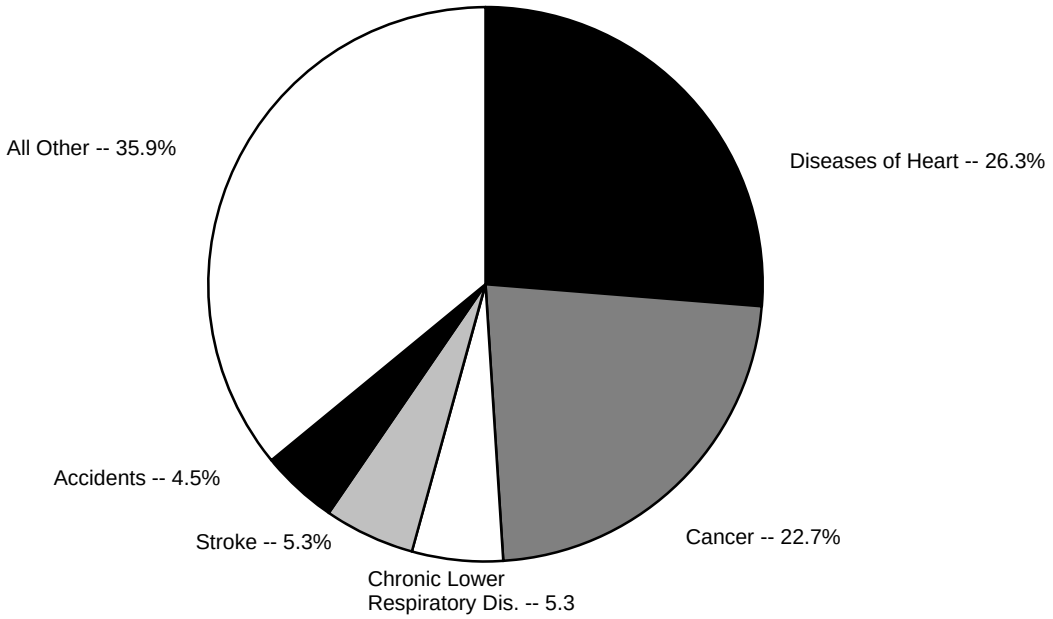
Table C-8
Leading Causes of Death,
Pennsylvania Residents, 2008, 2000, 1990, 1980, 1970, 1960

Cause of Death*	2008		2000		1990		1980		1970		1960	
	Number	Rank	Number	Rank	Number	Rank	Number	Rank	Number	Rank	Number	Rank
All Causes	126,332		130,092		121,081		123,233		126,564		121,163	
Diseases of Heart	33,179	1	40,446	1	43,204	1	50,677	1	52,476	1	51,431	1
Malignant Neoplasms	28,699	2	29,989	2	29,677	2	26,040	2	22,013	2	19,612	2
Chronic Lower Respiratory Disease	6,695	3	6,045	4	4,487	4	3,263	5	**		**	
Cerebrovascular Disease	6,676	4	8,885	3	7,678	3	9,539	3	12,573	3	12,632	3
Accidents	5,669	5	4,500	5	4,001	5	4,586	4	5,336	4	4,866	4
Alzheimer's Disease	3,844	6	2,533	10	615		**		**		**	
Diabetes Mellitus	3,292	7	3,781	6	3,082	7	2,599	7	2,819	6	2,779	8
Nephritis, Nephrotic Syndrome and Nephrosis	3,116	8	2,675	8	1,398	10	1,109		530		938	
Influenza and Pneumonia	2,701	9	3,047	7	3,876	6	2,869	6	3,466	5	3,889	5
Septicemia	2,417	10	2,573	9	1,705	8	803		215		121	
Intentional Self-harm (Suicide)	1,522		1,348		1,446	9	1,317	10	1,337	10	1,099	
Chronic Liver Disease and Cirrhosis	1,094		1,079		1,232		1,625	9	1,846	9	1,321	9
Perinatal Conditions	611		552		824		1,194		2,391	7	3,820	6
Congenital Malformations, Deformations and Chromosomal Abnorm.	389		414		577		661		984		1,266	10
Atherosclerosis	339		644		756		1,837	8	2,320	8	2,899	7
All Other	26,089		21,581		16,523		15,114		18,258		14,490	

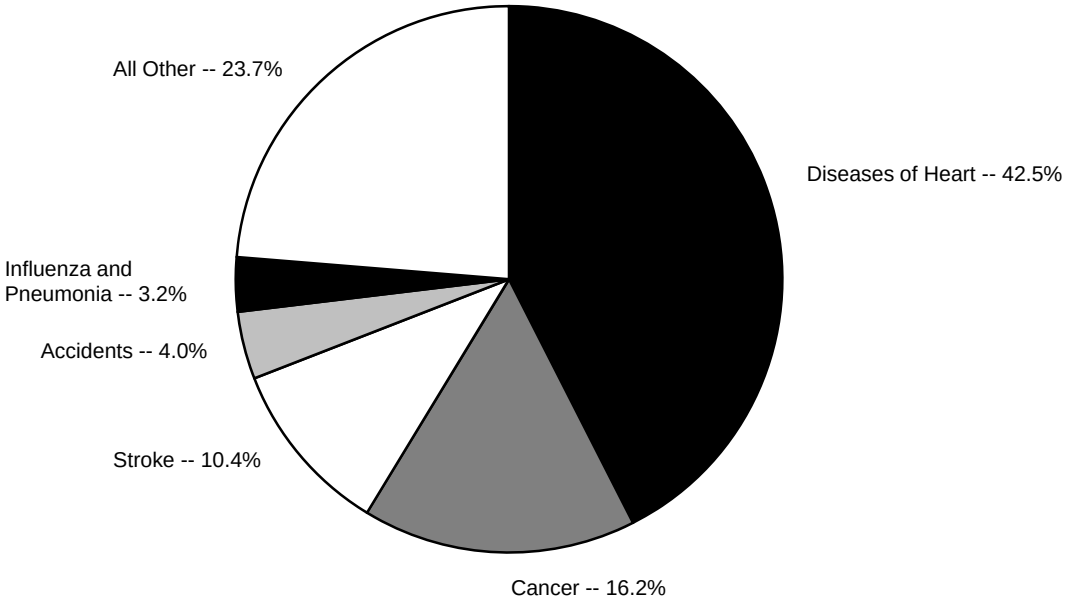
* 2000 and 2008 data based on the International Classification of Diseases, Tenth Revision.
1990 and 1980 data based on the International Classification of Diseases, Ninth Revision.
1970 data based on the International Classification of Diseases, Eighth Revision.
1960 data based on the International Classification of Diseases, Seventh Revision.

**Data not available or comparable.

Figure C-8
Resident Deaths, Percent by Five Leading Causes
Pennsylvania, 2008 and 1960



2008



1960

Table C-9A

Median Age at Death by Race and Hispanic Origin
Pennsylvania Residents, 1980 and 1990-2008

	Median Age at Death				
Year	All Races	White*	Black	Asian/ Pacific Islander	Hispanic Origin
2008	80.2	80.9	70.0	71.0	59.5
2007	80.0	80.7	69.2	73.1	60.5
2006	79.6	80.4	69.2	68.4	58.2
2005	79.7	80.4	69.9	69.4	59.4
2004	79.5	80.2	69.8	68.2	59.1
2003	79.3	80.0	70.3	70.5	60.1
2002	79.2	79.9	70.3	67.4	60.9
2001	79.0	79.6	70.6	68.5	58.7
2000	78.8	79.4	70.6	68.3	62.5
1999	78.6	79.2	70.4	66.9	61.1
1998	78.2	78.8	70.5	65.6	61.5
1997	77.8	78.5	69.1	66.1	60.4
1996	77.5	78.2	68.6	65.6	57.8
1995	77.2	77.9	68.5	65.6	54.3
1994	76.9	77.7	67.6	65.8	55.4
1993	76.5	77.3	68.1	64.7	55.4
1992	76.2	76.9	67.5	64.2	57.5
1991	76.0	76.6	67.5	64.1	56.9
1990	75.7	76.3	67.2	63.0	59.3
1980	73.2	73.8	65.5	60.4	NA

* Unknown race included in the White category for 1980 and 1990-2001.

Notes: Unknowns excluded from calculations for 2002-2008.
Hispanic origin can be of any race.
NA=Data not available.

Table C-9B

Median Age at Death by Race, Hispanic Origin, and Sex
Pennsylvania Residents, 1980 and 1990-2008

	Median Age at Death									
	All Races		White**		Black		Asian/ Pacific Islander		Hispanic Origin	
	Males*	Females	Males*	Females	Males*	Females	Males*	Females	Males*	Females
2008	76.5	83.1	77.5	83.6	64.6	75.2	68.0	74.2	56.0	66.4
2007	76.4	82.8	77.4	83.4	63.6	74.9	69.0	76.7	57.0	65.6
2006	76.0	82.6	77.0	83.2	63.7	74.7	64.8	74.0	54.7	66.7
2005	76.3	82.5	77.2	83.1	64.1	75.3	67.1	74.2	54.1	66.5
2004	76.1	82.4	76.9	82.9	64.7	74.6	66.4	71.8	56.6	63.3
2003	76.0	82.1	76.8	82.6	65.2	75.1	70.4	71.1	56.5	66.8
2002	75.9	82.0	76.7	82.5	65.5	74.5	65.2	71.7	56.1	67.2
2001	75.8	81.7	76.5	82.2	66.0	74.7	64.5	71.2	54.9	65.4
2000	75.6	81.7	76.4	82.2	66.3	74.6	64.0	73.6	58.4	67.7
1999	75.4	81.5	76.1	82.0	66.0	74.4	63.5	68.8	55.8	67.8
1998	75.2	81.1	75.9	81.6	66.4	74.3	63.1	66.8	57.2	68.1
1997	74.5	80.9	75.4	81.4	65.0	73.1	62.5	68.8	54.5	67.9
1996	74.3	80.7	75.0	81.3	64.5	72.6	63.3	68.2	54.0	64.4
1995	73.9	80.4	74.8	80.9	64.1	73.3	63.7	66.8	47.1	67.3
1994	73.6	80.1	74.4	80.7	63.6	72.0	60.9	70.1	50.4	64.5
1993	73.3	79.7	74.2	80.3	63.9	72.6	59.9	70.5	48.4	64.4
1992	73.1	79.3	73.9	79.9	63.9	71.2	65.9	63.4	52.1	67.4
1991	72.9	79.2	73.7	79.7	64.1	71.4	59.1	68.2	49.1	68.4
1990	72.6	78.8	73.4	79.4	63.8	71.1	62.4	63.1	56.5	66.6
1980	70.3	76.8	70.8	77.4	63.4	68.5	65.7	53.5	NA	NA

* Unknown sex included in the male category for 1980 and 1990-2001.
** Unknown race included in the White category for 1980 and 1990-2001.

Notes: Unknowns excluded from calculations for 2002 - 2008.
Hispanic origin can be of any race.
NA=Data not available.

Table C-9C

Median Age at Death for Selected Leading Causes by Race, Hispanic Origin, and Sex
Pennsylvania Residents, 2008

	Median Age at Death											
	All Races			White			Black			Hispanic Origin		
Cause of Death	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female
All Causes	80.2	76.5	83.1	80.9	77.5	83.6	70.0	64.6	75.2	59.5	56.0	66.4
Diseases of Heart	83.1	79.3	86.0	83.7	80.1	86.4	73.3	69.0	78.4	68.7	64.9	74.1
Malignant Neoplasms	74.7	73.7	75.9	75.3	74.2	76.5	70.1	70.0	70.2	62.5	61.7	64.2
Cerebrovascular Disease	83.5	80.8	85.3	84.0	81.3	85.8	78.1	74.0	79.8	69.4	68.9	70.3
Chronic Lower Respiratory Dis.	80.3	79.2	81.4	80.6	79.4	81.6	74.1	70.9	75.6	67.7	67.1	68.4
Accidents	52.1	48.4	68.4	52.8	48.5	71.4	48.4	47.9	48.8	37.7	37.1	41.4
Nontransport Accidents	56.7	51.3	75.8	58.5	51.3	78.3	50.8	51.7	49.0	41.8	41.8	39.7
Motor Vehicle Accidents	40.8	39.0	45.6	41.3	39.6	45.6	37.4	36.7	44.5	31.8	30.2	ND
Other Transport Accidents	46.7	46.4	48.3	47.3	47.3	ND	45.0	ND	ND	ND	ND	ND
Diabetes Mellitus	77.7	74.6	79.9	78.5	75.9	80.5	71.0	67.2	75.7	68.3	61.6	79.5
Alzheimer's Disease	87.8	86.1	88.6	87.8	86.1	88.6	87.7	85.8	88.0	85.1	ND	85.1
Nephritis, Nephrotic Syndrome and Nephrosis	82.0	80.9	83.2	83.1	82.0	83.9	72.0	67.6	76.5	69.9	69.3	78.7
Influenza & Pneumonia	84.7	82.8	86.5	85.1	83.2	86.9	76.7	72.3	80.0	71.5	73.8	ND
Septicemia	79.9	77.5	81.4	80.8	79.1	82.6	74.5	70.3	76.5	66.2	66.9	53.9
Intentional Self-harm (Suicide)	47.2	47.1	48.3	47.7	47.5	49.1	34.9	37.5	27.7	38.0	39.2	ND
Parkinson's Disease	83.7	82.7	84.9	83.8	82.8	85.1	81.8	81.7	81.8	ND	ND	ND
Chronic Liver Dis. and Cirrhosis	60.7	58.3	65.7	61.1	58.6	66.3	58.0	56.8	61.3	61.7	58.3	64.8
Essential Hypertension/H.R.D.**	83.9	79.7	85.8	84.8	81.6	86.1	76.4	75.0	79.3	67.3	ND	ND
Assault (Homicide)	29.4	28.2	37.9	39.0	37.6	43.0	26.4	26.2	29.6	35.2	35.2	31.9

** Hypertensive Renal Disease
Notes: Unknowns excluded from calculations. Hispanic origin can be of any race.
Median age for categories with less than 10 deaths are not displayed (ND).

Table C-10

Age-Adjusted Death Rates for Selected Leading Causes by Race, Hispanic Origin, and Sex
Pennsylvania Residents, 2008

	Age-Adjusted Rate											
	All Races			White			Black			Hispanic Origin		
Cause of Death	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female
All Causes	814.9	986.9	685.1	803.4	973.6	675.3	1020.8	1263.5	844.9	460.9	570.7	360.8
Diseases of Heart	207.3	259.5	168.5	205.1	257.6	166.0	256.6	322.9	210.6	100.5	117.0	85.6
Malignant Neoplasms	187.9	233.5	157.8	186.8	231.8	156.8	226.6	295.6	186.0	88.5	104.7	73.8
Cerebrovascular Disease	41.8	42.9	40.4	40.5	41.7	39.1	59.7	64.8	56.1	24.9	27.0	23.3
Chronic Lower Respiratory Dis.	42.8	52.5	36.7	43.9	53.9	37.6	33.3	37.9	30.3	12.6	17.9	ND
Accidents	42.0	59.0	26.5	43.1	60.4	27.3	42.2	64.3	24.2	31.5	50.8	12.4
Nontransport Accidents	29.6	40.0	20.3	30.0	40.5	20.5	33.1	48.1	21.3	20.2	31.3	9.5
Motor Vehicle Accidents	11.9	18.1	6.0	12.7	19.0	6.6	8.2	15.1	ND	10.2	17.1	ND
Other Transport Accidents	0.5	0.9	ND	0.5	0.9	ND	ND	ND	ND	ND	ND	ND
Diabetes Mellitus	21.3	25.2	18.4	20.6	24.4	17.8	32.8	40.9	26.8	20.7	20.9	19.7
Alzheimer's Disease	22.8	19.1	24.5	23.6	20.0	25.4	14.5	10.1	16.5	10.9	ND	ND
Nephritis, Nephrotic Syndrome and Nephrosis	19.6	25.5	16.0	18.3	24.2	14.8	36.9	45.7	30.8	13.2	ND	ND
Influenza & Pneumonia	16.7	20.5	14.4	16.8	20.6	14.4	17.0	21.7	14.1	7.8	ND	ND
Septicemia	15.6	18.0	14.0	14.3	16.9	12.5	33.5	34.5	32.6	12.7	18.3	ND
Intentional Self-harm (Suicide)	11.9	20.3	4.2	12.9	21.7	4.5	6.2	11.5	ND	7.9	13.4	ND
Parkinson's Disease	7.4	11.7	4.9	7.8	12.2	5.1	3.6	ND	3.0	ND	ND	ND
Chronic Liver Dis. and Cirrhosis	7.6	10.4	5.0	7.7	10.6	5.1	7.3	10.2	4.9	8.8	ND	ND
Essential Hypertension/H.R.D.**	6.4	6.8	6.1	6.0	6.3	5.6	12.9	14.5	11.9	ND	ND	ND
Assault (Homicide)	5.7	9.5	1.9	2.3	3.1	1.4	30.5	56.3	5.8	9.7	16.0	ND

* Based on less than 20 events - statistically unreliable.
** Hypertensive Renal Disease
Notes: Age-adjusted rates are computed by the direct method using the 2000 U.S. standard million population.
Rates are per 100,000. Unknowns excluded from calculations. Hispanic origin can be of any race.
Age-adjusted rates for categories with less than 20 deaths are statistically unreliable and are not displayed (ND).

Table C-11A

Selected Causes of Death by Age Group

Number and Rank: Pennsylvania Residents, 2008

Cause of Death	All Ages*		Under 5 Years		5 - 24 Years		25 - 44 Years		45 - 64 Years		65 - 84 Years		85 Years & Over	
	Number	Rank	Number	Rank	Number	Rank	Number	Rank	Number	Rank	Number	Rank	Number	Rank
All Causes	126,332		1,253		1,511		4,686		20,832		55,248		42,792	
Diseases of Heart	33,179	1	12	8	46	5	573	3	4,494	2	13,823	2	14,229	1
Malignant Neoplasms	28,699	2	22	5	93	4	653	2	6,961	1	15,748	1	5,221	2
Chronic Lower Respiratory Dis.	6,695	3	3		17	7	47		706	4	3,885	3	2,037	5
Cerebrovascular Disease	6,676	4	5	10	10	9	103	6	692	5	2,982	4	2,884	3
Accidents	5,669	5	74	3	710	1	1,377	1	1,428	3	1,154	9	925	8
Nontransport Accidents	4,069		62		308		905		1,033		899		861	
Motor Vehicle Accidents	1,530		12		387		454		368		247		62	
Other Transport Accidents	70		0		15		18		27		8		2	
Alzheimer's Disease	3,844	6	0		0		0		27		1,254	7	2,563	4
Diabetes Mellitus	3,292	7	0		5		84	7	670	6	1,702	5	831	9
Nephritis, Nephrotic Syndrome and Nephrosis	3,116	8	7	9	6		39		366	10	1,479	6	1,219	7
Influenza & Pneumonia	2,701	9	19	7	14	8	38		247		1,066	10	1,317	6
Septicemia	2,417	10	27	4	10	9	58	10	394	9	1,184	8	744	10
Intentional Self-harm (Suicide)	1,522		0		168	3	514	4	595	7	211		34	
Parkinson's Disease	1,187		0		0		0		24		668		495	
Chronic Liver Dis. and Cirrhosis	1,094		0		1		84	7	574	8	387		48	
Essential Hypertension and Hypertensive Renal Disease	1,037		0		1		13		123		428		472	
In Situ, Benign, and Uncertain Neoplasms	823		0		10	9	18		107		419		269	
Assault (Homicide)	692		22	5	236	2	296	5	105		26		7	
Perinatal Conditions	611		609	1	1		1		0		0		0	
Congenital Malformations, Deformations & Chromosomal Abnormalities	389		217	2	29	6	43		57		24		19	
Atherosclerosis	339		0		0		1		9		114		215	
Anemias	324		2		3		13		34		121		151	
HIV Disease	304		0		1		79	9	205		19		0	
Disorders of Biliary Tract & Pancreas	213		0		2		10		50		81		70	
Multiple Sclerosis	201		0		1		11		96		88		5	
Cholelithiasis & Other Disorders of Gallbladder	149		0		0		3		10		70		66	
Phlebitis, Thrombophlebitis, Venous Embolism & Thrombosis	140		0		2		13		38		48		39	
Nutritional Deficiencies	132		0		0		1		14		58		59	
Pneumoconiosis	117		0		0		0		2		61		54	
Peptic Ulcer	116		0		1		1		16		49		49	
Hernia	77		0		0		1		10		33		33	
Epilepsy	49		2		4		6		18		17		2	
All Other Causes	20,528		232		140		606		2,760		8,049		8,735	

*Includes any unknown ages.

Note: Rankings are not shown for causes with less than 5 deaths.

Table C-11B

Selected Causes of Death by Age Group - Males

Number and Rank: Pennsylvania Residents, 2008

Cause of Death	All Ages*		Under 5 Years		5 - 24 Years		25 - 44 Years		45 - 64 Years		65 - 84 Years		85 Years & Over	
	Number	Rank	Number	Rank	Number	Rank	Number	Rank	Number	Rank	Number	Rank	Number	Rank
All Causes	60,641		713		1,099		3,101		12,704		28,301		14,718	
Diseases of Heart	15,883	1	10	8	31	5	388	3	3,144	2	7,479	2	4,830	1
Malignant Neoplasms	14,773	2	12	5	55	4	286	4	3,799	1	8,307	1	2,313	2
Chronic Lower Respiratory Dis.	3,186	4	2		10	7	35	10	371	8	1,936	3	832	3
Cerebrovascular Disease	2,589	5	2		4		50	9	379	7	1,355	4	799	4
Accidents	3,592	3	44	3	524	1	1,003	1	1,026	3	642	7	352	8
Nontransport Accidents	2,422		34		229		633		719		484		322	
Motor Vehicle Accidents	1,113		10		283		355		284		152		29	
Other Transport Accidents	57		0		12		15		23		6		1	
Alzheimer's Disease	1,101		0		0		0		15		466	10	620	5
Diabetes Mellitus	1,579	6	0		3		56	7	400	6	834	5	286	9
Nephritis, Nephrotic Syndrome and Nephrosis	1,545	7	4		1		24		217	9	764	6	535	6
Influenza & Pneumonia	1,223	9	11	6	8	8	21		136		569	9	478	7
Septicemia	1,103	10	11	6	2		31		206	10	581	8	272	10
Intentional Self-harm (Suicide)	1,249	8	0		138	3	424	2	483	4	176		28	
Parkinson's Disease	682		0		0		0		17		420		245	
Chronic Liver Dis. and Cirrhosis	690		0		1		59	6	403	5	206		21	
Essential Hypertension and Hypertensive Renal Disease	414		0		0		8		78		187		141	
In Situ, Benign, and Uncertain Neoplasms	410		0		8	8	7		62		224		109	
Assault (Homicide)	570		14	4	208	2	257	5	72		18		1	
Perinatal Conditions	356		354	1	1		1		0		0		0	
Congenital Malformations, Deformations & Chromosomal Abnormalities	214		117	2	17	6	25		31		14		10	
Atherosclerosis	131		0		0		1		4		55		71	
Anemias	129		1		1		6		23		60		38	
HIV Disease	216		0		1		51	8	149		15		0	
Disorders of Biliary Tract & Pancreas	115		0		1		7		31		50		26	
Multiple Sclerosis	65		0		1		4		31		28		1	
Cholelithiasis & Other Disorders of Gallbladder	62		0		0		0		3		37		22	
Phlebitis, Thrombophlebitis, Venous Embolism & Thrombosis	61		0		1		9		18		22		11	
Nutritional Deficiencies	50		0		0		1		6		25		18	
Pneumoconiosis	115		0		0		0		2		59		54	
Peptic Ulcer	62		0		0		1		10		29		22	
Hernia	35		0		0		1		8		15		11	
Epilepsy	27		2		1		4		11		8		1	
All Other Causes	8,414		129		82		341		1,569		3,720		2,571	

*Includes any unknown ages.

Note: Rankings are not shown for causes with less than 5 deaths.

Table C-11C

Selected Causes of Death by Age Group - Females

Number and Rank: Pennsylvania Residents, 2008

Cause of Death	All Ages*		Under 5 Years		5 - 24 Years		25 - 44 Years		45 - 64 Years		65 - 84 Years		85 Years & Over	
	Number	Rank	Number	Rank	Number	Rank	Number	Rank	Number	Rank	Number	Rank	Number	Rank
All Causes	65,690		539		412		1,585		8,128		26,947		28,074	
Diseases of Heart	17,296	1	2		15	5	185	3	1,350	2	6,344	2	9,399	1
Malignant Neoplasms	13,926	2	10	5	38	2	367	2	3,162	1	7,441	1	2,908	2
Chronic Lower Respiratory Dis.	3,509	4	1		7	8	12		335	4	1,949	3	1,205	5
Cerebrovascular Disease	4,087	3	3		6	9	53	5	313	5	1,627	4	2,085	3
Accidents	2,077	6	30	3	186	1	374	1	402	3	512	9	573	8
Nontransport Accidents	1,647		28		79		272		314		415		539	
Motor Vehicle Accidents	417		2		104		99		84		95		33	
Other Transport Accidents	13		0		3		3		4		2		1	
Alzheimer's Disease	2,743	5	0		0		0		12		788	6	1,943	4
Diabetes Mellitus	1,713	7	0		2		28	7	270	6	868	5	545	9
Nephritis, Nephrotic Syndrome and Nephrosis	1,571	8	3		5		15		149	9	715	7	684	7
Influenza & Pneumonia	1,478	9	8	6	6	9	17		111		497	10	839	6
Septicemia	1,314	10	16	4	8	7	27	9	188	7	603	8	472	10
Intentional Self-harm (Suicide)	273		0		30	3	90	4	112	10	35		6	
Parkinson's Disease	505		0		0		0		7		248		250	
Chronic Liver Dis. and Cirrhosis	404		0		0		25	10	171	8	181		27	
Essential Hypertension and Hypertensive Renal Disease	623		0		1		5		45		241		331	
In Situ, Benign, and Uncertain Neoplasms	413		0		2		11		45		195		160	
Assault (Homicide)	122		8	6	28	4	39	6	33		8		6	
Perinatal Conditions	254		254	1	0		0		0		0		0	
Congenital Malformations, Deformations & Chromosomal Abnormalities	175		100	2	12	6	18		26		10		9	
Atherosclerosis	208		0		0		0		5		59		144	
Anemias	195		1		2		7		11		61		113	
HIV Disease	88		0		0		28	7	56		4		0	
Disorders of Biliary Tract & Pancreas	98		0		1		3		19		31		44	
Multiple Sclerosis	136		0		0		7		65		60		4	
Cholelithiasis & Other Disorders of Gallbladder	87		0		0		3		7		33		44	
Phlebitis, Thrombophlebitis, Venous Embolism & Thrombosis	79		0		1		4		20		26		28	
Nutritional Deficiencies	82		0		0		0		8		33		41	
Pneumoconiosis	2		0		0		0		0		2		0	
Peptic Ulcer	54		0		1		0		6		20		27	
Hernia	42		0		0		0		2		18		22	
Epilepsy	22		0		3		2		7		9		1	
All Other Causes	12,114		103		58		265		1,191		4,329		6,164	

*Includes any unknown ages.

Note: Rankings are not shown for causes with less than 5 deaths.

Table C-11D

Selected Causes of Death by Age Group - White Race

Number and Rank: Pennsylvania Residents, 2008

Cause of Death	All Ages*		Under 5 Years		5 - 24 Years		25 - 44 Years		45 - 64 Years		65 - 84 Years		85 Years & Over	
	Number	Rank	Number	Rank	Number	Rank	Number	Rank	Number	Rank	Number	Rank	Number	Rank
All Causes	113,923		832		1,115		3,694		17,462		50,269		40,544	
Diseases of Heart	30,180	1	6	8	29	5	432	4	3,693	2	12,457	2	13,561	1
Malignant Neoplasms	25,990	2	18	4	72	3	552	2	6,044	1	14,406	1	4,897	2
Chronic Lower Respiratory Dis.	6,311	3	2		5	10	30		627	4	3,686	3	1,961	5
Cerebrovascular Disease	5,963	4	5	9	9	8	80	6	515	7	2,643	4	2,711	3
Accidents	5,096	5	50	3	645	1	1,222	1	1,218	3	1,062	8	899	8
Nontransport Accidents	3,637		42		274		802		857		825		837	
Motor Vehicle Accidents	1,402		8		356		409		339		230		60	
Other Transport Accidents	57		0		15		11		22		7		2	
Alzheimer's Disease	3,681	6	0		0		0		25		1,195	7	2,461	4
Diabetes Mellitus	2,916	7	0		4		67	8	549	6	1,507	5	789	9
Nephritis, Nephrotic Syndrome and Nephrosis	2,682	8	3		3		19		239	10	1,292	6	1,126	7
Influenza & Pneumonia	2,488	9	12	6	12	7	33		196		983	10	1,252	6
Septicemia	2,033	10	16	5	4		40	9	308	9	989	9	676	10
Intentional Self-harm (Suicide)	1,428		0		147	2	471	3	573	5	204		33	
Parkinson's Disease	1,143		0		0		0		22		637		484	
Chronic Liver Dis. and Cirrhosis	999		0		1		78	7	510	8	365		45	
Essential Hypertension and Hypertensive Renal Disease	888		0		0		6		87		363		432	
In Situ, Benign, and Uncertain Neoplasms	768		0		6	9	18		92		392		260	
Assault (Homicide)	236		12	6	41	4	90	5	66		20		7	
Perinatal Conditions	372		372	1	0		0		0		0		0	
Congenital Malformations, Deformations & Chromosomal Abnormalities	323		171	2	22	6	38	10	50		23		19	
Atherosclerosis	322		0		0		1		8		102		211	
Anemias	289		2		1		3		29		112		142	
HIV Disease	103		0		0		25		71		7		0	
Disorders of Biliary Tract & Pancreas	195		0		2		9		45		73		66	
Multiple Sclerosis	180		0		1		9		86		79		5	
Cholelithiasis & Other Disorders of Gallbladder	135		0		0		3		7		62		63	
Phlebitis, Thrombophlebitis, Venous Embolism & Thrombosis	113		0		1		4		30		41		37	
Nutritional Deficiencies	121		0		0		0		13		50		58	
Pneumoconiosis	115		0		0		0		2		61		52	
Peptic Ulcer	110		0		1		1		16		44		48	
Hernia	76		0		0		1		10		33		32	
Epilepsy	36		2		3		4		11		14		2	
All Other Causes	18,631		161		106		458		2,320		7,367		8,215	

*Includes any unknown ages.

Note: Rankings are not shown for causes with less than 5 deaths.

Table C-11E

Selected Causes of Death by Age Group - Black Race

Number and Rank: Pennsylvania Residents, 2008

Cause of Death	All Ages*		Under 5 Years		5 - 24 Years		25 - 44 Years		45 - 64 Years		65 - 84 Years		85 Years & Over	
	Number	Rank	Number	Rank	Number	Rank	Number	Rank	Number	Rank	Number	Rank	Number	Rank
All Causes	11,586		363		370		923		3,174		4,632		2,123	
Diseases of Heart	2,838	1	4		14	5	134	3	763	2	1,289	1	634	1
Malignant Neoplasms	2,501	2	3		17	4	84	4	848	1	1,241	2	308	2
Chronic Lower Respiratory Dis.	365	8	0		12	6	16	10	77	9	187	4	73	6
Cerebrovascular Disease	651	3	0		1		20	7	162	4	304	3	164	3
Accidents	522	4	21	3	58	2	138	2	200	3	80	8	24	
Nontransport Accidents	405		18		31		95		170		67		23	
Motor Vehicle Accidents	107		3		27		38		26		12		1	
Other Transport Accidents	10		0		0		5		4		1		0	
Alzheimer's Disease	159		0		0		0		2		58		99	4
Diabetes Mellitus	358	9	0		1		17	9	116	7	185	6	39	9
Nephritis, Nephrotic Syndrome and Nephrosis	413	6	3		3		20	7	121	6	177	7	89	5
Influenza & Pneumonia	192		7	6	2		5		48		73	9	57	8
Septicemia	368	7	10	4	6	8	16	10	82	8	187	4	67	7
Intentional Self-harm (Suicide)	81		0		18	3	38	6	18		7		0	
Parkinson's Disease	37		0		0		0		2		25		10	
Chronic Liver Dis. and Cirrhosis	87		0		0		6		58	10	20		3	
Essential Hypertension and Hypertensive Renal Disease	142		0		1		7		33		63	10	38	10
In Situ, Benign, and Uncertain Neoplasms	51		0		4		0		14		24		9	
Assault (Homicide)	442	5	8	5	189	1	203	1	36		6		0	
Perinatal Conditions	212	10	210	1	1		1		0		0		0	
Congenital Malformations, Deformations & Chromosomal Abnormalities	54		35	2	7	7	5		6		1		0	
Atherosclerosis	17		0		0		0		1		12		4	
Anemias	34		0		2		10		5		9		8	
HIV Disease	198		0		1		53	5	132	5	12		0	
Disorders of Biliary Tract & Pancreas	16		0		0		1		5		6		4	
Multiple Sclerosis	21		0		0		2		10		9		0	
Cholelithiasis & Other Disorders of Gallbladder	12		0		0		0		2		7		3	
Phlebitis, Thrombophlebitis, Venous Embolism & Thrombosis	26		0		1		9		8		6		2	
Nutritional Deficiencies	10		0		0		1		1		7		1	
Pneumoconiosis	2		0		0		0		0		0		2	
Peptic Ulcer	4		0		0		0		0		4		0	
Hernia	1		0		0		0		0		0		1	
Epilepsy	12		0		0		2		7		3		0	
All Other Causes	1,760		62		32		135		417		630		484	

*Includes any unknown ages.

Note: Rankings are not shown for causes with less than 5 deaths.

Table C-11F

Selected Causes of Death by Age Group - Hispanic Origin

Number and Rank: Pennsylvania Residents, 2008

Cause of Death	All Ages*		Under 5 Years		5 - 24 Years		25 - 44 Years		45 - 64 Years		65 - 84 Years		85 Years & Over	
	Number	Rank	Number	Rank	Number	Rank	Number	Rank	Number	Rank	Number	Rank	Number	Rank
All Causes	1,466		115		65		230		455		439		160	
Diseases of Heart	269	1	2		2		27	3	81	2	109	1	48	1
Malignant Neoplasms	262	2	3		3		23	4	118	1	92	2	22	2
Chronic Lower Respiratory Dis.	35	10	1		1		5	6	9	10	14	6	5	7
Cerebrovascular Disease	63	4	0		1		4		20	5	28	3	10	4
Accidents	155	3	2		25	1	72	1	44	3	11	8	1	
Nontransport Accidents	92		1		12		40		29		9		1	
Motor Vehicle Accidents	58		1		13		29		14		1		0	
Other Transport Accidents	5		0		0		3		1		1		0	
Alzheimer's Disease	23		0		0		0		2		9		12	3
Diabetes Mellitus	54	6	0		0		1		23	4	20	4	10	4
Nephritis, Nephrotic Syndrome and Nephrosis	33		1		0		1		10	9	16	5	5	7
Influenza & Pneumonia	21		2		0		2		3		10	9	4	
Septicemia	38	9	5	3	1		4		8		12	7	8	6
Intentional Self-harm (Suicide)	41	8	0		7	3	23	4	9	10	2		0	
Parkinson's Disease	8		0		0		0		0		6		2	
Chronic Liver Dis. and Cirrhosis	26		0		0		1		15	6	10	9	0	
Essential Hypertension and Hypertensive Renal Disease	14		0		0		2		3		6		3	
In Situ, Benign, and Uncertain Neoplasms	6		0		0		0		5		0		1	
Assault (Homicide)	54	6	2		11	2	28	2	12	7	1		0	
Perinatal Conditions	55	5	55	1	0		0		0		0		0	
Congenital Malformations, Deformations & Chromosomal Abnormalities	22		20	2	1		0		1		0		0	
Atherosclerosis	0		0		0		0		0		0		0	
Anemias	6		0		1		1		3		1		0	
HIV Disease	16		0		0		5	6	11	8	0		0	
Disorders of Biliary Tract & Pancreas	2		0		0		0		0		2		0	
Multiple Sclerosis	0		0		0		0		0		0		0	
Cholelithiasis & Other Disorders of Gallbladder	0		0		0		0		0		0		0	
Phlebitis, Thrombophlebitis, Venous Embolism & Thrombosis	0		0		0		0		0		0		0	
Nutritional Deficiencies	0		0		0		0		0		0		0	
Pneumoconiosis	0		0		0		0		0		0		0	
Peptic Ulcer	2		0		0		0		1		1		0	
Hernia	0		0		0		0		0		0		0	
Epilepsy	1		0		0		0		1		0		0	
All Other Causes	260		22		12		31		76		89		29	

*Includes any unknown ages.

Notes: Hispanic origin can be of any race.
Rankings are not shown for causes with less than 5 deaths.

Table C-12A
Resident Death Rates* for Selected Causes of Death
by Age Group, Pennsylvania, 2008

Cause of Death	All Ages	Under 5 Years	5 - 24 Years	25 - 44 Years	45 - 64 Years	65 - 84 Years	85 Years & Over
All Causes	1,014.9	170.0	44.9	148.2	635.8	3,396.5	15,068.6
Diseases of Heart	266.5	1.6	1.4	18.1	137.1	849.8	5,010.5
Malignant Neoplasms	230.5	3.0	2.8	20.7	212.4	968.2	1,838.5
Chronic Lower Respiratory Dis.	53.8	ND	0.5	1.5	21.5	238.8	717.3
Cerebrovascular Disease	53.6	ND	0.3	3.3	21.1	183.3	1,015.6
Accidents	45.5	10.0	21.1	43.6	43.6	70.9	325.7
Nontransport Accidents	32.7	8.4	9.2	28.6	31.5	55.3	303.2
Motor Vehicle Accidents	12.3	1.6	11.5	14.4	11.2	15.2	21.8
Other Transport Accidents	0.6	ND	0.4	0.6	0.8	ND	ND
Alzheimer's Disease	30.9	ND	ND	ND	0.8	77.1	902.5
Diabetes Mellitus	26.4	ND	ND	2.7	20.4	104.6	292.6
Nephritis, Nephrotic Syndrome and Nephrosis	25.0	ND	ND	1.2	11.2	90.9	429.3
Influenza & Pneumonia	21.7	2.6	0.4	1.2	7.5	65.5	463.8
Septicemia	19.4	3.7	0.3	1.8	12.0	72.8	262.0
Intentional Self-harm (Suicide)	12.2	ND	5.0	16.3	18.2	13.0	12.0
Parkinson's Disease	9.5	ND	ND	ND	0.7	41.1	174.3
Chronic Liver Dis. and Cirrhosis	8.8	ND	ND	2.7	17.5	23.8	16.9
Essential Hypertension and Hypertensive Renal Disease	8.3	ND	ND	0.4	3.8	26.3	166.2
In Situ, Benign, and Uncertain Neoplasms	6.6	ND	0.3	0.6	3.3	25.8	94.7
Assault (Homicide)	5.6	3.0	7.0	9.4	3.2	1.6	ND
Perinatal Conditions	4.9	82.6	ND	ND	ND	ND	ND
Congenital Malformations, Deformations & Chromosomal Abnormalities	3.1	29.4	0.9	1.4	1.7	1.5	6.7
Atherosclerosis	2.7	ND	ND	ND	ND	7.0	75.7
Anemias	2.6	ND	ND	0.4	1.0	7.4	53.2
HIV Disease	2.4	ND	ND	2.5	6.3	1.2	ND
Disorders of Biliary Tract & Pancreas	1.7	ND	ND	0.3	1.5	5.0	24.6
Multiple Sclerosis	1.6	ND	ND	0.3	2.9	5.4	ND
Cholelithiasis & Other Disorders of Gallbladder	1.2	ND	ND	ND	0.3	4.3	23.2
Phlebitis, Thrombophlebitis, Venous Embolism & Thrombosis	1.1	ND	ND	0.4	1.2	3.0	13.7
Nutritional Deficiencies	1.1	ND	ND	ND	0.4	3.6	20.8
Pneumoconiosis	0.9	ND	ND	ND	ND	3.8	19.0
Peptic Ulcer	0.9	ND	ND	ND	0.5	3.0	17.3
Hernia	0.6	ND	ND	ND	0.3	2.0	11.6
Epilepsy	0.4	ND	ND	ND	0.5	1.0	ND
All Other Causes	164.9	31.5	4.2	19.2	84.2	494.8	3,075.9

* Rate per 100,000 population for each specified age group, 2008.
Note: Rates based on less than 10 events are considered statistically unreliable and are not displayed (ND).

Table C-12B
Resident Death Rates* for Selected Causes of Death
by Age Group - Males, Pennsylvania, 2008

Cause of Death	All Ages	Under 5 Years	5 - 24 Years	25 - 44 Years	45 - 64 Years	65 - 84 Years	85 Years & Over
All Causes	1,002.3	189.0	64.3	195.4	796.8	4,072.8	16,756.8
Diseases of Heart	262.5	2.7	1.8	24.4	197.2	1,076.3	5,499.1
Malignant Neoplasms	244.2	3.2	3.2	18.0	238.3	1,195.5	2,633.4
Chronic Lower Respiratory Dis.	52.7	ND	0.6	2.2	23.3	278.6	947.3
Cerebrovascular Disease	42.8	ND	ND	3.1	23.8	195.0	909.7
Accidents	59.4	11.7	30.7	63.2	64.3	92.4	400.8
Nontransport Accidents	40.0	9.0	13.4	39.9	45.1	69.7	366.6
Motor Vehicle Accidents	18.4	2.7	16.6	22.4	17.8	21.9	33.0
Other Transport Accidents	0.9	ND	0.7	0.9	1.4	ND	ND
Alzheimer's Disease	18.2	ND	ND	ND	0.9	67.1	705.9
Diabetes Mellitus	26.1	ND	ND	3.5	25.1	120.0	325.6
Nephritis, Nephrotic Syndrome and Nephrosis	25.5	ND	ND	1.5	13.6	109.9	609.1
Influenza & Pneumonia	20.2	2.9	ND	1.3	8.5	81.9	544.2
Septicemia	18.2	2.9	ND	2.0	12.9	83.6	309.7
Intentional Self-harm (Suicide)	20.6	ND	8.1	26.7	30.3	25.3	31.9
Parkinson's Disease	11.3	ND	ND	ND	1.1	60.4	278.9
Chronic Liver Dis. and Cirrhosis	11.4	ND	ND	3.7	25.3	29.6	23.9
Essential Hypertension and Hypertensive Renal Disease	6.8	ND	ND	ND	4.9	26.9	160.5
In Situ, Benign, and Uncertain Neoplasms	6.8	ND	ND	ND	3.9	32.2	124.1
Assault (Homicide)	9.4	3.7	12.2	16.2	4.5	2.6	ND
Perinatal Conditions	5.9	93.8	ND	ND	ND	ND	ND
Congenital Malformations, Deformations & Chromosomal Abnormalities	3.5	31.0	1.0	1.6	1.9	2.0	11.4
Atherosclerosis	2.2	ND	ND	ND	ND	7.9	80.8
Anemias	2.1	ND	ND	ND	1.4	8.6	43.3
HIV Disease	3.6	ND	ND	3.2	9.3	2.2	ND
Disorders of Biliary Tract & Pancreas	1.9	ND	ND	ND	1.9	7.2	29.6
Multiple Sclerosis	1.1	ND	ND	ND	1.9	4.0	ND
Cholelithiasis & Other Disorders of Gallbladder	1.0	ND	ND	ND	ND	5.3	25.0
Phlebitis, Thrombophlebitis, Venous Embolism & Thrombosis	1.0	ND	ND	ND	1.1	3.2	12.5
Nutritional Deficiencies	0.8	ND	ND	ND	ND	3.6	20.5
Pneumoconiosis	1.9	ND	ND	ND	ND	8.5	61.5
Peptic Ulcer	1.0	ND	ND	ND	0.6	4.2	25.0
Hernia	0.6	ND	ND	ND	ND	2.2	12.5
Epilepsy	0.4	ND	ND	ND	0.7	ND	ND
All Other Causes	139.1	34.2	4.8	21.5	98.4	535.4	2,927.1

* Rate per 100,000 male population for each specified age group, 2008.

Note: Rates based on less than 10 events are considered statistically unreliable and are not displayed (ND).

Table C-12C
Resident Death Rates* for Selected Causes of Death
by Age Group - Females, Pennsylvania, 2008

Cause of Death	All Ages	Under 5 Years	5 - 24 Years	25 - 44 Years	45 - 64 Years	65 - 84 Years	85 Years & Over
All Causes	1,026.8	149.7	24.9	100.7	483.2	2,892.1	14,312.7
Diseases of Heart	270.3	ND	0.9	11.8	80.2	680.9	4,791.8
Malignant Neoplasms	217.7	2.8	2.3	23.3	188.0	798.6	1,482.6
Chronic Lower Respiratory Dis.	54.8	ND	ND	0.8	19.9	209.2	614.3
Cerebrovascular Disease	63.9	ND	ND	3.4	18.6	174.6	1,063.0
Accidents	32.5	8.3	11.2	23.8	23.9	55.0	292.1
Nontransport Accidents	25.7	7.8	4.8	17.3	18.7	44.5	274.8
Motor Vehicle Accidents	6.5	ND	6.3	6.3	5.0	10.2	16.8
Other Transport Accidents	0.2	ND	ND	ND	ND	ND	ND
Alzheimer's Disease	42.9	ND	ND	ND	0.7	84.6	990.6
Diabetes Mellitus	26.8	ND	ND	1.8	16.0	93.2	277.9
Nephritis, Nephrotic Syndrome and Nephrosis	24.6	ND	ND	1.0	8.9	76.7	348.7
Influenza & Pneumonia	23.1	ND	ND	1.1	6.6	53.3	427.7
Septicemia	20.5	4.4	ND	1.7	11.2	64.7	240.6
Intentional Self-harm (Suicide)	4.3	ND	1.8	5.7	6.7	3.8	ND
Parkinson's Disease	7.9	ND	ND	ND	ND	26.6	127.5
Chronic Liver Dis. and Cirrhosis	6.3	ND	ND	1.6	10.2	19.4	13.8
Essential Hypertension and Hypertensive Renal Disease	9.7	ND	ND	ND	2.7	25.9	168.8
In Situ, Benign, and Uncertain Neoplasms	6.5	ND	ND	0.7	2.7	20.9	81.6
Assault (Homicide)	1.9	ND	1.7	2.5	2.0	ND	ND
Perinatal Conditions	4.0	70.6	ND	ND	ND	ND	ND
Congenital Malformations, Deformations & Chromosomal Abnormalities	2.7	27.8	0.7	1.1	1.5	1.1	ND
Atherosclerosis	3.3	ND	ND	ND	ND	6.3	73.4
Anemias	3.0	ND	ND	ND	0.7	6.5	57.6
HIV Disease	1.4	ND	ND	1.8	3.3	ND	ND
Disorders of Biliary Tract & Pancreas	1.5	ND	ND	ND	1.1	3.3	22.4
Multiple Sclerosis	2.1	ND	ND	ND	3.9	6.4	ND
Cholelithiasis & Other Disorders of Gallbladder	1.4	ND	ND	ND	ND	3.5	22.4
Phlebitis, Thrombophlebitis, Venous Embolism & Thrombosis	1.2	ND	ND	ND	1.2	2.8	14.3
Nutritional Deficiencies	1.3	ND	ND	ND	ND	3.5	20.9
Pneumoconiosis	ND	ND	ND	ND	ND	ND	ND
Peptic Ulcer	0.8	ND	ND	ND	ND	2.1	13.8
Hernia	0.7	ND	ND	ND	ND	1.9	11.2
Epilepsy	0.3	ND	ND	ND	ND	ND	ND
All Other Causes	189.3	28.6	3.5	16.8	70.8	464.6	3,142.5

* Rate per 100,000 female population for each specified age group, 2008.

Note: Rates based on less than 10 events are considered statistically unreliable and are not displayed (ND).

Table C-12D
Resident Death Rates* for Selected Causes of Death
by Age Group - White Race, Pennsylvania, 2008

Cause of Death	All Ages	Under 5 Years	5 - 24 Years	25 - 44 Years	45 - 64 Years	65 - 84 Years	85 Years & Over
All Causes	1,068.1	139.7	40.5	139.2	600.4	3,371.4	15,486.8
Diseases of Heart	283.0	ND	1.1	16.3	127.0	835.5	5,180.0
Malignant Neoplasms	243.7	3.0	2.6	20.8	207.8	966.2	1,870.5
Chronic Lower Respiratory Dis.	59.2	ND	ND	1.1	21.6	247.2	749.1
Cerebrovascular Disease	55.9	ND	ND	3.0	17.7	177.3	1,035.5
Accidents	47.8	8.4	23.4	46.0	41.9	71.2	343.4
Nontransport Accidents	34.1	7.1	9.9	30.2	29.5	55.3	319.7
Motor Vehicle Accidents	13.1	ND	12.9	15.4	11.7	15.4	22.9
Other Transport Accidents	0.5	ND	0.5	0.4	0.8	ND	ND
Alzheimer's Disease	34.5	ND	ND	ND	0.9	80.1	940.0
Diabetes Mellitus	27.3	ND	ND	2.5	18.9	101.1	301.4
Nephritis, Nephrotic Syndrome and Nephrosis	25.1	ND	ND	0.7	8.2	86.7	430.1
Influenza & Pneumonia	23.3	2.0	0.4	1.2	6.7	65.9	478.2
Septicemia	19.1	2.7	ND	1.5	10.6	66.3	258.2
Intentional Self-harm (Suicide)	13.4	ND	5.3	17.7	19.7	13.7	12.6
Parkinson's Disease	10.7	ND	ND	ND	0.8	42.7	184.9
Chronic Liver Dis. and Cirrhosis	9.4	ND	ND	2.9	17.5	24.5	17.2
Essential Hypertension and Hypertensive Renal Disease	8.3	ND	ND	ND	3.0	24.3	165.0
In Situ, Benign, and Uncertain Neoplasms	7.2	ND	ND	0.7	3.2	26.3	99.3
Assault (Homicide)	2.2	2.0	1.5	3.4	2.3	1.3	ND
Perinatal Conditions	3.5	62.5	ND	ND	ND	ND	ND
Congenital Malformations, Deformations & Chromosomal Abnormalities	3.0	28.7	0.8	1.4	1.7	1.5	7.3
Atherosclerosis	3.0	ND	ND	ND	ND	6.8	80.6
Anemias	2.7	ND	ND	ND	1.0	7.5	54.2
HIV Disease	1.0	ND	ND	0.9	2.4	ND	ND
Disorders of Biliary Tract & Pancreas	1.8	ND	ND	ND	1.5	4.9	25.2
Multiple Sclerosis	1.7	ND	ND	ND	3.0	5.3	ND
Cholelithiasis & Other Disorders of Gallbladder	1.3	ND	ND	ND	ND	4.2	24.1
Phlebitis, Thrombophlebitis, Venous Embolism & Thrombosis	1.1	ND	ND	ND	1.0	2.7	14.1
Nutritional Deficiencies	1.1	ND	ND	ND	0.4	3.4	22.2
Pneumoconiosis	1.1	ND	ND	ND	ND	4.1	19.9
Peptic Ulcer	1.0	ND	ND	ND	0.6	3.0	18.3
Hernia	0.7	ND	ND	ND	0.3	2.2	12.2
Epilepsy	0.3	ND	ND	ND	0.4	0.9	ND
All Other Causes	174.7	27.0	3.8	17.3	79.8	494.1	3,137.9

* Rate per 100,000 population for each specified age group, 2008.
Note: Rates based on less than 10 events are considered statistically unreliable and are not displayed (ND).

Table C-12E
Resident Death Rates* for Selected Causes of Death
by Age Group - Black Race, Pennsylvania, 2008

Cause of Death	All Ages	Under 5 Years	5 - 24 Years	25 - 44 Years	45 - 64 Years	65 - 84 Years	85 Years & Over
All Causes	866.7	355.1	81.8	248.9	1,118.6	4,247.2	11,423.8
Diseases of Heart	212.3	ND	3.1	36.1	268.9	1,181.9	3,411.5
Malignant Neoplasms	187.1	ND	3.8	22.7	298.9	1,137.9	1,657.3
Chronic Lower Respiratory Dis.	27.3	ND	2.7	4.3	27.1	171.5	392.8
Cerebrovascular Disease	48.7	ND	ND	5.4	57.1	278.7	882.5
Accidents	39.0	20.5	12.8	37.2	70.5	73.4	129.1
Nontransport Accidents	30.3	17.6	6.9	25.6	59.9	61.4	123.8
Motor Vehicle Accidents	8.0	ND	6.0	10.2	9.2	11.0	ND
Other Transport Accidents	0.7	ND	ND	ND	ND	ND	ND
Alzheimer's Disease	11.9	ND	ND	ND	ND	53.2	532.7
Diabetes Mellitus	26.8	ND	ND	4.6	40.9	169.6	209.9
Nephritis, Nephrotic Syndrome and Nephrosis	30.9	ND	ND	5.4	42.6	162.3	478.9
Influenza & Pneumonia	14.4	ND	ND	ND	16.9	66.9	306.7
Septicemia	27.5	9.8	ND	4.3	28.9	171.5	360.5
Intentional Self-harm (Suicide)	6.1	ND	4.0	10.2	6.3	ND	ND
Parkinson's Disease	2.8	ND	ND	ND	ND	22.9	53.8
Chronic Liver Dis. and Cirrhosis	6.5	ND	ND	ND	20.4	18.3	ND
Essential Hypertension and Hypertensive Renal Disease	10.6	ND	ND	ND	11.6	57.8	204.5
In Situ, Benign, and Uncertain Neoplasms	3.8	ND	ND	ND	4.9	22.0	ND
Assault (Homicide)	33.1	ND	41.8	54.7	12.7	ND	ND
Perinatal Conditions	15.9	205.4	ND	ND	ND	ND	ND
Congenital Malformations, Deformations & Chromosomal Abnormalities	4.0	34.2	ND	ND	ND	ND	ND
Atherosclerosis	1.3	ND	ND	ND	ND	11.0	ND
Anemias	2.5	ND	ND	2.7	ND	ND	ND
HIV Disease	14.8	ND	ND	14.3	46.5	11.0	ND
Disorders of Biliary Tract & Pancreas	1.2	ND	ND	ND	ND	ND	ND
Multiple Sclerosis	1.6	ND	ND	ND	3.5	ND	ND
Cholelithiasis & Other Disorders of Gallbladder	0.9	ND	ND	ND	ND	ND	ND
Phlebitis, Thrombophlebitis, Venous Embolism & Thrombosis	1.9	ND	ND	ND	ND	ND	ND
Nutritional Deficiencies	0.7	ND	ND	ND	ND	ND	ND
Pneumoconiosis	ND	ND	ND	ND	ND	ND	ND
Peptic Ulcer	ND	ND	ND	ND	ND	ND	ND
Hernia	ND	ND	ND	ND	ND	ND	ND
Epilepsy	0.9	ND	ND	ND	ND	ND	ND
All Other Causes	131.7	60.6	7.1	36.4	147.0	577.7	2,604.4

* Rate per 100,000 population for each specified age group, 2008.
Note: Rates based on less than 10 events are considered statistically unreliable and are not displayed (ND).

Table C-12F

Resident Death Rates* for Selected Causes of Death
by Age Group - Hispanic Origin, Pennsylvania, 2008

Cause of Death	All Ages	Under 5 Years	5 - 24 Years	25 - 44 Years	45 - 64 Years	65 - 84 Years	85 Years & Over
All Causes	246.8	169.2	28.5	128.9	493.2	1,839.4	4,797.6
Diseases of Heart	45.3	ND	ND	15.1	87.8	456.7	1,439.3
Malignant Neoplasms	44.1	ND	ND	12.9	127.9	385.5	659.7
Chronic Lower Respiratory Dis.	5.9	ND	ND	ND	ND	58.7	ND
Cerebrovascular Disease	10.6	ND	ND	ND	21.7	117.3	299.9
Accidents	26.1	ND	11.0	40.3	47.7	46.1	ND
Nontransport Accidents	15.5	ND	5.3	22.4	31.4	ND	ND
Motor Vehicle Accidents	9.8	ND	5.7	16.3	15.2	ND	ND
Other Transport Accidents	ND	ND	ND	ND	ND	ND	ND
Alzheimer's Disease	3.9	ND	ND	ND	ND	ND	359.8
Diabetes Mellitus	9.1	ND	ND	ND	24.9	83.8	299.9
Nephritis, Nephrotic Syndrome and Nephrosis	5.6	ND	ND	ND	10.8	67.0	ND
Influenza & Pneumonia	3.5	ND	ND	ND	ND	41.9	ND
Septicemia	6.4	ND	ND	ND	ND	50.3	ND
Intentional Self-harm (Suicide)	6.9	ND	ND	12.9	ND	ND	ND
Parkinson's Disease	ND	ND	ND	ND	ND	ND	ND
Chronic Liver Dis. and Cirrhosis	4.4	ND	ND	ND	16.3	41.9	ND
Essential Hypertension and Hypertensive Renal Disease	2.4	ND	ND	ND	ND	ND	ND
In Situ, Benign, and Uncertain Neoplasms	ND	ND	ND	ND	ND	ND	ND
Assault (Homicide)	9.1	ND	4.8	15.7	13.0	ND	ND
Perinatal Conditions	9.3	80.9	ND	ND	ND	ND	ND
Congenital Malformations, Deformations & Chromosomal Abnormalities	3.7	29.4	ND	ND	ND	ND	ND
Atherosclerosis	ND	ND	ND	ND	ND	ND	ND
Anemias	ND	ND	ND	ND	ND	ND	ND
HIV Disease	2.7	ND	ND	ND	11.9	ND	ND
Disorders of Biliary Tract & Pancreas	ND	ND	ND	ND	ND	ND	ND
Multiple Sclerosis	ND	ND	ND	ND	ND	ND	ND
Cholelithiasis & Other Disorders of Gallbladder	ND	ND	ND	ND	ND	ND	ND
Phlebitis, Thrombophlebitis, Venous Embolism & Thrombosis	ND	ND	ND	ND	ND	ND	ND
Nutritional Deficiencies	ND	ND	ND	ND	ND	ND	ND
Pneumoconiosis	ND	ND	ND	ND	ND	ND	ND
Peptic Ulcer	ND	ND	ND	ND	ND	ND	ND
Hernia	ND	ND	ND	ND	ND	ND	ND
Epilepsy	ND	ND	ND	ND	ND	ND	ND
All Other Causes	43.8	32.4	5.3	17.4	82.4	372.9	869.6

* Rate per 100,000 population for each specified age group, 2008.

Note: Rates based on less than 10 events are considered statistically unreliable and are not displayed (ND).

Table C-13

Number of Deaths, Age-Adjusted Death Rates and 95% Confidence Intervals for Selected Causes of Death
Pennsylvania Residents, 2008 and Average Annual, 2004-2008
and Age-Adjusted Death Rates, United States, 2007

	Pennsylvania						United States
	2008			2004-2008			2007
Cause of Death	Number	Rate	CI (95%)	Number	Rate	CI (95%)	Rate
All Causes	126,332	814.9	810.4-819.4	629,808	836.8	834.7-838.9	760.2
Diseases of Heart	33,179	207.3	205.1-209.5	171,069	221.9	220.9-223.0	190.9
Malignant Neoplasms	28,699	187.9	185.7-190.1	144,983	193.1	192.1-194.1	178.4
Cerebrovascular Disease	6,676	41.8	40.8-42.8	36,176	46.8	46.3-47.3	42.2
Chronic Lower Respiratory Dis.	6,695	42.8	41.8-43.8	30,364	39.7	39.3-40.2	40.8
Accidents	5,669	42.0	40.9-43.1	26,675	40.2	39.7-40.7	40.0
Nontransport Accidents	4,069	29.6	28.7-30.5	18,444	27.3	26.9-27.7	24.6
Motor Vehicle Accidents	1,530	11.9	11.3-12.5	7,865	12.3	12.0-12.6	14.4
Other Transport Accidents	70	0.5	0.4-0.6	366	0.6	0.5-0.7	0.9
Alzheimer's Disease	3,844	22.8	22.1-23.5	17,292	21.7	21.4-22.0	22.7
Diabetes Mellitus	3,292	21.3	20.6-22.0	17,249	22.8	22.5-23.1	22.5
Nephritis, Nephrotic Syndrome and Nephrosis	3,116	19.6	18.9-20.3	15,243	19.8	19.5-20.1	14.5
Influenza & Pneumonia	2,701	16.7	16.1-17.3	13,870	17.9	17.6-18.2	16.2
Septicemia	2,417	15.6	15.0-16.2	12,329	16.3	16.0-16.6	11.0
Intentional Self-harm (Suicide)	1,522	11.9	11.3-12.5	7,111	11.1	10.8-11.4	11.3
Parkinson's Disease	1,187	7.4	7.0-7.8	5,593	7.2	7.0-7.4	6.4
Chronic Liver Dis. and Cirrhosis	1,094	7.6	7.2-8.1	5,315	7.4	7.2-7.6	9.1
Essential Hypertension/H.R.D.*	1,037	6.4	6.0-6.8	5,001	6.5	6.3-6.7	7.4
Assault (Homicide)	692	5.7	5.3-6.1	3,608	6.0	5.8-6.2	6.1

* Hypertensive Renal Disease

Notes: NA= Not Available. Age-adjusted rates are computed by the direct method using the 2000 U.S. standard million population.
Rates are per 100,000. Unknowns excluded from calculations.
CI = 95% confidence interval based on a formula for estimating the standard error or SE. See Technical Notes.

Table C-14
Resident Deaths by Cause, Number and Rate: Pennsylvania, 2008

Cause of Death *(Based on the Tenth Revision, International Classification of Diseases)*	Number of Deaths	Rate*
All Causes	126,332	1,014.9
Certain Infectious and Parasitic Diseases *(A00-B99)*	3,758	30.2
Intestinal Infectious Diseases *(A00-A09)*	512	4.1
Tuberculosis *(A16-A19)*	19	0.2
Respiratory Tuberculosis *(A16)*	14	0.1
Other Tuberculosis *(A17-A19)*	5	ND
Zoonotic and Other Bacterial Diseases *(A20-A49)*	2,517	20.2
Septicemia *(A40-A41)*	2,417	19.4
Other Zoonotic and Bacterial Diseases *(A20-A39,A42-A49)*	100	0.8
Infections With a Predominately Sexual Mode of Transmission *(A50-A64)*	1	ND
Syphilis *(A50-A53)*	1	ND
Gonococcal Infection *(A54)*	0	ND
Other Infections With a Predominately Sexual Mode of Transmission *(A55-A64)*	0	ND
Other Infections Caused by Spirochetes, Chlamydia or Rickettsia *(A65-A79)*	3	ND
Lyme Disease *(A69.2)*	3	ND
All Other Infections *(A65-A68,A69.0-A69.1,A69.8-A69.9,A70-A79)*	0	ND
Viral Diseases *(A80-B34)*	594	4.8
Viral Hepatitis *(B15-B19)*	213	1.7
Human Immunodeficiency Virus (HIV) Disease *(B20-B24)*	304	2.4
All Other and Unspecified Viral Diseases *(A80-A99,B00-B09,B25-B34)*	77	0.6
Other and Unspecified Infectious and Parasitic Diseases and Their Sequelae *(B35-B99)*	112	0.9
Mycoses *(B35-B49)*	42	0.3
Protozoal Diseases *(B50-B64)*	2	ND
Helminthiases *(B65-B83)*	0	ND
Sequelae of Tuberculosis *(B90)*	2	ND
Sequelae of Poliomyelitis *(B91)*	15	0.1
All Other and Unspecified Infectious and Parasitic Diseases and Their Sequelae *(B85-B89,B92-B99)*	51	0.4
Neoplasms *(C00-D48)*	29,522	237.2
Malignant Neoplasms *(C00-C97)*	28,699	230.5
Malignant Neoplasms of Lip, Oral Cavity and Pharynx *(C00-C14)*	372	3.0
Of Lip *(C00)*	3	ND
Of Tongue *(C01-C02)*	92	0.7
Of Pharynx *(C10-C13,C14.0)*	129	1.0
Of Other and Unspecified Sites Within the Lip, Oral Cavity and Pharynx *(C03-C09,C14.2-C14.8)*	148	1.2
Malignant Neoplasms of Digestive Organs *(C15-C26)*	6,876	55.2
Of Esophagus *(C15)*	735	5.9
Of Stomach *(C16)*	517	4.2
Of Small Intestine *(C17)*	70	0.6
Of Colon, Rectum and Anus *(C18-C21)*	2,783	22.4
Colon *(C18)*	2,308	18.5
Rectosigmoid Junction and Rectum *(C19-C20)*	449	3.6
Anus and Anal Canal *(C21)*	26	0.2
Of Liver and Intrahepatic Bile Ducts *(C22)*	805	6.5
Liver *(C22.0,C22.2-C22.9)*	577	4.6
Intrahepatic Bile Duct Carcinoma *(C22.1)*	228	1.8
Of Gallbladder and Extrahepatic Bile Ducts *(C23-C24)*	131	1.1
Of Pancreas *(C25)*	1,768	14.2
Of Other and Ill-Defined Digestive Organs *(C26)*	67	0.5

* Rate per 100,000 population.

Note: Rates based on less than 10 events are considered statistically unreliable and are not displayed (ND). See Technical Notes.

Table C-14

Resident Deaths by Cause, Number and Rate: Pennsylvania, 2008 (Cont.)

Cause of Death (Based on the Tenth Revision, *International Classification of Diseases)*	Number of Deaths	Rate*
Malignant Neoplasms of Respiratory and Intrathoracic Organs (C30-C39)	8,120	65.2
Of Nasal Cavity, Middle Ear and Accessory Sinuses (C30-C31)	22	0.2
Of Larynx (C32)	204	1.6
Of Trachea, Bronchus and Lung (C33-C34)	7,873	63.2
Of Thymus, Heart, Mediastinum and Pleura (C37-C38)	18	0.1
Of Other and Ill-Defined Sites in Respiratory System and Intrathoracic Organs (C39)	3	ND
Malignant Neoplasms of Bone and Articular Cartilage (C40-C41)	54	0.4
Melanoma and Other Malignant Neoplasms of Skin (C43-C44)	534	4.3
Malignant Melanoma of Skin (C43)	441	3.5
Other Malignant Neoplasms of Skin (C44)	93	0.7
Malignant Neoplasms of Mesothelial and Soft Tissue (C45-C49)	431	3.5
Mesothelioma (C45)	172	1.4
Kaposi's Sarcoma (C46)	2	ND
Of Other Mesothelial and Soft Tissue (C47-C49)	257	2.1
Malignant Neoplasm of Breast (C50)	2,107	16.9
Malignant Neoplasms of Female Genital Organs (C51-C58)	1,433	11.5
Of Vulva and Vagina (C51-C52)	94	0.8
Of Cervix Uteri (C53)	166	1.3
Of Corpus Uteri and Uterus, Part Unspecified (C54-C55)	387	3.1
Of Ovary (C56)	754	6.1
Of Other and Unspecified Female Genital Organs (C57)	31	0.2
Of Placenta (C58)	1	ND
Malignant Neoplasms of Male Genital Organs (C60-C63)	1,479	11.9
Of Prostate (C61)	1,451	11.7
Of Testis (C62)	19	0.2
Of Penis and Other and Unspecified Male Genital Organs (C60,C63)	9	ND
Malignant Neoplasms of Urinary Tract (C64-C68)	1,409	11.3
Of Kidney and Renal Pelvis (C64-C65)	603	4.8
Of Bladder (C67)	754	6.1
Of Other and Unspecified Sites Within the Urinary Tract (C66,C68)	52	0.4
Malignant Neoplasm of Eye and Adnexa (C69)	8	ND
Malignant Neoplasms of Meninges, Brain and Other Parts of Central Nervous System (C70-C72)	581	4.7
Of Brain (C71)	572	4.6
Of Other Parts of Central Nervous System (C70,C72)	9	ND
Malignant Neoplasms of Thyroid and Other Endocrine Glands (C73-C75)	103	0.8
Other Malignant Neoplasms of Other and Unspecified Sites (C76-C80,C97)	2,283	18.3
Malignant Neoplasms of Lymphoid, Hematopoietic and Related Tissue (C81-C96)	2,909	23.4
Hodgkin's Disease (C81)	52	0.4
Of Other Lymphoid, Hematopoietic and Related Tissue (C82-C85,C96)	1,105	8.9
Non-Hodgkin's Lymphoma (C82-C85)	1,104	8.9
Of Other and Unspecified Lymphoid, Hematopoietic and Related Tissue (C96)	1	ND
Malignant Immunoproliferative Diseases (C88)	9	ND
Multiple Myeloma and Malignant Plasma Cell Neoplasms (C90)	556	4.5
Leukemia (C91-C95)	1,187	9.5
Lymphoid Leukemia (C91)	330	2.7
Myeloid Leukemia (C92)	535	4.3
Monocytic Leukemia (C93)	5	ND
Other and Unspecified Leukemia (C94-C95)	317	2.5

* Rate per 100,000 population.

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Table C-14
Resident Deaths by Cause, Number and Rate: Pennsylvania, 2008 (Cont.)

Cause of Death *(Based on the Tenth Revision, International Classification of Diseases)*	Number of Deaths	Rate*
In Situ Neoplasms *(D00-D09)*	2	ND
Carcinoma In Situ of Breast and Genitourinary System *(D05-D07)*	0	ND
Carcinoma In Situ of Other and Unspecified Sites *(D00-D04,D09)*	2	ND
Benign Neoplasms *(D10-D36)*	70	0.6
Of Female Genital Organs *(D25-D28)*	1	ND
Of Eye, Brain and Other Parts of Central Nervous System *(D31-D33)*	47	0.4
Of Other and Unspecified Sites *(D10-D24,D29-D30,D34-D36)*	22	0.2
Neoplasms of Uncertain or Unknown Behavior of Specified Sites *(D37-D47)*	706	5.7
Neoplasm of Uncertain or Unknown Behavior of Unspecified Sites *(D48)*	45	0.4
Diseases of the Blood and Blood-Forming Organs and Certain Disorders Involving the Immune Mechanism *(D50-D89)*	582	4.7
Anemias *(D50-D64)*	324	2.6
Nutritional Anemias *(D50-D53)*	18	0.1
Hemolytic Anemias *(D55-D59)*	32	0.3
Aplastic Anemias *(D60-D61)*	55	0.4
Acute Posthemorrhagic and Other Anemias *(D62,D64)*	219	1.8
Coagulation Defects, Purpura and Other Hemorrhagic Conditions *(D65-D69)*	155	1.2
Other Diseases of Blood and Blood-Forming Organs *(D70-D76)*	51	0.4
Certain Disorders Involving the Immune Mechanism *(D80-D89)*	52	0.4
Endocrine, Nutritional and Metabolic Diseases *(E00-E88)*	4,714	37.9
Endocrine Diseases *(E00-E34)*	3,448	27.7
Disorders of Thyroid Gland *(E00-E07)*	106	0.9
Diabetes Mellitus *(E10-E14)*	3,292	26.4
Disorders of Pituitary Gland *(E22-E23)*	11	0.1
Disorders of Adrenal Glands *(E24-E27)*	10	0.1
Diseases of Thymus *(E32)*	1	ND
Other Endocrine Diseases *(E15-E21,E28-E31,E34)*	28	0.2
Nutritional Diseases *(E40-E68)*	329	2.6
Malnutrition *(E40-E46)*	121	1.0
Nutritional Marasmus *(E41)*	2	ND
Other and Unspecified Malnutrition *(E40,E42-E46)*	119	1.0
Other Nutritional Deficiencies *(E50-E64)*	11	0.1
Obesity and Other Hyperalimentation *(E65-E68)*	197	1.6
Metabolic Disorders *(E70-E88)*	937	7.5
Cystic Fibrosis *(E84)*	14	0.1
Volume Depletion, Disorders of Fluid, Electrolyte and Acid-Base Balance *(E86-E87)*	377	3.0
Other Metabolic Disorders *(E70-E83,E85,E88)*	546	4.4
Mental and Behavioral Disorders *(F01-F99)*	5,717	45.9
Organic Dementia *(F01,F03)*	5,283	42.4
Other and Unspecified Organic Mental Disorders *(F04-F09)*	126	1.0
Mental and Behavioral Disorders Due to Psychoactive Substance Use *(F10-F19)*	206	1.7
Mental and Behavioral Disorders Due to Use of Alcohol *(F10)*	154	1.2
Mental and Behavioral Disorders Due to Other Psychoactive Substance Use *(F11-F19)*	52	0.4
Schizophrenia, Schizotypal and Delusional Disorders *(F20-F29)*	25	0.2
Mood (Affective) Disorders *(F30-F39)*	25	0.2
Neurotic, Stress-Related and Somatoform Disorders *(F40-F48)*	9	ND
Mental Retardation *(F70-F79)*	21	0.2
Other and Unspecified Mental and Behavioral Disorders *(F50-F69,F80-F99)*	22	0.2

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Table C-14

Resident Deaths by Cause, Number and Rate: Pennsylvania, 2008 (Cont.)

Cause of Death *(Based on the Tenth Revision, International Classification of Diseases)*	Number of Deaths	Rate*
Diseases of the Nervous System *(G00-G98)*	6,655	53.5
Meningitis *(G00,G03)*	21	0.2
Other Inflammatory Diseases of Central Nervous System *(G04-G09)*	33	0.3
Parkinson's Disease *(G20-G21)*	1,187	9.5
Alzheimer's Disease *(G30)*	3,844	30.9
Multiple Sclerosis *(G35)*	201	1.6
Epilepsy *(G40-G41)*	49	0.4
Transient Cerebral Ischemic Attacks and Related Syndromes *(G45)*	7	ND
Infantile Cerebral Palsy *(G80)*	62	0.5
All Other Diseases of Nervous System *(G10-G12,G23-G25,G31,G36-G37, G43-G44,G47-G72,G81-G98)*	1,251	10.0
Diseases of the Eye and Adnexa *(H00-H57)*	1	ND
Diseases of the Ear and Mastoid Process *(H60-H93)*	3	ND
Diseases of the Circulatory System *(I00-I99)*	42,528	341.6
Major Cardiovascular Diseases *(I00-I78)*	42,335	340.1
Acute Rheumatic Fever and Chronic Rheumatic Heart Diseases *(I00-I09)*	177	1.4
Acute Rheumatic Fever *(I00-I02)*	1	ND
Chronic Rheumatic Heart Diseases *(I05-I09)*	176	1.4
Rheumatic Mitral Valve Diseases *(I05)*	74	0.6
Rheumatic Aortic Valve Diseases *(I06)*	4	ND
Disorders of Both Mitral and Aortic Valves *(I08.0)*	56	0.4
Other Chronic Rheumatic Heart Diseases *(I07,I08.1-I08.9,I09)*	42	0.3
Hypertensive Diseases *(I10-I13)*	2,093	16.8
Essential (Primary) Hypertension *(I10)*	722	5.8
Hypertensive Heart Disease *(I11)*	960	7.7
Hypertensive Renal Disease *(I12)*	315	2.5
Hypertensive Heart and Renal Disease *(I13)*	96	0.8
Ischemic Heart Diseases *(I20-I25)*	21,003	168.7
Acute Myocardial Infarction *(I21-I22)*	7,138	57.3
Other Acute Ischemic Heart Diseases *(I24)*	163	1.3
Other Forms of Chronic Ischemic Heart Disease *(I20,I25)*	13,702	110.1
Atherosclerotic Cardiovascular Disease, So Described *(I25.0)*	3,036	24.4
All Other Forms of Chronic Ischemic Heart Disease *(I20,I25.1-I25.9)*	10,666	85.7
Other Heart Diseases *(I26-I51)*	10,943	87.9
Pulmonary Heart Disease and Diseases of Pulmonary Circulation *(I26-I28)*	724	5.8
Pulmonary Embolism *(I26)*	389	3.1
Other Pulmonary Heart Disease and Diseases of Pulmonary Circulation *(I27-I28)*	335	2.7
Other Non-Pulmonary Forms of Heart Disease *(I30-I51)*	10,219	82.1
Acute and Subacute Endocarditis *(I33)*	70	0.6
Diseases of Pericardium and Acute Myocarditis *(I30-I31,I40)*	36	0.3
Other Diseases of Endocardium *(I34-I38)*	1,481	11.9
Nonrheumatic Mitral Valve Disorders *(I34)*	142	1.1
Nonrheumatic Aortic Valve Disorders *(I35)*	985	7.9
All Other Diseases of Endocardium *(I36-I38)*	354	2.8
Cardiomyopathy *(I42)*	1,439	11.6
Conduction Disorders and Cardiac Dysrhythmias *(I44-I49)*	3,180	25.5
Heart Failure *(I50)*	3,386	27.2
Congestive Heart Failure *(I50.0)*	3,090	24.8
Other and Unspecified Heart Failure *(I50.1-I50.9)*	296	2.4
Myocarditis, Unspecified and Myocardial Degeneration *(I51.4-I51.5)*	36	0.3
All Other and Ill-Defined Forms of Heart Disease *(I51.0-I51.3,I51.6-I51.9)*	591	4.7

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Table C-14

Resident Deaths by Cause, Number and Rate: Pennsylvania, 2008 (Cont.)

Cause of Death *(Based on the Tenth Revision, International Classification of Diseases)*	Number of Deaths	Rate*
Cerebrovascular Diseases *(I60-I69)*	6,676	53.6
Subarachnoid Hemorrhage *(I60)*	267	2.1
Intracerebral and Other Intracranial Hemorrhage *(I61-I62)*	1,525	12.3
Cerebral Infarction *(I63)*	370	3.0
Stroke, Not Specified As Hemorrhage or Infarction *(I64)*	3,533	28.4
Other Cerebrovascular Diseases and Their Sequelae *(I67,I69)*	981	7.9
Diseases of Arteries, Arterioles and Capillaries *(I70-I78)*	1,443	11.6
Atherosclerosis *(I70)*	339	2.7
Aortic Aneurysm and Dissection *(I71)*	620	5.0
Other Diseases of Arteries, Arterioles and Capillaries *(I72-I78)*	484	3.9
Other Disorders of Circulatory System *(I80-I99)*	193	1.6
Phlebitis, Thrombophlebitis, Venous Embolism and Thrombosis *(I80-I82)*	140	1.1
All Other and Unspecified Disorders of Circulatory System *(I83-I99)*	53	0.4
Diseases of the Respiratory System *(J00-J98)*	12,446	100.0
Acute Upper Respiratory Infections *(J00-J06)*	7	ND
Acute Pharyngitis and Tonsillitis *(J02-J03)*	1	ND
Acute Laryngitis and Tracheitis *(J04)*	0	ND
Other and Unspecified Acute Upper Respiratory Infections *(J00-J01,J05-J06)*	6	ND
Other Diseases of the Respiratory System *(J10-J98)*	12,439	99.9
Influenza *(J10-J11)*	70	0.6
Pneumonia *(J12-J18)*	2,631	21.1
Viral Pneumonia, Not Elsewhere Classified *(J12)*	10	0.1
Bacterial Pneumonia *(J13-J15)*	79	0.6
Pneumonia Due to Other or Unspecified Organisms *(J16,J18)*	2,542	20.4
Other Acute Lower Respiratory Infections *(J20-J22)*	18	0.1
Acute Bronchitis and Bronchiolitis *(J20-J21)*	11	0.1
Unspecified Acute Lower Respiratory Infection *(J22)*	7	ND
Other Diseases of Upper Respiratory Tract *(J30-J39)*	24	0.2
Chronic Lower Respiratory Diseases *(J40-J47)*	6,695	53.8
Bronchitis, Chronic and Unspecified, Emphysema and Asthma *(J40-J46)*	6,648	53.4
Bronchitis, Not Specified As Acute or Chronic *(J40)*	30	0.2
Chronic Bronchitis *(J41-J42)*	11	0.1
Emphysema *(J43)*	593	4.8
Other Chronic Obstructive Pulmonary Disease *(J44)*	5,830	46.8
Asthma *(J45-J46)*	184	1.5
Bronchiectasis *(J47)*	47	0.4
Lung Diseases Due to External Agents *(J60-J70)*	1,145	9.2
Pneumoconiosis and Chemical Effects *(J60-J66,J68)*	120	1.0
Pneumonitis Due to Solids and Liquids *(J69)*	1,019	8.2
Pneumonitis Due to Food and Vomit *(J69.0)*	1,019	8.2
Other Pneumonitis Due to Solids and Liquids *(J69.1-J69.8)*	0	ND
Other Lung Diseases Due to External Agents *(J67,J70)*	6	ND
Suppurative and Necrotic Conditions of Lower Respiratory Tract *(J85-J86)*	44	0.4
Pleural Effusion and Plaque *(J90,J92)*	93	0.7
All Other Diseases of Respiratory System *(J80-J84,J93-J98)*	1,719	13.8
Diseases of the Digestive System *(K00-K92)*	4,382	35.2
Diseases of Oral Cavity, Salivary Glands and Jaws *(K00-K14)*	12	0.1
Diseases of Other Parts of Digestive System *(K20-K92)*	4,370	35.1
Diseases of Esophagus *(K20-K22)*	87	0.7
Peptic Ulcer *(K25-K28)*	116	0.9
Gastric Ulcer *(K25)*	25	0.2
Duodenal Ulcer *(K26)*	56	0.4
Peptic Ulcer, Site Unspecified *(K27)*	35	0.3
Gastrojejunal Ulcer *(K28)*	0	ND
Gastritis and Duodenitis *(K29)*	6	ND

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Table C-14
Resident Deaths by Cause, Number and Rate: Pennsylvania, 2008 (Cont.)

Cause of Death *(Based on the Tenth Revision, International Classification of Diseases)*	Number of Deaths	Rate*
Dyspepsia and Other Diseases of Stomach and Duodenum *(K30-K31)*	33	0.3
Diseases of Appendix *(K35-K38)*	21	0.2
Hernia *(K40-K46)*	77	0.6
Crohn's Disease and Ulcerative Colitis *(K50-K51)*	41	0.3
Vascular Disorders and Obstruction of Intestine Without Hernia *(K55-K56)*	778	6.2
Diverticular Disease of Intestine *(K57)*	125	1.0
Other Diseases of Intestines and Peritoneum *(K52,K58-K63)*	337	2.7
Diseases of Peritoneum *(K65-K66)*	112	0.9
Diseases of Liver *(K70-K76)*	1,727	13.9
Alcoholic Liver Disease *(K70)*	370	3.0
Chronic Hepatitis, Not Elsewhere Classified *(K73)*	2	ND
Fibrosis and Cirrhosis of Liver *(K74)*	722	5.8
Other Diseases of Liver *(K71-K72,K75-K76)*	633	5.1
Cholelithiasis and Other Disorders of Gallbladder *(K80-K82)*	149	1.2
Disorders of Biliary Tract and Pancreas *(K83-K86)*	213	1.7
Pancreatitis *(K85,K86.0-K86.1)*	137	1.1
Other Disorders of Biliary Tract and Pancreas *(K83,K86.2-K86.9)*	76	0.6
All Other Diseases of Digestive System *(K90,K92)*	548	4.4
Diseases of the Skin and Subcutaneous Tissue *(L00-L98)*	196	1.6
Infections of Skin and Subcutaneous Tissue *(L00-L08)*	85	0.7
Other and Unspecified Diseases of Skin and Subcutaneous Tissue *(L10-L98)*	111	0.9
Diseases of the Musculoskeletal System and Connective Tissue *(M00-M99)*	663	5.3
Rheumatoid Arthritis and Related Inflammatory Polyarthropathies *(M05-M08)*	143	1.1
Systemic Lupus Erythematosus *(M32)*	49	0.4
Other Arthropathies and Related Disorders *(M00,M02,M10-M31,M33-M35)*	219	1.8
Dorsopathies *(M40-M54)*	54	0.4
Soft Tissue Disorders *(M60-M79)*	63	0.5
Osteopathies, Chondropathies and Other Disorders of Musculoskeletal System and Connective Tissue *(M80-M99)*	135	1.1
Osteoporosis *(M80-M81)*	61	0.5
Other Osteopathies, Chondropathies and Disorders of Musculoskeletal System and Connective Tissue *(M83-M99)*	74	0.6
Diseases of the Genitourinary System *(N00-N98)*	3,794	30.5
Diseases of Urinary System *(N00-N39)*	3,734	30.0
Glomerular and Renal Tubulo-Interstitial Diseases *(N00-N15)*	273	2.2
Glomerular Diseases *(N00-N07)*	228	1.8
Acute and Rapidly Progressive Nephritic Syndrome *(N00-N01)*	4	ND
Nephrotic Syndrome *(N04)*	4	ND
Other and Unspecified Glomerular Diseases *(N02-N03,N05-N07)*	220	1.8
Renal Tubulo-Interstitial Diseases *(N10-N15)*	45	0.4
Renal Failure *(N17-N19)*	2,884	23.2
Urolithiasis *(N20-N23)*	14	0.1
Other and Unspecified Disorders of Kidney *(N25-N27)*	4	ND
Urinary Tract Infection, Site Not Specified *(N39.0)*	503	4.0
Other Diseases of Urinary System *(N28-N36,N39.1-N39.9)*	56	0.4
Diseases of Male Genital Organs *(N40-N50)*	33	0.3
Hyperplasia of Prostate *(N40)*	21	0.2
Other Diseases of Male Genital Organs *(N41-N50)*	12	0.1
Disorders of Breast *(N60-N64)*	7	ND
Disorders of Female Genital Organs *(N70-N98)*	20	0.2
Inflammatory Diseases of Female Pelvic Organs *(N70-N76)*	7	ND
Noninflammatory Disorders of Female Genital Tract *(N80-N98)*	13	0.1

* Rate per 100,000 population.

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Table C-14
Resident Deaths by Cause, Number and Rate: Pennsylvania, 2008 (Cont.)

Cause of Death *(Based on the Tenth Revision, International Classification of Diseases)*	Number of Deaths	Rate*
Pregnancy, Childbirth and the Puerperium *(O00-O99)*	29	0.2
Pregnancy with Abortive Outcome *(O00-O07)*	1	ND
Ectopic Pregnancy *(O00)*	1	ND
Spontaneous Abortion *(O03)*	0	ND
Medical Abortion *(O04)*	0	ND
Other Abortion *(O05)*	0	ND
Other and Unspecified Pregnancy With Abortive Outcome *(O01-O02,O06-O07)*	0	ND
Other Direct Obstetric Deaths *(O10-O92)*	13	0.1
Eclampsia and Pre-Eclampsia *(O11,O13-O16)*	1	ND
Hemorrhage of Pregnancy and Childbirth and Placenta Previa *(O20,O44-O46,O67,O72)*	1	ND
Complications Predominantly Related to the Puerperium *(O85-O92)*	6	ND
Obstetric Embolism *(O88)*	1	ND
Other Complications Predominately Related to the Puerperium *(O85-O87,O89-O92)*	5	ND
All Other Direct Obstetric Causes *(O10,O12,O21-O43,O47-O66, O68-O71,O73-O75)*	5	ND
Obstetric Death of Unspecified Cause *(O95)*	0	ND
Other Deaths Related to Pregnancy, Childbirth and the Puerperium *(O96-O97)*	8	ND
Indirect Obstetric Deaths *(O98-O99)*	7	ND
Certain Conditions Originating in the Perinatal Period *(P00-P96)*	611	4.9
Newborn Affected by Maternal Factors and by Complications of Pregnancy, Labor and Delivery *(P00-P04)*	190	1.5
Disorders Related to Short Gestation and Low Birth Weight, Not Elsewhere Classified *(P07)*	211	1.7
Birth Trauma *(P10-P15)*	0	ND
Intrauterine Hypoxia and Birth Asphyxia *(P20-P21)*	21	0.2
Respiratory Distress of Newborn *(P22)*	23	0.2
Other Respiratory Conditions Originating in the Perinatal Period *(P23-P28)*	53	0.4
Infections Specific to the Perinatal Period *(P35-P39)*	32	0.3
Other and Unspecified Conditions Originating in the Perinatal Period *(P05,P08,P29,P50-P96)*	81	0.7
Congenital Malformations, Deformations and Chromosomal Abnormalities *(Q00-Q99)*	389	3.1
Anencephaly and Similar Malformations *(Q00)*	20	0.2
Spina Bifida *(Q05)*	12	0.1
All Other Congenital Malformations of Nervous System *(Q01-Q04,Q06-Q07)*	35	0.3
Congenital Malformations of Heart *(Q20-Q24)*	123	1.0
Other Congenital Malformations of Circulatory System *(Q25-Q28)*	20	0.2
Congenital Malformations of Respiratory System *(Q30-Q34)*	12	0.1
Other Congenital Malformations and Deformations *(Q10-Q18,Q35-Q89)*	96	0.8
Down Syndrome *(Q90)*	40	0.3
All Other Chromosomal Abnormalities, Not Elsewhere Classified *(Q91-Q99)*	31	0.2
Symptoms, Signs and Abnormal Clinical and Laboratory Findings, Not Elsewhere Classified *(R00-R99)*	2,150	17.3
Senility *(R54)*	85	0.7

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Table C-14

Resident Deaths by Cause, Number and Rate: Pennsylvania, 2008 (Cont.)

Cause of Death *(Based on the Tenth Revision, International Classification of Diseases)*	Number of Deaths	Rate*
Ill-Defined and Unknown Causes of Mortality *(R95-R99)*	765	6.1
Sudden Infant Death Syndrome *(R95)*	78	0.6
Other Ill-Defined and Unknown Causes of Mortality *(R96-R99)*	687	5.5
All Other Symptoms, Signs and Abnormal Clinical and Laboratory Findings, Not Elsewhere Classified *(R00-R53,R55-R94)*	1,300	10.4
External Causes of Mortality *(U01-U03,V01-Y89)*	8,192	65.8
Accidents *(V01-X59,Y85-Y86)*	5,669	45.5
Transport Accidents *(V01-V99,Y85)*	1,600	12.9
Railway Accidents *(V05,V15,V80.6,V81.2-V81.9)*	20	0.2
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)*	1,530	12.3
Pedestrian Involved in Collision With Motor Vehicle *(V02-V04)*	68	0.5
Pedalcyclist Involved in Collision With Motor Vehicle *(V12-V14, V19.0-V19.2,V19.4-V19.6)*	12	0.1
Motorcyclist Involved in Any Accident Except Collision With Railway Train *(V20-V24,V26-V34,V36-V39)*	224	1.8
Motor Vehicle Accident Involving Collision With Railway Train *(V25, V35, V45,V55,V65,V75,V81.0-V81.1,V87.6,V88.6)*	1	ND
Motorcyclist Involved in Collision With Railway Train *(V25,V35)*	0	ND
Other Motor Vehicle Accident Involving Collision With Railway Train *(V45,V55,V65,V75,V81.0-V81.1,V87.6,V88.6)*	1	ND
Occupant of Motor Vehicle Involved in Collision With Other (Non-Motorized) Road Vehicle, Streetcar, Animal or Pedestrian *(V40-V41,V46-V47, V50-V51,V56-V57,V60-V61,V66-V67,V70-V71,V76-V77)*	53	0.4
Occupant of Car, Pickup Truck or Van Involved in Collision With Other Motor Vehicle *(V42-V44,V49,V52-V54,V59)*	150	1.2
Occupant of Heavy Transport Vehicle or Bus Involved in Collision With Other Motor Vehicle *(V62-V64,V69,V72-V74,V79)*	8	ND
Occupant of Motor Vehicle Involved in Noncollision Accident *(V48, V58,V68,V78)*	35	0.3
Occupant of Special-Use Motor Vehicle Involved in Any Accident *(V83-V86)*	47	0.4
Other and Unspecified Motor Vehicle Accidents *(V09.0,V09.2, V80.3-V80.5,V82.0-V82.1,V87.0-V87.5,V87.7-V87.8,V88.0-V88.5, V88.7-V88.8,V89.0,V89.2)*	932	7.5
Streetcar Accidents *(V82.2-V82.9)*	0	ND
Other and Unspecified Land Transport Accidents *(V01,V06,V09.1,V09.3, V09.9,V10-V11,V16-V18,V19.3,V19.8-V19.9,V80.0-V80.2,V80.7-V80.9, V87.9,V88.9,V89.1,V89.3,V89.9)*	13	0.1
Water Transport Accidents *(V90-V94)*	4	ND
Air and Space Transport Accidents *(V95-V97)*	8	ND
Other and Unspecified Transport Accidents and Their Sequelae *(V98-V99,Y85)*	25	0.2
Falls *(W00-W19)*	1,266	10.2
Fall on Same Level *(W00-W09,W18)*	444	3.6
Fall From One Level to Another *(W10-W17)*	243	2.0
Unspecified Fall *(W19)*	579	4.7
Accidental Discharge of Firearms *(W32-W34)*	30	0.2
Accidental Explosion *(W39-W40)*	4	ND
Accidental Drowning and Submersion *(W65-W74)*	81	0.7
Accidental Inhalation and Ingestion of Food or Other Objects Causing Obstruction of Respiratory Tract *(W78-W80)*	299	2.4
Other Accidental and Unspecified Threats to Breathing *(W75-W77, W81-W84)*	43	0.3
Accidental Exposure to Electric Current *(W85-W87)*	19	0.2
Accidental Exposure to Radiation *(W88-W91)*	0	ND
Accidental Exposure to Smoke, Fire and Flames *(X00-X09)*	166	1.3

* Rate per 100,000 population.

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Table C-14

Resident Deaths by Cause, Number and Rate: Pennsylvania, 2008 (Cont.)

Cause of Death *(Based on the Tenth Revision, International Classification of Diseases)*	Number of Deaths	Rate*
Accidental Contact With Heat and Hot Substances *(X10-X19)*	6	ND
Lightning *(X33)*	1	ND
Earthquake, Volcanic Eruption, Avalanche, Landslide and Other Earth Movements *(X34-X36)*	0	ND
Cataclysmic Storm and Flood *(X37-X38)*	0	ND
Accidental Poisoning and Exposure to Noxious Substances *(X40-X49)*	1,627	13.1
Accidental Poisoning by and Exposure to Drugs and Other Biological Substances *(X40-X44)*	1,522	12.2
Accidental Poisoning by and Exposure to Other and Unspecified Solid or Liquid Substances *(X45-X46,X48-X49)*	67	0.5
Accidental Poisoning by and Exposure to Other Gases/Vapors *(X47)*	38	0.3
All Other and Unspecified Accidents and Their Sequelae *(W20-W31, W35-W38,W41-W64,W92-W99,X20-X32,X39,X50-X59,Y86)*	527	4.2
Intentional Self-Harm (Suicide) *(U03,X60-X84,Y87.0)*	1,522	12.2
Intentional Self-Poisoning (Suicide) by and Exposure to Drugs and Other Biological Substances *(X60-X64)*	198	1.6
Intentional Self-Poisoning (Suicide) by and Exposure to Other and Unspecified Solid or Liquid Substances and Their Vapors *(X65-X66,X68-X69)*	9	ND
Intentional Self-Poisoning (Suicide) by Exposure to Other Gases/Vapors *(X67)*	51	0.4
Intentional Self-Harm (Suicide) by Hanging, Strangulation and Suffocation *(X70)*	394	3.2
Intentional Self-Harm (Suicide) by Discharge of Firearms *(X72-X74)*	768	6.2
Intentional Self-Harm (Suicide) by Jumping From a High Place *(X80)*	26	0.2
Intentional Self-Harm (Suicide) by All Other and Unspecified Means and Their Sequelae *(U03,X71,X75-X79,X81-X84,Y87.0)*	76	0.6
Assault (Homicide) *(U01-U02,X85-Y09,Y87.1)*	692	5.6
Assault (Homicide) by Drugs, Biological Substances and Other and Unspecified Noxious Substances *(U01.6-U01.7,X85-X90)*	7	ND
Assault (Homicide) by Hanging, Strangulation and Suffocation *(X91)*	22	0.2
Assault (Homicide) by Discharge of Firearms *(U01.4,X93-X95)*	518	4.2
Assault (Homicide) by Sharp Object *(X99)*	60	0.5
Assault (Homicide) by Blunt Object *(Y00)*	0	ND
Assault (Homicide) by Bodily Force *(Y04)*	3	ND
Sexual Assault (Homicide) by Bodily Force *(Y05)*	0	ND
Neglect, Abandonment and Other Maltreatment Syndromes *(Y06-Y07)*	3	ND
Assault (Homicide) by All Other and Unspecified Means and Their Sequelae *(U01.0-U01.3,U01.5,U01.8-U01.9,U02,X92,X96-X98,Y01-Y03,Y08-Y09,Y87.1)*	79	0.6
Event of Undetermined Intent *(Y10-Y34,Y87.2,Y89.9)*	165	1.3
Poisoning by and Exposure to Drugs and Biological Substances, Undetermined Intent *(Y10-Y14)*	89	0.7
Poisoning by and Exposure to Other and Unspecified Solid or Liquid Substance, Undetermined Intent *(Y15-Y16,Y18-Y19)*	13	0.1
Poisoning by and Exposure to Other Gases/Vapors, Undetermined Intent *(Y17)*	3	ND
Discharge of Firearms, Undetermined Intent *(Y22-Y24)*	7	ND
Falling, Jumping or Pushed From a High Place, Undetermined Intent *(Y30)*	5	ND
All Other and Unspecified Events of Undetermined Intent and Their Sequelae *(Y20-Y21,Y25-Y29,Y31-Y34,Y87.2,Y89.9)*	48	0.4
Legal Intervention *(Y35,Y89.0)*	12	0.1
Legal Execution *(Y35.5)*	0	ND
Other Legal Intervention and Their Sequelae *(Y35.0-Y35.4,Y35.6-Y35.7,Y89.0)*	12	0.1
Operations of War and Their Sequelae *(Y36,Y89.1)*	1	ND
Complications of Medical and Surgical Care *(Y40-Y84,Y88)*	131	1.1
Drugs, Medicaments and Biological Substances Causing Adverse Effects in Therapeutic Use, and Their Sequelae *(Y40-Y59,Y88.0)*	15	0.1
Misadventures to Patients During Medical and Surgical Care and Their Sequelae *(Y60-Y69,Y88.1)*	9	ND
Other Complications of Medical and Surgical Care and Their Sequelae *(Y70-Y84,Y88.2-Y88.3)*	107	0.9

* Rate per 100,000 population.

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Table C-15
Resident Infant Deaths by Cause and Age at Death
Number and Rate: Pennsylvania, 2008

Cause of Death *(Based on the Tenth Revision, International Classification of Diseases)*	Infant Deaths: Total Number	Total Rate*	Neonatal: Under 1 Day	Neonatal: 1-6 Days	Neonatal: 7-27 Days	Post Neonatal: 28-364 Days
All Causes	1,090	7.3	522	108	149	311
Certain Infectious and Parasitic Diseases *(A00-B99)*	29	0.2	1	1	3	24
Certain Intestinal Infectious Diseases *(A00-A08)*	2	ND	0	0	1	1
Diarrhea and Gastroenteritis of Infectious Origin *(A09)*	0	ND	0	0	0	0
Tuberculosis *(A16-A19)*	0	ND	0	0	0	0
Tetanus *(A33,A35)*	0	ND	0	0	0	0
Diphtheria *(A36)*	0	ND	0	0	0	0
Whooping Cough *(A37)*	1	ND	0	0	0	1
Meningococcal Infection *(A39)*	0	ND	0	0	0	0
Septicemia *(A40-A41)*	22	0.1	1	1	1	19
Congenital Syphilis *(A50)*	0	ND	0	0	0	0
Gonococcal Infection *(A54)*	0	ND	0	0	0	0
Viral Diseases *(A80-B34)*	3	ND	0	0	1	2
Acute Poliomyelitis *(A80)*	0	ND	0	0	0	0
Varicella (Chickenpox) *(B01)*	0	ND	0	0	0	0
Measles *(B05)*	0	ND	0	0	0	0
Human Immunodeficiency Virus (HIV) Disease *(B20-B24)*	0	ND	0	0	0	0
Mumps *(B26)*	0	ND	0	0	0	0
Other and Unspecified Viral Diseases *(A81-B00,B02-B04, B06-B19,B25,B27-B34)*	3	ND	0	0	1	2
Candidiasis *(B37)*	0	ND	0	0	0	0
Malaria *(B50-B54)*	0	ND	0	0	0	0
Pneumocystosis *(B59)*	0	ND	0	0	0	0
All Other and Unspecified Infectious and Parasitic Diseases *(A20-A32,A38,A42-A49,A51-A53,A55-A79,B35-B36, B38-B49,B55-B58,B60-B99)*	1	ND	0	0	0	1
Neoplasms *(C00-D48)*	3	ND	0	0	1	2
Malignant Neoplasms *(C00-C97)*	3	ND	0	0	1	2
Hodgkin's Disease and Non-Hodgkin's Lymphomas *(C81-C85)*	0	ND	0	0	0	0
Leukemia *(C91-C95)*	2	ND	0	0	1	1
Other and Unspecified Malignant Neoplasms *(C00-C80,C88, C90,C96-C97)*	1	ND	0	0	0	1
In Situ Neoplasms, Benign Neoplasms and Neoplasms of Uncertain or Unknown Behavior *(D00-D48)*	0	ND	0	0	0	0
Diseases of the Blood and Blood-Forming Organs and Certain Disorders Involving the Immune Mechanism *(D50-D89)*	1	ND	0	0	1	0
Anemias *(D50-D64)*	0	ND	0	0	0	0
Hemorrhagic Conditions and Other Diseases of Blood and Blood-Forming Organs *(D65-D76)*	1	ND	0	0	1	0
Certain Disorders Involving the Immune Mechanism *(D80-D89)*	0	ND	0	0	0	0
Endocrine, Nutritional and Metabolic Diseases *(E00-E88)*	7	ND	0	1	1	5
Short Stature, Not Elsewhere Classified *(E34.3)*	0	ND	0	0	0	0
Nutritional Deficiencies *(E40-E64)*	0	ND	0	0	0	0
Cystic Fibrosis *(E84)*	0	ND	0	0	0	0

* Rate per 1,000 live births.

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Table C-15
Resident Infant Deaths by Cause and Age at Death
Number and Rate: Pennsylvania, 2008 (Continued)

Cause of Death *(Based on the Tenth Revision, International Classification of Diseases)*	Infant Deaths: Total Number	Total Rate*	Neonatal: Under 1 Day	Neonatal: 1-6 Days	Neonatal: 7-27 Days	Post Neonatal: 28-364 Days
Volume Depletion, Disorders of Fluid, Electrolyte and Acid-Base Balance *(E86-E87)*	6	ND	0	1	1	4
All Other Endocrine, Nutritional and Metabolic Diseases *(E00-E32, E34.0-E34.2,E34.4-E34.9,E65-E83,E85,E88)*	1	ND	0	0	0	1
Diseases of the Nervous System *(G00-G98)*	21	0.1	1	0	2	18
Meningitis *(G00,G03)*	2	ND	0	0	0	2
Infantile Spinal Muscular Atrophy, Type I *(G12.0)*	0	ND	0	0	0	0
Infantile Cerebral Palsy *(G80)*	0	ND	0	0	0	0
Anoxic Brain Damage, Not Elsewhere Classified *(G93.1)*	7	ND	0	0	0	7
Other Diseases of Nervous System *(G04,G06-G11,G12.1-G12.9, G20-G72,G81-G92,G93.0,G93.2-G93.9,G95-G98)*	12	0.1	1	0	2	9
Diseases of the Ear and Mastoid Process *(H60-H93)*	0	ND	0	0	0	0
Diseases of the Circulatory System *(I00-I99)*	12	0.1	0	1	1	10
Pulmonary Heart Disease and Diseases of Pulmonary Circulation *(I26-I28)*	4	ND	0	0	1	3
Pericarditis, Endocarditis and Myocarditis *(I30,I33,I40)*	0	ND	0	0	0	0
Cardiomyopathy *(I42)*	0	ND	0	0	0	0
Cardiac Arrest *(I46)*	1	ND	0	0	0	1
Cerebrovascular Diseases *(I60-I69)*	3	ND	0	1	0	2
All Other Diseases of Circulatory System *(I00-I25,I31,I34-I38, I44-I45,I47-I51,I70-I99)*	4	ND	0	0	0	4
Diseases of the Respiratory System *(J00-J98)*	25	0.2	2	0	0	23
Acute Upper Respiratory Infections *(J00-J06)*	0	ND	0	0	0	0
Influenza and Pneumonia *(J10-J18)*	13	0.1	0	0	0	13
Influenza *(J10-J11)*	0	ND	0	0	0	0
Pneumonia *(J12-J18)*	13	0.1	0	0	0	13
Acute Bronchitis and Acute Bronchiolitis *(J20-J21)*	0	ND	0	0	0	0
Bronchitis, Chronic and Unspecified *(J40-J42)*	1	ND	0	0	0	1
Asthma *(J45-J46)*	0	ND	0	0	0	0
Pneumonitis Due to Solids and Liquids *(J69)*	0	ND	0	0	0	0
Other and Unspecified Diseases of Respiratory System *(J22, J30-J39,J43-J44,J47-J68,J70-J98)*	11	0.1	2	0	0	9
Diseases of the Digestive System *(K00-K92)*	23	0.2	0	0	3	20
Gastritis, Duodenitis, and Noninfective Enteritis and Colitis *(K29, K50-K55)*	16	0.1	0	0	1	15
Hernia of Abdominal Cavity and Intestinal Obstruction Without Hernia *(K40-K46, K56)*	0	ND	0	0	0	0
All Other and Unspecified Diseases of Digestive System *(K00-K28, K30-K38,K57-K92)*	7	ND	0	0	2	5
Diseases of the Genitourinary System *(N00-N95)*	9	ND	2	0	1	6
Renal Failure and Other Disorders of Kidney *(N17-N19,N25,N27)*	5	ND	0	0	1	4
Other and Unspecified Diseases of Genitourinary System *(N00-N15,N20-N23,N26,N28-N95)*	4	ND	2	0	0	2

* Rate per 1,000 live births.

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Table C-15
Resident Infant Deaths by Cause and Age at Death
Number and Rate: Pennsylvania, 2008 (Continued)

Cause of Death *(Based on the Tenth Revision, International Classification of Diseases)*	Infant Deaths: Total Number	Total Rate*	Neonatal: Under 1 Day	Neonatal: 1-6 Days	Neonatal: 7-27 Days	Post Neonatal: 28-364 Days
Certain Conditions Originating in the Perinatal Period *(P00-P96)*	609	4.1	437	71	80	21
Newborn Affected by Maternal Factors and by Complications of Pregnancy, Labor and Delivery *(P00-P04)*	190	1.3	173	9	6	2
Newborn Affected by Maternal Hypertensive Disorders (P00.0)	4	ND	3	1	0	0
Newborn Affected by Other Maternal Conditions Which May be Unrelated to Present Pregnancy *(P00.1-P00.9)*	2	ND	2	0	0	0
Newborn Affected by Maternal Complications of Pregnancy *(P01)*	116	0.8	111	1	3	1
Newborn Affected by Incompetent Cervix *(P01.0)*	20	0.1	20	0	0	0
Newborn Affected by Premature Rupture of Membranes *(P01.1)*	45	0.3	44	0	1	0
Newborn Affected by Multiple Pregnancy *(P01.5)*	39	0.3	38	0	1	0
Newborn Affected by Other Maternal Complications of Pregnancy *(P01.2-P01.4,P01.6-P01.9)*	12	0.1	9	1	1	1
Newborn Affected by Complications of Placenta, Cord and Membranes *(P02)*	58	0.4	51	4	3	0
Newborn Affected by Complications Involving Placenta *(P02.0-P02.3)*	31	0.2	25	4	2	0
Newborn Affected by Complications Involving Cord *(P02.4-P02.6)*	2	ND	1	0	1	0
Newborn Affected by Chorioamnionitis *(P02.7)*	25	0.2	25	0	0	0
Newborn Affected by Other and Unspecified Abnormalities of Membranes *(P02.8-P02.9)*	0	ND	0	0	0	0
Newborn Affected by Other Complications of Labor and Delivery *(P03)*	7	ND	4	3	0	0
Newborn Affected by Noxious Influences Transmitted Via Placenta or Breast Milk *(P04)*	3	ND	2	0	0	1
Disorders Related to Length of Gestation and Fetal Malnutrition *(P05-P08)*	218	1.5	204	7	4	3
Slow Fetal Growth and Fetal Malnutrition *(P05)*	7	ND	4	3	0	0
Disorders Related to Short Gestation and Low Birth Weight, Not Elsewhere Classified *(P07)*	211	1.4	200	4	4	3
Extremely Low Birth Weight or Extreme Immaturity *(P07.0,P07.2)*	161	1.1	152	4	3	2
Other Low Birth Weight or Preterm *(P07.1,P07.3)*	50	0.3	48	0	1	1
Disorders Related to Long Gestation and High Birth Weight *(P08)*	0	ND	0	0	0	0
Birth Trauma *(P10-P15)*	0	ND	0	0	0	0
Intrauterine Hypoxia and Birth Asphyxia *(P20-P21)*	21	0.1	10	5	6	0
Intrauterine Hypoxia *(P20)*	8	ND	4	3	1	0
Birth Asphyxia *(P21)*	13	0.1	6	2	5	0
Respiratory Distress of Newborn *(P22)*	23	0.2	6	11	6	0
Other Respiratory Conditions Originating In the Perinatal Period *(P23-P28)*	52	0.3	16	14	14	8
Congenital Pneumonia *(P23)*	4	ND	0	0	4	0
Neonatal Aspiration Syndromes *(P24)*	3	ND	2	0	1	0
Interstitial Emphysema and Related Conditions Originating In the Perinatal Period *(P25)*	5	ND	3	2	0	0
Pulmonary Hemorrhage Originating In the Perinatal Period *(P26)*	12	0.1	0	9	3	0
Chronic Respiratory Disease Originating In the Perinatal Period *(P27)*	7	ND	0	0	0	7
Atelectasis *(P28.0-P28.1)*	12	0.1	8	1	2	1
All Other Respiratory Conditions Originating In the Perinatal Period *(P28.2-P28.9)*	9	ND	3	2	4	0

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Table C-15
Resident Infant Deaths by Cause and Age at Death
Number and Rate: Pennsylvania, 2008 (Continued)

Cause of Death *(Based on the Tenth Revision, International Classification of Diseases)*	Infant Deaths: Total Number	Total Rate*	Neonatal: Under 1 Day	Neonatal: 1-6 Days	Neonatal: 7-27 Days	Post Neonatal: 28-364 Days
Infections Specific to the Perinatal Period *(P35-P39)*	32	0.2	5	5	20	2
Bacterial Sepsis of Newborn *(P36)*	27	0.2	3	5	18	1
Omphalitis of Newborn With or Without Mild Hemorrhage *(P38)*	0	ND	0	0	0	0
All Other Infections Specific to the Perinatal Period *(P35,P37,P39)*	5	ND	2	0	2	1
Hemorrhagic and Hematological Disorders of Newborn *(P50-P61)*	22	0.1	7	10	4	1
Neonatal Hemorrhage *(P50-P52,P54)*	18	0.1	5	9	3	1
Hemorrhagic Disease of Newborn *(P53)*	1	ND	0	1	0	0
Hemolytic Disease of Newborn Due to Isoimmunization and Other Perinatal Jaundice *(P55-P59)*	0	ND	0	0	0	0
Hematological Disorders *(P60-P61)*	3	ND	2	0	1	0
Syndrome of Infant of a Diabetic Mother and Neonatal Diabetes Mellitus *(P70.0-P70.2)*	0	ND	0	0	0	0
Necrotizing Enterocolitis of Newborn *(P77)*	20	0.1	0	2	14	4
Hydrops Fetalis Not Due to Hemolytic Disease *(P83.2)*	4	ND	4	0	0	0
Other Perinatal Conditions *(P29,P70.3-P70.9,P71-P76,P78-P81, P83.0-P83.1,P83.3-P83.9,P90-P96)*	27	0.2	12	8	6	1
Congenital Malformations, Deformations and Chromosomal Abnormalities *(Q00-Q99)*	207	1.4	77	31	44	55
Anencephaly and Similar Malformations *(Q00)*	19	0.1	13	5	0	1
Congenital Hydrocephalus *(Q03)*	4	ND	1	0	2	1
Spinal Bifida *(Q05)*	1	ND	0	0	1	0
Other Congenital Malformations of Nervous System *(Q01-Q02,Q04,Q06-Q07)*	15	0.1	7	1	2	5
Congenital Malformations of Heart *(Q20-Q24)*	58	0.4	6	8	17	27
Other Congenital Malformations of Circulatory System *(Q25-Q28)*	5	ND	0	1	3	1
Congenital Malformations of Respiratory System *(Q30-Q34)*	11	0.1	4	3	4	0
Congenital Malformations of Digestive System *(Q35-Q45)*	0	ND	0	0	0	0
Congenital Malformations of Genitourinary System *(Q50-Q64)*	15	0.1	14	0	1	0
Congenital Malformations and Deformations of Musculoskeletal System, Limbs and Integument *(Q65-Q85)*	22	0.1	11	1	4	6
Down Syndrome *(Q90)*	4	ND	2	0	0	2
Edward's Syndrome *(Q91.0-Q91.3)*	17	0.1	2	7	4	4
Patau's Syndrome *(Q91.4-Q91.7)*	7	ND	3	1	2	1
Other Congenital Malformations and Deformations *(Q10-Q18,Q86-Q89)*	22	0.1	13	3	2	4
Other Chromosomal Abnormalities, Not Elsewhere Classified *(Q92-Q99)*	7	ND	1	1	2	3
Symptoms, Signs and Abnormal Clinical and Laboratory Findings, Not Elsewhere Classified *(R00-R99)*	110	0.7	1	3	9	97
Sudden Infant Death Syndrome *(R95)*	78	0.5	0	0	6	72
Other Symptoms, Signs and Abnormal Clinical and Laboratory Findings, Not Elsewhere Classified *(R00-R53,R55-R94, R96-R99)*	32	0.2	1	3	3	25
All Other Diseases (Residual) *(F01-F99,H00-H57,L00-M99)*	2	ND	0	0	1	1

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Table C-15
Resident Infant Deaths by Cause and Age at Death
Number and Rate: Pennsylvania, 2008 (Continued)

Cause of Death *(Based on the Tenth Revision, International Classification of Diseases)*	Infant Deaths					
	Total		Neonatal			Post Neonatal
	Number	Rate*	Under 1 Day	1-6 Days	7-27 Days	28-364 Days
External Causes of Mortality *(U01,V01-Y84)*	32	0.2	1	0	2	29
Accidents *(V01-X59)*	20	0.1	0	0	2	18
Transport Accidents *(V01-V99)*	1	ND	0	0	0	1
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)*	1	ND	0	0	0	1
Other and Unspecified Transport Accidents *(V01,V05-V06, V09.1,V09.3-V09.9,V10-V11,V15-V18, V19.3, V19.8-V19.9,V80.0-V80.2,V80.6-V80.9,V81.2-V81.9, V82.2-V82.9,V87.9,V88.9,V89.1,V89.3,V89.9,V90-V99)*	0	ND	0	0	0	0
Falls *(W00-W19)*	0	ND	0	0	0	0
Accidental Discharge of Firearms *(W32-W34)*	0	ND	0	0	0	0
Accidental Drowning and Submersion *(W65-W74)*	1	ND	0	0	0	1
Accidental Suffocation and Strangulation In Bed *(W75)*	7	ND	0	0	1	6
Other Accidental Suffocation and Strangulation *(W76-W77, W81-W84)*	5	ND	0	0	0	5
Accidental Inhalation and Ingestion of Food or Other Objects Causing Obstruction of Respiratory Tract *(W78-W80)*	3	ND	0	0	0	3
Accidents Caused by Exposure to Smoke, Fire and Flames *(X00-X09)*	2	ND	0	0	0	2
Accidental Poisoning and Exposure to Noxious Substances *(X40-X49)*	1	ND	0	0	1	0
Other and Unspecified Accidents *(W20-W31,W35-W64, W85-W99,X10-X39,X50-X59)*	0	ND	0	0	0	0
Assault (Homicide) *(U01,X85-Y09)*	8	ND	1	0	0	7
Assault (Homicide) by Hanging, Strangulation and Suffocation *(X91)*	2	ND	1	0	0	1
Assault (Homicide) by Discharge of Firearms *(U01.4,X93-X95)*	0	ND	0	0	0	0
Neglect, Abandonment and Other Maltreatment Syndromes *(Y06-Y07)*	3	ND	0	0	0	3
Assault (Homicide) by Other and Unspecified Means *(U01.0-U01.3,U01.5-U01.9,X85-X90,X92,X96-Y05,Y08-Y09)*	3	ND	0	0	0	3
Complications of Medical and Surgical Care *(Y40-Y84)*	0	ND	0	0	0	0
Other External Causes *(X60-X84,Y10-Y36)*	4	ND	0	0	0	4

* Rate per 1,000 live births.

Note: Rates based on less than 10 events are considered statistically unreliable and are not displayed (ND).

Table C-16A

Deaths Due to Diseases of Heart

Number of Deaths, Age-Adjusted Death Rates and 95% Confidence Intervals:

Pennsylvania and United States, 1970, 1975, 1980, 1985-2008

	Pennsylvania			United States		
Year	Number	Rate	CI (95%)	Number	Rate	CI (95%)
2008	33,179	207.3	205.0-209.5	NA	NA	NA
2007	32,517	214.9	212.6-217.2	616,067	190.9	190.4-191.4
2006	33,414	225.6	223.2-228.0	631,636	200.2	199.7-200.7
2005	35,896	229.0	226.6-231.4	652,091	211.1	210.6-211.6
2004	36,063	234.1	231.7-236.5	652,486	217.0	216.5-217.5
2003	37,805	250.1	247.6-252.6	685,089	232.3	231.8-232.9
2002	38,291	257.9	255.3-260.5	696,947	240.8	240.2-241.4
2001	39,408	255.3	252.8-257.8	700,142	247.8	247.2-248.4
2000	40,446	270.2	267.6-272.8	710,760	257.6	257.0-258.2
1999	41,420	268.1	265.5-270.7	725,192	267.8	267.2-268.4
1998	41,282	272.2	269.6-274.8	724,859	272.4	271.8-273.0
1997	41,941	283.3	280.6-286.0	726,974	280.4	279.8-281.0
1996	43,231	302.6	299.8-305.5	733,361	288.3	287.6-289.0
1995	42,934	304.6	301.7-307.5	737,563	296.3	295.6-297.0
1994	43,657	309.9	307.0-312.8	732,409	299.7	299.0-300.4
1993	43,731	324.1	321.1-327.1	743,460	309.9	309.2-310.6
1992	42,924	313.7	310.7-316.7	717,706	306.1	305.4-306.8
1991	43,091	325.4	322.3-328.5	720,862	313.8	313.1-314.5
1990	43,204	337.5	334.3-340.7	720,058	321.8	321.1-322.5
1989	44,784	331.4	328.3-334.5	733,867	332.0	331.2-332.8
1988	47,810	359.5	356.3-362.7	765,156	352.5	351.7-353.3
1987	47,381	362.8	359.5-366.1	760,353	355.9	355.1-356.7
1986	47,991	372.0	368.7-375.3	765,490	365.1	364.3-365.9
1985	48,692	386.8	383.4-390.2	771,169	375.0	374.2-375.8
1980	50,677	463.9	459.9-467.9	761,085	412.1	411.2-413.0
1975	49,323	486.3	482.0-490.6	716,215	431.2	430.2-432.2
1970	52,476	565.1	560.3-569.9	735,542	492.7	491.6-493.8

NA = Data not available

Notes: Age-adjusted rates are computed by the direct method using the 2000 U.S. standard million population.
Rates are per 100,000. Unknowns excluded from calculations for 2002 - 2008.
CI = 95% confidence interval based on a formula for estimating the standard error or SE. See Technical Notes.
Data for 1999-2008 based on ICD-10, 1980-1998 based on ICD-9, and 1970 and 1975 based on ICD-8 cause of death codes.

Figure C-9

Diseases of Heart Age-Adjusted Death Rates

Pennsylvania and United States, 1980-2008

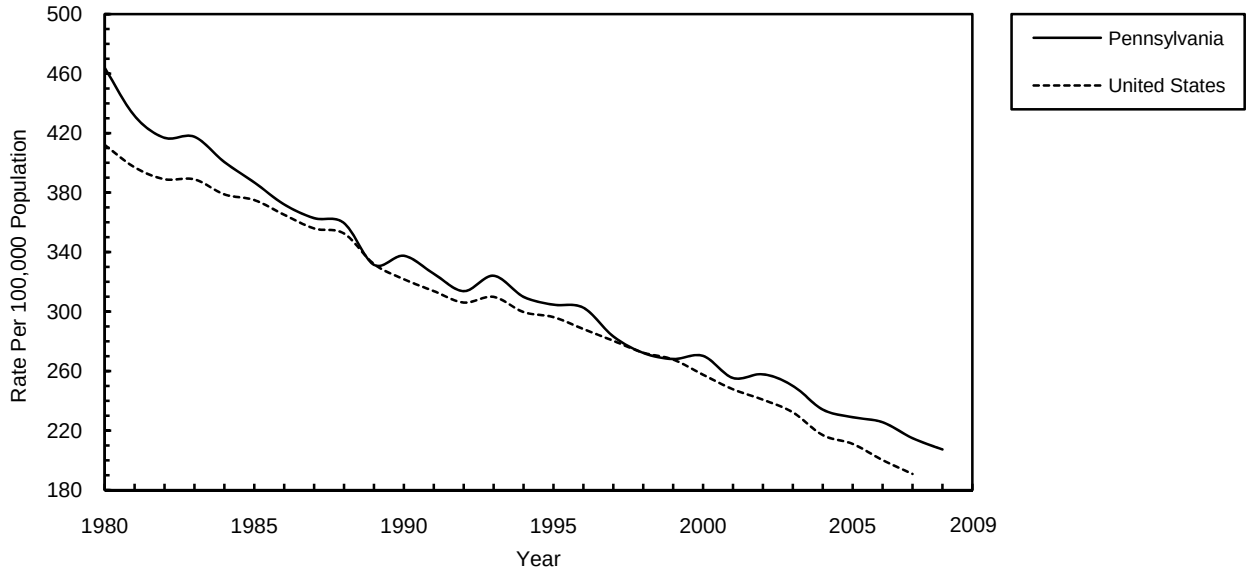


Table C-16B
Resident Diseases of Heart Deaths by Type and Sex
Number and Percent: Pennsylvania, 2008

Type of Diseases of Heart*	Total**	Male		Female	
		Number	Percent	Number	Percent
Total Diseases of Heart	33,179	15,883	100.0	17,296	100.0
Rheumatic Heart Disease	177	58	0.4	119	0.7
Hypertensive Heart Disease	960	427	2.7	533	3.1
Hypertensive Heart & Renal Disease	96	39	0.2	57	0.3
Acute Myocardial Infarction	7,138	3,727	23.5	3,411	19.7
Ischemic Excl. Myocardial Infarction	13,865	6,933	43.7	6,932	40.1
Other Heart Disease	10,943	4,699	29.6	6,244	36.1

* The following 10th revision ICD codes were used in this table:
Rheumatic Heart Disease = *I00-I09*
Hypertensive Heart Disease = *I11*
Hypertensive Heart and Renal Disease = *I13*
Acute Myocardial Infarction = *I21-I22*
Ischemic Excl. Myocardial Infarction = *I20,I24-I25*
Other Heart Disease = *I26-I51*
**Total includes any unknown sex.

Figure C-10
Resident Diseases of Heart Deaths
Percent by Type, Pennsylvania, 2008

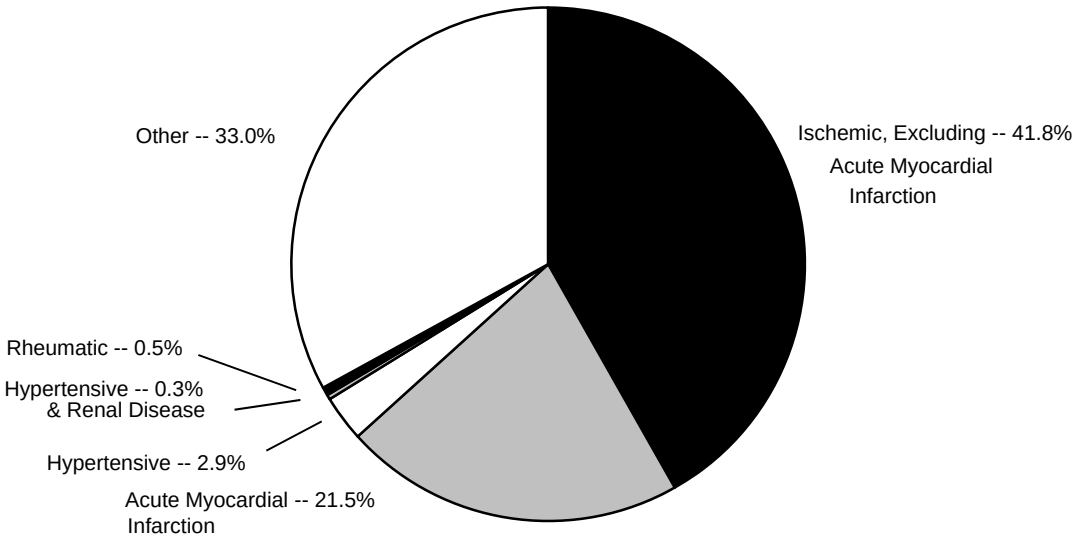


Table C-16C
Resident Diseases of Heart Deaths by Type and Race - Males
Number and Percent: Pennsylvania, 2008

Type of Diseases of Heart*	All Races	White		Black	
		Number	Percent	Number	Percent
Total Diseases of Heart	15,883	14,410	100.0	1,379	100.0
Rheumatic Heart Disease	58	53	0.4	4	ND
Hypertensive Heart Disease	427	296	2.1	121	8.8
Hypertensive Heart & Renal Disease	39	27	0.2	12	0.9
Acute Myocardial Infarction	3,727	3,483	24.2	225	16.3
Ischemic Excl. Myocardial Infarction	6,933	6,320	43.9	577	41.8
Other Heart Disease	4,699	4,231	29.4	440	31.9

* The following 10th revision ICD codes were used in this table:
Rheumatic Heart Disease = *I00-I09*
Hypertensive Heart Disease = *I11*
Hypertensive Heart and Renal Disease = *I13*
Acute Myocardial Infarction = *I21-I22*
Ischemic Excl. Myocardial Infarction = *I20,I24-I25*
Other Heart Disease = *I26-I51*

Note: Percents based on less than 10 events are considered statistically unreliable and are not displayed (ND).

Table C-16D
Resident Diseases of Heart Deaths by Type and Race - Females
Number and Percent: Pennsylvania, 2008

Type of Diseases of Heart*	All Races	White		Black	
		Number	Percent	Number	Percent
Total Diseases of Heart	17,296	15,770	100.0	1,459	100.0
Rheumatic Heart Disease	119	113	0.7	5	ND
Hypertensive Heart Disease	533	424	2.7	105	7.2
Hypertensive Heart & Renal Disease	57	51	0.3	6	ND
Acute Myocardial Infarction	3,411	3,130	19.8	265	18.2
Ischemic Excl. Myocardial Infarction	6,932	6,336	40.2	572	39.2
Other Heart Disease	6,244	5,716	36.2	506	34.7

* The following 10th revision ICD codes were used in this table:
Rheumatic Heart Disease = *I00-I09*
Hypertensive Heart Disease = *I11*
Hypertensive Heart and Renal Disease = *I13*
Acute Myocardial Infarction = *I21-I22*
Ischemic Excl. Myocardial Infarction = *I20,I24-I25*
Other Heart Disease = *I26-I51*

Note: Percents based on less than 10 events are considered statistically unreliable and are not displayed (ND).

Table C-17A

Malignant Neoplasm Deaths

Number of Deaths, Age-Adjusted Death Rates and 95% Confidence Intervals:

Pennsylvania and United States, 1970, 1975, 1980, 1985-2008

	Pennsylvania			United States		
Year	Number	Rate	CI (95%)	Number	Rate	CI (95%)
2008	28,699	187.9	185.8-190.1	NA	NA	NA
2007	28,756	192.2	190.0-194.4	562,875	178.4	177.9-178.9
2006	28,955	195.4	193.2-197.7	559,888	187.0	186.5-187.5
2005	29,355	195.0	192.8-197.2	559,312	183.8	183.3-184.3
2004	29,218	196.0	193.8-198.3	553,888	185.8	185.3-186.3
2003	29,601	199.8	197.5-202.1	556,902	190.1	189.6-190.6
2002	29,460	200.4	198.1-202.7	557,271	193.5	193.0-194.0
2001	29,853	202.9	200.6-205.2	553,768	196.0	195.5-196.5
2000	29,989	205.8	203.5-208.1	553,091	199.6	199.1-200.1
1999	30,136	208.8	206.4-211.2	549,838	202.7	202.2-203.2
1998	29,721	206.9	204.6-209.3	541,532	202.4	201.9-202.9
1997	30,066	211.1	208.7-213.5	539,577	205.7	205.2-206.3
1996	30,269	214.1	211.7-216.5	539,533	208.7	208.1-209.3
1995	30,023	213.8	211.4-216.2	538,455	211.7	211.1-212.3
1994	30,071	215.7	213.3-218.1	534,310	213.1	212.5-213.7
1993	30,103	219.4	216.9-221.9	529,904	214.6	214.0-215.2
1992	30,152	220.6	218.1-223.1	520,578	214.3	213.7-214.9
1991	29,736	221.2	218.7-223.7	514,657	215.8	215.2-216.4
1990	29,677	224.3	221.8-226.9	505,322	216.0	215.4-216.6
1989	29,064	221.5	219.0-224.1	496,152	214.2	213.6-214.8
1988	28,316	217.1	214.6-219.6	485,048	212.5	211.9-213.1
1987	28,767	222.5	219.9-225.1	476,927	211.7	211.1-212.3
1986	28,037	217.1	214.6-219.6	469,376	211.5	210.9-212.1
1985	27,901	218.8	216.2-221.4	461,563	211.3	210.7-211.9
1980	26,040	219.6	216.9-222.3	416,509	207.9	207.3-208.5
1975	23,547	210.4	207.7-213.1	365,693	200.1	199.5-200.8
1970	22,013	208.0	205.3-210.8	330,730	198.6	197.9-199.3

NA = Data not available

Notes: Age-adjusted rates are computed by the direct method using the 2000 U.S. standard million population.
Rates are per 100,000. Unknowns excluded from calculations for 2002 - 2008.
CI = 95% confidence interval based on a formula for estimating the standard error or SE. See Technical Notes.
Data for 1999-2008 based on ICD-10, 1980-1998 based on ICD-9, and 1970 and 1975 based on ICD-8 cause of death codes.

Figure C-11

Malignant Neoplasm Age-Adjusted Death Rates

Pennsylvania and United States, 1980-2008

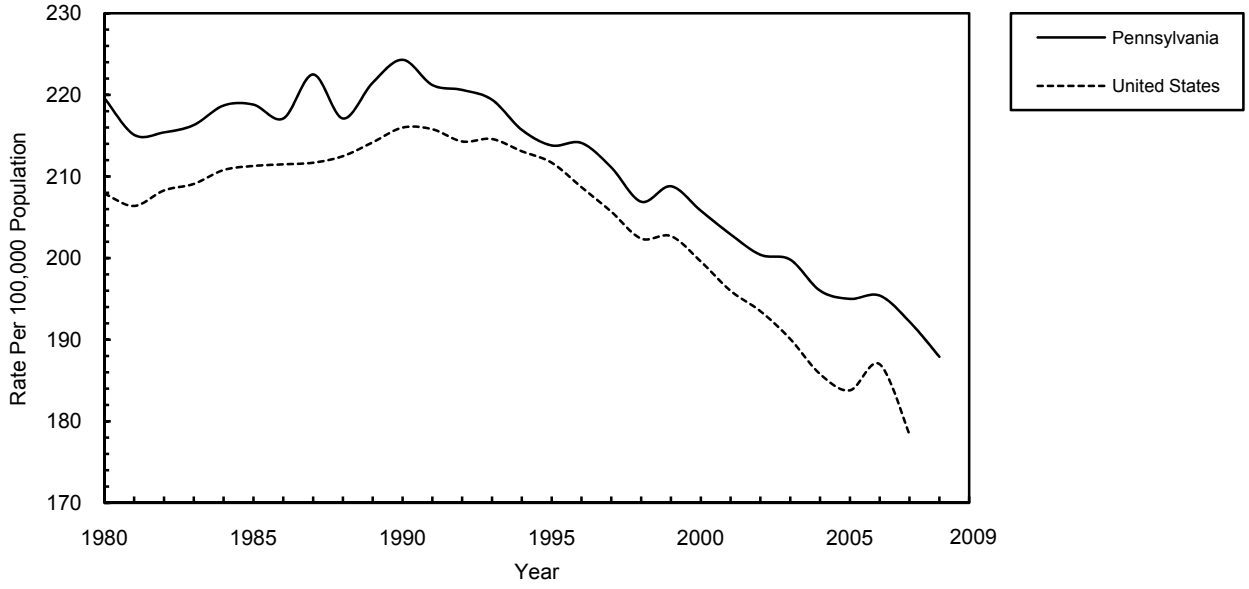


Table C-17B
Resident Malignant Neoplasm Deaths by Site and Age - Males
Pennsylvania, 2008

	Age at Death (In Years)										
Malignant Neoplasm Site*	All Ages**	Under 5	5 - 14	15 - 24	25 - 34	35 - 44	45 - 54	55 - 64	65 - 74	75 - 84	85+
Total Malignant Neoplasms	14,773	12	11	44	60	226	1,145	2,654	3,751	4,556	2,313
Bronchus and Lung	4,352	0	0	0	0	36	300	869	1,265	1,388	494
Prostate	1,451	0	0	0	0	0	13	106	271	546	515
Colon and Rectum	1,379	0	0	0	1	35	118	232	313	455	224
Pancreas	862	0	0	0	3	11	82	172	268	242	84
Esophagus	593	0	0	0	2	10	62	144	181	146	48
Non-Hodgkin's Lymphomas	586	0	2	6	10	11	45	84	126	198	104
Leukemias	682	5	3	13	17	12	42	89	161	236	104
All Other Sites	4,868	7	6	25	27	111	483	958	1,166	1,345	740

* The following 10th revision ICD codes were used in this table:
Bronchus and Lung = *C34*
Prostate = *C61*
Colon and Rectum = *C18-C20, C26.0*
Pancreas = *C25*
Leukemias = *C90.1, C91-C95*
Non-Hodgkin's Lymphomas = *C82-C85*
Esophagus = *C15*

**Includes any unknown ages.

Note: Some of the sites that appear above are different from the sites that appeared in reports prior to 2000. The above sites now match the primary site definitions used by the National Cancer Institute's SEER Program.

Figure C-12
Resident Malignant Neoplasm Deaths - Males
Percent by Site, Pennsylvania, 2008

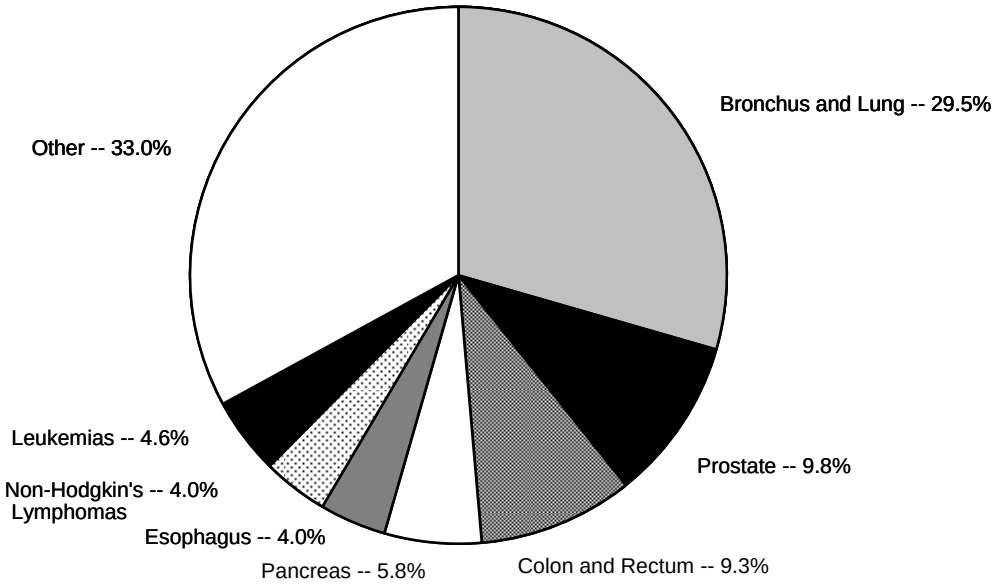


Table C-17C
Resident Malignant Neoplasm Deaths by Site and Age - Females
Pennsylvania, 2008

	Age at Death (In Years)										
Malignant Neoplasm Site*	All Ages**	Under 5	5 - 14	15 - 24	25 - 34	35 - 44	45 - 54	55 - 64	65 - 74	75 - 84	85+
Total Malignant Neoplasms	13,926	10	14	24	68	299	1,075	2,087	3,050	4,391	2,908
Bronchus and Lung	3,516	0	0	1	3	36	250	584	977	1,193	472
Breast	2,083	0	0	0	10	94	239	369	382	566	423
Colon and Rectum	1,404	0	0	0	4	23	98	152	251	475	401
Pancreas	906	0	0	0	3	8	44	132	200	312	207
Ovary	754	0	0	1	4	12	72	148	178	221	118
Leukemias	511	3	4	4	4	12	35	64	94	145	146
Non-Hodgkin's Lymphomas	518	0	1	1	4	7	24	57	84	206	134
All Other Sites	4,234	7	9	17	36	107	313	581	884	1,273	1,007

* The following 10th revision ICD codes were used in this table:
Bronchus and Lung = *C34*
Breast = *C50*
Colon and Rectum = *C18-C20, C26.0*
Pancreas = *C25*
Ovary = *C56*
Non-Hodgkin's Lymphomas = *C82-C85*
Leukemias = *C90.1, C91-C95*

**Includes any unknown ages.

Note: Some of the sites that appear above are different from the sites that appeared in reports prior to 2000. The above sites now match the primary site definitions used by the National Cancer Institute's SEER Program.

Figure C-13
Resident Malignant Neoplasm Deaths - Females
Percent by Site, Pennsylvania, 2008

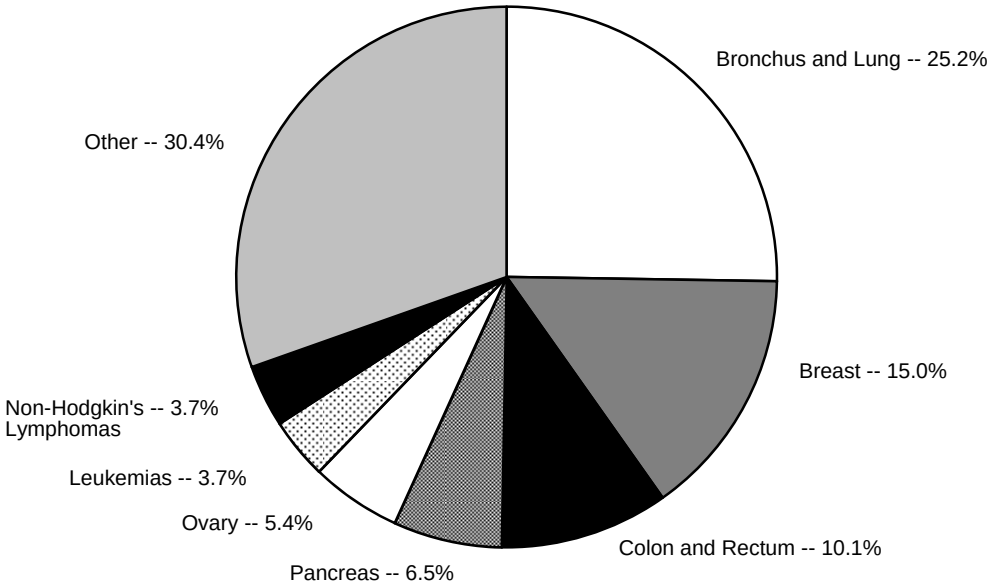


Table C-17D
Resident Malignant Neoplasm Deaths by Site and Race - Males
Number and Rate*: Pennsylvania, 2008

Malignant Neoplasm Site**	All Races	White		Black	
		Number	Rate	Number	Rate
Total Malignant Neoplasms	14,773	13,415	258.2	1,254	197.5
Bronchus and Lung	4,352	3,980	76.6	348	54.8
Prostate	1,451	1,266	24.4	179	28.2
Colon and Rectum	1,379	1,241	23.9	129	20.3
Pancreas	862	788	15.2	67	10.6
Esophagus	593	555	10.7	35	5.5
Non-Hodgkin's Lymphomas	586	549	10.6	34	5.4
Leukemias	682	642	12.4	35	5.5
All Other Sites	4,868	4,394	84.6	427	67.3

* Rate per 100,000 male population for each race.
** The following 10th revision ICD codes were used in this table:
Bronchus and Lung = *C34*
Prostate = *C61*
Colon and Rectum = *C18-C20, C26.0*
Pancreas = *C25*
Leukemias = *C90.1, C91-C95*
Non-Hodgkin's Lymphomas = *C82-C85*
Esophagus = *C15*

Note: Some of the sites that appear above are different from the sites that appeared in reports prior to 2000. The above sites now match the primary site definitions used by the National Cancer Institute's SEER Program.

Figure C-14
Resident Malignant Neoplasm Death Rates by Site and Race
Males, Pennsylvania, 2008

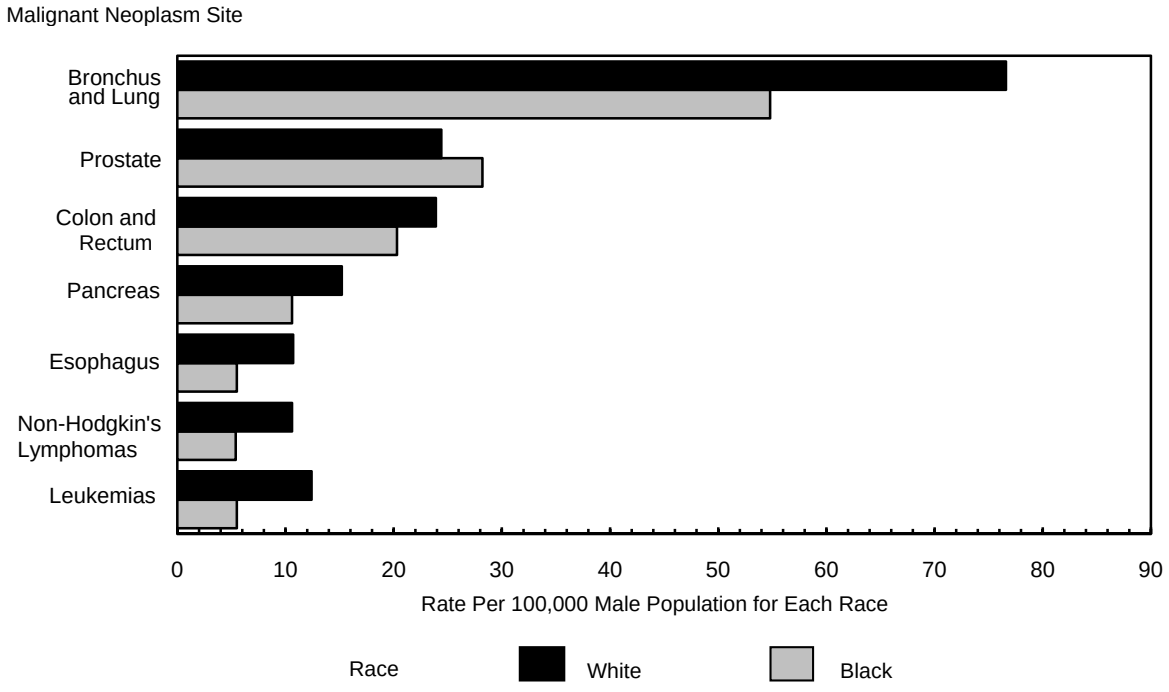


Table C-17E
Resident Malignant Neoplasm Deaths by Site and Race - Females
Number and Rate*: Pennsylvania, 2008

Malignant Neoplasm Site**	All Races	White		Black	
		Number	Rate	Number	Rate
Total Malignant Neoplasms	13,926	12,575	229.9	1,247	177.6
Bronchus and Lung	3,516	3,164	57.8	337	48.0
Breast	2,083	1,852	33.9	226	32.2
Colon and Rectum	1,404	1,279	23.4	109	15.5
Pancreas	906	816	14.9	87	12.4
Ovary	754	699	12.8	51	7.3
Leukemias	511	465	8.5	41	5.8
Non-Hodgkin's Lymphomas	518	486	8.9	27	3.8
All Other Sites	4,234	3,814	69.7	369	52.6

* Rate per 100,000 female population for each race.
** The following 10th revision ICD codes were used in this table:
Bronchus and Lung = *C34*
Breast = *C50*
Colon and Rectum = *C18-C20, C26.0*
Pancreas = *C25*
Ovary = *C56*
Non-Hodgkin's Lymphomas = *C82-C85*
Leukemias = *C90.1, C91-C95*

Note: Some of the sites that appear above are different from the sites that appeared in reports prior to 2000. The above sites now match the primary site definitions used by the National Cancer Institute's SEER Program.

Figure C-15
Resident Malignant Neoplasm Death Rates by Site and Race
Females, Pennsylvania, 2008

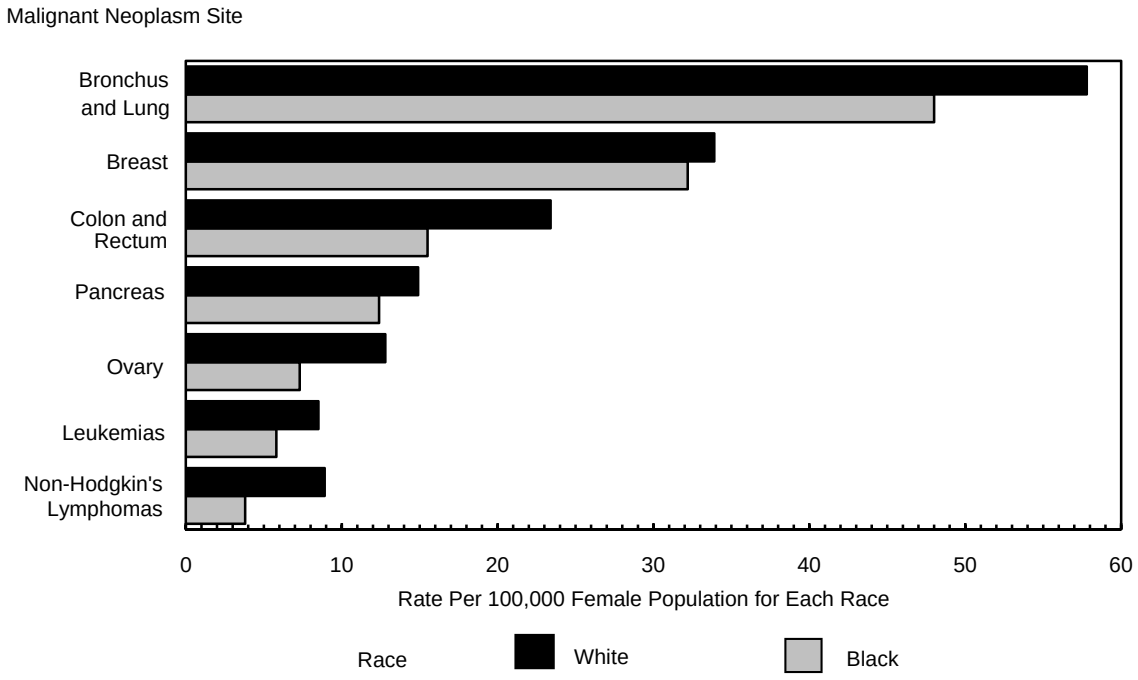


Table C-18A
Deaths Due to Accidents
Number of Deaths, Age-Adjusted Death Rates and 95% Confidence Intervals:
Pennsylvania and United States, 1970, 1975, 1980, 1985-2008

	Pennsylvania			United States		
Year	Number	Rate	CI (95%)	Number	Rate	CI (95%)
2008	5,669	42.0	40.9-43.1	NA	NA	NA
2007	5,458	41.2	40.1-42.3	123,706	40.0	39.8-40.2
2006	5,143	39.4	38.3-40.5	121,599	40.6	40.4-40.8
2005	5,314	39.9	38.8-41.0	117,809	39.1	38.9-39.3
2004	5,091	38.4	37.4-39.5	112,012	37.7	37.5-37.9
2003	4,921	37.5	36.5-38.6	109,277	37.3	37.1-37.5
2002	4,587	35.1	34.1-36.1	106,742	36.9	36.7-37.1
2001	4,524	34.1	33.1-35.1	101,537	35.7	35.5-35.9
2000	4,500	34.6	33.6-35.6	97,900	34.9	34.7-35.1
1999	4,505	34.5	33.5-35.5	97,860	35.9	35.7-36.1
1998	4,553	34.9	33.9-35.9	97,835	36.3	36.1-36.5
1997	4,743	36.8	35.8-37.9	95,644	36.0	35.8-36.2
1996	4,274	33.4	32.4-34.4	94,948	36.2	36.0-36.4
1995	4,180	33.0	32.0-34.0	93,320	36.0	35.8-36.2
1994	4,271	33.7	32.7-34.7	91,437	35.7	35.5-35.9
1993	4,132	33.1	32.1-34.1	90,523	35.7	35.5-35.9
1992	4,040	32.0	31.0-33.0	86,777	34.6	34.4-34.8
1991	3,979	31.9	30.9-32.9	89,347	36.0	35.8-36.2
1990	4,001	32.6	31.6-33.6	91,983	37.5	37.3-37.7
1989	4,365	34.5	33.5-35.5	95,028	39.0	38.8-39.3
1988	4,437	35.2	34.2-36.2	97,100	40.2	40.0-40.5
1987	4,464	35.7	34.7-36.8	95,020	39.6	39.4-39.9
1986	4,182	33.4	32.4-34.4	95,277	40.0	39.8-40.3
1985	4,113	33.2	32.2-34.2	93,457	39.9	39.6-40.2
1980	4,586	38.6	37.5-39.7	105,718	47.7	47.4-48.0
1975	4,702	40.9	39.7-42.1	103,030	50.8	50.5-51.1
1970	5,336	48.8	47.5-50.1	114,638	62.2	61.8-62.6

NA = Data not available
Notes: Age-adjusted rates are computed by the direct method using the 2000 U.S. standard million population.
Rates are per 100,000. Unknowns excluded from calculations for 2002 - 2008.
CI = 95% confidence interval based on a formula for estimating the standard error or SE. See Technical Notes.
Data for 1999-2008 based on ICD-10, 1980-1998 based on ICD-9, and 1970 and 1975 based on ICD-8 cause of death codes.

Figure C-16
Accident Age-Adjusted Death Rates
Pennsylvania and United States, 1980-2008

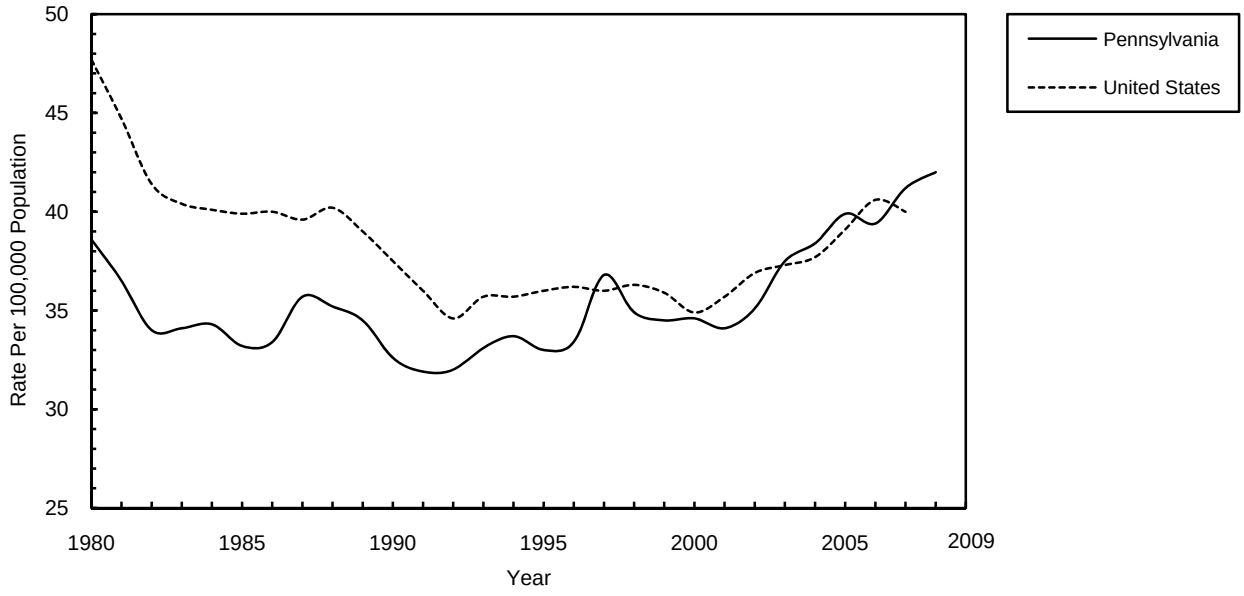


Table C-18B
Resident Deaths Due to Accidents by Type and Age
Pennsylvania, 2008

		Age at Death (In Years)									
Deaths by Type of Accident*	All Ages**	Under 5	5 - 14	15 - 24	25 - 34	35 - 44	45 - 54	55 - 64	65 - 74	75 - 84	85 +
Total Accidental Deaths	5,669	74	59	651	631	746	885	543	393	761	925
Motor Vehicle Accidents	1,530	12	20	367	240	214	199	169	107	140	62
Other Transport Accidents	70	0	1	14	7	11	15	12	4	4	2
Falls	1,266	2	2	13	12	31	63	97	134	400	512
Discharge of Firearms	30	1	1	3	5	6	7	3	1	3	0
Drowning and Submersion	81	14	8	13	7	7	15	5	6	2	4
Suffocation and Strangulation	342	18	6	10	12	20	15	33	37	73	118
Smoke, Fire and Flames	166	15	18	14	9	9	24	23	25	22	7
Poisoning by Noxious Substances	1,627	2	1	196	318	418	487	148	24	23	10
Other Nontransport Accidents	557	10	2	21	21	30	60	53	55	94	210

Table C-18C
Resident Deaths Due to Accidents by Type and Sex
Number and Percent: Pennsylvania, 2008

		Male		Female	
Deaths by Type of Accident*	Total***	Number	Percent	Number	Percent
Total Accidental Deaths	5,669	3,592	100.0	2,077	100.0
Motor Vehicle Accidents	1,530	1,113	31.0	417	20.1
Other Transport Accidents	70	57	1.6	13	0.6
Falls	1,266	641	17.8	625	30.1
Discharge of Firearms	30	25	0.7	5	ND
Drowning and Submersion	81	63	1.8	18	0.9
Suffocation and Strangulation	342	182	5.1	160	7.7
Smoke, Fire and Flames	166	91	2.5	75	3.6
Poisoning by Noxious Substances	1,627	1,096	30.5	531	25.6
Other Nontransport Accidents	557	324	9.0	233	11.2

* The following 10th revision ICD codes were used in the above tables:
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*
Other Transport Accidents = *V01,V05-V06,V09.1,V09.3-V09.9,V10-V11,V15-V18,V19.3,V19.8-V19.9,V80.0-V80.2, V80.6-V80.9,V81.2-V81.9,V82.2-V82.9,V87.9,V88.9,V89.1,V89.3,V89.9,V90-V99,Y85*
Falls = *W00-W19*
Discharge of Firearms = *W32-W34*
Drowning and Submersion = *W65-W74*
Suffocation and Strangulation = *W75-W84*
Smoke, Fire and Flames = *X00-X09*
Poisoning by Noxious Substances = *X40-X49*
Other Nontransport Accidents = *W20-W31,W35-W64,W85-W99,X10-X39,X50-X59,Y86*
** Includes any unknown ages.
***Total includes any unknown sex.
Note: Percents based on less than 10 events are considered statistically unreliable and are not displayed (ND).

Figure C-17
Resident Deaths Due to Accidents
Percent by Age Group, Pennsylvania, 2008

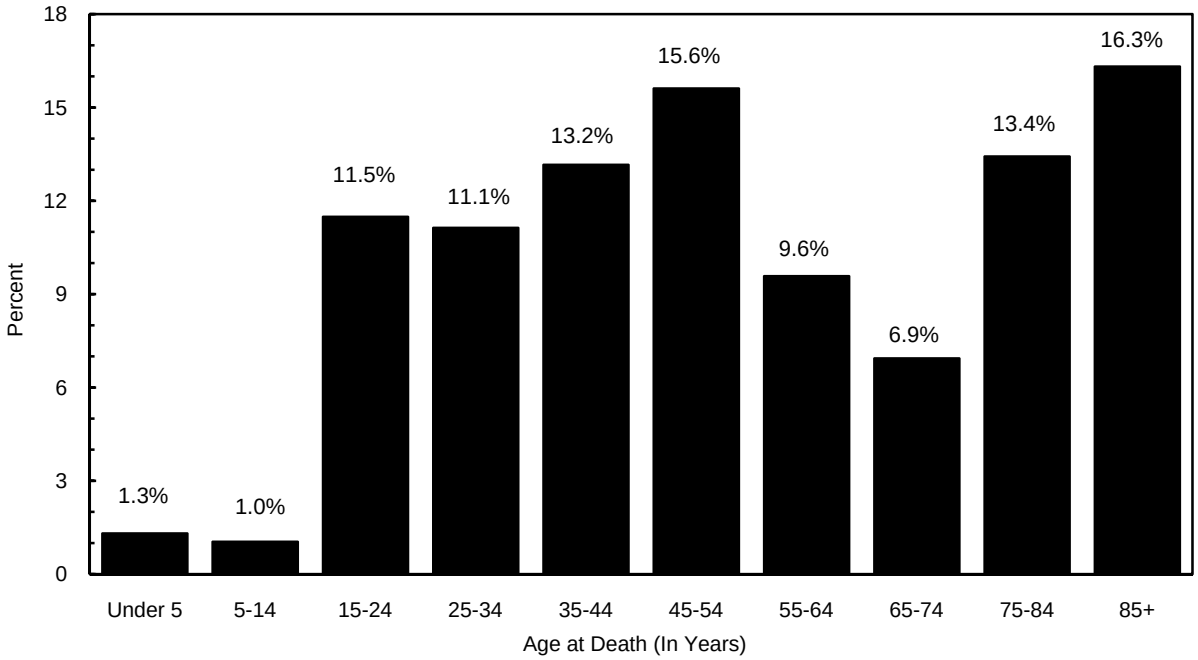


Figure C-18
Resident Deaths Due to Accidents
Percent by Type, Pennsylvania, 2008

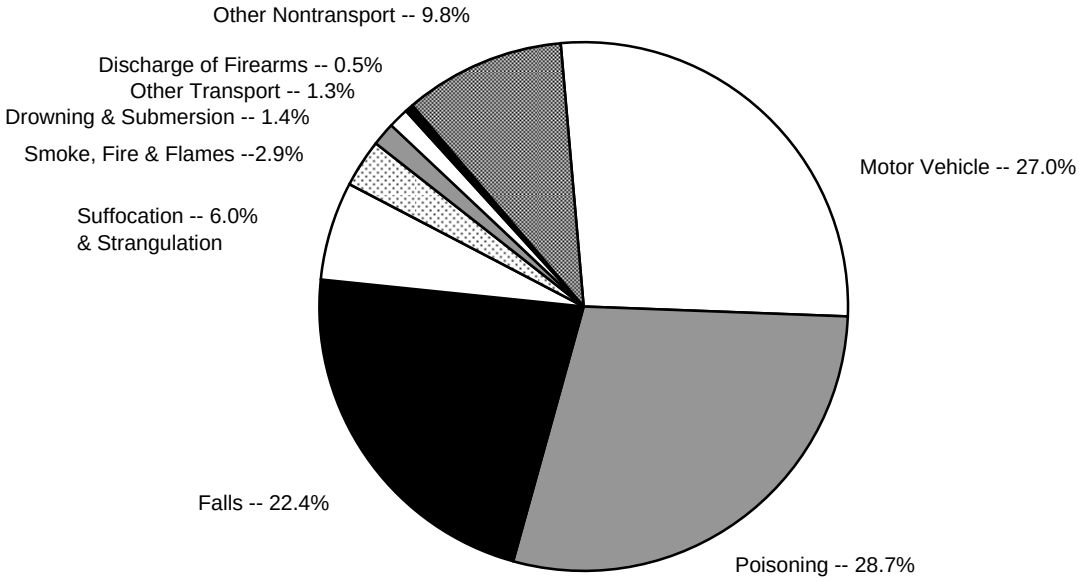


Table C-19

Cerebrovascular Disease Deaths

Number of Deaths, Age-Adjusted Death Rates and 95% Confidence Intervals:

Pennsylvania and United States, 1970, 1975, 1980, 1985-2008

	Pennsylvania			United States		
Year	Number	Rate	CI (95%)	Number	Rate	CI (95%)
2008	6,676	41.8	40.8-42.8	NA	NA	NA
2007	7,095	46.9	45.8-48.0	135,952	42.2	42.0-42.4
2006	7,093	47.9	46.8-49.0	137,119	45.8	45.6-46.0
2005	7,581	48.0	46.9-49.1	143,579	46.6	46.4-46.8
2004	7,731	49.9	48.8-51.0	150,074	50.0	49.8-50.3
2003	8,180	53.7	52.5-54.9	157,689	53.5	53.2-53.8
2002	8,442	56.5	55.3-57.7	162,672	56.2	55.9-56.5
2001	8,585	54.7	53.5-55.9	163,538	57.9	57.6-58.2
2000	8,885	58.7	57.5-59.9	167,661	60.9	60.6-61.2
1999	8,547	54.2	53.1-55.4	167,366	61.8	61.5-62.1
1998	8,208	53.3	52.2-54.5	158,448	59.6	59.3-59.9
1997	8,325	55.6	54.4-56.8	159,791	61.8	61.5-62.1
1996	8,582	59.8	58.5-61.1	159,942	63.2	62.9-63.5
1995	8,206	58.2	56.9-59.5	157,991	63.9	63.6-64.2
1994	8,380	59.4	58.1-60.7	153,306	63.3	63.0-63.6
1993	7,819	58.4	57.1-59.7	150,108	63.2	62.9-63.5
1992	7,657	56.1	54.8-57.4	143,769	62.1	61.8-62.4
1991	7,587	57.6	56.3-58.9	143,481	63.3	63.0-63.6
1990	7,678	60.8	59.4-62.2	144,088	65.5	65.2-65.8
1989	7,683	56.6	55.3-57.9	145,551	67.1	66.8-67.4
1988	8,036	60.3	59.0-61.6	150,517	70.8	70.4-71.2
1987	8,019	61.8	60.5-63.2	149,835	71.8	71.4-72.2
1986	7,961	62.1	60.7-63.5	149,643	73.3	72.9-73.7
1985	8,175	65.8	64.4-67.2	153,050	76.6	76.2-77.0
1980	9,539	90.8	89.0-92.6	170,225	96.4	95.9-96.9
1975	11,311	115.9	113.8-118.0	194,038	123.5	123.0-124.1
1970	12,573	143.0	140.5-145.5	207,166	147.7	147.1-148.3

NA = Data not available

Notes: Age-adjusted rates are computed by the direct method using the 2000 U.S. standard million population.
Rates are per 100,000. Unknowns excluded from calculations for 2002 - 2008.
CI = 95% confidence interval based on a formula for estimating the standard error or SE. See Technical Notes.
Data for 1999-2008 based on ICD-10, 1980-1998 based on ICD-9, and 1970 and 1975 based on ICD-8 cause of death codes.

Figure C-19

Cerebrovascular Disease Age-Adjusted Death Rates

Pennsylvania and United States, 1980-2008

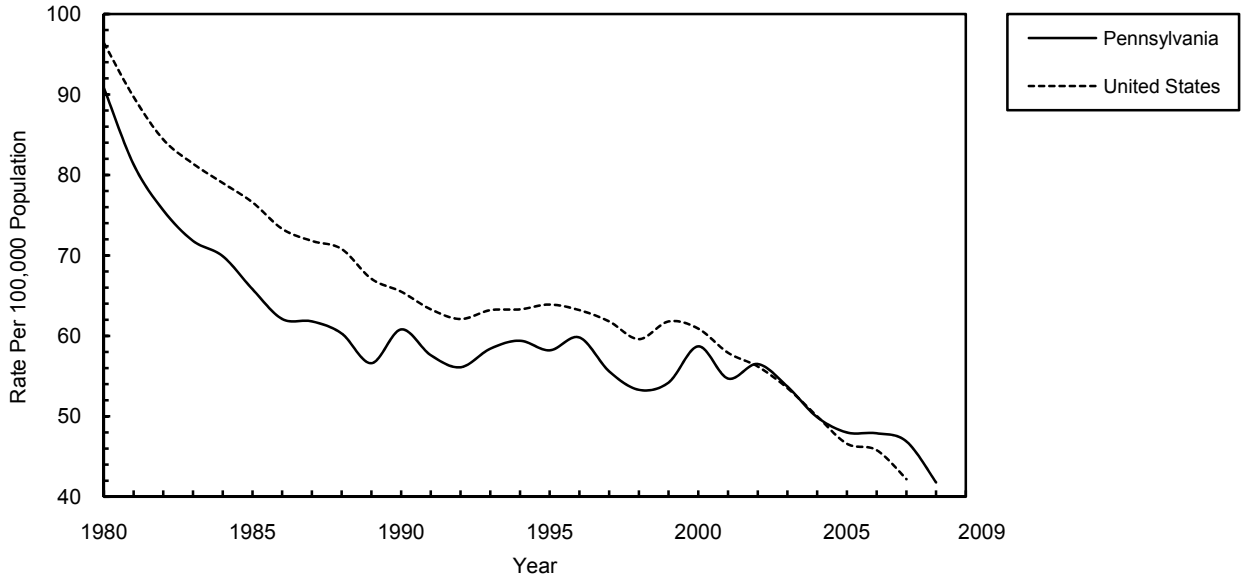


Table C-20

Influenza and Pneumonia Deaths

Number of Deaths, Age-Adjusted Death Rates and 95% Confidence Intervals:

Pennsylvania and United States, 1970, 1975, 1980, 1985-2008

	Pennsylvania			United States		
Year	Number	Rate	CI (95%)	Number	Rate	CI (95%)
2008	2,701	16.7	16.1-17.4	NA	NA	NA
2007	2,521	16.7	16.1-17.4	52,717	16.2	16.1-16.3
2006	2,694	18.2	17.5-18.9	56,326	18.8	18.6-19.0
2005	3,039	19.2	18.5-19.9	63,001	20.3	20.1-20.5
2004	2,915	18.7	18.0-19.4	59,664	19.8	19.6-20.0
2003	2,974	19.6	18.9-20.3	65,163	22.0	21.8-22.2
2002	2,786	18.7	18.0-19.4	65,681	22.6	22.4-22.8
2001	2,753	17.4	16.8-18.1	62,034	22.0	21.8-22.2
2000	3,047	20.2	19.5-20.9	65,313	23.7	23.5-23.9
1999	3,093	19.3	18.6-20.0	63,730	23.6	23.4-23.8
1998	4,512	28.9	28.1-29.7	91,871	34.6	34.4-34.8
1997	4,362	28.9	28.0-29.8	86,449	33.6	33.4-33.8
1996	4,347	30.4	29.5-31.3	83,727	33.2	33.0-33.4
1995	4,242	30.2	29.3-31.1	82,923	33.8	33.6-34.0
1994	4,212	29.9	29.0-30.8	81,473	33.9	33.7-34.1
1993	4,202	31.9	30.9-32.9	82,820	35.2	35.0-35.4
1992	4,022	29.6	28.7-30.5	75,719	33.1	32.9-33.3
1991	3,911	30.2	29.3-31.2	77,860	34.9	34.7-35.2
1990	3,876	31.5	30.5-32.5	79,513	36.8	36.5-37.1
1989	3,949	28.6	27.7-29.5	76,550	35.9	35.7-36.2
1988	3,990	29.6	28.7-30.5	77,662	37.3	37.0-37.6
1987	3,669	28.0	27.1-28.9	69,225	33.8	33.6-34.1
1986	3,622	28.3	27.4-29.2	69,812	34.8	34.5-35.1
1985	3,357	27.1	26.2-28.0	67,615	34.5	34.2-34.8
1980	2,869	27.9	26.9-28.9	54,619	31.4	31.1-31.7
1975	3,187	32.8	31.7-33.9	55,664	34.9	34.6-35.2
1970	3,466	38.2	36.9-39.5	62,739	41.7	41.4-42.0

NA = Data not available

Notes: Age-adjusted rates are computed by the direct method using the 2000 U.S. standard million population.
Rates are per 100,000. Unknowns excluded from calculations for 2002 - 2008.
CI = 95% confidence interval based on a formula for estimating the standard error or SE. See Technical Notes.
Data for 1999-2008 based on ICD-10, 1980-1998 based on ICD-9, and 1970 and 1975 based on ICD-8 cause of death codes.

Figure C-20

Influenza and Pneumonia Age-Adjusted Death Rates

Pennsylvania and United States, 1980-2008

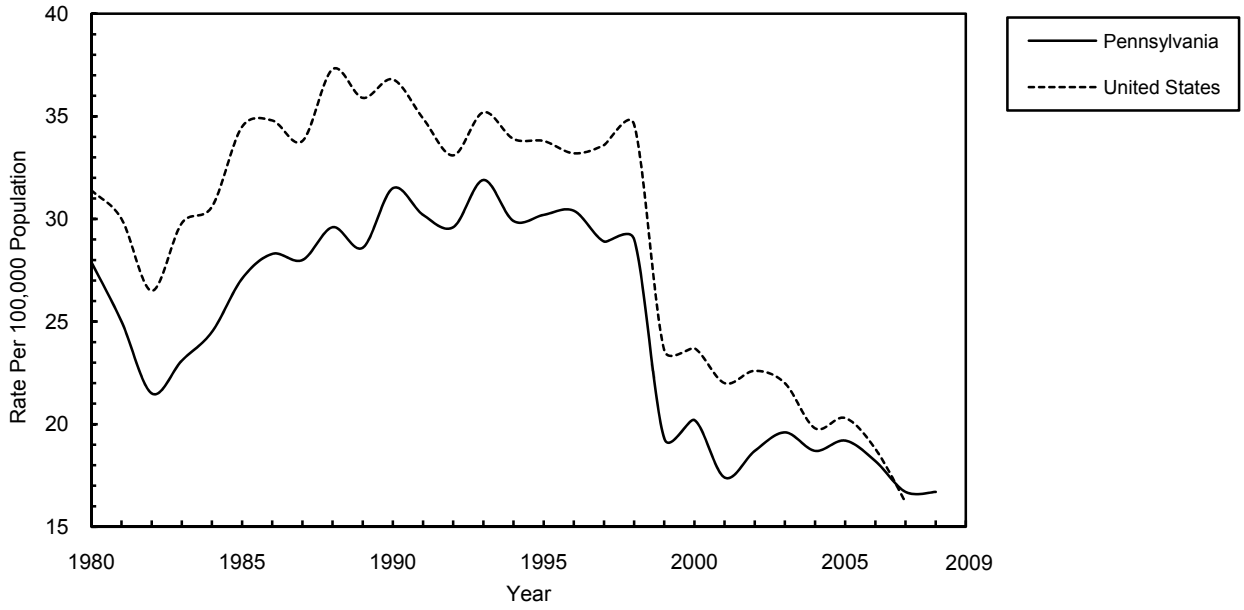


Table C-21A

Intentional Self-harm (Suicide) Deaths

Number of Deaths, Age-Adjusted Death Rates and 95% Confidence Intervals:

Pennsylvania and United States, 1970, 1975, 1980, 1985-2008

	Pennsylvania			United States		
Year	Number	Rate	CI (95%)	Number	Rate	CI (95%)
2008	1,522	11.9	11.3-12.5	NA	NA	NA
2007	1,416	11.1	10.5-11.7	34,598	11.3	11.2-11.4
2006	1,372	10.7	10.1-11.3	33,300	11.1	11.0-11.2
2005	1,404	11.0	10.4-11.6	32,637	10.9	10.8-11.0
2004	1,397	11.0	10.4-11.6	32,439	10.9	10.8-11.0
2003	1,330	10.5	9.9-11.1	31,484	10.8	10.7-10.9
2002	1,326	10.6	10.0-11.2	31,655	10.9	10.8-11.0
2001	1,266	10.1	9.5-10.7	30,622	10.7	10.6-10.8
2000	1,348	10.7	10.1-11.3	29,350	10.4	10.3-10.5
1999	1,272	10.4	9.8-11.0	29,199	10.7	10.6-10.8
1998	1,365	11.2	10.6-11.8	30,575	11.3	11.2-11.4
1997	1,401	11.5	10.9-12.1	30,535	11.4	11.3-11.5
1996	1,405	11.4	10.8-12.0	30,903	11.7	11.6-11.8
1995	1,450	11.8	11.2-12.4	31,284	12.0	11.9-12.1
1994	1,328	10.8	10.2-11.4	31,142	12.1	12.0-12.2
1993	1,400	11.4	10.8-12.0	31,102	12.2	12.1-12.3
1992	1,378	11.3	10.7-11.9	30,484	12.1	12.0-12.2
1991	1,387	11.3	10.7-11.9	30,810	12.3	12.2-12.4
1990	1,446	11.8	11.2-12.4	30,906	12.5	12.4-12.6
1989	1,439	11.7	11.1-12.3	30,232	12.3	12.2-12.4
1988	1,479	12.0	11.4-12.6	30,407	12.5	12.4-12.6
1987	1,489	12.1	11.5-12.7	30,796	12.8	12.7-12.9
1986	1,443	11.9	11.3-12.5	30,904	13.0	12.9-13.1
1985	1,432	11.8	11.2-12.4	29,453	12.5	12.4-12.6
1980	1,317	11.2	10.6-11.8	26,869	12.2	12.1-12.4
1975	1,377	12.1	11.5-12.7	27,063	13.6	13.4-13.8
1970	1,337	12.4	11.7-13.1	23,480	13.1	12.9-13.3

NA = Data not available

Notes: Age-adjusted rates are computed by the direct method using the 2000 U.S. standard million population.
Rates are per 100,000. Unknowns excluded from calculations for 2002 - 2008.
CI = 95% confidence interval based on a formula for estimating the standard error or SE. See Technical Notes.
Data for 1999-2008 based on ICD-10, 1980-1998 based on ICD-9, and 1970 and 1975 based on ICD-8 cause of death codes.

Figure C-21

Intentional Self-harm (Suicide) Age-Adjusted Death Rates

Pennsylvania and United States, 1980-2008

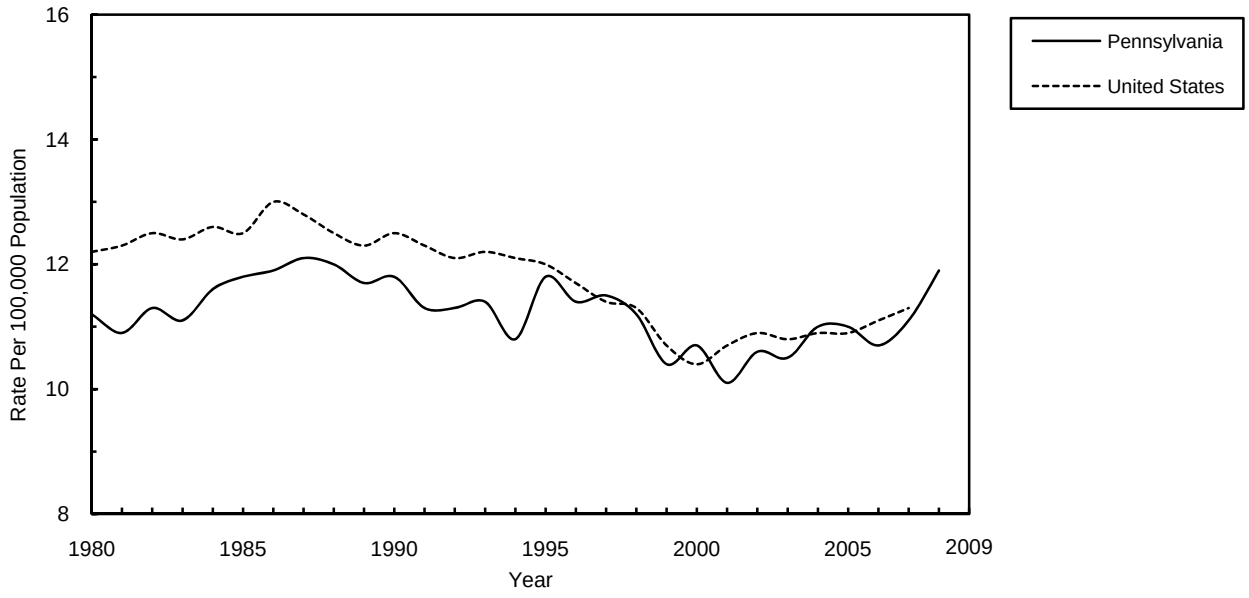


Table C-21B
Resident Intentional Self-harm (Suicide) Deaths
by Age, Race, and Sex, Pennsylvania, 2008

Age Group	All Races			White			Black		
(In Years)	Total*	Male	Female	Total*	Male	Female	Total*	Male	Female
All Ages**	1,522	1,249	273	1,428	1,170	258	81	69	12
Under 15	5	5	0	4	4	0	1	1	0
15 - 24	163	133	30	143	118	25	17	14	3
25 - 34	229	181	48	204	164	40	22	15	7
35 - 44	285	243	42	267	226	41	16	15	1
45 - 54	380	307	73	363	290	73	14	14	0
55 - 64	215	176	39	210	171	39	4	4	0
65 - 74	126	103	23	121	99	22	5	4	1
75+	119	101	18	116	98	18	2	2	0

* Total includes any unknown sex.
**Includes any unknown ages.

Figure C-22
Resident Intentional Self-harm (Suicide) Deaths
Percent by Age Group, Pennsylvania, 2008

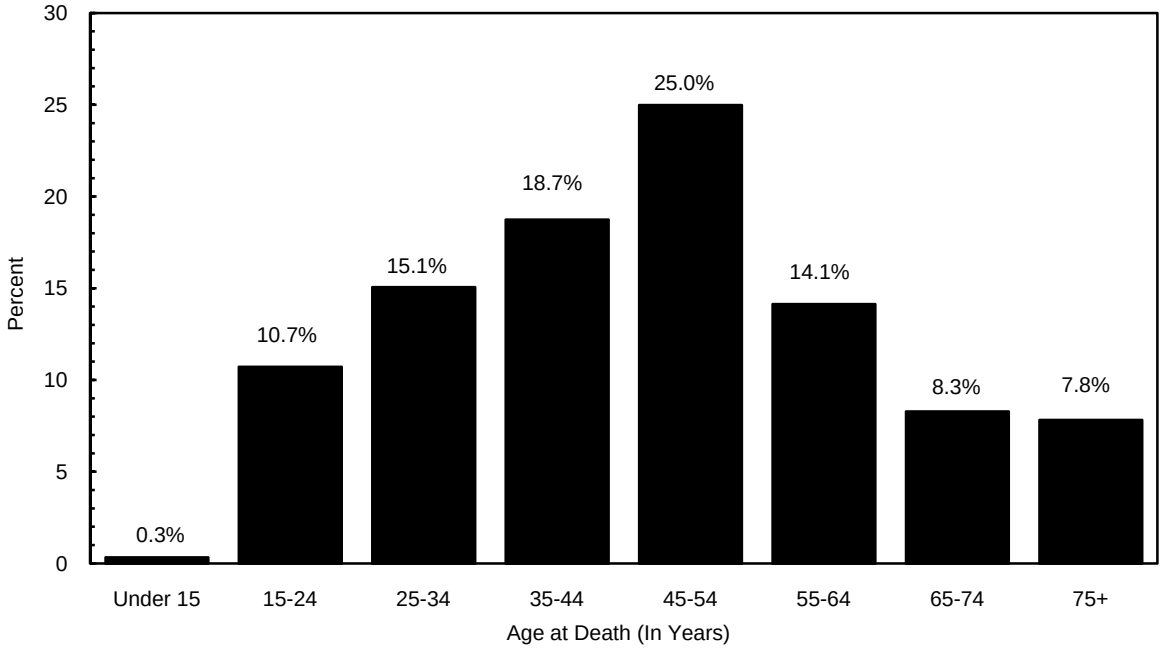


Table C-22A
Deaths Due to HIV Disease, Number and Rate*:
Pennsylvania and United States, 1987-2008

	Pennsylvania		United States	
Year	Number	Rate	Number	Rate
2008	304	2.4	NA	NA
2007	371	3.0	11,295	3.7
2006	360	2.9	12,113	4.0
2005	358	2.8	12,543	4.2
2004	458	3.7	13,063	4.5
2003	463	3.7	13,658	4.7
2002	496	4.0	14,095	4.9
2001	495	4.0	14,175	5.0
2000	498	4.1	14,478	5.1
1999	493	4.1	14,802	5.4
1998	479	4.0	13,426	5.0
1997	567	4.7	16,516	6.2
1996	1,057	8.8	31,130	11.7
1995	1,372	11.4	43,115	16.4
1994	1,281	10.6	42,114	16.2
1993	1,088	9.0	37,267	14.5
1992	980	8.2	33,566	13.2
1991	853	7.1	29,555	11.7
1990	750	6.3	25,188	10.1
1989	651	5.4	22,082	8.9
1988	466	3.9	16,602	6.8
1987	365	3.1	13,468	5.5

* Rate per 100,000 population.
NA = Data not available
Note: Data for 1999-2008 based on ICD-10 and 1987-1998 based on ICD-9 cause of death codes.

Figure C-23
HIV Disease Death Rates
Pennsylvania and United States, 1987-2008

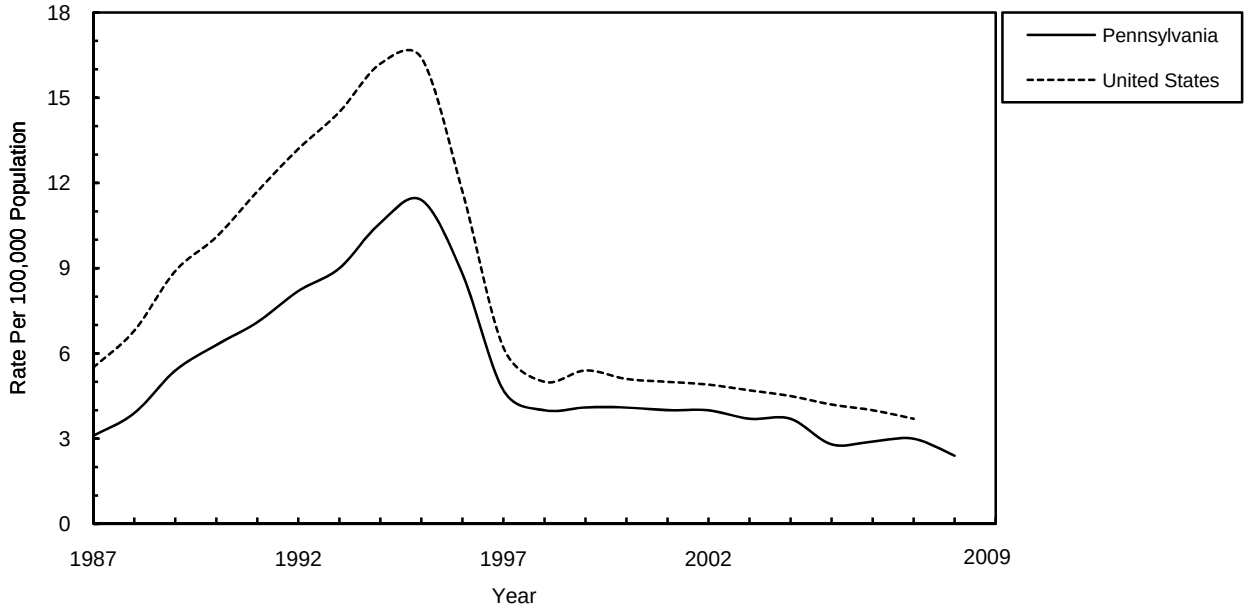


Table C-22B
Resident Deaths Due to HIV Disease
by Age, Race, Hispanic Origin, and Sex, Pennsylvania, 2008

Age Group	All Races			White			Black			Hispanic Origin		
(In Years)	Total*	Male	Female	Total*	Male	Female	Total*	Male	Female	Total*	Male	Female
All Ages**	304	216	88	103	81	22	198	133	65	16	10	6
Under 15	0	0	0	0	0	0	0	0	0	0	0	0
15 - 24	1	1	0	0	0	0	1	1	0	0	0	0
25 - 29	4	2	2	0	0	0	4	2	2	0	0	0
30 - 34	6	4	2	2	1	1	4	3	1	0	0	0
35 - 39	31	19	12	11	8	3	20	11	9	2	1	1
40 - 44	38	26	12	12	10	2	25	15	10	3	3	0
45 - 54	132	90	42	48	36	12	84	54	30	8	5	3
55 - 64	73	59	14	23	19	4	48	39	9	3	1	2
65 - 74	14	10	4	4	4	0	10	6	4	0	0	0
75+	5	5	0	3	3	0	2	2	0	0	0	0

* Total includes any unknown sex.
**Includes any unknown ages.
Note: Hispanic origin can be of any race.

Figure C-24
Resident Deaths Due to HIV Disease
Percent by Age Group, Pennsylvania, 2008

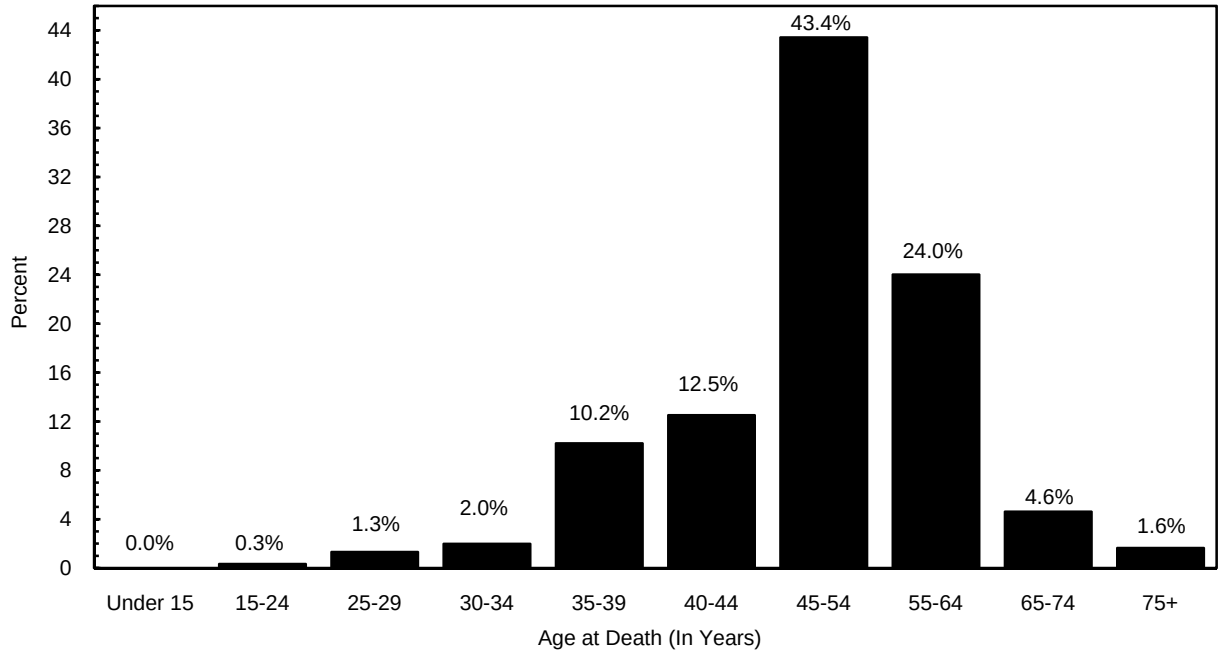


Table C-23A

Assault (Homicide) Deaths

Number of Deaths, Age-Adjusted Death Rates and 95% Confidence Intervals:

Pennsylvania and United States, 1970, 1975, 1980, 1985-2008

	Pennsylvania			United States		
Year	Number	Rate	CI (95%)	Number	Rate	CI (95%)
2008	692	5.7	5.3-6.2	NA	NA	NA
2007	737	6.1	5.7-6.5	18,361	6.1	6.0-6.2
2006	759	6.3	5.9-6.8	18,573	6.2	6.1-6.3
2005	741	6.2	5.8-6.7	18,124	6.1	6.0-6.2
2004	679	5.5	5.1-5.9	17,357	5.9	5.8-6.0
2003	666	5.6	5.2-6.0	17,732	6.0	5.9-6.1
2002	629	5.3	4.9-5.7	17,638	6.1	6.0-6.2
2001	671	5.6	5.2-6.0	20,308	7.1	7.0-7.2
2000	649	5.5	5.1-5.9	16,765	5.9	5.8-6.0
1999	634	5.4	5.0-5.8	16,889	6.2	6.1-6.3
1998	634	5.4	5.0-5.8	18,272	6.7	6.6-6.8
1997	787	6.6	6.1-7.1	19,846	7.3	7.2-7.4
1996	705	5.9	5.5-6.3	20,971	7.8	7.7-7.9
1995	781	6.5	6.0-7.0	22,895	8.6	8.5-8.7
1994	750	6.2	5.8-6.6	24,926	9.4	9.3-9.5
1993	847	7.0	6.5-7.5	26,009	9.8	9.7-9.9
1992	767	6.3	5.9-6.8	25,488	9.6	9.5-9.7
1991	770	6.3	5.9-6.7	26,513	10.1	10.0-10.2
1990	824	6.8	6.3-7.3	24,932	9.5	9.4-9.6
1989	782	6.3	5.9-6.7	22,909	8.8	8.7-8.9
1988	666	5.4	5.0-5.8	22,032	8.5	8.4-8.6
1987	644	5.2	4.8-5.6	21,103	8.3	8.2-8.4
1986	658	5.4	5.0-5.8	21,731	8.6	8.5-8.7
1985	588	4.9	4.5-5.3	19,893	8.0	7.9-8.1
1980	827	6.8	6.3-7.3	24,278	10.5	10.4-10.6
1975	843	7.4	6.9-7.9	21,310	10.2	10.1-10.3
1970	657	5.8	5.4-6.2	16,848	9.0	8.9-9.1

NA = Data not available

Notes: Prior to 1999, numbers include deaths due to legal intervention.

Age-adjusted rates are computed by the direct method using the 2000 U.S. standard million population.

Rates are per 100,000. Unknowns excluded from calculations for 2002-2008.

CI = 95% confidence interval based on a formula for estimating the standard error or SE. See Technical Notes.

Data for 1999-2008 based on ICD-10, 1980-1998 based on ICD-9, and 1970 and 1975 based on ICD-8 cause of death codes.

Figure C-25

Assault (Homicide) Age-Adjusted Death Rates

Pennsylvania and United States, 1980-2008

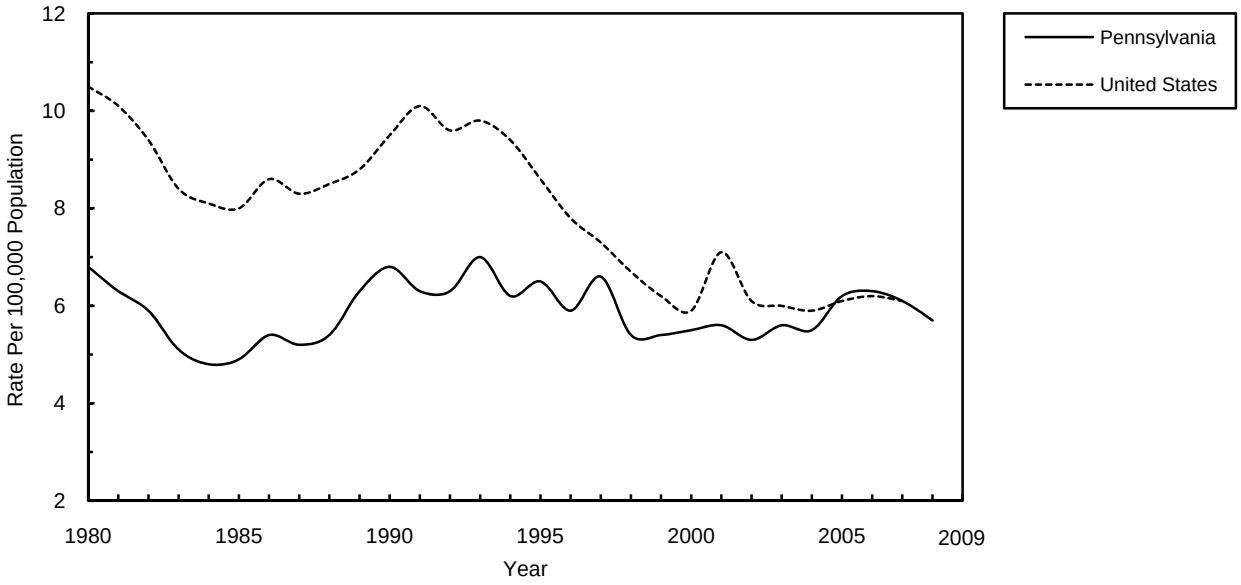


Table C-23B
Resident Assault (Homicide) Deaths
by Age, Race, Hispanic Origin, and Sex, Pennsylvania, 2008

Age Group	All Races			White			Black			Hispanic Origin		
(In Years)	Total*	Male	Female	Total*	Male	Female	Total*	Male	Female	Total*	Male	Female
All Ages**	692	570	122	236	157	79	442	400	42	54	44	10
Under 15	30	20	10	15	10	5	13	9	4	2	0	2
15 - 24	228	202	26	38	27	11	184	169	15	11	9	2
25 - 34	178	163	15	39	29	10	138	133	5	13	12	1
35 - 44	118	94	24	51	34	17	65	58	7	15	13	2
45 - 54	72	50	22	46	30	16	25	19	6	10	8	2
55 - 64	33	22	11	20	13	7	11	7	4	2	1	1
65 - 74	14	11	3	9	7	2	5	4	1	0	0	0
75+	19	8	11	18	7	11	1	1	0	1	1	0

* Total includes any unknown sex.
**Includes any unknown ages.
Note: Hispanic origin can be of any race.

Figure C-26
Resident Assault (Homicide) Deaths
Percent by Age Group, Pennsylvania, 2008

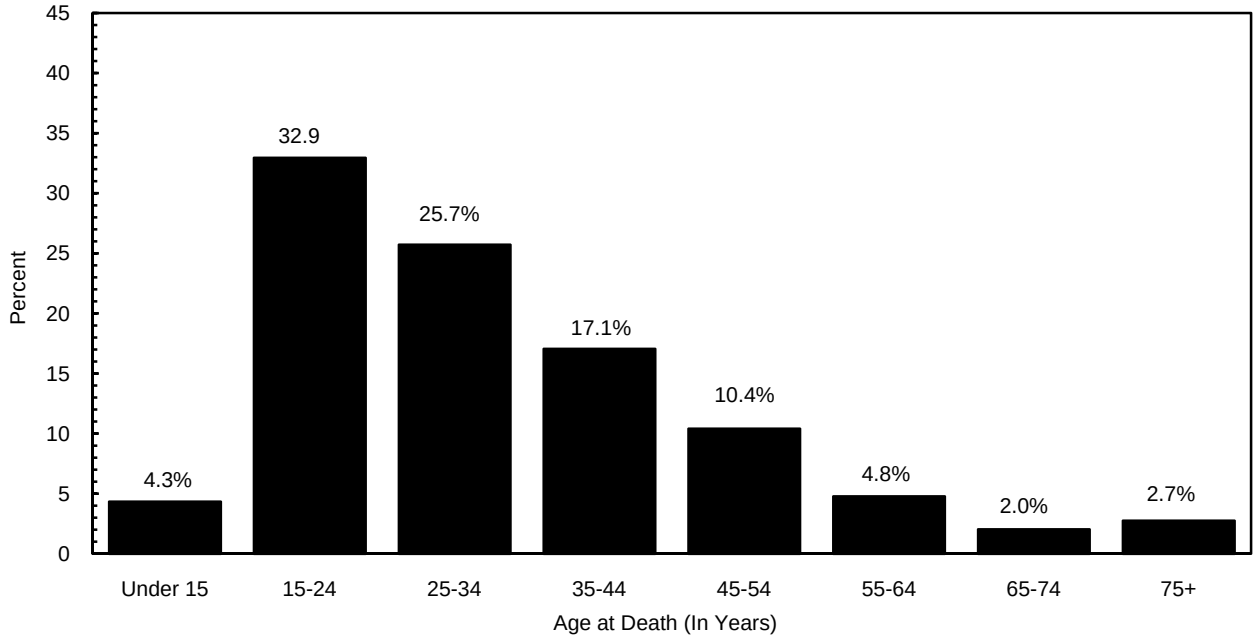


Table C-24
Resident Live Births, All Deaths, Infant, and Neonatal Deaths by County, Number and Rate*: Pennsylvania, 2008

	Live Births		All Deaths		Infant Deaths		Neonatal Deaths	
County	Number	Rate	Number	Rate	Number	Rate	Number	Rate
All Counties	148,934	12.0	126,332	10.1	1,090	7.3	779	5.2
Adams	1,061	10.5	884	8.7	7	ND	5	ND
Allegheny	13,276	10.9	14,105	11.6	110	8.3	81	6.1
Armstrong	705	10.2	824	12.0	4	ND	3	ND
Beaver	1,796	10.4	2,149	12.5	10	5.6	7	ND
Bedford	521	10.5	523	10.5	5	ND	4	ND
Berks	5,131	12.7	3,543	8.8	36	7.0	28	5.5
Blair	1,441	11.5	1,549	12.4	7	ND	3	ND
Bradford	681	11.1	698	11.4	5	ND	3	ND
Bucks	6,592	10.6	4,964	8.0	29	4.4	20	3.0
Butler	1,999	10.9	1,785	9.8	10	5.0	7	ND
Cambria	1,451	10.1	1,799	12.5	10	6.9	6	ND
Cameron	58	11.0	62	11.8	0	ND	0	ND
Carbon	686	10.8	712	11.2	5	ND	4	ND
Centre	1,223	8.4	935	6.5	11	9.0	10	8.2
Chester	6,088	12.4	3,527	7.2	25	4.1	17	2.8
Clarion	418	10.5	443	11.1	2	ND	2	ND
Clearfield	800	9.7	961	11.6	7	ND	4	ND
Clinton	424	11.4	444	12.0	3	ND	2	ND
Columbia	615	9.5	735	11.3	2	ND	1	ND
Crawford	954	10.8	995	11.3	6	ND	3	ND
Cumberland	2,486	10.8	2,169	9.5	14	5.6	9	ND
Dauphin	3,565	13.9	2,500	9.7	35	9.8	30	8.4
Delaware	7,047	12.7	5,428	9.8	52	7.4	42	6.0
Elk	308	9.5	355	11.0	2	ND	2	ND
Erie	3,394	12.2	2,786	10.0	35	10.3	24	7.1
Fayette	1,350	9.4	1,875	13.0	15	11.1	7	ND
Forest	32	4.7	89	13.0	0	ND	0	ND
Franklin	2,029	14.1	1,289	9.0	12	5.9	7	ND
Fulton	190	12.7	136	9.1	0	ND	0	ND
Greene	388	9.9	418	10.6	6	ND	5	ND
Huntingdon	494	10.8	476	10.5	1	ND	0	ND
Indiana	883	10.1	853	9.8	9	ND	7	ND
Jefferson	514	11.4	567	12.6	6	ND	4	ND
Juniata	278	12.0	236	10.2	1	ND	1	ND
Lackawanna	2,315	11.1	2,806	13.4	19	8.2	15	6.5
Lancaster	7,229	14.4	4,634	9.2	46	6.4	32	4.4
Lawrence	923	10.2	1,105	12.2	6	ND	5	ND
Lebanon	1,651	12.8	1,339	10.4	20	12.1	14	8.5
Lehigh	4,307	12.7	3,029	8.9	35	8.1	28	6.5
Luzerne	3,191	10.2	4,107	13.2	22	6.9	12	3.8
Lycoming	1,278	11.0	1,216	10.4	5	ND	4	ND
McKean	469	10.8	490	11.3	3	ND	2	ND
Mercer	1,161	10.0	1,422	12.2	6	ND	6	ND
Mifflin	615	13.4	540	11.7	6	ND	6	ND
Monroe	1,617	9.8	1,208	7.3	9	ND	7	ND
Montgomery	9,529	12.2	6,901	8.9	49	5.1	38	4.0
Montour	202	11.4	232	13.1	2	ND	1	ND
Northampton	3,195	10.8	2,689	9.1	14	4.4	9	ND
Northumberland	1,060	11.6	1,205	13.2	2	ND	2	ND
Perry	539	11.9	419	9.3	6	ND	5	ND
Philadelphia	23,689	16.4	14,451	10.0	255	10.8	177	7.5
Pike	461	7.7	388	6.5	1	ND	1	ND
Potter	200	12.0	193	11.5	1	ND	0	ND
Schuylkill	1,559	10.6	1,932	13.1	8	ND	3	ND
Snyder	444	11.7	355	9.3	3	ND	3	ND
Somerset	697	9.0	903	11.7	4	ND	2	ND
Sullivan	53	8.7	101	16.5	2	ND	0	ND
Susquehanna	406	9.9	507	12.4	3	ND	2	ND
Tioga	430	10.6	441	10.9	1	ND	1	ND
Union	371	8.5	373	8.5	3	ND	2	ND
Venango	605	11.1	655	12.0	2	ND	1	ND
Warren	406	10.0	504	12.4	4	ND	4	ND
Washington	2,042	9.9	2,495	12.1	13	6.4	10	4.9
Wayne	437	8.4	599	11.5	2	ND	0	ND
Westmoreland	3,363	9.3	4,365	12.1	21	6.2	14	4.2
Wyoming	340	12.2	290	10.4	0	ND	0	ND
York	5,272	12.4	3,624	8.5	35	6.6	25	4.7

*Birth and total death crude rates per 1,000 population, 2008. Infant and neonatal death rates per 1,000 live births.
NOTE: Rates based on less than 10 events are considered statistically unreliable and are not displayed (ND).

Table C-25
Resident Deaths, Infant, and Neonatal Deaths by County
Number and Average Annual Rate*: Pennsylvania, 2004-2008

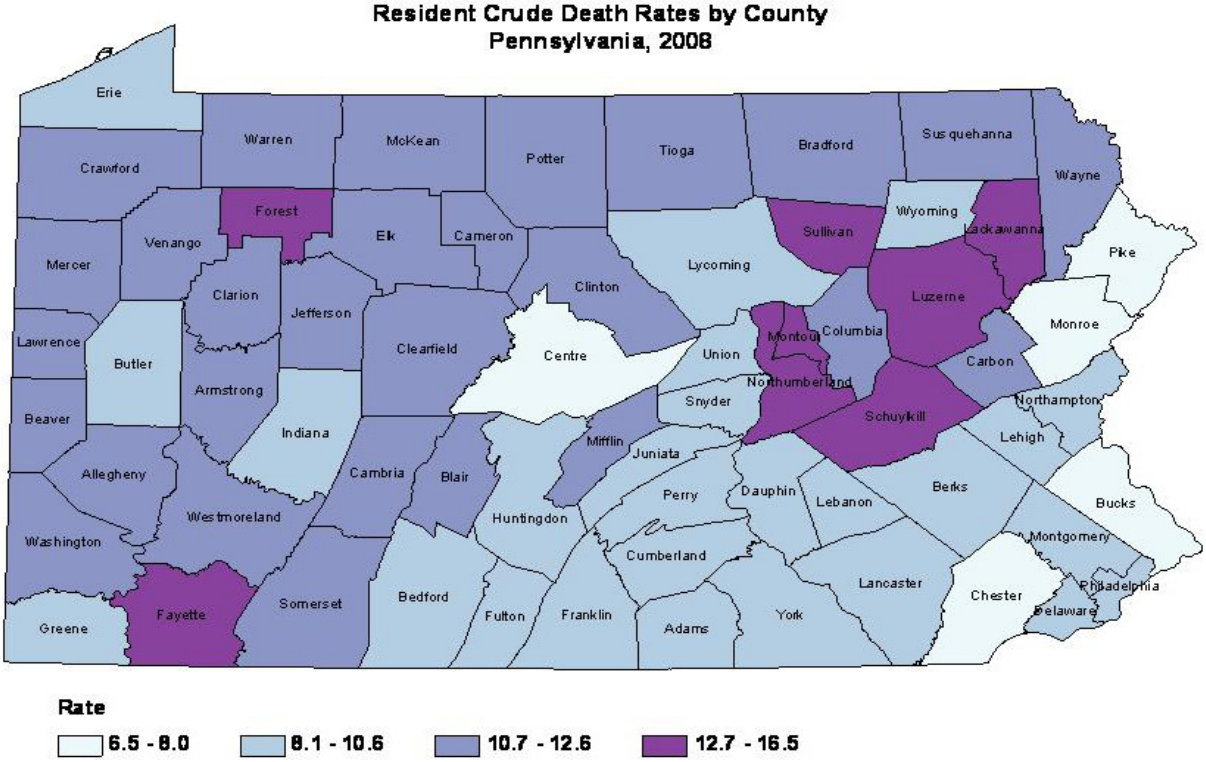
	All Deaths 2004-2008		Infant Deaths 2004-2008		Neonatal Deaths 2004-2008	
County	Number	Rate	Number	Rate	Number	Rate
All Counties	629,808	10.1	5,408	7.3	3,758	5.1
Adams	4,437	8.9	52	9.4	36	6.5
Allegheny	71,323	11.6	502	7.6	374	5.7
Armstrong	4,161	11.9	19	5.3	10	2.8
Beaver	10,512	12.0	49	5.5	33	3.7
Bedford	2,474	9.9	13	5.1	7	ND
Berks	17,591	8.8	168	6.6	126	4.9
Blair	7,763	12.3	43	5.9	26	3.6
Bradford	3,307	10.7	31	8.3	18	4.8
Bucks	25,087	8.1	158	4.6	116	3.4
Butler	8,902	9.8	57	5.7	38	3.8
Cambria	9,240	12.6	45	6.0	30	4.0
Cameron	344	12.6	2	ND	2	ND
Carbon	3,805	12.2	22	6.8	12	3.7
Centre	4,399	6.2	41	6.4	29	4.5
Chester	17,021	7.1	180	5.9	122	4.0
Clarion	2,121	10.5	11	5.4	7	ND
Clearfield	4,666	11.3	37	9.2	21	5.2
Clinton	2,060	11.1	11	5.1	7	ND
Columbia	3,413	10.5	9	ND	3	ND
Crawford	4,769	10.7	33	6.4	17	3.3
Cumberland	10,490	9.3	82	6.8	52	4.3
Dauphin	12,019	9.4	135	7.9	103	6.0
Delaware	27,545	9.9	259	7.5	188	5.4
Elk	1,775	10.7	11	7.1	10	6.5
Erie	13,500	9.6	139	8.2	89	5.3
Fayette	8,890	12.2	57	8.1	34	4.8
Forest	393	12.7	1	ND	1	ND
Franklin	6,496	9.3	55	5.8	30	3.1
Fulton	658	8.9	7	ND	6	ND
Greene	2,008	10.1	19	9.2	9	ND
Huntingdon	2,248	9.8	8	ND	5	ND
Indiana	4,296	9.7	27	6.2	23	5.3
Jefferson	2,696	11.8	21	8.4	15	6.0
Juniata	1,099	9.4	8	ND	4	ND
Lackawanna	13,698	13.1	72	6.3	49	4.3
Lancaster	22,193	9.0	262	7.4	185	5.2
Lawrence	5,505	12.0	37	8.0	23	5.0
Lebanon	6,719	10.6	62	7.7	40	4.9
Lehigh	15,387	9.2	145	6.8	110	5.1
Luzerne	20,665	13.2	111	7.0	79	5.0
Lycoming	6,209	10.6	34	5.1	22	3.3
McKean	2,597	11.8	20	8.4	11	4.6
Mercer	6,934	11.7	37	6.3	24	4.1
Mifflin	2,625	11.3	23	7.7	15	5.0
Monroe	5,933	7.3	48	6.0	30	3.8
Montgomery	35,227	9.1	264	5.6	203	4.3
Montour	1,165	13.0	11	10.3	6	ND
Northampton	13,084	9.0	89	5.6	70	4.4
Northumberland	5,904	12.9	26	5.2	18	3.6
Perry	2,001	8.9	14	5.1	11	4.0
Philadelphia	75,951	10.4	1,317	11.6	907	8.0
Pike	1,836	6.4	6	ND	4	ND
Potter	992	11.4	7	ND	4	ND
Schuylkill	9,918	13.5	39	5.3	22	3.0
Snyder	1,608	8.4	11	4.7	9	ND
Somerset	4,591	11.7	18	5.0	9	ND
Sullivan	498	15.9	3	ND	1	ND
Susquehanna	2,309	11.1	10	5.0	5	ND
Tioga	2,095	10.2	11	5.3	5	ND
Union	1,809	8.4	16	8.0	10	5.0
Venango	3,204	11.6	23	7.5	19	6.2
Warren	2,396	11.5	18	9.1	14	7.0
Washington	12,034	11.7	64	6.2	39	3.8
Wayne	2,937	11.5	11	4.8	6	ND
Westmoreland	21,543	11.8	97	5.8	71	4.2
Wyoming	1,381	9.9	6	ND	2	ND
York	17,352	8.4	184	7.2	132	5.2

* Crude death rate per 1,000 population for each county, 2004-2008. Infant and neonatal death rates per 1,000 live births for each county, 2004-2008.

Note: Rates based on less than 10 events are considered statistically unreliable and are not displayed (ND).

Figure C-27

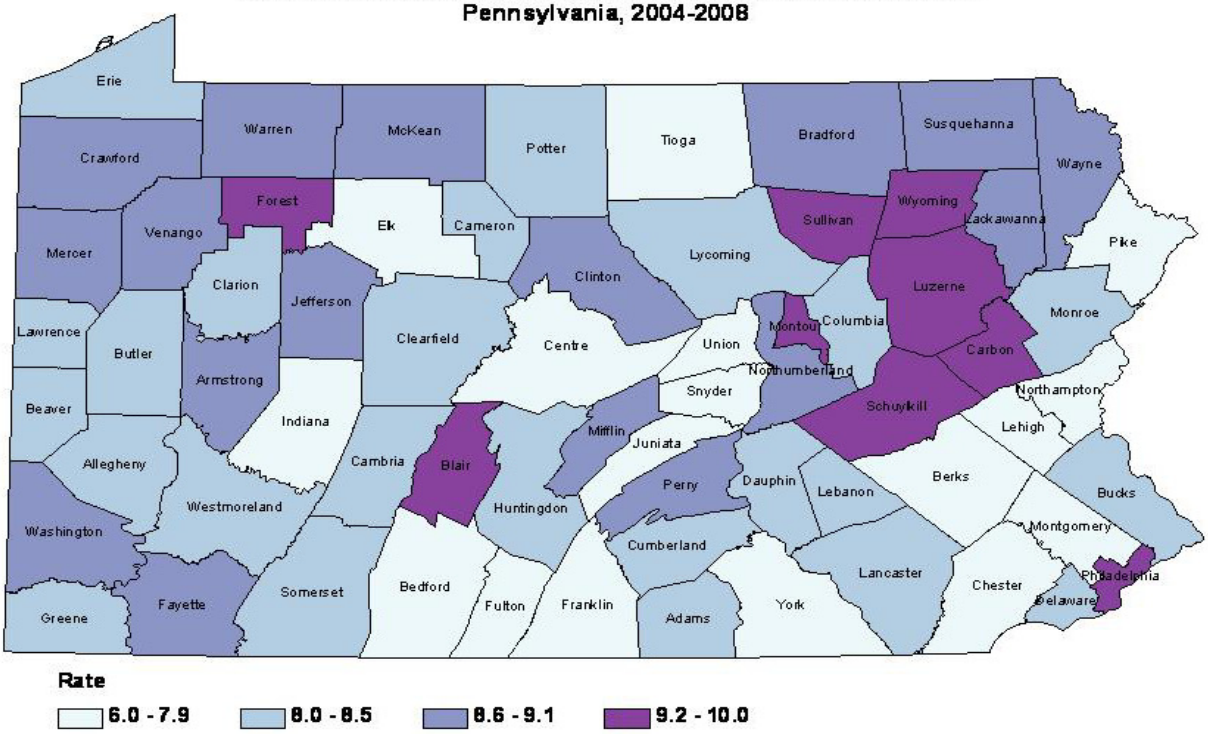
Resident Crude Death Rates by County
Pennsylvania, 2008



Note: Rate per 1,000 population, 2008. See Table C-24 for county rates.

Figure C-28

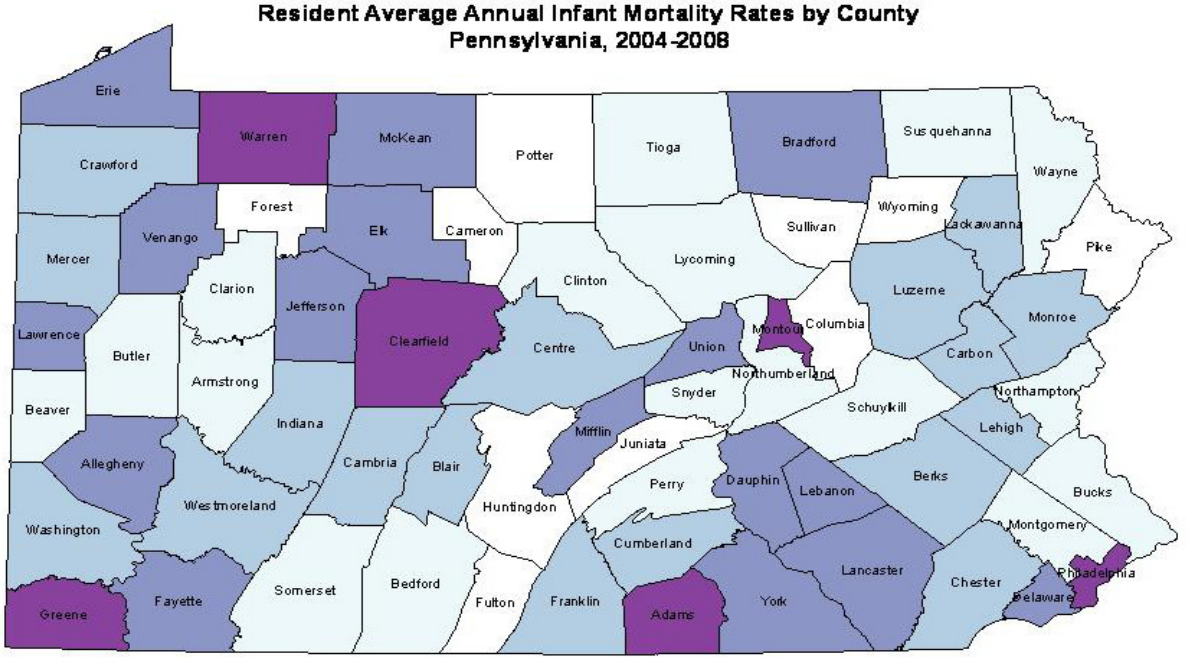
Resident Average Annual Age-Adjusted Death Rates by County
Pennsylvania, 2004-2008



Note: Rate per 1,000 population, 2004-2008. See Table C-27 for county rates.

Figure C-29

Resident Average Annual Infant Mortality Rates by County
Pennsylvania, 2004-2008

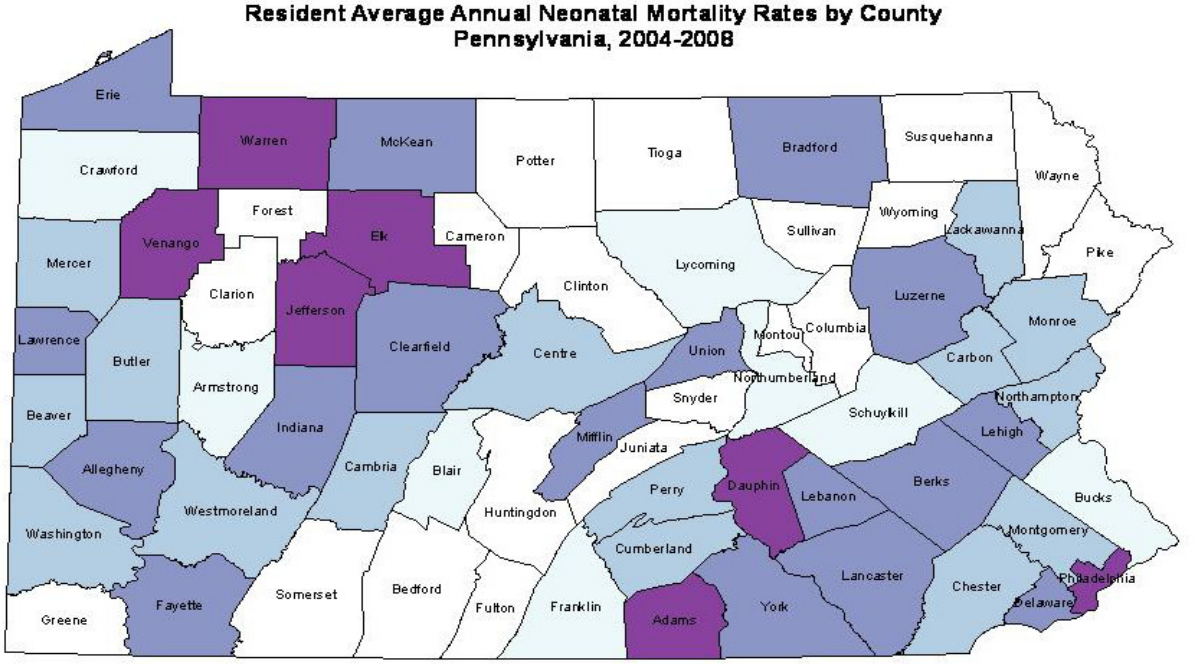


Rate

4.6 - 5.7 | 5.8 - 7.0 | 7.1 - 8.4 | 8.5 - 11.6 | Less than 10 events - statistically unreliable

Figure C-30

Resident Average Annual Neonatal Mortality Rates by County
Pennsylvania, 2004-2008



Rate

2.8 - 3.6 | 3.7 - 4.5 | 4.6 - 5.7 | 5.8 - 8.0 | Less than 10 events - statistically unreliable

Note: Rate per 1,000 live births, 2004-2008. See Table C-25 for county rates.

Table C-26
Number of Deaths, Age-Adjusted Death Rates and 95% Confidence Intervals
By Sex and County, Pennsylvania Residents, 2008

	Total*			Male			Female		
County	Number	Rate	CI (95%)	Number	Rate	CI (95%)	Number	Rate	CI (95%)
All Counties	126,332	8.15	8.06-8.14	60,641	9.9	9.82-9.98	65,690	6.9	6.85-6.95
Adams	884	7.9	7.38-8.42	412	8.5	7.68-9.32	472	7.2	6.55-7.85
Allegheny	14,105	8.3	8.16-8.44	6,628	10.2	9.95-10.45	7,477	6.9	6.74-7.06
Armstrong	824	8.4	7.83-8.97	408	10.1	9.12-11.08	416	7.0	6.33-7.67
Beaver	2,149	8.5	8.14-8.86	1,007	10.1	9.48-10.72	1,142	7.3	6.88-7.72
Bedford	523	8.0	7.31-8.69	270	9.8	8.63-10.97	253	6.6	5.79-7.41
Berks	3,543	7.6	7.35-7.85	1,777	9.4	8.96-9.84	1,766	6.2	5.91-6.49
Blair	1,549	9.1	8.65-9.55	750	11.8	10.96-12.64	799	7.4	6.89-7.91
Bradford	698	8.8	8.15-9.45	358	11.0	9.86-12.14	340	7.1	6.35-7.85
Bucks	4,964	7.2	7.00-7.40	2,369	8.3	7.97-8.63	2,595	6.3	6.06-6.54
Butler	1,785	8.0	7.63-8.37	827	9.1	8.48-9.72	958	7.0	6.56-7.44
Cambria	1,799	8.3	7.92-8.68	869	10.5	9.80-11.20	930	6.7	6.27-7.13
Cameron	62	7.5	5.63-9.37	26	7.3	4.49-10.11	36	7.5	5.05-9.95
Carbon	712	8.6	7.97-9.23	372	11.0	9.88-12.12	340	6.7	5.99-7.41
Centre	935	7.4	6.93-7.87	449	8.3	7.53-9.07	486	6.7	6.10-7.30
Chester	3,527	7.4	7.16-7.64	1,686	8.5	8.09-8.91	1,841	6.6	6.30-6.90
Clarion	443	8.5	7.71-9.29	240	11.6	10.13-13.07	203	6.3	5.43-7.17
Clearfield	961	8.5	7.96-9.04	477	10.2	9.28-11.12	484	7.0	6.38-7.62
Clinton	444	9.1	8.25-9.95	217	11.2	9.71-12.69	227	7.8	6.79-8.81
Columbia	735	8.9	8.26-9.54	364	10.9	9.78-12.02	371	7.3	6.56-8.04
Crawford	995	8.9	8.35-9.45	491	10.7	9.75-11.65	504	7.4	6.75-8.05
Cumberland	2,169	7.8	7.47-8.13	988	9.1	8.53-9.67	1,181	6.8	6.41-7.19
Dauphin	2,500	8.5	8.17-8.83	1,178	10.1	9.52-10.68	1,322	7.3	6.91-7.69
Delaware	5,428	8.2	7.98-8.42	2,564	10.0	9.61-10.39	2,864	6.8	6.55-7.05
Elk	355	7.5	6.72-8.28	166	9.2	7.80-10.60	189	6.0	5.14-6.86
Erie	2,786	8.5	8.18-8.82	1,294	10.1	9.55-10.65	1,492	7.4	7.02-7.78
Fayette	1,875	9.2	8.78-9.62	916	11.5	10.76-12.24	959	7.4	6.93-7.87
Forest	89	10.6	8.40-12.80	49	12.3	8.86-15.74	40	9.4	6.49-12.31
Franklin	1,289	6.8	6.43-7.17	670	8.5	7.86-9.14	619	5.4	4.97-5.83
Fulton	136	7.3	6.07-8.53	69	8.2	6.27-10.13	67	6.3	4.79-7.81
Greene	418	8.6	7.78-9.42	215	10.6	9.18-12.02	203	7.3	6.30-8.30
Huntingdon	476	8.7	7.92-9.48	239	10.6	9.26-11.94	237	7.2	6.28-8.12
Indiana	853	7.7	7.18-8.22	398	8.7	7.85-9.55	455	6.8	6.18-7.42
Jefferson	567	9.1	8.35-9.85	282	11.0	9.72-12.28	285	7.6	6.72-8.48
Juniata	236	7.9	6.89-8.91	119	10.1	8.29-11.91	117	6.2	5.08-7.32
Lackawanna	2,806	9.3	8.96-9.64	1,274	11.6	10.96-12.24	1,532	7.6	7.22-7.98
Lancaster	4,634	7.8	7.58-8.02	2,222	9.2	8.82-9.58	2,412	6.7	6.43-6.97
Lawrence	1,105	8.3	7.81-8.79	519	10.2	9.32-11.08	586	6.9	6.34-7.46
Lebanon	1,339	7.9	7.48-8.32	632	9.3	8.57-10.03	707	6.8	6.30-7.30
Lehigh	3,029	7.3	7.04-7.56	1,434	8.8	8.34-9.26	1,595	6.1	5.80-6.40
Luzerne	4,107	9.0	8.72-9.28	1,873	11.0	10.50-11.50	2,234	7.6	7.28-7.92
Lycoming	1,216	8.0	7.55-8.45	580	9.7	8.91-10.49	636	6.8	6.27-7.33
McKean	490	8.4	7.66-9.14	237	9.7	8.47-10.93	253	7.4	6.49-8.31
Mercer	1,422	8.7	8.25-9.15	674	10.4	9.61-11.19	748	7.3	6.78-7.82
Mifflin	540	8.7	7.97-9.43	256	10.5	9.21-11.79	284	7.4	6.54-8.26
Monroe	1,208	8.0	7.55-8.45	646	9.7	8.95-10.45	562	6.6	6.05-7.15
Montgomery	6,901	7.3	7.13-7.47	3,214	8.7	8.40-9.00	3,687	6.3	6.10-6.50
Montour	232	9.7	8.45-10.95	96	10.8	8.64-12.96	136	8.7	7.24-10.16
Northampton	2,689	7.6	7.31-7.89	1,293	9.3	8.79-9.81	1,396	6.4	6.06-6.74
Northumberland	1,205	8.9	8.40-9.40	589	11.3	10.39-12.21	616	7.0	6.45-7.55
Perry	419	9.1	8.23-9.97	234	11.4	9.94-12.86	185	7.1	6.08-8.12
Philadelphia	14,451	9.2	9.05-9.35	7,044	11.7	11.43-11.97	7,406	7.5	7.33-7.67
Pike	388	5.6	5.04-6.16	218	6.7	5.81-7.59	170	4.6	3.91-5.29
Potter	193	8.8	7.56-10.04	101	10.7	8.61-12.79	92	7.0	5.57-8.43
Schuylkill	1,932	9.0	8.60-9.40	924	11.0	10.29-11.71	1,008	7.5	7.04-7.96
Snyder	355	8.2	7.35-9.05	173	9.6	8.17-11.03	182	7.2	6.15-8.25
Somerset	903	7.6	7.10-8.10	435	9.1	8.24-9.96	468	6.3	5.73-6.87
Sullivan	101	9.2	7.41-10.99	54	11.3	8.29-14.31	47	7.3	5.21-9.39
Susquehanna	507	9.4	8.58-10.22	282	11.9	10.51-13.29	225	7.2	6.26-8.14
Tioga	441	7.8	7.07-8.53	215	8.8	7.62-9.98	226	6.9	6.00-7.80
Union	373	7.4	6.65-8.15	173	9.1	7.74-10.46	200	6.4	5.51-7.29
Venango	655	8.9	8.22-9.58	318	10.6	9.43-11.77	337	7.5	6.70-8.30
Warren	504	9.0	8.21-9.79	236	9.8	8.55-11.05	268	8.3	7.31-9.29
Washington	2,495	8.8	8.45-9.15	1,221	11.0	10.38-11.62	1,274	7.3	6.90-7.70
Wayne	599	8.3	7.64-8.96	310	9.8	8.71-10.89	289	6.9	6.10-7.70
Westmoreland	4,365	8.3	8.05-8.55	2,026	9.9	9.47-10.33	2,339	7.2	6.91-7.49
Wyoming	290	9.4	8.32-10.48	145	11.6	9.71-13.49	145	8.0	6.70-9.30
York	3,624	7.6	7.35-7.85	1,849	9.3	8.88-9.72	1,775	6.3	6.01-6.59

*Total includes any unknown sex.

Notes: Age-adjusted rates are computed by the direct method using the 2000 U.S. standard million population.
Rates are per 1,000. Unknowns excluded from calculations.
CI = 95% confidence interval based on a formula for estimating the standard error or SE. See Technical Notes.

Table C-27

Number of Deaths, Average Annual Age-Adjusted Death Rates and 95% Confidence Intervals
By Sex and County, Pennsylvania Residents, 2004-2008

	Total*			Male			Female		
County	Number	Rate	CI (95%)	Number	Rate	CI (95%)	Number	Rate	CI (95%)
All Counties	629,808	8.4	8.35-8.39	301,197	10.2	10.20-10.27	328,591	7.0	6.99-7.04
Adams	4,437	8.1	7.86-8.34	2,118	9.2	8.81-9.59	2,319	7.1	6.81-7.39
Allegheny	71,323	8.4	8.34-8.46	33,074	10.4	10.29-10.51	38,249	7.1	7.03-7.17
Armstrong	4,161	8.6	8.34-8.86	2,022	10.2	9.76-10.64	2,139	7.3	6.99-7.61
Beaver	10,512	8.5	8.34-8.66	5,042	10.3	10.02-10.58	5,469	7.1	6.91-7.29
Bedford	2,474	7.8	7.49-8.11	1,260	9.6	9.07-10.13	1,214	6.4	6.04-6.76
Berks	17,591	7.8	7.68-7.92	8,657	9.6	9.40-9.80	8,933	6.5	6.37-6.63
Blair	7,763	9.4	9.19-9.61	3,774	12.3	11.91-12.69	3,989	7.5	7.27-7.73
Bradford	3,307	8.6	8.31-8.89	1,660	10.7	10.19-11.21	1,647	7.0	6.66-7.34
Bucks	25,087	8.0	7.90-8.10	11,851	9.4	9.23-9.57	13,236	7.0	6.88-7.12
Butler	8,902	8.2	8.03-8.37	4,185	9.7	9.41-9.99	4,716	7.1	6.90-7.30
Cambria	9,240	8.5	8.33-8.67	4,385	10.8	10.48-11.12	4,855	7.0	6.80-7.20
Cameron	344	8.1	7.24-8.96	156	9.3	7.84-10.76	188	7.1	6.09-8.11
Carbon	3,805	9.4	9.10-9.70	1,877	11.7	11.17-12.23	1,928	7.8	7.45-8.15
Centre	4,399	7.5	7.28-7.72	2,133	8.6	8.24-8.96	2,266	6.6	6.33-6.87
Chester	17,021	7.6	7.49-7.71	8,173	8.9	8.71-9.09	8,847	6.7	6.56-6.84
Clarion	2,121	8.3	7.95-8.65	1,087	10.5	9.88-11.12	1,034	6.7	6.29-7.11
Clearfield	4,666	8.5	8.26-8.74	2,299	10.5	10.07-10.93	2,366	7.1	6.81-7.39
Clinton	2,060	8.8	8.42-9.18	1,040	11.2	10.52-11.88	1,020	7.2	6.76-7.64
Columbia	3,413	8.5	8.21-8.79	1,654	10.5	9.99-11.01	1,759	7.0	6.67-7.33
Crawford	4,769	8.7	8.45-8.95	2,342	10.6	10.17-11.03	2,427	7.3	7.01-7.59
Cumberland	10,490	8.1	7.94-8.26	4,798	9.9	9.62-10.18	5,692	7.0	6.82-7.18
Dauphin	12,019	8.3	8.15-8.45	5,733	10.1	9.84-10.36	6,286	7.0	6.83-7.17
Delaware	27,545	8.4	8.30-8.50	12,790	10.2	10.02-10.38	14,754	7.1	6.99-7.21
Elk	1,775	7.8	7.44-8.16	901	10.0	9.35-10.65	874	6.2	5.79-6.61
Erie	13,500	8.4	8.26-8.54	6,522	10.6	10.34-10.86	6,978	7.0	6.84-7.16
Fayette	8,890	8.8	8.62-8.98	4,352	11.2	10.87-11.53	4,538	7.1	6.89-7.31
Forest	393	9.7	8.74-10.66	225	11.6	10.08-13.12	168	8.2	6.96-9.44
Franklin	6,496	7.5	7.32-7.68	3,252	9.2	8.88-9.52	3,244	6.2	5.99-6.41
Fulton	658	7.6	7.02-8.18	363	9.7	8.70-10.70	295	5.9	5.23-6.57
Greene	2,008	8.4	8.03-8.77	984	10.2	9.56-10.84	1,024	7.2	6.76-7.64
Huntingdon	2,248	8.5	8.15-8.85	1,111	10.3	9.69-10.91	1,137	7.2	6.78-7.62
Indiana	4,296	7.7	7.47-7.93	2,007	8.9	8.51-9.29	2,289	6.7	6.43-6.97
Jefferson	2,696	8.7	8.37-9.03	1,284	10.4	9.83-10.97	1,412	7.5	7.11-7.89
Juniata	1,099	7.7	7.24-8.16	561	9.9	9.08-10.72	538	6.1	5.58-6.62
Lackawanna	13,698	9.1	8.95-9.25	6,225	11.6	11.31-11.89	7,473	7.4	7.23-7.57
Lancaster	22,193	8.1	7.99-8.21	10,621	9.7	9.52-9.88	11,572	6.9	6.77-7.03
Lawrence	5,505	8.3	8.08-8.52	2,621	10.5	10.10-10.90	2,884	6.8	6.55-7.05
Lebanon	6,719	8.4	8.20-8.60	3,140	10.2	9.84-10.56	3,579	7.2	6.96-7.44
Lehigh	15,387	7.8	7.68-7.92	7,272	9.7	9.48-9.92	8,114	6.5	6.36-6.64
Luzerne	20,665	9.2	9.07-9.33	9,533	11.5	11.27-11.73	11,132	7.5	7.36-7.64
Lycoming	6,209	8.4	8.19-8.61	2,980	10.4	10.03-10.77	3,229	7.1	6.86-7.34
McKean	2,597	9.1	8.75-9.45	1,240	10.6	10.01-11.19	1,357	7.9	7.48-8.32
Mercer	6,934	8.6	8.40-8.80	3,255	10.3	9.95-10.65	3,679	7.3	7.06-7.54
Mifflin	2,625	8.7	8.37-9.03	1,228	10.6	10.01-11.19	1,397	7.4	7.01-7.79
Monroe	5,933	8.2	7.99-8.41	3,107	9.9	9.55-10.25	2,826	6.9	6.65-7.15
Montgomery	35,227	7.7	7.62-7.78	16,174	9.2	9.06-9.34	19,050	6.7	6.60-6.80
Montour	1,165	10.0	9.43-10.57	504	11.9	10.86-12.94	661	8.8	8.13-9.47
Northampton	13,084	7.6	7.47-7.73	6,343	9.5	9.27-9.73	6,741	6.3	6.15-6.45
Northumberland	5,904	8.9	8.67-9.13	2,813	11.3	10.88-11.72	3,091	7.3	7.04-7.56
Perry	2,001	8.7	8.32-9.08	1,039	10.4	9.77-11.03	962	7.4	6.93-7.87
Philadelphia	75,951	9.6	9.53-9.67	37,375	12.3	12.18-12.42	38,566	7.7	7.62-7.78
Pike	1,836	6.0	5.73-6.27	1,007	7.0	6.57-7.43	829	5.1	4.75-5.45
Potter	992	8.5	7.97-9.03	503	10.3	9.40-11.20	489	7.2	6.56-7.84
Schuylkill	9,918	9.3	9.12-9.48	4,750	11.5	11.17-11.83	5,168	7.7	7.49-7.91
Snyder	1,608	7.6	7.23-7.97	812	9.5	8.85-10.15	796	6.3	5.86-6.74
Somerset	4,591	8.2	7.96-8.44	2,274	10.2	9.78-10.62	2,317	6.7	6.43-6.97
Sullivan	498	9.4	8.57-10.23	254	10.9	9.56-12.24	244	7.9	6.91-8.89
Susquehanna	2,309	8.7	8.35-9.05	1,197	10.5	9.91-11.09	1,112	7.1	6.68-7.52
Tioga	2,095	7.7	7.37-8.03	1,040	8.9	8.36-9.44	1,055	6.6	6.20-7.00
Union	1,809	7.7	7.35-8.05	839	9.1	8.48-9.72	970	6.7	6.28-7.12
Venango	3,204	8.9	8.59-9.21	1,544	10.7	10.17-11.23	1,660	7.6	7.23-7.97
Warren	2,396	8.7	8.35-9.05	1,142	9.9	9.33-10.47	1,254	7.6	7.18-8.02
Washington	12,034	8.7	8.54-8.86	5,726	10.7	10.42-10.98	6,308	7.4	7.22-7.58
Wayne	2,937	9.0	8.67-9.33	1,505	10.6	10.06-11.14	1,432	7.5	7.11-7.89
Westmoreland	21,543	8.4	8.29-8.51	10,136	10.3	10.10-10.50	11,407	7.2	7.07-7.33
Wyoming	1,381	9.3	8.81-9.79	657	11.2	10.34-12.06	724	8.0	7.42-8.58
York	17,352	7.9	7.78-8.02	8,669	9.7	9.50-9.90	8,683	6.6	6.46-6.74

*Total includes any unknown sex.

Notes: Age-adjusted rates are computed by the direct method using the 2000 U.S. standard million population.
Rates are per 1,000. Unknowns excluded from calculations.
CI = 95% confidence interval based on a formula for estimating the standard error or SE. See Technical Notes.

Table C-28

Number of Deaths, Average Annual Age-Adjusted Premature Mortality Rates and 95% Confidence Intervals By Sex and County, Pennsylvania Residents <75 Years, 2004-2008

	Total*			Male			Female		
County	Number	Rate	CI (95%)	Number	Rate	CI (95%)	Number	Rate	CI (95%)
All Counties	236,948	359.4	358.0-360.9	141,409	454.6	452.2-457.0	95,524	272.8	271.1-274.6
Adams	1,642	313.9	298.7-329.1	981	382.9	358.9-406.9	661	247.4	228.5-266.2
Allegheny	24,995	372.6	368.0-377.2	14,587	474.8	467.1-482.5	10,408	283.5	278.0-288.9
Armstrong	1,518	373.0	354.2-391.7	906	473.7	442.9-504.6	612	283.0	260.6-305.5
Beaver	3,790	370.0	358.2-381.8	2,212	465.5	446.1-484.9	1,577	285.6	271.5-299.7
Bedford	963	335.8	314.6-357.0	582	421.2	387.0-455.4	381	255.2	229.5-280.8
Berks	6,461	317.4	309.6-325.1	3,925	401.5	389.0-414.1	2,535	238.7	229.4-248.0
Blair	2,850	402.9	388.1-417.6	1,749	528.4	503.6-553.1	1,101	290.2	273.1-307.4
Bradford	1,313	367.9	348.0-387.8	794	466.4	434.0-498.9	519	275.0	251.3-298.7
Bucks	9,319	281.8	276.1-287.6	5,522	345.4	336.3-354.5	3,797	221.0	214.0-228.1
Butler	3,019	318.0	306.6-329.3	1,837	404.0	385.5-422.5	1,181	237.9	224.3-251.5
Cambria	3,170	378.8	365.6-392.0	1,900	476.3	454.9-497.7	1,270	289.2	273.3-305.1
Cameron	121	381.3	313.4-449.2	69	457.3	349.4-565.2	52	305.4	222.4-388.5
Carbon	1,401	383.1	363.0-403.2	873	503.3	469.9-536.7	528	274.4	251.0-297.8
Centre	1,626	269.2	256.1-282.3	977	328.2	307.6-348.8	649	212.7	196.4-229.1
Chester	6,256	260.5	254.0-266.9	3,718	319.9	309.7-330.2	2,537	204.3	196.4-212.3
Clarion	798	359.8	334.8-384.7	492	457.4	417.0-497.8	306	267.4	237.4-297.4
Clearfield	1,698	358.3	341.2-375.3	1,061	456.4	429.0-483.9	636	265.1	244.5-285.7
Clinton	785	383.0	356.2-409.8	485	494.2	450.2-538.2	300	278.4	246.9-309.9
Columbia	1,251	353.1	333.5-372.7	800	481.0	447.7-514.3	451	240.7	218.5-262.9
Crawford	1,811	363.9	347.1-380.6	1,081	460.1	432.7-487.5	730	275.7	255.7-295.7
Cumberland	3,548	292.5	282.9-302.1	2,081	361.6	346.0-377.1	1,467	228.8	217.1-240.5
Dauphin	4,938	368.4	358.2-378.7	2,899	465.2	448.3-482.2	2,039	284.3	271.9-296.6
Delaware	10,074	359.3	352.3-366.4	5,871	451.6	440.1-463.2	4,203	278.5	270.1-287.0
Elk	635	337.4	311.2-363.6	379	417.8	375.7-459.9	256	257.4	225.9-289.0
Erie	4,989	350.0	340.2-359.7	2,963	438.6	422.8-454.4	2,026	269.3	257.6-281.0
Fayette	3,410	409.6	395.8-423.3	2,096	538.4	515.3-561.4	1,314	293.2	277.3-309.0
Forest	182	468.6	400.5-536.7	114	548.0	447.4-648.6	68	403.0	307.2-498.8
Franklin	2,353	301.7	289.5-313.9	1,441	385.7	365.8-405.6	912	223.8	209.3-238.4
Fulton	311	360.7	320.6-400.8	199	474.6	408.7-540.6	112	249.9	203.6-296.1
Greene	832	387.9	361.6-414.3	483	447.0	407.1-486.9	349	328.7	294.2-363.2
Huntingdon	901	351.6	328.7-374.6	556	428.8	393.2-464.5	345	271.5	242.9-300.2
Indiana	1,477	324.9	308.3-341.4	878	405.4	378.6-432.2	599	250.1	230.1-270.2
Jefferson	926	355.3	332.4-378.1	548	442.0	405.0-479.0	378	278.1	250.1-306.2
Juniata	434	330.5	299.4-361.5	273	431.5	380.3-482.7	161	231.5	195.7-267.2
Lackawanna	4,610	392.5	381.2-403.8	2,777	512.3	493.3-531.4	1,833	286.1	273.0-299.2
Lancaster	7,611	299.6	292.9-306.4	4,483	370.9	360.0-381.7	3,128	234.7	226.5-243.0
Lawrence	1,825	352.5	336.3-368.6	1,109	461.9	434.8-489.1	716	255.3	236.6-274.0
Lebanon	2,204	314.4	301.2-327.5	1,329	397.8	376.4-419.2	875	237.4	221.6-253.1
Lehigh	5,415	304.1	296.0-312.2	3,262	387.5	374.2-400.8	2,152	227.4	217.8-237.0
Luzerne	7,331	410.7	401.3-420.1	4,458	530.9	515.3-546.5	2,873	301.9	290.9-313.0
Lycoming	2,221	340.8	326.6-355.0	1,315	425.8	402.7-448.8	906	263.7	246.6-280.9
McKean	969	395.2	370.3-420.1	570	484.2	444.4-523.9	399	313.1	282.4-343.8
Mercer	2,401	364.9	350.3-379.5	1,420	456.8	433.0-480.5	981	281.1	263.5-298.7
Mifflin	918	348.0	325.5-370.5	535	428.4	392.1-464.7	383	274.2	246.8-301.7
Monroe	2,823	334.7	322.3-347.0	1,715	416.4	396.7-436.1	1,108	256.8	241.7-271.9
Montgomery	11,298	276.5	271.4-281.6	6,639	342.0	333.8-350.3	4,656	215.8	209.6-222.0
Montour	384	365.7	329.1-402.3	223	457.6	397.5-517.6	161	286.4	242.1-330.6
Northampton	4,501	296.3	287.7-305.0	2,723	379.4	365.2-393.7	1,778	221.8	211.5-232.1
Northumberland	2,103	391.9	375.1-408.6	1,294	500.8	473.5-528.1	809	289.4	269.4-309.3
Perry	922	383.9	359.1-408.7	582	489.0	449.2-528.7	340	280.1	250.4-309.9
Philadelphia	37,811	558.9	553.3-564.5	22,520	743.8	734.1-753.5	15,285	408.0	401.5-414.4
Pike	864	258.1	240.9-275.4	545	325.8	298.5-353.2	319	189.5	168.7-210.2
Potter	391	396.7	357.4-436.1	234	478.8	417.5-540.2	157	315.6	266.3-365.0
Schuylkill	3,555	424.7	410.8-438.7	2,183	537.8	515.2-560.3	1,372	315.3	298.6-332.0
Snyder	621	316.4	291.5-341.3	380	399.9	359.7-440.1	241	240.3	209.9-270.6
Somerset	1,609	356.5	339.0-373.9	1,038	475.0	446.1-503.9	571	243.5	223.5-263.5
Sullivan	183	432.6	369.9-495.2	115	546.2	446.4-646.0	68	314.1	239.4-388.8
Susquehanna	931	392.1	366.9-417.3	578	503.7	462.7-544.8	353	285.1	255.3-314.8
Tioga	787	340.4	316.6-364.2	467	414.5	376.9-452.0	320	270.6	240.9-300.2
Union	540	251.0	229.9-272.2	334	290.0	258.9-321.1	206	208.2	179.8-236.7
Venango	1,249	388.3	366.7-409.8	737	481.4	446.7-516.2	512	302.5	276.3-328.6
Warren	903	365.5	341.7-389.3	535	448.4	410.4-486.4	368	287.9	258.4-317.3
Washington	4,287	364.3	353.4-375.2	2,551	462.4	444.5-480.4	1,736	276.2	263.2-289.2
Wayne	1,201	388.5	366.5-410.5	756	490.0	455.1-524.9	445	288.0	261.3-314.8
Westmoreland	7,174	333.2	325.5-340.9	4,158	409.7	397.2-422.1	3,016	261.8	252.5-271.2
Wyoming	561	365.4	335.1-395.6	339	451.8	403.7-499.9	222	281.1	244.1-318.0
York	6,948	317.9	310.5-325.4	4,173	394.9	382.9-406.9	2,775	244.9	235.8-254.0

*Total includes any unknown sex.

Notes: Age-adjusted rates are per 100,000 and are computed by the direct method using the 2000 U.S. standard million population. Unknowns excluded from calculations. CI = 95% confidence interval based on a formula for estimating the standard error or SE. See Technical Notes for further explanation, as well as a definition of Premature Mortality Rates (PMR).

Table C-29

Average Annual Age-Adjusted Death Rates and 95% Confidence Intervals for Selected Causes of Death by County, Pennsylvania Residents, 2004-2008

	Diseases of Heart		Malignant Neoplasms		Cerebrovascular Disease		Chronic Lower Respiratory Disease		Accidents	
County	Rate	CI (95%)	Rate	CI (95%)	Rate	CI (95%)	Rate	CI (95%)	Rate	CI (95%)
All Counties	221.9	220.9-223.0	193.1	192.1-194.1	46.8	46.3-47.3	39.7	39.3-40.2	40.2	39.7-40.7
Adams	253.1	239.9-266.3	180.4	169.2-191.6	43.6	38.1-49.1	42.4	37.0-47.8	39.8	34.4-45.3
Allegheny	227.1	224.0-230.2	200.1	197.1-203.2	46.1	44.7-47.5	38.0	36.7-39.3	37.3	35.9-38.7
Armstrong	225.5	212.4-238.6	197.8	185.3-210.3	47.0	41.0-53.0	41.0	35.4-46.6	51.2	44.0-58.4
Beaver	229.1	220.8-237.4	191.7	184.0-199.4	44.6	41.0-48.3	42.1	38.6-45.7	40.8	36.8-44.8
Bedford	214.8	198.9-230.7	178.8	164.3-193.3	67.5	58.6-76.4	33.7	27.5-39.9	54.2	45.1-63.3
Berks	208.9	203.0-214.8	181.2	175.6-186.8	56.3	53.2-59.4	36.8	34.3-39.3	32.3	29.9-34.8
Blair	279.7	268.5-290.9	202.8	193.2-212.4	52.0	47.2-56.8	44.3	39.8-48.8	52.9	47.5-58.3
Bradford	231.0	215.9-246.1	194.5	180.8-208.2	38.5	32.4-44.6	38.9	32.8-45.0	39.1	32.3-45.9
Bucks	193.7	188.8-198.6	184.5	179.9-189.1	50.5	48.0-53.0	41.9	39.6-44.2	35.1	33.0-37.2
Butler	225.5	216.7-234.3	185.1	176.9-193.3	49.1	45.0-53.2	46.5	42.4-50.6	38.2	34.3-42.1
Cambria	238.4	229.5-247.4	185.8	177.6-194.0	40.3	36.6-44.0	35.4	31.9-38.9	54.5	49.5-59.5
Cameron	211.3	168.4-254.3	202.7	159.9-245.5	ND	ND	ND	ND	69.7	40.6-98.8
Carbon	258.5	242.9-274.1	211.7	197.6-225.8	42.9	36.6-49.2	41.9	35.7-48.1	50.6	43.0-58.2
Centre	208.7	197.0-220.4	167.2	156.9-177.5	44.2	38.8-49.6	42.0	36.8-47.2	31.5	27.1-35.9
Chester	210.6	204.5-216.7	182.9	177.4-188.4	43.9	41.1-46.7	37.1	34.5-39.7	30.6	28.4-32.9
Clarion	222.3	204.2-240.4	188.6	171.8-205.4	46.4	38.2-54.6	42.8	34.9-50.7	42.9	34.2-51.6
Clearfield	250.8	237.7-263.9	189.1	177.6-200.6	47.0	41.3-52.7	49.0	43.2-54.8	52.9	46.1-59.7
Clinton	265.0	244.3-285.7	205.9	187.6-224.2	61.4	51.4-71.4	44.4	36.0-52.8	47.8	38.3-57.3
Columbia	266.9	251.1-282.7	197.6	183.9-211.3	53.0	46.0-60.1	35.1	29.4-40.8	45.1	38.0-52.2
Crawford	223.9	211.5-236.3	199.3	187.5-211.1	54.0	47.9-60.1	51.7	45.7-57.7	46.0	39.9-52.1
Cumberland	221.1	213.0-229.2	169.9	162.9-176.9	51.4	47.5-55.3	45.9	42.3-49.6	30.3	27.2-33.4
Dauphin	223.2	215.5-230.9	187.4	180.4-194.5	46.1	42.6-49.6	35.8	32.7-38.9	35.6	32.4-38.8
Delaware	221.0	216.0-226.0	202.5	197.6-207.4	52.2	49.8-54.6	42.4	40.2-44.6	35.8	33.7-37.9
Elk	183.4	166.3-200.5	195.6	177.5-213.7	52.4	43.2-61.6	42.9	34.6-51.2	52.1	41.3-62.9
Erie	219.4	212.2-226.6	200.7	193.8-207.7	49.7	46.3-53.1	42.8	39.6-46.0	36.7	33.6-39.8
Fayette	248.3	238.8-257.9	197.7	189.0-206.4	46.3	42.2-50.4	42.8	38.8-46.8	51.4	46.4-56.4
Forest	250.0	202.0-298.1	185.6	143.3-227.9	61.6	37.5-85.8	63.5	39.6-87.5	ND	ND
Franklin	184.7	175.8-193.7	174.6	165.9-183.4	43.0	38.7-47.3	38.5	34.4-42.6	40.0	35.5-44.5
Fulton	169.6	142.3-196.9	171.5	144.5-198.5	40.8	27.3-54.3	24.7	14.6-34.8	64.1	46.2-82.1
Greene	228.7	209.9-247.5	200.4	182.6-218.2	32.3	25.2-39.4	54.4	45.1-63.7	52.7	42.9-62.6
Huntingdon	245.8	227.0-264.6	189.0	172.7-205.3	46.9	38.6-55.2	49.8	41.4-58.2	47.6	38.9-56.3
Indiana	198.4	186.9-209.9	166.3	155.4-177.2	39.5	34.4-44.6	27.6	23.3-31.9	44.6	38.6-50.7
Jefferson	243.6	226.4-260.8	177.4	162.7-192.2	67.8	58.8-76.8	40.4	33.5-47.3	50.9	41.9-59.9

(Continued)

Table C-29

Average Annual Age-Adjusted Death Rates and 95% Confidence Intervals for Selected Causes of Death by County, Pennsylvania Residents, 2004-2008

	Diseases of Heart		Malignant Neoplasms		Cerebrovascular Disease		Chronic Lower Respiratory Disease		Accidents	
County	Rate	CI (95%)	Rate	CI (95%)	Rate	CI (95%)	Rate	CI (95%)	Rate	CI (95%)
Juniata	219.9	195.8-244.0	176.9	155.2-198.6	40.0	29.7-50.3	32.8	23.5-42.1	50.3	37.4-63.3
Lackawanna	277.0	268.8-285.2	194.6	187.5-201.7	46.5	43.1-49.9	44.1	40.8-47.4	41.0	37.3-44.7
Lancaster	197.9	192.7-203.2	189.3	184.2-194.4	50.2	47.6-52.8	41.7	39.3-44.1	36.6	34.2-39.0
Lawrence	217.2	206.2-228.2	205.5	194.5-216.5	42.9	38.1-47.7	39.0	34.3-43.7	43.0	37.3-48.7
Lebanon	227.4	217.0-237.8	194.6	184.9-204.3	43.5	38.9-48.1	43.2	38.7-47.7	34.2	29.8-38.6
Lehigh	190.1	184.1-196.1	182.8	176.9-188.8	40.4	37.6-43.2	34.8	32.2-37.4	39.0	36.1-41.9
Luzerne	262.2	255.7-268.7	194.9	189.1-200.7	40.0	37.5-42.5	38.4	35.9-40.9	45.0	41.8-48.2
Lycoming	216.9	206.4-227.5	185.2	175.4-195.0	50.3	45.2-55.4	52.8	47.6-58.0	36.7	32.1-41.3
McKean	241.1	223.4-258.8	210.7	193.8-227.6	48.2	40.3-56.1	52.0	43.7-60.3	41.1	32.9-49.3
Mercer	234.1	223.7-244.5	192.4	182.8-202.0	46.6	42.0-51.2	45.3	40.8-49.8	46.7	41.4-52.0
Mifflin	247.5	230.0-265.0	184.4	169.2-199.7	50.0	42.2-57.8	49.0	41.3-56.7	49.8	41.0-58.6
Monroe	202.8	192.3-213.3	193.7	183.8-203.6	37.8	33.2-42.4	43.5	38.6-48.4	47.3	42.5-52.1
Montgomery	188.4	184.4-192.4	179.9	176.0-183.8	51.4	49.3-53.5	36.3	34.6-38.0	33.7	31.9-35.5
Montour	249.5	221.3-277.7	218.2	191.8-244.6	64.0	49.7-78.3	44.8	33.0-56.6	45.9	32.0-59.8
Northampton	207.9	201.2-214.7	182.0	175.6-188.4	38.0	35.1-40.9	33.3	30.6-36.0	30.9	28.2-33.6
Northumberland	265.1	252.9-277.3	200.3	189.4-211.2	46.3	41.3-51.3	40.7	35.9-45.5	50.5	44.3-56.7
Perry	219.8	200.6-239.0	214.9	196.1-233.7	46.3	37.4-55.2	44.9	36.1-53.7	50.2	40.9-59.5
Philadelphia	242.6	239.2-246.0	224.7	221.3-228.1	49.3	47.8-50.8	37.2	35.9-38.6	48.8	47.2-50.4
Pike	162.8	148.3-177.3	156.9	143.4-170.4	28.1	22.0-34.2	35.5	28.7-42.3	36.9	29.8-44.0
Potter	206.9	181.3-232.6	216.7	189.9-243.5	38.4	27.7-49.2	39.7	28.6-50.8	53.2	38.2-68.3
Schuylkill	272.1	262.4-281.8	208.9	200.1-217.7	47.8	43.8-51.8	51.2	47.0-55.5	53.7	48.7-58.7
Snyder	199.1	180.2-218.0	180.8	162.7-198.9	44.7	35.8-53.6	34.3	26.4-42.2	36.0	27.7-44.3
Somerset	229.0	216.7-241.4	183.3	172.0-194.6	44.5	39.0-50.0	40.9	35.7-46.1	48.5	42.1-54.9
Sullivan	239.5	199.0-280.1	181.7	145.0-218.4	61.7	41.3-82.1	43.1	26.2-60.0	ND	ND
Susquehanna	261.7	242.6-280.8	207.5	190.3-224.8	37.8	30.6-45.0	50.1	41.6-58.6	52.5	43.0-62.1
Tioga	193.9	177.7-210.1	192.2	175.5-208.9	42.4	34.8-50.0	37.6	30.5-44.7	39.1	31.0-47.2
Union	218.5	199.8-237.2	164.4	148.0-180.8	47.7	38.9-56.5	29.2	22.4-36.0	35.0	27.4-42.6
Venango	231.5	215.9-247.1	197.0	182.6-211.4	53.1	45.7-60.6	48.9	41.8-56.0	52.8	44.4-61.2
Warren	246.2	227.9-264.5	179.8	164.2-195.4	60.9	51.8-70.0	52.2	43.9-60.6	53.2	43.5-62.9
Washington	216.6	208.9-224.3	205.5	197.9-213.1	45.4	41.9-48.9	41.1	37.8-44.4	42.3	38.5-46.1
Wayne	256.0	238.9-273.1	207.2	192.1-222.3	48.6	41.1-56.1	37.4	31.0-43.9	62.1	52.3-71.9
Westmoreland	228.9	223.1-234.7	188.9	183.6-194.2	44.4	41.9-46.9	39.4	37.0-41.8	45.7	42.8-48.6
Wyoming	259.5	233.4-285.6	196.6	174.8-218.4	60.2	47.6-72.9	51.2	39.8-62.6	54.8	42.5-67.1
York	200.3	194.4-206.2	185.4	179.8-191.0	42.1	39.4-44.8	37.8	35.2-40.4	42.7	39.9-45.5

* Rates based on less than 20 events are considered statistically unreliable and are not displayed (ND).

Notes: Age-adjusted rates are computed by the direct method using the 2000 U.S. standard million population.

Rates are per 100,000. Unknowns excluded from calculations.

CI = 95% confidence interval based on a formula for estimating the standard error or SE. See Technical Notes.

See Table C-34 for corresponding 2004-2008 number of deaths.

Figure C-31

Average Annual Age-Adjusted Death Rates for Diseases of Heart by County
Pennsylvania Residents, 2004-2008

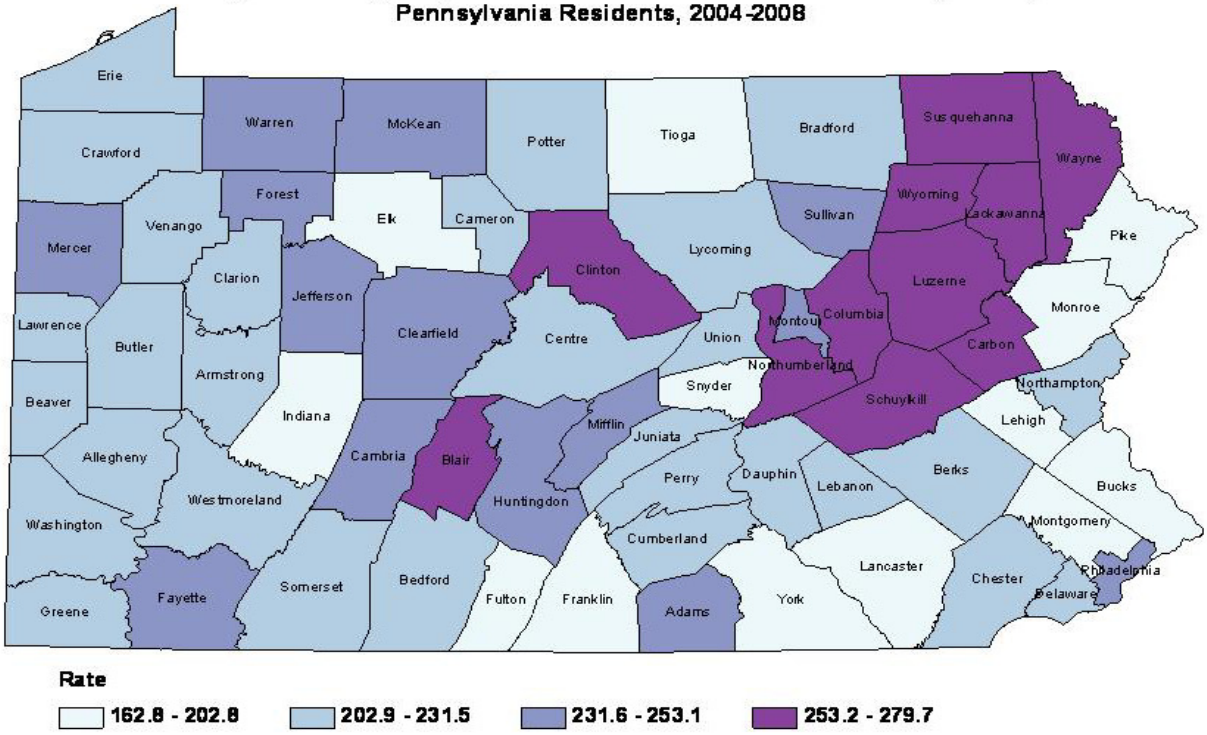
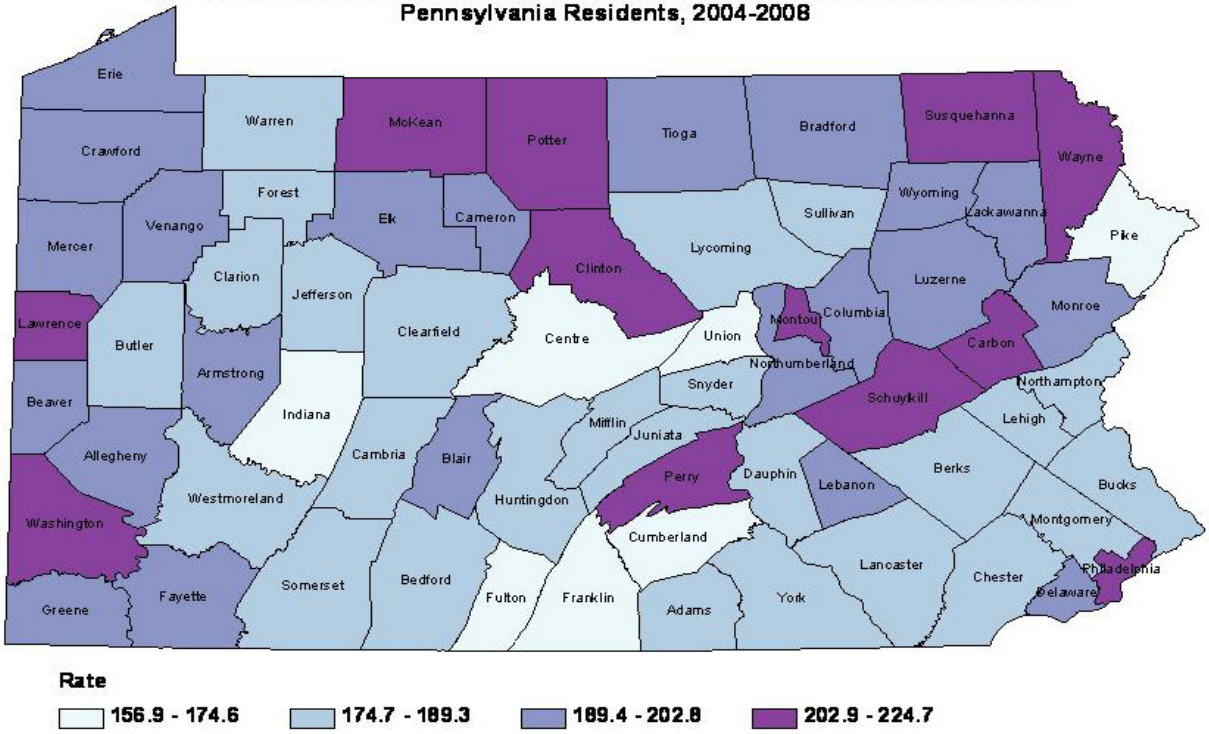


Figure C-32

Average Annual Age-Adjusted Death Rates for Malignant Neoplasms by County
Pennsylvania Residents, 2004-2008



Note: See table C-29 for county rates and the definition of rate.

Figure C-33

Average Annual Age-Adjusted Death Rates for Cerebrovascular Disease by County Pennsylvania Residents, 2004-2008

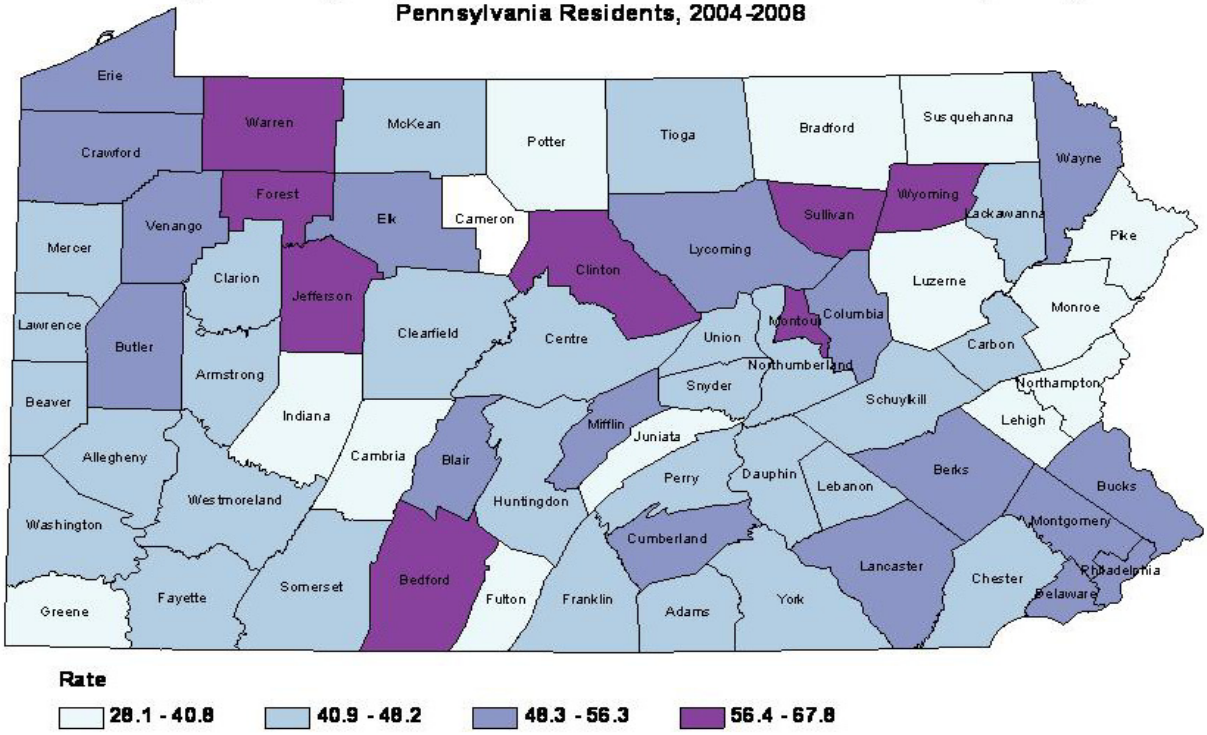


Figure C-34

Average Annual Age-Adjusted Death Rates for Chronic Lower Respiratory Disease by County, Pennsylvania Residents, 2004-2008

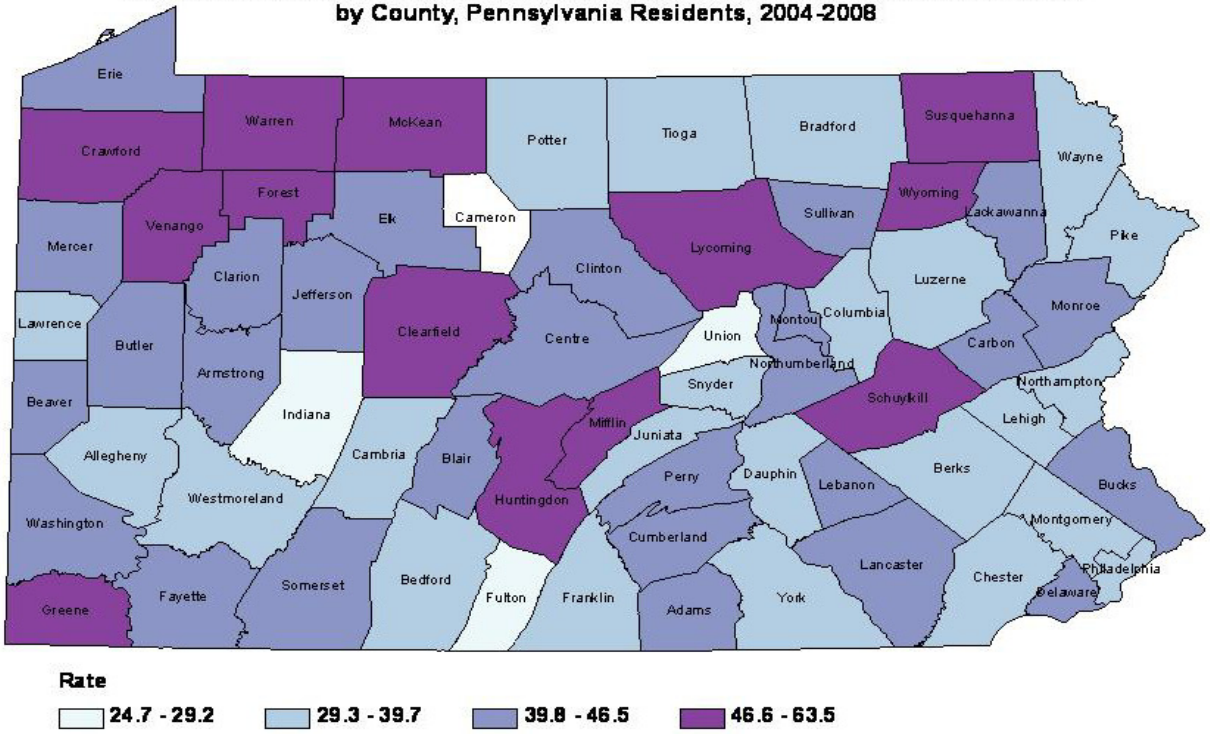


Table C-30
Resident Deaths by Age Group and County
Pennsylvania, 2008

County	Total Deaths*	Age at Death (In Years) Under 5	5 - 9	10 - 14	15 - 19	20 - 24	25 - 34	35 - 44	45 - 54	55 - 64	65 - 74	75 - 84	85 & Over
All Counties	126,332	1,253	77	108	484	842	1,647	3,039	7,836	12,996	18,998	36,250	42,792
Adams	884	7	0	1	5	4	15	23	47	85	167	233	297
Allegheny	14,105	121	7	13	57	78	161	289	831	1,393	1,950	4,263	4,942
Armstrong	824	4	0	0	4	6	9	24	43	63	128	259	284
Beaver	2,149	15	1	2	6	12	24	34	119	214	330	678	714
Bedford	523	5	0	2	5	6	7	9	36	35	102	171	145
Berks	3,543	39	2	1	12	18	57	85	224	348	491	978	1,288
Blair	1,549	8	2	1	4	7	14	41	79	141	240	466	546
Bradford	698	7	1	0	3	6	8	18	40	85	117	188	225
Bucks	4,964	32	1	4	17	37	50	118	338	502	715	1,446	1,704
Butler	1,785	12	2	2	5	11	20	22	109	162	256	524	660
Cambria	1,799	11	1	1	6	14	26	44	91	161	261	535	648
Cameron	62	0	0	0	2	0	0	4	1	7	10	15	23
Carbon	712	5	1	0	0	4	8	20	50	85	110	188	241
Centre	935	12	1	0	5	7	9	22	47	92	159	253	328
Chester	3,527	34	1	5	11	29	43	78	218	346	507	1,006	1,249
Clarion	443	2	0	0	2	5	5	8	25	33	77	140	146
Clearfield	961	7	0	1	2	9	14	22	49	104	150	285	318
Clinton	444	4	0	0	1	1	1	6	25	40	80	147	139
Columbia	735	3	0	1	5	3	4	9	39	85	133	197	256
Crawford	995	7	1	0	2	1	15	13	48	86	192	284	346
Cumberland	2,169	19	1	0	6	13	24	37	97	200	306	670	796
Dauphin	2,500	38	3	0	8	18	39	80	170	284	395	722	743
Delaware	5,428	59	1	3	20	34	73	129	373	589	746	1,553	1,845
Elk	355	2	0	0	3	0	12	4	14	20	52	116	132
Erie	2,786	41	2	3	4	15	31	59	181	283	409	800	958
Fayette	1,875	16	1	1	2	14	26	39	103	218	305	552	598
Forest	89	1	0	0	0	0	0	0	7	9	23	26	23
Franklin	1,289	13	0	0	5	7	12	24	72	137	210	379	430
Fulton	136	0	0	1	0	1	3	4	6	18	34	37	32
Greene	418	6	0	0	1	6	5	9	28	38	99	117	109
Huntingdon	476	1	0	0	4	2	5	14	28	51	81	133	157
Indiana	853	10	0	1	0	6	12	17	59	79	122	251	296
Jefferson	567	9	2	1	2	3	9	14	30	48	90	159	200

(Continued)

Table C-30
Resident Deaths by Age Group and County
Pennsylvania, 2008

	Total Deaths*	Age at Death (In Years) Under 5	5 - 9	10 - 14	15 - 19	20 - 24	25 - 34	35 - 44	45 - 54	55 - 64	65 - 74	75 - 84	85 & Over
Juniata	236	2	0	0	2	0	2	5	14	18	41	77	75
Lackawanna	2,806	23	0	3	6	21	25	59	165	282	392	797	1,033
Lancaster	4,634	53	5	7	20	35	44	95	247	425	662	1,319	1,722
Lawrence	1,105	8	0	0	3	7	16	17	53	94	171	352	384
Lebanon	1,339	23	0	3	6	8	17	29	73	120	191	391	477
Lehigh	3,029	40	3	1	8	15	39	66	181	310	415	819	1,132
Luzerne	4,107	26	3	2	12	27	45	100	214	408	648	1,182	1,439
Lycoming	1,216	7	1	0	1	3	8	25	68	122	171	365	445
McKean	490	3	0	0	2	2	6	13	24	49	77	145	169
Mercer	1,422	8	1	1	2	11	18	26	80	133	208	435	499
Mifflin	540	9	0	0	3	5	7	10	20	40	78	177	191
Monroe	1,208	10	1	2	11	12	18	46	96	172	193	336	311
Montgomery	6,901	56	8	4	23	34	62	128	368	592	879	1,974	2,772
Montour	232	2	0	0	1	3	3	6	4	21	40	59	93
Northampton	2,689	16	3	4	9	14	26	56	140	234	363	837	987
Northumberland	1,205	4	0	1	3	7	16	24	55	128	200	338	429
Perry	419	6	0	0	1	5	5	17	36	59	67	123	100
Philadelphia	14,451	281	14	19	100	158	358	590	1,355	2,006	2,402	3,484	3,680
Pike	388	1	1	0	0	5	4	17	34	66	62	99	99
Potter	193	1	0	1	2	3	6	6	19	15	30	54	56
Schuylkill	1,932	13	2	0	6	13	18	41	104	194	298	583	660
Snyder	355	5	0	0	3	2	4	7	25	34	63	107	105
Somerset	903	5	0	0	4	4	10	15	45	79	128	294	319
Sullivan	101	2	0	0	0	0	0	0	2	9	24	33	31
Susquehanna	507	3	0	2	0	3	9	8	31	52	96	139	164
Tioga	441	2	0	0	2	1	5	8	28	41	67	139	148
Union	373	4	0	2	1	3	3	4	8	27	37	121	163
Venango	655	2	0	2	2	2	6	15	41	61	124	195	205
Warren	504	4	0	0	2	4	6	13	35	57	95	125	163
Washington	2,495	16	0	4	3	9	21	56	146	239	369	758	874
Wayne	599	2	0	3	5	6	7	10	34	67	102	167	196
Westmoreland	4,365	23	3	2	11	23	37	99	218	382	629	1,351	1,587
Wyoming	290	1	0	0	5	0	4	11	16	34	49	89	81
York	3,624	42	1	1	16	20	51	98	230	385	580	1,015	1,185

*Includes any unknown ages.

Table C-31
Resident Deaths by Race, Hispanic Origin, and County
Pennsylvania, 2008

County	RACE: All Races	White	Black	Asian/ Pacific Islander	Hispanic Origin
All Counties	126,332	113,923	11,586	662	1,466
Adams	884	867	15	1	4
Allegheny	14,105	12,359	1,684	43	23
Armstrong	824	817	6	1	0
Beaver	2,149	2,035	112	0	1
Bedford	523	520	2	1	1
Berks	3,543	3,418	103	17	136
Blair	1,549	1,533	14	1	2
Bradford	698	694	4	0	2
Bucks	4,964	4,777	129	51	33
Butler	1,785	1,773	7	5	3
Cambria	1,799	1,749	49	1	5
Cameron	62	61	1	0	0
Carbon	712	710	1	0	5
Centre	935	920	8	5	0
Chester	3,527	3,284	215	24	36
Clarion	443	440	2	0	0
Clearfield	961	955	6	0	2
Clinton	444	443	1	0	1
Columbia	735	729	6	0	2
Crawford	995	977	17	1	1
Cumberland	2,169	2,123	28	15	2
Dauphin	2,500	2,096	385	14	47
Delaware	5,428	4,653	715	51	27
Elk	355	354	1	0	0
Erie	2,786	2,656	122	5	12
Fayette	1,875	1,804	69	1	2
Forest	89	88	1	0	0
Franklin	1,289	1,263	23	0	1
Fulton	136	134	2	0	0
Greene	418	415	3	0	0
Huntingdon	476	465	11	0	1
Indiana	853	845	5	2	1
Jefferson	567	562	1	1	0

(Continued)

Table C-31
Resident Deaths by Race, Hispanic Origin, and County
Pennsylvania, 2008

County	RACE All Races	White	Black	Asian/ Pacific Islander	Hispanic Origin
Juniata	236	235	1	0	0
Lackawanna	2,806	2,779	17	9	9
Lancaster	4,634	4,521	88	19	103
Lawrence	1,105	1,079	26	0	0
Lebanon	1,339	1,321	13	5	24
Lehigh	3,029	2,917	91	16	130
Luzerne	4,107	4,056	44	5	34
Lycoming	1,216	1,189	27	0	0
McKean	490	487	1	1	1
Mercer	1,422	1,381	39	1	0
Mifflin	540	537	2	0	0
Monroe	1,208	1,130	68	5	29
Montgomery	6,901	6,319	493	81	49
Montour	232	232	0	0	1
Northampton	2,689	2,612	64	7	64
Northumberland	1,205	1,193	8	3	3
Perry	419	417	2	0	0
Philadelphia	14,451	7,634	6,534	249	595
Pike	388	373	12	3	5
Potter	193	193	0	0	0
Schuylkill	1,932	1,918	10	3	3
Snyder	355	354	1	0	0
Somerset	903	893	9	1	2
Sullivan	101	101	0	0	1
Susquehanna	507	502	2	1	1
Tioga	441	441	0	0	0
Union	373	369	3	1	0
Venango	655	650	4	0	1
Warren	504	503	0	0	0
Washington	2,495	2,410	82	1	4
Wayne	599	592	6	0	6
Westmoreland	4,365	4,298	66	0	4
Wyoming	290	289	0	0	1
York	3,624	3,479	125	11	46

Note: Hispanic origin can be of any race.

Table C-32
Resident Deaths by Race, Hispanic Origin, and County
Pennsylvania, 2004-2008

County	RACE: All Races 2004-2008	White	Black	Asian/ Pacific Islander	Hispanic Origin
All Counties	629,808	567,427	58,330	3,051	6,973
Adams	4,437	4,385	43	5	36
Allegheny	71,323	62,678	8,359	220	121
Armstrong	4,161	4,129	27	2	4
Beaver	10,512	9,962	538	4	4
Bedford	2,474	2,462	6	4	3
Berks	17,591	16,958	548	60	640
Blair	7,763	7,683	71	6	11
Bradford	3,307	3,287	13	2	9
Bucks	25,087	24,228	590	221	140
Butler	8,902	8,828	55	16	10
Cambria	9,240	9,013	211	9	29
Cameron	344	343	1	0	0
Carbon	3,805	3,779	20	2	10
Centre	4,399	4,338	33	24	8
Chester	17,021	15,782	1,112	104	171
Clarion	2,121	2,117	2	0	3
Clearfield	4,666	4,640	21	4	2
Clinton	2,060	2,055	4	1	1
Columbia	3,413	3,394	12	4	7
Crawford	4,769	4,696	65	4	2
Cumberland	10,490	10,298	127	51	23
Dauphin	12,019	10,017	1,895	82	199
Delaware	27,545	23,823	3,458	218	129
Elk	1,775	1,770	1	3	3
Erie	13,500	12,876	588	19	68
Fayette	8,890	8,594	293	2	4
Forest	393	379	14	0	1
Franklin	6,496	6,376	103	7	21
Fulton	658	651	5	1	2
Greene	2,008	1,996	11	1	1
Huntingdon	2,248	2,207	38	2	5
Indiana	4,296	4,264	24	7	4
Jefferson	2,696	2,688	3	1	2

(Continued)

Table C-32
Resident Deaths by Race, Hispanic Origin, and County
Pennsylvania, 2004-2008

County	RACE: All Races 2004-2008	White	Black	Asian/ Pacific Islander	Hispanic Origin
Juniata	1,099	1,094	2	1	6
Lackawanna	13,698	13,543	107	32	51
Lancaster	22,193	21,643	421	103	484
Lawrence	5,505	5,368	129	3	4
Lebanon	6,719	6,648	47	18	108
Lehigh	15,387	14,914	379	68	564
Luzerne	20,665	20,460	158	22	107
Lycoming	6,209	6,059	142	3	4
McKean	2,597	2,588	5	2	4
Mercer	6,934	6,688	232	9	6
Mifflin	2,625	2,615	7	2	1
Monroe	5,933	5,569	284	21	114
Montgomery	35,227	32,406	2,353	402	215
Montour	1,165	1,162	1	2	2
Northampton	13,084	12,786	231	40	299
Northumberland	5,904	5,872	22	7	11
Perry	2,001	1,990	8	1	4
Philadelphia	75,951	40,475	34,069	1,136	2,968
Pike	1,836	1,755	49	7	27
Potter	992	989	1	2	0
Schuylkill	9,918	9,877	26	8	24
Snyder	1,608	1,599	6	0	2
Somerset	4,591	4,536	52	2	6
Sullivan	498	495	2	0	1
Susquehanna	2,309	2,298	6	1	2
Tioga	2,095	2,090	1	2	2
Union	1,809	1,787	16	3	4
Venango	3,204	3,188	14	0	3
Warren	2,396	2,394	1	0	1
Washington	12,034	11,651	365	8	15
Wayne	2,937	2,886	32	3	21
Westmoreland	21,543	21,183	328	16	17
Wyoming	1,381	1,374	4	0	3
York	17,352	16,749	539	41	220

Note: Hispanic origin can be of any race.

Table C-33
Selected Causes of Death by County, Pennsylvania Residents, 2008

		Diseases of Heart				Malignant Neoplasms		
County	All Causes	Total Diseases of Heart	Ischemic Excl. Acute Myocardial Infarction	Acute Myocardial Infarction	Other Heart Disease	Total Malignant Neoplasms	Bronchus and Lung	Colon and Rectum
All Counties	126,332	33,179	13,865	7,138	12,176	28,699	7,868	2,783
Adams	884	268	128	54	86	201	54	17
Allegheny	14,105	3,777	1,812	848	1,117	3,139	889	317
Armstrong	824	243	82	52	109	172	47	23
Beaver	2,149	555	245	123	187	472	124	39
Bedford	523	146	58	32	56	122	35	9
Berks	3,543	916	264	294	358	821	215	88
Blair	1,549	513	175	86	252	341	91	37
Bradford	698	166	57	41	68	172	44	19
Bucks	4,964	1,159	482	202	475	1,186	327	97
Butler	1,785	481	227	84	170	382	106	36
Cambria	1,799	549	223	130	196	404	89	35
Cameron	62	15	5	6	4	18	3	3
Carbon	712	186	80	34	72	142	33	14
Centre	935	267	80	41	146	211	58	21
Chester	3,527	940	486	168	286	884	229	86
Clarion	443	103	32	34	37	93	22	10
Clearfield	961	272	108	66	98	203	46	23
Clinton	444	126	43	38	45	92	36	7
Columbia	735	221	95	38	88	166	52	14
Crawford	995	259	76	91	92	212	72	20
Cumberland	2,169	556	225	126	205	466	100	52
Dauphin	2,500	675	239	151	285	545	140	57
Delaware	5,428	1,499	691	308	500	1,265	352	131
Elk	355	91	30	24	37	81	14	15
Erie	2,786	742	207	169	366	658	173	67
Fayette	1,875	533	283	85	165	415	124	40
Forest	89	18	6	5	7	17	4	3
Franklin	1,289	334	123	75	136	310	100	30
Fulton	136	25	7	6	12	30	7	4
Greene	418	101	34	24	43	112	28	13
Huntingdon	476	143	67	39	37	102	24	12
Indiana	853	199	84	58	57	193	52	21
Jefferson	567	143	47	32	64	115	31	9
Juniata	236	67	20	23	24	54	14	3
Lackawanna	2,806	815	286	174	355	598	152	61
Lancaster	4,634	1,042	448	167	427	1,132	286	116
Lawrence	1,105	276	141	31	104	262	73	21
Lebanon	1,339	319	142	58	119	334	94	45
Lehigh	3,029	719	276	164	279	689	177	64
Luzerne	4,107	1,188	560	273	355	874	235	74
Lycoming	1,216	310	112	80	118	273	79	29
McKean	490	134	52	33	49	99	27	7
Mercer	1,422	379	145	106	128	309	98	38
Mifflin	540	159	60	25	74	106	30	10
Monroe	1,208	281	121	47	113	290	100	21
Montgomery	6,901	1,714	799	285	630	1,535	404	140
Montour	232	67	19	23	25	42	11	3
Northampton	2,689	752	346	107	299	623	159	57
Northumberland	1,205	341	99	126	116	279	85	27
Perry	419	91	30	33	28	107	27	10
Philadelphia	14,451	3,671	1,521	640	1,510	3,256	904	327
Pike	388	112	36	41	35	112	32	6
Potter	193	41	14	17	10	50	13	3
Schuylkill	1,932	539	226	148	165	445	120	48
Snyder	355	83	21	19	43	86	29	7
Somerset	903	245	78	97	70	189	52	20
Sullivan	101	17	6	5	6	16	7	0
Susquehanna	507	133	47	40	46	132	42	10
Tioga	441	116	49	27	40	100	30	10
Union	373	109	41	13	55	86	23	9
Venango	655	144	50	32	62	167	52	14
Warren	504	145	56	38	51	114	29	16
Washington	2,495	601	294	112	195	592	178	58
Wayne	599	178	59	55	64	138	48	6
Westmoreland	4,365	1,185	464	312	409	940	273	76
Wyoming	290	94	40	21	33	54	15	1
York	3,624	891	406	202	283	874	249	77

Note: See Tables C-17B and C-17C regarding change in cancer site definitions.

Table C-33 (Continued)
Selected Causes of Death by County, Pennsylvania Residents, 2008

	Malignant Neoplasms					
County	Female Breast	Prostate	Pancreas	Non-Hodgkin's Lymphomas	Leukemias	All Other Sites
All Counties	2,083	1,451	1,768	1,104	1,193	10,449
Adams	12	9	14	5	10	80
Allegheny	231	145	210	122	120	1,105
Armstrong	13	9	13	9	5	53
Beaver	42	19	32	20	21	175
Bedford	10	8	3	7	11	39
Berks	73	34	30	35	35	311
Blair	22	18	18	22	16	117
Bradford	9	9	15	4	5	67
Bucks	89	57	75	46	54	441
Butler	30	19	23	18	9	141
Cambria	38	25	20	16	20	161
Cameron	3	1	1	0	2	5
Carbon	8	11	5	7	5	59
Centre	17	6	13	6	15	75
Chester	64	48	65	36	23	333
Clarion	9	4	6	5	1	36
Clearfield	10	9	13	9	10	83
Clinton	7	3	12	1	0	26
Columbia	7	7	10	5	5	66
Crawford	6	8	16	7	10	73
Cumberland	30	27	37	12	24	184
Dauphin	44	26	35	19	21	203
Delaware	85	65	76	61	59	436
Elk	6	5	7	1	4	29
Erie	52	48	36	18	22	242
Fayette	27	13	24	21	10	156
Forest	1	0	1	1	0	7
Franklin	8	10	19	16	19	108
Fulton	0	2	1	2	2	12
Greene	8	4	5	6	6	42
Huntingdon	4	5	7	4	8	38
Indiana	20	14	11	9	6	60
Jefferson	6	5	6	6	7	45
Juniata	5	2	7	3	3	17
Lackawanna	30	40	41	24	25	225
Lancaster	87	60	59	48	54	422
Lawrence	18	11	19	10	18	92
Lebanon	22	15	15	14	14	115
Lehigh	52	39	42	25	30	260
Luzerne	55	36	64	33	36	341
Lycoming	14	12	13	11	10	105
McKean	9	3	8	10	4	31
Mercer	19	11	12	14	11	106
Mifflin	12	3	5	2	3	41
Monroe	16	16	20	12	9	96
Montgomery	114	97	105	67	48	560
Montour	5	1	5	2	1	14
Northampton	47	26	45	20	41	228
Northumberland	12	14	21	11	18	91
Perry	3	10	6	4	4	43
Philadelphia	281	176	187	95	126	1,160
Pike	9	5	9	1	5	45
Potter	4	8	1	0	3	18
Schuylkill	32	23	26	12	17	167
Snyder	6	6	6	6	6	20
Somerset	9	5	9	5	4	85
Sullivan	2	0	1	0	0	6
Susquehanna	7	6	9	3	8	47
Tioga	3	4	7	5	5	36
Union	5	3	4	1	3	38
Venango	16	7	6	8	6	58
Warren	9	8	5	8	2	37
Washington	40	20	32	23	28	213
Wayne	3	8	6	7	3	57
Westmoreland	87	48	55	21	41	339
Wyoming	3	5	3	3	1	23
York	56	50	56	40	41	305

Note: See Tables C-17B and C-17C regarding change in cancer site definitions.

Table C-33 (Continued)
Selected Causes of Death by County, Pennsylvania Residents, 2008

County	Chronic Lower Respiratory Dis.	Cerebrovascu-lar Disease	Accidents: Non-Transport	Accidents: Motor Vehicle	Accidents: Other Transport	Alzheimer's Disease	Diabetes Mellitus
All Counties	6,695	6,676	4,069	1,530	70	3,844	3,292
Adams	47	50	26	14	0	38	18
Allegheny	747	784	508	88	7	410	332
Armstrong	44	50	25	12	0	42	23
Beaver	144	116	58	26	0	91	52
Bedford	32	44	16	16	0	10	11
Berks	169	235	88	58	1	145	86
Blair	75	72	60	16	1	45	30
Bradford	39	31	20	11	0	31	29
Bucks	270	297	175	48	6	116	143
Butler	106	98	49	25	1	65	66
Cambria	85	78	64	27	2	73	38
Cameron	6	1	2	2	0	1	3
Carbon	36	31	29	12	0	23	26
Centre	60	44	24	22	0	13	24
Chester	179	184	110	45	2	99	56
Clarion	35	31	13	9	0	22	18
Clearfield	54	64	26	20	0	22	38
Clinton	27	29	13	4	0	17	10
Columbia	37	41	15	12	1	20	18
Crawford	68	49	34	14	0	60	51
Cumberland	128	124	51	25	3	63	40
Dauphin	102	136	74	42	1	74	64
Delaware	284	301	154	30	6	110	88
Elk	21	23	10	6	0	26	7
Erie	158	156	73	31	6	98	82
Fayette	117	77	52	35	0	64	76
Forest	4	5	1	1	0	1	5
Franklin	74	55	35	18	1	41	43
Fulton	5	9	5	6	0	3	5
Greene	41	12	13	6	0	18	10
Huntingdon	36	23	12	10	0	18	8
Indiana	34	54	27	14	1	26	32
Jefferson	33	47	24	10	0	23	17
Juniata	12	12	5	6	0	6	8
Lackawanna	145	130	95	21	1	100	74
Lancaster	272	267	122	75	1	213	107
Lawrence	71	54	37	10	0	34	33
Lebanon	72	51	31	17	1	33	31
Lehigh	151	137	112	47	1	117	88
Luzerne	206	164	129	43	2	114	125
Lycoming	84	50	24	12	1	65	31
McKean	40	25	6	13	0	16	16
Mercer	90	71	44	17	0	42	37
Mifflin	39	36	15	8	0	10	11
Monroe	70	50	52	28	1	50	47
Montgomery	375	409	228	47	0	255	116
Montour	13	14	4	5	0	8	4
Northampton	121	124	75	32	3	65	87
Northumberland	63	62	33	23	1	33	35
Perry	21	28	8	14	0	11	8
Philadelphia	591	723	592	114	10	192	340
Pike	20	13	13	9	0	9	5
Potter	12	10	8	4	0	3	7
Schuylkill	87	94	62	35	0	51	58
Snyder	16	15	9	6	2	5	10
Somerset	57	57	28	13	0	60	33
Sullivan	6	6	0	0	0	2	7
Susquehanna	33	23	13	10	0	13	20
Tioga	28	26	9	11	0	16	10
Union	18	25	9	8	0	14	8
Venango	45	30	17	8	0	23	16
Warren	30	31	18	12	0	9	18
Washington	142	134	84	27	2	88	102
Wayne	25	25	13	12	0	24	13
Westmoreland	230	224	153	54	4	101	125
Wyoming	16	17	5	9	0	6	10
York	197	188	130	65	1	148	103

Table C-33 (Continued)
Selected Causes of Death by County, Pennsylvania Residents, 2008

County	Nephritis, Nephrotic Syn. & Nephrosis	Influenza & Pneumonia	Septicemia	Intentional Self-harm (Suicide)	Parkinson's Disease	Chronic Liver Disease & Cirrhosis	Essential Hypertension & Hypertensive Renal Disease
All Counties	3,116	2,701	2,417	1,522	1,187	1,094	1,037
Adams	19	12	5	14	8	8	5
Allegheny	360	325	274	128	156	140	105
Armstrong	25	17	11	14	10	4	5
Beaver	52	50	31	20	12	26	22
Bedford	10	11	11	7	7	2	3
Berks	65	81	61	48	43	29	26
Blair	36	35	24	14	13	13	14
Bradford	15	8	7	13	5	8	8
Bucks	103	89	86	70	54	38	44
Butler	52	40	26	27	23	15	13
Cambria	54	41	24	18	9	21	16
Cameron	1	2	5	1	0	0	0
Carbon	25	19	11	10	9	6	8
Centre	11	32	14	14	7	4	8
Chester	77	62	48	57	31	30	19
Clarion	16	9	3	4	8	2	2
Clearfield	29	18	14	16	11	8	4
Clinton	13	7	3	3	2	5	1
Columbia	20	24	18	6	4	7	7
Crawford	14	12	13	15	9	8	10
Cumberland	60	73	58	32	22	14	12
Dauphin	55	80	92	35	14	23	22
Delaware	127	124	94	59	54	48	33
Elk	5	6	5	3	4	3	4
Erie	78	60	42	37	16	22	25
Fayette	45	21	21	15	14	21	24
Forest	2	8	1	0	1	4	1
Franklin	29	10	17	17	15	13	11
Fulton	5	0	1	4	0	0	1
Greene	8	7	5	10	0	3	2
Huntingdon	15	6	3	5	2	7	2
Indiana	18	27	6	14	11	6	12
Jefferson	18	9	8	8	7	1	2
Juniata	6	7	4	2	2	0	0
Lackawanna	72	53	64	33	31	31	19
Lancaster	119	83	57	43	60	46	30
Lawrence	22	19	28	15	11	8	25
Lebanon	45	28	20	20	18	9	9
Lehigh	73	48	63	36	38	21	28
Luzerne	91	69	67	50	32	37	38
Lycoming	36	15	11	16	14	7	14
McKean	20	11	5	4	0	2	3
Mercer	35	48	35	15	5	10	7
Mifflin	8	13	13	5	8	7	4
Monroe	27	17	21	22	9	10	12
Montgomery	138	156	137	89	96	61	56
Montour	10	8	5	2	3	0	0
Northampton	69	45	78	32	30	19	22
Northumberland	38	43	28	8	6	9	7
Perry	7	15	11	4	5	4	2
Philadelphia	402	284	417	176	91	128	134
Pike	7	6	12	7	6	6	0
Potter	2	10	4	3	0	2	4
Schuylkill	52	43	36	25	14	21	33
Snyder	16	16	13	2	2	3	1
Somerset	18	14	15	12	7	4	4
Sullivan	5	4	3	1	2	1	1
Susquehanna	13	11	7	7	2	2	5
Tioga	8	12	4	5	4	4	3
Union	8	7	8	1	7	2	1
Venango	18	17	5	5	5	4	6
Warren	8	14	4	5	0	5	3
Washington	65	62	34	29	22	26	20
Wayne	14	16	8	11	4	8	2
Westmoreland	117	114	89	46	38	33	31
Wyoming	5	8	9	3	1	1	3
York	80	60	60	50	33	24	39

Table C-33 (Continued)
Selected Causes of Death by County, Pennsylvania Residents, 2008

County	In Situ, Benign, & Uncertain Neoplasms	Assault (Homicide)	Perinatal Condition	Athero-sclerosis	HIV Disease	All Other Causes
All Counties	823	692	611	339	304	22,435
Adams	4	1	5	1	0	140
Allegheny	96	108	66	29	28	2,498
Armstrong	1	0	2	1	1	122
Beaver	18	9	4	1	1	389
Bedford	2	2	4	10	0	57
Berks	28	15	21	7	12	588
Blair	10	5	1	4	2	225
Bradford	6	1	1	2	0	125
Bucks	31	5	16	12	4	1,012
Butler	12	1	9	3	1	290
Cambria	10	7	5	2	0	272
Cameron	0	0	0	0	0	5
Carbon	5	2	3	6	1	122
Centre	6	0	6	5	0	163
Chester	30	5	12	5	2	650
Clarion	4	0	1	0	0	70
Clearfield	7	3	2	1	0	149
Clinton	4	1	0	0	0	87
Columbia	3	1	1	1	0	112
Crawford	7	1	3	3	1	152
Cumberland	14	1	8	5	4	410
Dauphin	10	11	21	8	5	411
Delaware	30	43	36	14	34	995
Elk	3	1	2	0	0	54
Erie	17	7	20	5	2	451
Fayette	12	6	9	11	0	307
Forest	0	0	0	1	0	19
Franklin	8	2	4	5	2	245
Fulton	1	0	0	1	0	35
Greene	2	2	4	1	0	61
Huntingdon	4	0	0	0	0	80
Indiana	5	1	2	1	1	169
Jefferson	6	2	3	11	0	80
Juniata	1	0	1	0	0	43
Lackawanna	24	8	10	4	3	475
Lancaster	32	13	17	15	8	880
Lawrence	7	2	2	1	0	188
Lebanon	8	3	11	0	0	279
Lehigh	27	16	24	1	9	584
Luzerne	29	8	11	54	3	773
Lycoming	8	5	3	0	2	235
McKean	3	0	1	2	0	90
Mercer	10	2	3	1	1	261
Mifflin	3	1	6	0	0	88
Monroe	9	6	4	2	1	199
Montgomery	55	13	24	16	8	1,373
Montour	0	0	1	0	0	46
Northampton	19	8	8	12	2	463
Northumberland	7	1	1	3	0	184
Perry	1	0	5	0	1	76
Philadelphia	71	317	159	22	149	2,612
Pike	3	0	0	0	0	48
Potter	0	1	0	0	0	32
Schuylkill	10	2	1	5	3	316
Snyder	2	2	3	0	0	63
Somerset	5	3	2	2	0	135
Sullivan	0	0	0	0	0	30
Susquehanna	1	1	1	0	0	80
Tioga	3	1	1	1	0	79
Union	2	1	3	0	0	56
Venango	3	0	1	1	1	139
Warren	2	2	2	0	0	82
Washington	14	6	8	3	1	433
Wayne	4	1	0	0	0	103
Westmoreland	36	8	8	32	3	794
Wyoming	4	1	0	0	0	44
York	24	17	19	6	8	607

Table C-34

Selected Causes of Death by County, Number and Average Annual Rate*:
Pennsylvania Residents, 2004-2008

County	Diseases of Heart		Malignant Neoplasms		Cerebrovascular Disease		Chronic Lower Respiratory Disease		Accidents	
	Number	Rate	Number	Rate	Number	Rate	Number	Rate	Number	Rate
All Counties	171,069	275.2	144,983	233.3	36,176	58.2	30,364	48.9	26,675	42.9
Adams	1,410	281.4	1,003	200.2	241	48.1	234	46.7	205	40.9
Allegheny	20,043	326.2	16,586	269.9	4,129	67.2	3,310	53.9	2,585	42.1
Armstrong	1,136	324.6	961	274.6	239	68.3	204	58.3	193	55.2
Beaver	2,937	334.8	2,361	269.1	573	65.3	541	61.7	401	45.7
Bedford	700	280.4	587	235.2	220	88.1	113	45.3	137	54.9
Berks	4,753	238.3	4,079	204.5	1,284	64.4	836	41.9	669	33.5
Blair	2,384	377.5	1,701	269.4	444	70.3	379	60.0	364	57.6
Bradford	904	291.3	770	248.2	152	49.0	155	50.0	126	40.6
Bucks	5,914	190.5	6,079	195.8	1,524	49.1	1,305	42.0	1,071	34.5
Butler	2,512	275.9	1,952	214.4	545	59.9	498	54.7	361	39.6
Cambria	2,725	371.8	1,983	270.6	464	63.3	403	55.0	449	61.3
Cameron	93	339.5	86	313.9	16	58.4	16	58.4	22	80.3
Carbon	1,059	338.9	869	278.1	176	56.3	175	56.0	171	54.7
Centre	1,222	171.8	1,018	143.1	254	35.7	249	35.0	194	27.3
Chester	4,595	191.5	4,268	177.9	955	39.8	809	33.7	709	29.5
Clarion	581	287.5	484	239.5	122	60.4	112	55.4	93	46.0
Clearfield	1,410	341.8	1,045	253.3	265	64.2	278	67.4	234	56.7
Clinton	630	338.0	484	259.6	146	78.3	107	57.4	98	52.6
Columbia	1,091	336.0	794	244.5	217	66.8	145	44.7	156	48.0
Crawford	1,252	280.8	1,099	246.5	301	67.5	285	63.9	221	49.6
Cumberland	2,874	254.8	2,240	198.6	668	59.2	606	53.7	367	32.5
Dauphin	3,265	256.3	2,716	213.2	669	52.5	518	40.7	475	37.3
Delaware	7,472	269.3	6,565	236.6	1,778	64.1	1,411	50.9	1,075	38.7
Elk	440	265.5	449	271.0	125	75.4	103	62.2	90	54.3
Erie	3,590	256.3	3,206	228.9	815	58.2	698	49.8	541	38.6
Fayette	2,597	357.7	1,985	273.4	491	67.6	441	60.7	404	55.6
Forest	104	335.3	74	238.6	25	80.6	27	87.0	16	51.6
Franklin	1,636	234.6	1,529	219.2	379	54.3	345	49.5	299	42.9
Fulton	148	200.1	155	209.5	35	47.3	23	31.1	49	66.2
Greene	569	285.6	486	244.0	80	40.2	132	66.3	110	55.2
Huntingdon	656	286.7	514	224.6	124	54.2	135	59.0	114	49.8
Indiana	1,139	258.2	890	201.7	229	51.9	156	35.4	209	47.4
Jefferson	769	337.8	556	244.2	218	95.8	131	57.5	123	54.0
Juniata	320	274.2	255	218.5	58	49.7	48	41.1	58	49.7
Lackawanna	4,359	416.0	2,866	273.5	734	70.0	685	65.4	469	44.8
Lancaster	5,467	221.0	5,232	211.5	1,390	56.2	1,161	46.9	924	37.4
Lawrence	1,503	327.3	1,342	292.2	303	66.0	269	58.6	221	48.1
Lebanon	1,838	290.0	1,557	245.7	350	55.2	352	55.5	236	37.2
Lehigh	3,839	230.0	3,629	217.4	813	48.7	699	41.9	705	42.2
Luzerne	6,299	402.9	4,311	275.7	957	61.2	896	57.3	759	48.5
Lycoming	1,625	276.3	1,376	234.0	380	64.6	399	67.8	241	41.0
McKean	710	322.3	598	271.4	142	64.5	151	68.5	97	44.0
Mercer	1,955	330.6	1,541	260.6	396	67.0	384	64.9	298	50.4
Mifflin	768	331.7	562	242.8	157	67.8	155	67.0	122	52.7
Monroe	1,434	175.4	1,484	181.5	260	31.8	304	37.2	378	46.2
Montgomery	8,679	223.7	8,226	212.0	2,370	61.1	1,673	43.1	1,396	36.0
Montour	300	335.0	262	292.6	77	86.0	55	61.4	42	46.9
Northampton	3,640	251.0	3,098	213.7	660	45.5	574	39.6	487	33.6
Northumberland	1,820	396.3	1,307	284.6	327	71.2	281	61.2	257	56.0
Perry	504	224.2	503	223.7	103	45.8	100	44.5	111	49.4
Philadelphia	19,687	270.5	17,225	236.6	4,048	55.6	2,938	40.4	3,567	49.0
Pike	486	169.4	516	179.8	82	28.6	106	36.9	104	36.2
Potter	250	287.2	252	289.5	49	56.3	49	56.3	48	55.1
Schuylkill	3,016	409.2	2,184	296.3	541	73.4	557	75.6	441	59.8
Snyder	425	222.8	383	200.8	96	50.3	72	37.7	72	37.7
Somerset	1,320	336.5	1,010	257.5	254	64.8	238	60.7	218	55.6
Sullivan	134	426.7	94	299.3	35	111.4	25	79.6	8	ND
Susquehanna	719	345.6	556	267.3	106	51.0	134	64.4	116	55.8
Tioga	550	267.1	509	247.2	119	57.8	109	52.9	89	43.2
Union	523	241.5	388	179.1	114	52.6	70	32.3	81	37.4
Venango	847	305.9	722	260.8	195	70.4	182	65.7	153	55.3
Warren	695	334.0	512	246.1	172	82.7	150	72.1	115	55.3
Washington	3,069	297.8	2,828	274.4	648	62.9	583	56.6	472	45.8
Wayne	862	338.9	722	283.9	161	63.3	129	50.7	155	60.9
Westmoreland	6,019	329.5	4,858	266.0	1,171	64.1	1,045	57.2	929	50.9
Wyoming	381	272.1	312	222.8	87	62.1	78	55.7	76	54.3
York	4,416	213.1	4,189	202.1	918	44.3	833	40.2	899	43.4

*Rate per 100,000 population for each county, 2004-2008.

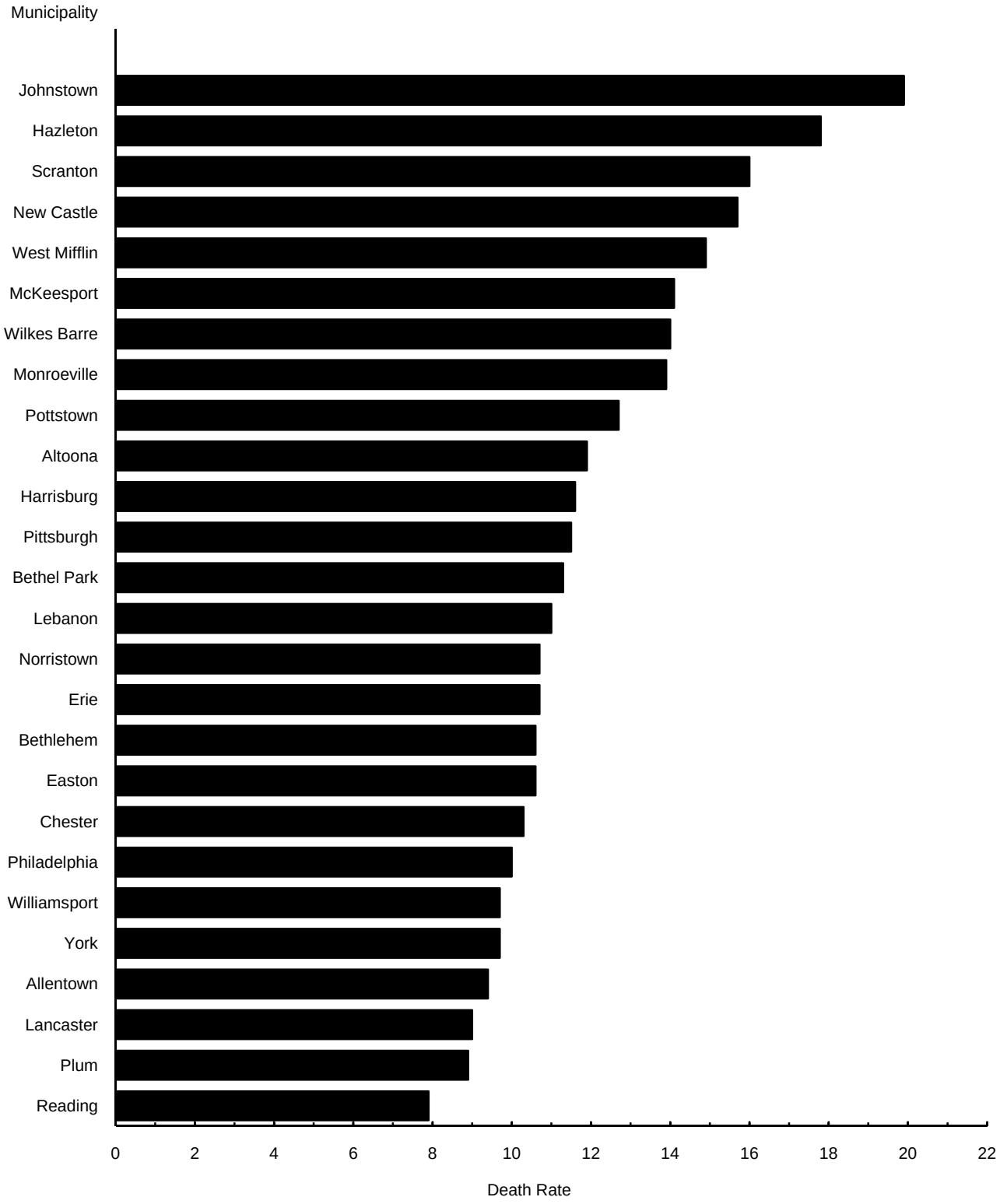
Note: Rates based on less than 10 events are considered statistically unreliable and are not displayed (ND).

Table C-35
Resident Live Births, All Deaths, Infant, and Neonatal Deaths for Selected Municipalities, Number and Rate*: Pennsylvania, 2008

Municipality	Live Births		All Deaths		Infant Deaths		Neonatal Deaths	
	Number	Rate	Number	Rate	Number	Rate	Number	Rate
State Total	148,934	12.0	126,332	10.1	1,090	7.3	779	5.2
Allentown	2,071	19.3	1,012	9.4	19	9.2	17	8.2
Altoona	626	13.6	550	11.9	3	ND	1	ND
Bethel Park	274	8.7	356	11.3	2	ND	0	ND
Bethlehem	906	12.5	765	10.6	9	ND	7	ND
Chester	618	16.9	376	10.3	7	ND	3	ND
Easton	503	19.3	277	10.6	3	ND	1	ND
Erie	1,678	16.2	1,116	10.7	23	13.7	14	8.3
Harrisburg	1,089	23.1	546	11.6	17	15.6	13	11.9
Hazleton	379	17.4	387	17.8	3	ND	0	ND
Johnstown	331	15.3	430	19.9	5	ND	3	ND
Lancaster	1,179	21.6	489	9.0	9	ND	7	ND
Lebanon	476	19.8	266	11.0	11	23.1	6	ND
McKeesport	245	11.1	312	14.1	2	ND	2	ND
Monroeville	274	9.9	385	13.9	3	ND	2	ND
New Castle	323	13.3	381	15.7	1	ND	0	ND
Norristown	806	25.3	342	10.7	13	16.1	11	13.6
Philadelphia	23,689	16.4	14,451	10.0	255	10.8	177	7.5
Pittsburgh	3,791	12.2	3,560	11.5	40	10.6	28	7.4
Plum	269	10.3	232	8.9	0	ND	0	ND
Pottstown	461	21.7	271	12.7	4	ND	4	ND
Reading	1,918	23.8	632	7.9	13	6.8	10	5.2
Scranton	971	13.4	1,156	16.0	8	ND	5	ND
State College	140	3.6	129	3.3	2	ND	2	ND
West Mifflin	222	10.7	308	14.9	2	ND	2	ND
Wilkes Barre	497	12.1	574	14.0	3	ND	2	ND
Williamsport	418	14.2	285	9.7	1	ND	1	ND
York	952	23.7	389	9.7	11	11.6	9	ND
All Other Areas	103,828	10.8	96,355	10.0	621	6.0	452	4.4

* Birth and death crude rates per 1,000 population, 2008. Infant and neonatal death rates per 1,000 live births, 2008.
Note: Rates based on less than 10 events are considered statistically unreliable and are not displayed (ND).

Figure C-35
Resident Crude Death Rates for Selected Municipalities
Pennsylvania, 2008



Note: Rate per 1,000 population, 2008. See Table C-35 for corresponding data.

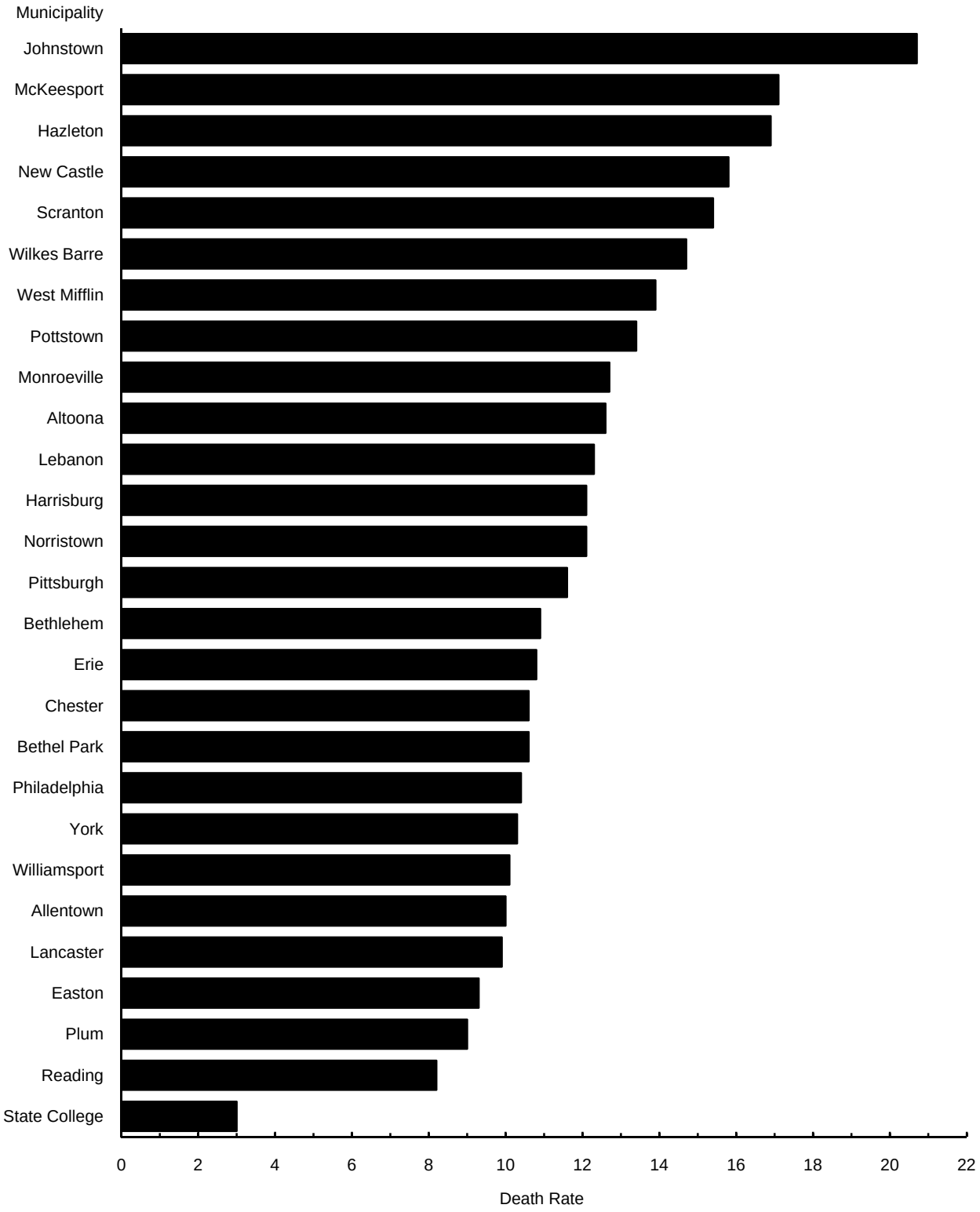
Table C-36
Resident Deaths, Infant, and Neonatal Deaths for Selected Municipalities
Number and Average Annual Rate*: Pennsylvania, 2004-2008

	All Deaths 2004 - 2008		Infant Deaths 2004 - 2008		Neonatal Deaths 2004 - 2008	
Municipality	Number	Rate	Number	Rate	Number	Rate
State Total	629,808	10.1	5,408	7.3	3,758	5.1
Allentown	5,334	10.0	80	7.9	58	5.8
Altoona	2,934	12.6	22	7.1	12	3.9
Bethel Park	1,698	10.6	7	ND	3	ND
Bethlehem	3,929	10.9	42	9.4	36	8.0
Chester	1,954	10.6	44	14.4	28	9.2
Easton	1,213	9.3	23	9.3	16	6.4
Erie	5,570	10.8	93	11.4	56	6.9
Harrisburg	2,855	12.1	65	12.2	49	9.2
Hazleton	1,857	16.9	14	7.4	8	ND
Johnstown	2,282	20.7	22	14.0	16	10.2
Lancaster	2,708	9.9	54	9.8	39	7.1
Lebanon	1,475	12.3	30	13.3	22	9.8
McKeesport	1,921	17.1	8	ND	7	ND
Monroeville	1,768	12.7	6	ND	5	ND
New Castle	1,943	15.8	15	8.8	9	ND
Norristown	1,864	12.1	38	9.8	32	8.3
Philadelphia	75,951	10.4	1,317	11.6	907	8.0
Pittsburgh	18,259	11.6	209	11.2	152	8.2
Plum	1,188	9.0	5	ND	5	ND
Pottstown	1,437	13.4	20	9.9	14	7.0
Reading	3,283	8.2	78	8.4	59	6.4
Scranton	5,594	15.4	31	6.5	22	4.6
State College	588	3.0	5	ND	3	ND
West Mifflin	1,465	13.9	11	9.6	11	9.6
Wilkes Barre	3,030	14.7	20	8.2	14	5.7
Williamsport	1,498	10.1	16	7.3	13	6.0
York	2,075	10.3	61	12.7	46	9.6
All Other Areas	474,135	9.9	3,072	5.9	2,116	4.1

* Crude death rate per 1,000 population for each specified area, 2004-2008. Infant and neonatal death rates per 1,000 live births for each specified area, 2004-2008.

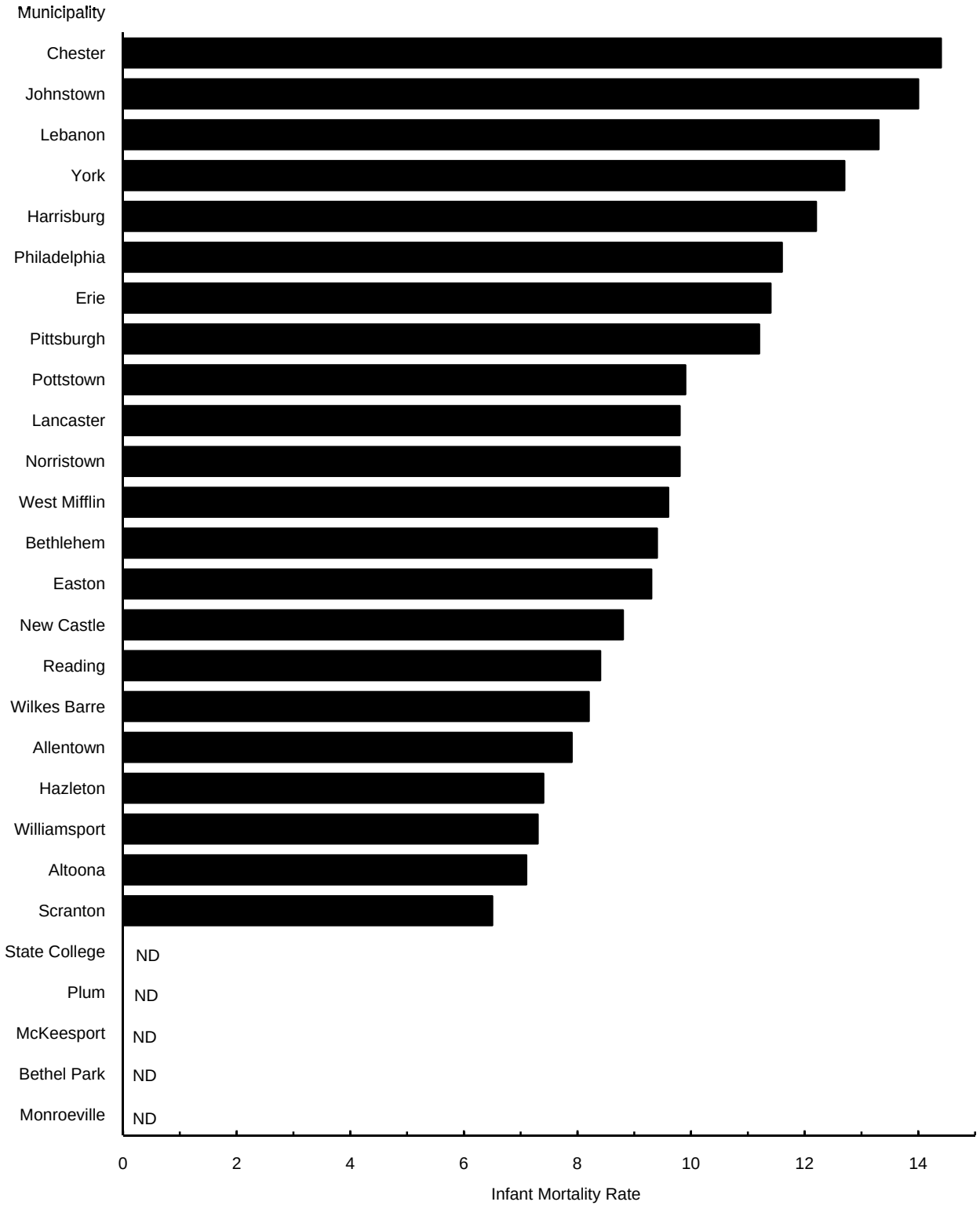
Notes: See Technical Notes for criteria used in municipality selection.
Rates based on less than 10 events are considered statistically unreliable and are not displayed (ND).

Figure C-36
Resident Average Annual Crude Death Rates
for Selected Municipalities, Pennsylvania, 2004-2008



Note: Rate per 1,000 population, 2004-2008. See Table C-36 for corresponding data.

Figure C-37
Resident Average Annual Infant Mortality Rates
for Selected Municipalities, Pennsylvania, 2004-2008



Notes: Rate per 1,000 live births, 2004-2008. See Table C-36 for corresponding data.
Rates based on less than 10 events are considered statistically unreliable and are not displayed (ND).

Table C-37
Resident Deaths by Age Group for Selected Municipalities
Pennsylvania, 2008

	Age at Death (In Years)												
Municipality	Total Deaths*	Under 5	5-9	10-14	15-19	20-24	25-34	35-44	45-54	55-64	65-74	75-84	85 & Over
State Total	126,332	1,253	77	108	484	842	1,647	3,039	7,836	12,996	18,998	36,250	42,792
Allentown	1,012	21	0	1	1	11	19	34	75	122	138	238	352
Altoona	550	3	2	0	3	2	8	20	40	60	95	156	161
Bethel Park	356	3	0	0	2	0	0	4	13	38	49	126	121
Bethlehem	765	10	4	3	3	1	5	13	42	58	86	231	309
Chester	376	8	1	0	1	7	16	12	38	64	76	77	76
Easton	277	3	0	1	2	3	4	15	21	31	32	84	81
Erie	1,116	25	1	0	2	5	17	21	97	118	160	314	356
Harrisburg	546	18	2	0	2	3	14	27	64	81	83	128	124
Hazleton	387	5	0	0	2	4	4	11	15	32	62	101	151
Johnstown	430	5	0	0	1	3	9	13	26	43	59	124	147
Lancaster	489	10	0	1	1	4	16	20	45	68	82	113	129
Lebanon	266	11	0	1	1	2	5	10	26	28	38	71	72
McKeesport	312	2	0	0	3	2	3	6	18	32	55	93	98
Monroeville	385	3	0	0	3	2	4	11	10	20	52	134	146
New Castle	381	2	0	0	0	3	7	10	20	30	54	127	128
Norristown	342	15	1	0	2	1	6	12	38	50	50	70	96
Philadelphia	14,451	281	14	19	100	158	358	590	1,355	2,006	2,402	3,484	3,680
Pittsburgh	3,560	44	3	5	19	28	59	91	268	410	554	963	1,116
Plum	232	0	0	0	2	0	0	2	12	32	29	68	87
Pottstown	271	5	0	0	1	3	5	5	21	27	39	88	77
Reading	632	15	0	0	1	5	23	36	61	89	96	145	161
Scranton	1,156	10	0	2	1	7	10	29	77	106	162	320	432
State College	129	2	0	0	0	0	1	0	7	10	15	35	59
West Mifflin	308	2	0	0	2	3	2	6	15	25	44	106	103
Wilkes Barre	574	4	2	0	3	4	6	13	27	56	89	174	195
Williamsport	285	2	1	0	0	0	1	9	27	33	34	73	105
York	389	12	1	0	4	4	15	22	52	65	49	75	90
All Other Areas	96,355	732	45	75	322	577	1,030	1,997	5,326	9,262	14,314	28,532	34,140

*Includes any unknown ages.
Note: See Technical Notes for criteria used in municipality selection.

Table C-38
Resident Deaths by Race and Hispanic Origin
for Selected Municipalities, Pennsylvania, 2008

Municipality	Race: All Races	White	Black	Asian/ Pacific Islander	Hispanic Origin
State Total	126,332	113,923	11,586	662	1,466
Allentown	1,012	943	62	3	104
Altoona	550	538	12	0	0
Bethel Park	356	350	6	0	1
Bethlehem	765	734	27	2	46
Chester	376	95	281	0	8
Easton	277	251	23	2	12
Erie	1,116	995	116	3	9
Harrisburg	546	258	280	4	29
Hazleton	387	376	9	1	15
Johnstown	430	390	40	0	3
Lancaster	489	424	55	6	72
Lebanon	266	254	10	2	22
McKeesport	312	249	59	0	1
Monroeville	385	354	27	2	1
New Castle	381	361	20	0	0
Norristown	342	237	94	10	21
Philadelphia	14,451	7,634	6,534	249	595
Pittsburgh	3,560	2,538	1,005	13	9
Plum	232	223	9	0	0
Pottstown	271	237	32	1	3
Reading	632	555	70	2	113
Scranton	1,156	1,135	14	6	5
State College	129	124	3	0	0
West Mifflin	308	295	12	0	0
Wilkes Barre	574	554	19	0	9
Williamsport	285	264	21	0	0
York	389	292	91	1	32
All Other Areas	96,355	93,263	2,655	355	356

Notes: Hispanic origin can be of any race.
See Technical Notes for criteria used in municipality selection.

Table C-39
Resident Infant Deaths by Race and Hispanic Origin for Selected Municipalities, Pennsylvania, 2008

Municipality	Race			Hispanic Origin
	All Races	White	Black	
State Total	1,090	716	322	101
Allentown	19	10	8	7
Altoona	3	3	0	0
Bethel Park	2	2	0	0
Bethlehem	9	6	3	2
Chester	7	1	6	1
Easton	3	2	1	1
Erie	23	10	11	1
Harrisburg	17	11	6	3
Hazleton	3	1	2	1
Johnstown	5	3	2	0
Lancaster	9	7	2	4
Lebanon	11	8	3	4
McKeesport	2	1	0	0
Monroeville	3	3	0	0
New Castle	1	1	0	0
Norristown	13	7	5	6
Philadelphia	255	72	164	34
Pittsburgh	40	10	29	1
Plum	0	0	0	0
Pottstown	4	3	0	1
Reading	13	10	2	9
Scranton	8	6	0	0
State College	2	1	0	0
West Mifflin	2	0	2	0
Wilkes Barre	3	3	0	0
Williamsport	1	1	0	0
York	11	5	5	2
All Other Areas	621	529	71	24

Notes: Hispanic origin can be of any race.
See Technical Notes for criteria used in municipality selection.

Table C-40
Resident Infant Deaths by Race and Hispanic Origin
for Selected Municipalities, Pennsylvania, 2004-2008

Municipality	Race: All Races 2004-2008	White	Black	Asian/ Pacific Islander	Hispanic Origin
State Total	5,408	3,443	1,683	119	448
Allentown	80	55	19	1	26
Altoona	22	17	5	0	0
Bethel Park	7	6	1	0	0
Bethlehem	42	32	7	3	14
Chester	44	5	39	0	3
Easton	23	10	8	1	4
Erie	93	51	36	2	4
Harrisburg	65	23	41	1	11
Hazleton	14	11	2	1	2
Johnstown	22	16	5	0	0
Lancaster	54	44	9	1	24
Lebanon	30	27	3	0	12
McKeesport	8	3	4	0	0
Monroeville	6	5	1	0	0
New Castle	15	11	4	0	0
Norristown	38	13	23	1	12
Philadelphia	1,317	323	883	38	151
Pittsburgh	209	57	142	6	2
Plum	5	4	1	0	0
Pottstown	20	13	4	1	3
Reading	78	58	18	0	46
Scranton	31	25	3	2	2
State College	5	2	0	2	0
West Mifflin	11	6	5	0	0
Wilkes Barre	20	18	2	0	2
Williamsport	16	11	5	0	0
York	61	34	25	1	17
All Other Areas	3,072	2,563	388	58	113

Notes: Hispanic origin can be of any race.
See Technical Notes for criteria used in municipality selection.

Table C-41
Selected Causes of Death for Selected Municipalities
Pennsylvania Residents, 2008

Municipality	All Causes	Diseases of Heart				Malignant Neoplasms		
		Total Diseases of Heart	Ischemic Excl. Acute Myocardial Infarction	Acute Myocardial Infarction	Other Heart Disease	Total Malignant Neoplasms	Bronchus and Lung	Colon and Rectum
State Total	126,332	33,179	13,865	7,138	12,176	28,699	7,868	2,783
Allentown	1,012	240	95	60	85	207	49	22
Altoona	550	182	41	25	116	132	39	13
Bethel Park	356	95	40	27	28	84	26	7
Bethlehem	765	189	81	26	82	181	56	17
Chester	376	87	33	17	37	86	28	10
Easton	277	85	60	10	15	56	14	3
Erie	1,116	314	92	75	147	257	77	23
Harrisburg	546	151	52	31	68	102	28	7
Hazleton	387	112	43	38	31	65	15	5
Johnstown	430	139	65	30	44	88	20	5
Lancaster	489	118	58	18	42	105	35	10
Lebanon	266	48	20	9	19	70	22	12
McKeesport	312	95	42	34	19	50	14	4
Monroeville	385	106	50	29	27	81	18	12
New Castle	381	99	56	13	30	73	28	7
Norristown	342	82	48	11	23	67	23	8
Philadelphia	14,451	3,671	1,521	640	1,510	3,256	904	327
Pittsburgh	3,560	925	445	204	276	777	214	73
Plum	232	61	28	19	14	49	16	7
Pottstown	271	63	28	9	26	52	15	5
Reading	632	160	32	67	61	132	34	16
Scranton	1,156	348	118	66	164	225	60	24
State College	129	31	8	6	17	30	9	2
West Mifflin	308	82	34	21	27	78	29	9
Wilkes Barre	574	155	86	27	42	120	31	15
Williamsport	285	73	18	19	36	59	18	6
York	389	101	42	25	34	79	24	8
All Other Areas	96,355	25,367	10,629	5,582	9,156	22,138	6,022	2,126

Note: See Tables C-17B and C-17C regarding change in cancer site definitions.

Table C-41 (Continued)
Selected Causes of Death for Selected Municipalities
Pennsylvania Residents, 2008

	Malignant Neoplasms					
Municipality	Female Breast	Pancreas	Prostate	Leukemias	Non-Hodgkin's Lymphomas	All Other Sites
State Total	2,083	1,768	1,451	1,193	1,104	10,449
Allentown	13	15	12	5	10	81
Altoona	8	8	9	3	6	46
Bethel Park	10	6	3	2	5	25
Bethlehem	16	12	8	8	8	56
Chester	8	4	8	2	1	25
Easton	2	2	2	4	2	27
Erie	17	12	18	8	6	96
Harrisburg	10	7	4	7	2	37
Hazleton	6	10	1	2	2	24
Johnstown	7	7	4	2	3	40
Lancaster	5	3	5	3	7	37
Lebanon	5	5	2	0	1	23
McKeesport	3	2	6	1	3	17
Monroeville	8	6	4	1	5	27
New Castle	5	3	2	3	4	21
Norristown	4	5	2	1	3	21
Philadelphia	281	187	176	126	95	1,160
Pittsburgh	63	46	33	33	33	282
Plum	5	2	3	1	3	12
Pottstown	6	4	4	0	0	18
Reading	9	4	4	3	7	55
Scranton	12	16	13	12	7	81
State College	3	4	1	2	2	7
West Mifflin	5	4	5	1	3	22
Wilkes Barre	9	8	4	5	2	46
Williamsport	0	3	1	2	4	25
York	5	2	2	2	2	34
All Other Areas	1,558	1,381	1,115	954	878	8,104

Note: See Tables C-17B and C-17C regarding change in cancer site definitions.

Table C-41 (Continued)
Selected Causes of Death for Selected Municipalities
Pennsylvania Residents, 2008

Municipality	Chronic Lower Respiratory Dis.	Cerebrovascu-lar Disease	Accidents			Alzheimer's Disease	Diabetes Mellitus
			Non-Transport	Motor Vehicle	Other Transport		
State Total	6,695	6,676	4,069	1,530	70	3,844	3,292
Allentown	50	42	44	8	0	30	34
Altoona	30	22	20	7	0	6	12
Bethel Park	23	18	8	1	0	14	9
Bethlehem	35	38	29	8	1	21	21
Chester	22	24	10	0	0	4	5
Easton	15	13	10	3	1	2	10
Erie	61	52	34	4	1	48	27
Harrisburg	20	30	17	6	0	13	20
Hazleton	21	13	17	5	1	7	15
Johnstown	20	25	19	1	1	17	8
Lancaster	34	19	18	8	0	14	14
Lebanon	14	15	8	4	0	5	5
McKeesport	13	17	15	3	0	5	9
Monroeville	19	25	15	1	0	12	9
New Castle	26	20	18	2	0	11	10
Norristown	23	13	19	4	0	12	5
Philadelphia	591	723	592	114	10	192	340
Pittsburgh	177	190	152	16	3	77	75
Plum	12	17	5	2	0	22	3
Pottstown	12	18	11	4	0	7	12
Reading	22	38	27	11	0	12	20
Scranton	60	58	38	8	1	44	27
State College	8	9	2	1	0	1	3
West Mifflin	15	13	5	3	0	9	4
Wilkes Barre	39	26	18	4	0	12	9
Williamsport	20	12	7	1	0	13	5
York	15	17	19	8	0	4	15
All Other Areas	5,298	5,169	2,892	1,293	51	3,230	2,566

Table C-41 (Continued)
Selected Causes of Death for Selected Municipalities
Pennsylvania Residents, 2008

Municipality	Nephritis, Nephrotic Syn. & Nephrosis	Influenza & Pneumonia	Septicemia	Intentional Self-harm (Suicide)	Parkinson's Disease	Chronic Liver Disease & Cirrhosis	Essential Hypertension & Hypertensive Renal Disease
State Total	3,116	2,701	2,417	1,522	1,187	1,094	1,037
Allentown	22	15	22	17	11	13	9
Altoona	12	16	8	4	2	7	5
Bethel Park	8	6	5	1	3	3	1
Bethlehem	17	16	23	8	8	6	7
Chester	14	10	10	0	1	3	1
Easton	11	4	9	3	2	3	3
Erie	33	23	18	17	5	11	10
Harrisburg	18	13	27	3	4	3	4
Hazleton	7	16	10	6	2	5	5
Johnstown	13	12	6	3	1	8	4
Lancaster	7	7	10	5	6	10	7
Lebanon	13	3	6	3	0	4	4
McKeesport	10	8	13	4	4	1	4
Monroeville	9	12	6	1	3	3	3
New Castle	12	12	9	5	1	3	12
Norristown	11	6	1	6	1	7	5
Philadelphia	402	284	417	176	91	128	134
Pittsburgh	104	83	87	33	29	36	33
Plum	4	4	6	2	3	4	2
Pottstown	9	12	8	6	3	3	1
Reading	16	8	11	10	5	7	4
Scranton	28	20	31	16	15	11	7
State College	0	8	0	0	2	0	2
West Mifflin	9	7	7	4	4	3	0
Wilkes Barre	14	7	10	3	3	2	3
Williamsport	8	3	5	3	1	1	4
York	5	4	8	8	0	7	1
All Other Areas	2,300	2,082	1,644	1,175	977	802	762

Table C-41 (Continued)
Selected Causes of Death for Selected Municipalities
Pennsylvania Residents, 2008

Municipality	In Situ, Benign, & Uncertain Neoplasms	Assault (Homicide)	Perinatal Condition	Athero-sclerosis	HIV Disease	All Other Causes
State Total	823	692	611	339	304	22,435
Allentown	8	15	14	0	7	204
Altoona	2	2	1	1	0	79
Bethel Park	2	0	0	0	1	74
Bethlehem	6	1	7	1	1	141
Chester	0	20	1	0	11	67
Easton	0	4	1	0	1	41
Erie	6	7	13	1	2	172
Harrisburg	3	5	12	1	5	89
Hazleton	1	1	0	12	0	66
Johnstown	1	3	2	0	0	59
Lancaster	2	3	5	1	4	92
Lebanon	2	2	5	0	0	55
McKeesport	0	4	1	2	1	53
Monroeville	2	2	1	0	0	75
New Castle	4	2	0	0	0	62
Norristown	0	3	7	1	2	67
Philadelphia	71	317	159	22	149	2,612
Pittsburgh	20	62	26	5	10	640
Plum	3	0	0	1	0	32
Pottstown	1	3	2	1	1	42
Reading	1	10	8	1	7	122
Scranton	11	5	3	2	3	195
State College	0	0	2	1	0	29
West Mifflin	3	3	1	1	0	57
Wilkes Barre	8	3	2	10	2	124
Williamsport	1	3	1	0	2	63
York	1	9	6	0	6	76
All Other Areas	664	203	331	275	89	17,047

Table C-42
Selected Causes of Death for Selected Municipalities
Number and Average Annual Rate*: Pennsylvania Residents, 2004-2008

Municipality	Diseases of Heart		Malignant Neoplasms		Cerebrovascular Disease		Chronic Lower Respiratory Disease		Accidents	
	Number	Rate	Number	Rate	Number	Rate	Number	Rate	Number	Rate
State Total	171,069	275.2	144,983	233.3	36,176	58.2	30,364	48.9	26,675	42.9
Allentown	1,301	243.9	1,156	216.8	274	51.4	235	44.1	256	48.0
Altoona	910	389.8	695	297.7	148	63.4	145	62.1	155	66.4
Bethel Park	452	282.7	431	269.6	98	61.3	72	45.0	52	32.5
Bethlehem	1,049	289.9	904	249.9	209	57.8	181	50.0	161	44.5
Chester	423	230.5	450	245.3	122	66.5	92	50.1	80	43.6
Easton	393	301.0	241	184.6	46	35.2	60	46.0	51	39.1
Erie	1,449	280.5	1,241	240.2	331	64.1	301	58.3	229	44.3
Harrisburg	733	310.4	566	239.7	175	74.1	111	47.0	116	49.1
Hazleton	607	553.5	327	298.2	73	66.6	84	76.6	75	68.4
Johnstown	672	608.6	492	445.6	119	107.8	106	96.0	127	115.0
Lancaster	639	233.6	578	211.3	138	50.5	160	58.5	148	54.1
Lebanon	382	318.6	349	291.1	78	65.1	91	75.9	62	51.7
McKeesport	608	540.9	381	339.0	93	82.7	82	73.0	67	59.6
Monroeville	494	353.8	407	291.5	130	93.1	80	57.3	49	35.1
New Castle	507	411.9	412	334.7	119	96.7	97	78.8	88	71.5
Norristown	450	291.5	354	229.3	100	64.8	103	66.7	125	81.0
Philadelphia	19,687	270.8	17,225	236.9	4,048	55.7	2,938	40.4	3,567	49.1
Pittsburgh	5,008	318.7	4,138	263.3	988	62.9	842	53.6	821	52.2
Plum	347	263.6	282	214.2	72	54.7	54	41.0	48	36.5
Pottstown	324	303.0	287	268.4	91	85.1	83	77.6	82	76.7
Reading	889	220.9	664	165.0	214	53.2	144	35.8	155	38.5
Scranton	1,724	474.1	1,135	312.1	306	84.2	314	86.4	192	52.8
State College	161	81.9	115	58.5	42	21.4	27	13.7	15	7.6
West Mifflin	408	388.3	358	340.7	89	84.7	63	60.0	53	50.4
Wilkes Barre	886	430.4	578	280.8	141	68.5	153	74.3	113	54.9
Williamsport	387	260.0	321	215.7	100	67.2	86	57.8	54	36.3
York	533	265.4	425	211.6	89	44.3	88	43.8	151	75.2
All Other Areas	129,646	270.3	110,471	230.4	27,743	57.9	23,572	49.2	19,583	40.8

*Rate per 100,000 population for each specified area, 2004-2008.

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Table D-1

Induced Abortions, Number and Rate, Pennsylvania Residents, and Number of Pennsylvania Occurrences, 1975, 1980-2008

Year	Residents Number	Residents Rate*	Number of Occurrences
2008	37,222	15.1	38,807
2007	35,217	14.2	36,663
2006	35,192	14.1	36,731
2005	33,468	13.4	34,909
2004	34,517	13.7	36,030
2003	35,215	14.0	36,908
2002	33,503	13.3	35,167
2001	35,025	13.8	36,820
2000	33,901	13.2	35,630
1999	32,863	13.1	34,494
1998	33,954	13.4	35,617
1997	35,478	13.9	37,135
1996	36,158	14.0	38,004
1995	37,173	14.3	39,050
1994	39,628	15.0	41,645
1993	45,198	17.1	47,926
1992	45,847	17.1	49,042
1991	47,750	17.8	50,988
1990	49,076	18.3	52,143
1989	48,274	17.5	51,341
1988	47,802	17.4	50,786
1987	48,931	17.9	51,630
1986	49,537	18.2	51,666
1985	51,054	18.8	53,465
1984	56,462	20.9	59,258
1983	55,726	20.7	59,288
1982	56,901	21.3	60,772
1981	58,820	22.1	62,701
1980	61,064	23.1	65,777
1975	38,050	15.1	43,319

*Rate per 1,000 female population age 15-44 years.

Table D-2

Induced Abortions by Age of Woman, Number and Rate, Pennsylvania Residents, 2008 and Number, Pennsylvania Occurrences, 2008, 2000, 1995, 1990, 1985, 1980, and 1975

Age of Woman (In Years)	2008 Residents Number	2008 Residents Rate*	Occurrences 2008	2000	1995	1990	1985	1980	1975
All Ages	37,222	15.1	38,807	35,630	39,050	52,143	53,465	65,777	43,319
Under 15	224	0.6	236	304	375	484	564	662	851
15 - 19	6,407	14.0	6,674	6,505	7,297	12,052	13,955	19,540	14,156
20 - 24	12,913	29.6	13,463	11,643	12,797	17,556	18,605	24,476	14,192
25 - 29	8,664	24.0	8,987	7,800	8,778	10,824	11,203	12,036	7,232
30 - 34	4,908	13.3	5,135	5,196	5,500	6,822	5,802	5,679	3,683
35 - 39	3,038	7.6	3,184	3,063	3,355	3,503	2,677	2,456	2,086
40 - 44	994	2.3	1,050	1,064	900	859	603	751	838
45 & Over	68	0.1	72	55	48	43	35	77	97
Unknown	6	-	6	0	0	0	21	100	184

*Rate per 1,000 female population by age group. All ages includes females age 15-44 years; under 15 includes females age 10-14 years; and 45 & over includes females age 45-49 years.

Table D-3
Induced Abortions by Weeks of Gestation,
Number and Percent: Pennsylvania Residents, 2008

Weeks of Gestation	Number	Percent
Total	37,222	100.0
8 Weeks or Less	21,579	58.0
9 - 10	7,106	19.1
11 - 12	3,704	10.0
13 - 14	2,165	5.8
15 - 17	1,583	4.3
18 - 20	777	2.1
21 - 23	308	0.8
24 Weeks or More	0	0.0

Table D-4
Induced Abortions by Primary Type of Procedure,
Number and Percent: Pennsylvania Residents, 2008

Primary Type of Procedure	Number	Percent
Total	37,222	100.0
Suction Curettage	29,363	78.9
Dilation & Evacuation	2,617	7.0
Medication	5,186	13.9
Other	56	0.2

Table D-5
Induced Abortions by Race and Hispanic Origin of Woman and Marital Status,
Number and Percent*: Pennsylvania Residents, 2008

Race and Hispanic Origin of Woman	Total Induced Abortions	Marital Status**			
		Married		Unmarried	
		Number	Percent	Number	Percent
All Races	37,222	4,785	12.9	32,437	87.1
White	18,755	2,886	15.4	15,869	84.6
Black	15,880	1,096	6.9	14,784	93.1
Asian/Pacific Isl.	1,335	631	47.3	704	52.7
Hispanic Origin	2,880	368	12.8	2,512	87.2

* Percent of total induced abortions for each specified group. Unknowns excluded from calculations.
** Unknown marital status included in total induced abortions.

Note: Hispanic origin can be of any race.

Figure D-1
Induced Abortions, Percent by Age Group
Pennsylvania Residents, 2008

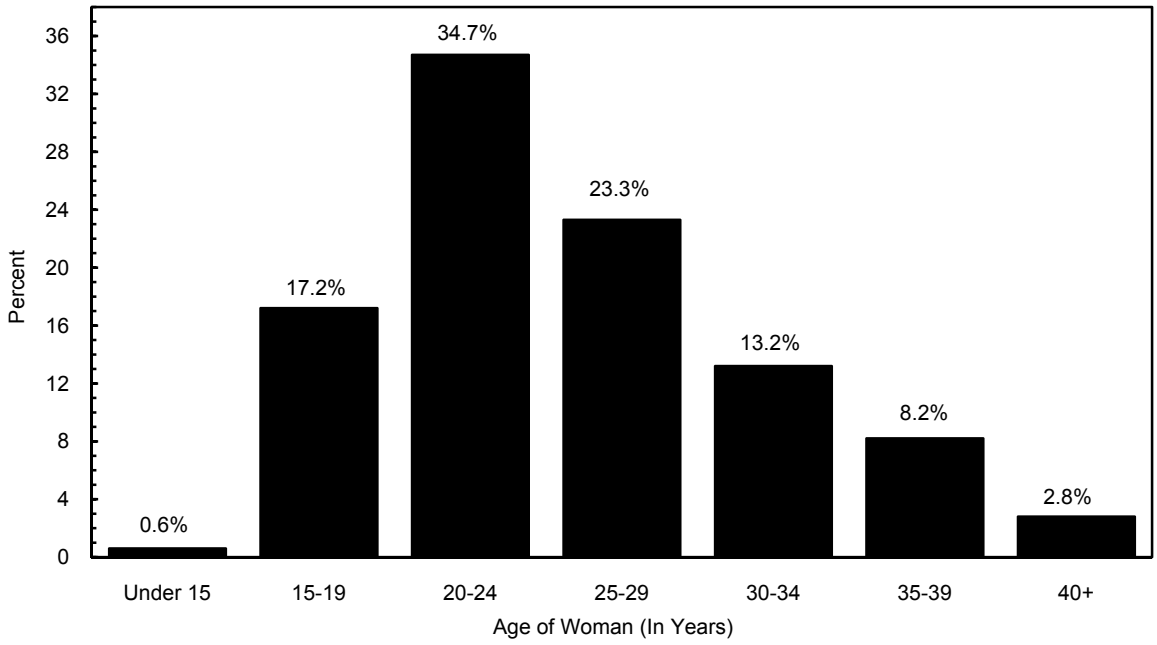

Figure D-2
Induced Abortions, Percent by Weeks of Gestation
Pennsylvania Residents, 2008

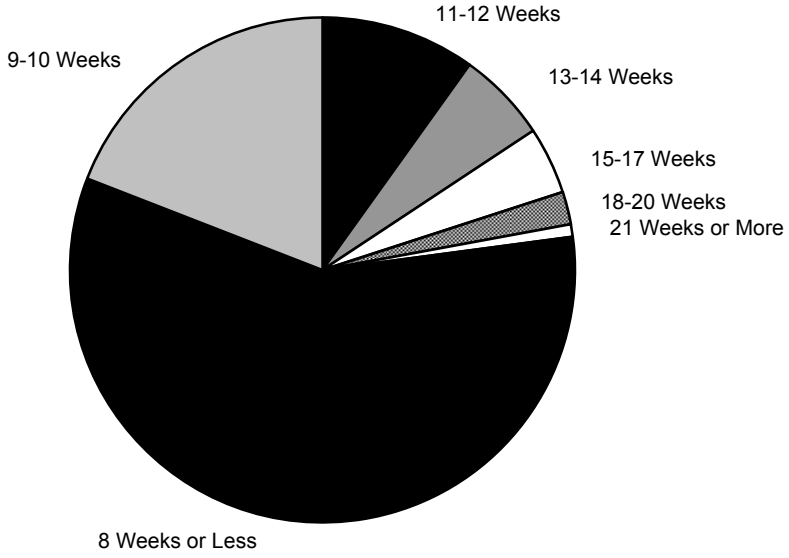

Table D-6
Induced Abortions by Age of Woman and County
Number and Rate*: Pennsylvania Residents, 2008

County	All Ages	Rate	Age of Woman (In Years) Under 15	15-19	20-24	25-29	30-34	35-39	40-44	45 & Over
All Counties	37,222	15.1	224	6,407	12,913	8,664	4,908	3,038	994	68
Adams	55	2.8	1	10	24	8	7	4	1	0
Allegheny	4,481	18.9	18	758	1,508	1,109	573	381	127	6
Armstrong	71	6.0	0	15	22	13	14	5	1	1
Beaver	346	10.9	1	66	114	79	41	32	12	1
Bedford	21	2.3	0	4	7	6	2	2	0	0
Berks	1,100	13.7	2	187	368	277	149	84	30	3
Blair	114	4.8	1	18	37	32	12	8	5	1
Bradford	10	0.9	0	1	3	1	3	2	0	0
Bucks	1,338	11.4	4	196	460	288	177	140	67	6
Butler	246	6.9	1	35	72	64	33	31	9	1
Cambria	146	5.6	0	20	53	35	17	18	2	1
Cameron	1	ND	0	0	0	1	0	0	0	0
Carbon	130	10.4	1	31	42	27	19	7	3	0
Centre	213	5.6	0	23	104	48	18	12	8	0
Chester	1,034	10.5	5	166	380	223	139	73	44	4
Clarion	41	4.9	0	8	23	4	3	1	2	0
Clearfield	58	4.1	0	10	19	10	11	6	2	0
Clinton	45	5.9	0	7	22	5	6	2	3	0
Columbia	82	5.4	1	19	34	10	10	5	3	0
Crawford	81	4.5	0	21	29	14	10	6	1	0
Cumberland	337	7.2	0	44	104	95	44	35	13	2
Dauphin	712	14.0	1	105	270	171	96	44	25	0
Delaware	2,008	17.8	14	366	728	421	267	163	48	1
Elk	29	5.1	0	9	11	3	1	4	0	1
Erie	266	4.6	1	48	94	61	38	18	6	0
Fayette	242	9.5	2	36	103	49	22	20	9	1
Forest	11	19.1	0	3	7	1	0	0	0	0
Franklin	10	0.4	0	3	5	0	0	2	0	0
Fulton	4	ND	0	0	0	3	0	1	0	0
Greene	59	8.1	0	13	22	12	6	2	4	0
Huntingdon	25	3.1	0	7	9	4	1	4	0	0
Indiana	165	8.4	0	38	65	31	11	18	2	0
Jefferson	35	4.3	0	9	6	13	5	2	0	0

(Continued)

Table D-6
Induced Abortions by Age of Woman and County
Number and Rate*: Pennsylvania Residents, 2008

County	All Ages	Rate	Age of Woman (In Years) Under 15	15-19	20-24	25-29	30-34	35-39	40-44	45 & Over
Juniata	15	3.6	0	2	3	5	2	2	0	1
Lackawanna	299	7.2	3	49	123	56	36	22	10	0
Lancaster	526	5.2	2	74	194	125	65	42	23	1
Lawrence	94	5.6	0	18	24	23	16	11	2	0
Lebanon	154	6.3	1	26	50	35	20	19	3	0
Lehigh	1,200	18.3	3	205	401	269	180	113	29	0
Luzerne	592	10.1	1	102	213	140	74	46	16	0
Lycoming	177	7.8	1	14	80	42	23	13	4	0
McKean	16	2.1	0	7	6	0	0	3	0	0
Mercer	79	3.6	1	10	25	23	11	7	1	1
Mifflin	34	4.1	0	3	13	8	4	4	2	0
Monroe	385	11.2	4	81	134	76	38	37	13	2
Montgomery	1,828	12.2	5	296	604	381	265	198	70	9
Montour	22	6.7	0	4	6	2	6	4	0	0
Northampton	709	12.1	1	125	233	152	111	60	27	0
Northumberland	83	5.4	0	9	35	22	8	7	2	0
Perry	49	5.5	0	6	22	9	7	5	0	0
Philadelphia	15,377	46.1	142	2,712	5,312	3,724	2,039	1,117	305	23
Pike	45	4.2	0	12	12	10	8	0	3	0
Potter	5	ND	0	2	1	1	0	1	0	0
Schuylkill	225	9.0	1	36	64	57	35	26	5	1
Snyder	15	1.8	0	3	8	1	0	3	0	0
Somerset	57	4.4	2	14	15	13	6	5	2	0
Sullivan	7	ND	0	2	1	1	1	2	0	0
Susquehanna	11	1.5	0	2	6	3	0	0	0	0
Tioga	7	ND	0	1	2	1	1	2	0	0
Union	22	2.8	0	5	5	7	1	3	1	0
Venango	55	5.8	0	7	26	12	9	1	0	0
Warren	17	2.4	0	6	4	3	1	1	2	0
Washington	342	8.9	1	55	118	78	47	32	11	0
Wayne	41	4.9	0	10	11	8	8	1	3	0
Westmoreland	560	8.7	1	107	180	126	69	59	17	1
Wyoming	22	4.2	0	5	4	7	4	1	1	0
York	603	7.2	2	112	220	122	75	55	15	0

*Rate per 1,000 female population age 15-44 years.
Note: Rates based on less than 10 events are considered statistically unreliable and not displayed (ND).
Total includes unknown county.

Table D-7
Induced Abortions by County of Procedure
Pennsylvania Occurrences, 2008

County	Number	County	Number
All Counties	38,807		
Adams	0	Juniata	0
Allegheny	8,409	Lackawanna	0
Armstrong	0	Lancaster	0
Beaver	0	Lawrence	0
Bedford	0	Lebanon	0
Berks	795	Lehigh	5,133
Blair	0	Luzerne	0
Bradford	0	Lycoming	0
Bucks	1,095	McKean	0
Butler	0	Mercer	0
Cambria	0	Mifflin	0
Cameron	0	Monroe	13
Carbon	0	Montgomery	373
Centre	0	Montour	12
Chester	1,091	Northampton	0
Clarion	0	Northumberland	0
Clearfield	0	Perry	0
Clinton	0	Philadelphia	18,633
Columbia	0	Pike	0
Crawford	0	Potter	0
Cumberland	0	Schuylkill	0
Dauphin	1,893	Snyder	0
Delaware	801	Somerset	0
Elk	0	Sullivan	0
Erie	0	Susquehanna	0
Fayette	0	Tioga	0
Forest	0	Union	1
Franklin	0	Venango	0
Fulton	0	Warren	0
Greene	0	Washington	0
Huntingdon	0	Wayne	0
Indiana	0	Westmoreland	0
Jefferson	0	Wyoming	0
		York	558

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Table E-1
Reported Pregnancies, Number and Rate*:
Pennsylvania Residents, 1980-2008

Year	Number	Rate
2008	187,696	76.0
2007	187,112	75.4
2006	185,257	74.1
2005	179,896	71.9
2004	180,060	71.7
2003	182,092	72.3
2002	177,290	70.1
2001	179,915	70.9
2000	181,321	70.8
1999	179,291	71.5
1998	181,218	71.7
1997	181,016	70.9
1996	185,587	71.8
1995	189,713	72.8
1994	197,772	75.1
1993	206,537	77.9
1992	211,205	79.0
1991	217,330	80.9
1990	222,084	82.6
1989	218,258	79.2
1988	214,884	78.1
1987	213,173	77.9
1986	211,649	77.7
1985	212,828	78.2
1984	215,070	79.4
1983	215,506	80.0
1982	220,394	82.3
1981	220,936	83.0
1980	222,220	84.2

*Rate per 1,000 female population age 15-44 years.

Table E-2
Reported Pregnancies by Age of Woman, Number and Rate*:
Pennsylvania Residents, 2008, 2000, 1990, and 1980

Age of Woman	2008		2000		1990		1980	
(In Years)	Number	Rate	Number	Rate	Number	Rate	Number	Rate
All Ages	187,696	76.0	181,321	70.8	222,084	82.6	222,220	84.2
Under 15	389	1.0	596	1.4	900	2.4	953	2.1
15 - 17	6,397	24.4	6,837	28.1	10,557	47.8	15,123	48.5
18 - 19	13,892	70.8	13,658	78.5	19,056	105.0	25,113	112.4
20 - 29	98,547	123.7	90,358	122.2	123,875	138.0	139,946	138.1
30 & Over	68,362	40.8	69,872	37.5	67,696	39.2	41,085	29.3
Unknown	109	-	**		**		**	

* Rate per 1,000 female population for each year by age group. All ages includes females age 15-44 years; under 15 includes females age 10-14 years; and 30 & over includes females age 30-49 years.
** Unknown age of woman included in the age group 20-29 years.

Note: Unknowns excluded from calculations for 2008.

Table E-3
Reported Pregnancies by Age, Race and Hispanic Origin of Woman
Number and Rate*: Pennsylvania Residents, 2008

Age of Woman (In Years)	Race: All Races Number	All Races Rate	White Number	White Rate	Black Number	Black Rate	Asian/Pacific Islander Number	Asian/Pacific Islander Rate	Hispanic Origin Number	Hispanic Origin Rate
All Ages	187,696	76.0	127,231	62.1	38,646	124.3	6,772	93.5	16,916	120.3
Under 15	389	1.0	100	0.3	249	4.7	3	ND	46	1.6
15 - 17	6,397	24.4	2,709	12.5	2,654	75.5	66	11.4	1,093	66.2
18 - 19	13,892	70.8	7,302	44.9	4,799	190.6	164	33.8	1,905	156.1
20 - 24	47,288	108.5	28,982	81.1	12,626	212.0	809	70.2	5,668	212.2
25 - 29	51,259	142.0	36,220	123.2	9,200	181.4	1,985	183.0	4,244	190.9
30 - 34	41,349	112.1	31,243	102.6	5,564	120.6	2,245	166.2	2,492	117.0
35 - 39	21,854	54.3	16,702	49.4	2,802	60.5	1,215	88.3	1,218	54.6
40 - 44	4,836	11.0	3,663	9.7	698	14.6	259	21.4	233	12.0
45 & Over	323	0.7	249	0.6	36	0.8	22	2.2	11	0.6
Unknown	109	-	61	-	18	-	4	-	6	-

* Rate per 1,000 female population for each specified group, 2008. All ages includes females age 15-44 years; under 15 includes females 10-14 years; and 45 & over includes females age 45-49 years.

Notes: Unknowns excluded from calculations.
Hispanic origin can be of any race.
Rates based on less than 10 events are considered statistically unreliable and are not displayed (ND).
Starting with 2003, the collection process for race on the birth certificate data has changed. Please refer to Section F of the Technical Notes for further explanation.

Table E-4
Reported Pregnancies by Race and Hispanic Origin of Woman and Outcome
Number and Percent*: Pennsylvania Residents, 2008

Race and Hispanic Origin of Woman	Reported Pregnancies	Outcome: Live Births Number	Live Births Percent	Fetal Deaths Number	Fetal Deaths Percent	Induced Abortions Number	Induced Abortions Percent
All Races	187,696	148,934	79.3	1,540	0.8	37,222	19.8
White	127,231	107,623	84.6	853	0.7	18,755	14.7
Black	38,646	22,430	58.0	336	0.9	15,880	41.1
Asian/Pac. Isl.	6,772	5,402	79.8	35	0.5	1,335	19.7
Hispanic Origin	16,916	13,883	82.1	153	0.9	2,880	17.0

* Percent of total reported pregnancies for each specified group.

Notes: Hispanic origin can be of any race.
Starting with 2003, the collection process for race data on the birth certificate has changed. Please refer to Section F of the Technical Notes for further explanation.

Figure E-1
Reported Pregnancies, Percent by Woman's Age Group
Pennsylvania Residents, 2008

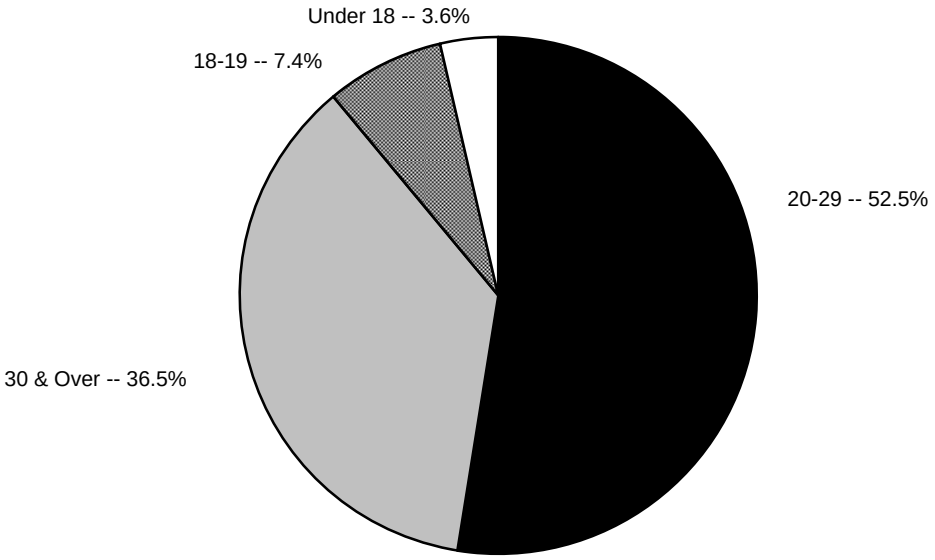
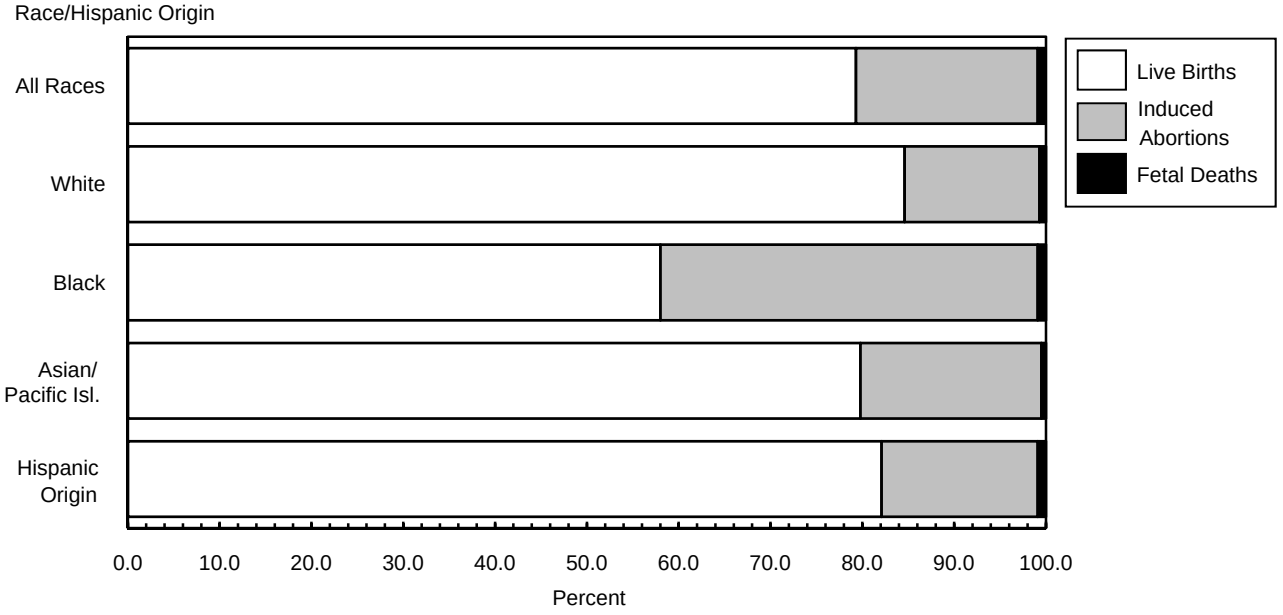


Figure E-2
Reported Pregnancies by Race and Hispanic Origin of Woman and Outcome, Pennsylvania Residents, 2008



Note: Hispanic origin can be of any race.

Table E-5
Reported Pregnancies by Outcome, Woman's Age Group and County of Residence, Pennsylvania, 2008

County/ Age of Woman*	Reported Pregnancies	Live Births	Fetal Deaths	Induced Abortions
State Total				
All Ages	187,696	148,934	1,540	37,222
Under 15	389	158	7	224
15-17	6,397	4,269	51	2,077
18-19	13,892	9,439	123	4,330
20-29	98,547	76,216	754	21,577
30 & Over	68,362	58,769	585	9,008
Adams				
All Ages	1,124	1,061	8	55
Under 15	1	0	0	1
15-17	33	30	0	3
18-19	93	85	1	7
20-29	619	586	1	32
30 & Over	378	360	6	12
Allegheny				
All Ages	17,900	13,276	143	4,481
Under 15	31	13	0	18
15-17	605	329	6	270
18-19	1,207	706	13	488
20-29	8,932	6,247	68	2,617
30 & Over	7,116	5,974	55	1,087
Armstrong				
All Ages	782	705	6	71
Under 15	0	0	0	0
15-17	24	19	1	4
18-19	62	50	1	11
20-29	464	426	3	35
30 & Over	232	210	1	21
Beaver				
All Ages	2,157	1,796	15	346
Under 15	4	3	0	1
15-17	69	47	0	22
18-19	166	121	1	44
20-29	1,176	975	8	193
30 & Over	742	650	6	86
Bedford				
All Ages	547	521	5	21
Under 15	0	0	0	0
15-17	11	10	0	1
18-19	42	39	0	3
20-29	329	311	5	13
30 & Over	163	159	0	4
Berks				
All Ages	6,285	5,131	54	1,100
Under 15	11	9	0	2
15-17	242	177	4	61
18-19	521	386	9	126
20-29	3,435	2,769	21	645
30 & Over	2,073	1,788	19	266
Blair				
All Ages	1,573	1,441	18	114
Under 15	2	1	0	1
15-17	43	37	1	5
18-19	125	109	3	13
20-29	932	857	6	69
30 & Over	471	437	8	26
Bradford				
All Ages	698	681	7	10
Under 15	0	0	0	0
15-17	19	19	0	0
18-19	63	60	2	1
20-29	422	415	3	4
30 & Over	194	187	2	5
Bucks				
All Ages	7,989	6,592	59	1,338
Under 15	5	1	0	4
15-17	127	66	2	59
18-19	358	219	2	137
20-29	3,483	2,712	23	748
30 & Over	3,997	3,576	31	390
Butler				
All Ages	2,262	1,999	17	246
Under 15	2	1	0	1
15-17	36	27	0	9
18-19	119	93	0	26
20-29	1,080	935	9	136
30 & Over	1,025	943	8	74
Cambria				
All Ages	1,610	1,451	13	146
Under 15	0	0	0	0
15-17	38	28	0	10
18-19	119	109	0	10
20-29	941	843	10	88
30 & Over	512	471	3	38
Cameron				
All Ages	59	58	0	1
Under 15	0	0	0	0
15-17	0	0	0	0
18-19	3	3	0	0
20-29	41	40	0	1
30 & Over	15	15	0	0
Carbon				
All Ages	820	686	4	130
Under 15	2	1	0	1
15-17	24	15	0	9
18-19	72	50	0	22
20-29	443	371	3	69
30 & Over	279	249	1	29
Centre				
All Ages	1,446	1,223	10	213
Under 15	0	0	0	0
15-17	12	9	0	3
18-19	63	43	0	20
20-29	742	584	6	152
30 & Over	628	586	4	38
Chester				
All Ages	7,173	6,088	51	1,034
Under 15	8	3	0	5
15-17	106	74	1	31
18-19	330	195	0	135
20-29	2,917	2,293	21	603
30 & Over	3,811	3,522	29	260
Clarion				
All Ages	462	418	3	41
Under 15	1	1	0	0
15-17	8	6	0	2
18-19	34	27	1	6
20-29	297	269	1	27
30 & Over	121	114	1	6
Clearfield				
All Ages	864	800	6	58
Under 15	1	0	1	0
15-17	17	14	0	3
18-19	51	44	0	7
20-29	542	509	4	29
30 & Over	253	233	1	19

(Continued)

Table E-5
Reported Pregnancies by Outcome, Woman's Age Group and County of Residence, Pennsylvania, 2008

County/ Age of Woman*	Reported Pregnancies	Live Births	Fetal Deaths	Induced Abortions
Clinton				
All Ages	473	424	4	45
Under 15	0	0	0	0
15-17	9	8	0	1
18-19	31	25	0	6
20-29	297	267	3	27
30 & Over	136	124	1	11
Columbia				
All Ages	702	615	5	82
Under 15	1	0	0	1
15-17	21	19	0	2
18-19	58	41	0	17
20-29	387	342	1	44
30 & Over	235	213	4	18
Crawford				
All Ages	1,050	954	15	81
Under 15	0	0	0	0
15-17	24	15	1	8
18-19	83	70	0	13
20-29	659	607	9	43
30 & Over	283	261	5	17
Cumberland				
All Ages	2,842	2,486	19	337
Under 15	0	0	0	0
15-17	63	50	0	13
18-19	158	127	0	31
20-29	1,476	1,266	11	199
30 & Over	1,145	1,043	8	94
Dauphin				
All Ages	4,311	3,565	34	712
Under 15	3	2	0	1
15-17	155	129	1	25
18-19	356	273	3	80
20-29	2,458	2,004	13	441
30 & Over	1,339	1,157	17	165
Delaware				
All Ages	9,129	7,047	74	2,008
Under 15	30	16	0	14
15-17	301	176	3	122
18-19	584	337	3	244
20-29	4,218	3,038	31	1,149
30 & Over	3,988	3,474	35	479
Elk				
All Ages	341	308	4	29
Under 15	0	0	0	0
15-17	8	3	0	5
18-19	21	17	0	4
20-29	212	195	3	14
30 & Over	100	93	1	6
Erie				
All Ages	3,692	3,394	32	266
Under 15	4	3	0	1
15-17	146	129	0	17
18-19	312	278	3	31
20-29	2,093	1,918	20	155
30 & Over	1,137	1,066	9	62
Fayette				
All Ages	1,600	1,350	8	242
Under 15	6	4	0	2
15-17	70	55	0	15
18-19	128	105	2	21
20-29	906	752	2	152
30 & Over	490	434	4	52
Forest				
All Ages	44	32	1	11
Under 15	0	0	0	0
15-17	1	0	0	1
18-19	4	2	0	2
20-29	29	21	0	8
30 & Over	10	9	1	0
Franklin				
All Ages	2,055	2,029	16	10
Under 15	2	2	0	0
15-17	53	53	0	0
18-19	154	148	3	3
20-29	1,215	1,202	8	5
30 & Over	630	623	5	2
Fulton				
All Ages	195	190	1	4
Under 15	0	0	0	0
15-17	1	1	0	0
18-19	8	8	0	0
20-29	131	127	1	3
30 & Over	55	54	0	1
Greene				
All Ages	448	388	1	59
Under 15	0	0	0	0
15-17	11	8	0	3
18-19	46	36	0	10
20-29	263	228	1	34
30 & Over	128	116	0	12
Huntingdon				
All Ages	524	494	5	25
Under 15	0	0	0	0
15-17	13	12	0	1
18-19	40	33	1	6
20-29	313	298	2	13
30 & Over	158	151	2	5
Indiana				
All Ages	1,058	883	10	165
Under 15	0	0	0	0
15-17	23	17	0	6
18-19	76	42	2	32
20-29	655	557	2	96
30 & Over	304	267	6	31
Jefferson				
All Ages	555	514	6	35
Under 15	0	0	0	0
15-17	18	13	1	4
18-19	51	46	0	5
20-29	355	331	5	19
30 & Over	131	124	0	7
Juniata				
All Ages	296	278	3	15
Under 15	0	0	0	0
15-17	6	6	0	0
18-19	18	16	0	2
20-29	179	170	1	8
30 & Over	93	86	2	5
Lackawanna				
All Ages	2,630	2,315	16	299
Under 15	7	4	0	3
15-17	65	55	0	10
18-19	180	140	1	39
20-29	1,351	1,164	8	179
30 & Over	1,027	952	7	68

(Continued)

Table E-5
Reported Pregnancies by Outcome, Woman's Age Group and County of Residence, Pennsylvania, 2008

County/ Age of Woman*	Reported Pregnancies	Live Births	Fetal Deaths	Induced Abortions
Lancaster				
All Ages	7,830	7,229	75	526
Under 15	5	2	1	2
15-17	214	197	2	15
18-19	459	398	2	59
20-29	4,433	4,076	38	319
30 & Over	2,718	2,555	32	131
Lawrence				
All Ages	1,029	923	12	94
Under 15	0	0	0	0
15-17	46	41	0	5
18-19	78	64	1	13
20-29	585	530	8	47
30 & Over	320	288	3	29
Lebanon				
All Ages	1,825	1,651	20	154
Under 15	1	0	0	1
15-17	44	42	0	2
18-19	144	116	4	24
20-29	1,034	941	8	85
30 & Over	599	550	7	42
Lehigh				
All Ages	5,551	4,307	44	1,200
Under 15	8	4	1	3
15-17	249	171	1	77
18-19	435	300	7	128
20-29	2,871	2,183	18	670
30 & Over	1,986	1,647	17	322
Luzerne				
All Ages	3,817	3,191	34	592
Under 15	3	2	0	1
15-17	143	114	2	27
18-19	303	226	2	75
20-29	2,052	1,683	16	353
30 & Over	1,313	1,165	12	136
Lycoming				
All Ages	1,469	1,278	14	177
Under 15	1	0	0	1
15-17	53	45	1	7
18-19	104	95	2	7
20-29	897	767	8	122
30 & Over	414	371	3	40
McKean				
All Ages	490	469	5	16
Under 15	0	0	0	0
15-17	20	20	0	0
18-19	50	43	0	7
20-29	295	285	4	6
30 & Over	125	121	1	3
Mercer				
All Ages	1,254	1,161	14	79
Under 15	1	0	0	1
15-17	44	40	1	3
18-19	86	79	0	7
20-29	717	660	9	48
30 & Over	405	381	4	20
Mifflin				
All Ages	660	615	11	34
Under 15	0	0	0	0
15-17	21	18	1	2
18-19	37	36	0	1
20-29	430	402	7	21
30 & Over	172	159	3	10
Monroe				
All Ages	2,015	1,617	13	385
Under 15	4	0	0	4
15-17	65	40	0	25
18-19	163	106	1	56
20-29	992	774	8	210
30 & Over	791	697	4	90
Montgomery				
All Ages	11,441	9,529	84	1,828
Under 15	13	8	0	5
15-17	205	107	1	97
18-19	469	267	3	199
20-29	4,613	3,594	34	985
30 & Over	6,132	5,544	46	542
Montour				
All Ages	225	202	1	22
Under 15	0	0	0	0
15-17	4	4	0	0
18-19	9	5	0	4
20-29	127	119	0	8
30 & Over	85	74	1	10
Northampton				
All Ages	3,941	3,195	37	709
Under 15	5	4	0	1
15-17	111	78	1	32
18-19	281	187	1	93
20-29	1,913	1,512	16	385
30 & Over	1,631	1,414	19	198
Northumberland				
All Ages	1,156	1,060	13	83
Under 15	1	1	0	0
15-17	25	24	0	1
18-19	90	81	1	8
20-29	709	645	7	57
30 & Over	331	309	5	17
Perry				
All Ages	592	539	4	49
Under 15	0	0	0	0
15-17	15	13	0	2
18-19	46	42	0	4
20-29	358	325	2	31
30 & Over	173	159	2	12
Philadelphia				
All Ages	39,419	23,689	353	15,377
Under 15	209	63	4	142
15-17	2,187	1,232	17	938
18-19	4,044	2,230	40	1,774
20-29	21,954	12,725	193	9,036
30 & Over	10,995	7,422	89	3,484
Pike				
All Ages	509	461	3	45
Under 15	0	0	0	0
15-17	10	8	0	2
18-19	36	26	0	10
20-29	225	203	0	22
30 & Over	238	224	3	11
Potter				
All Ages	205	200	0	5
Under 15	0	0	0	0
15-17	8	7	0	1
18-19	15	14	0	1
20-29	129	127	0	2
30 & Over	53	52	0	1

(Continued)

Table E-5

Reported Pregnancies by Outcome, Woman's Age Group and County of Residence, Pennsylvania, 2008

County/ Age of Woman*	Reported Pregnancies	Live Births	Fetal Deaths	Induced Abortions
Schuylkill				
All Ages	1,799	1,559	15	225
Under 15	1	0	0	1
15-17	55	42	0	13
18-19	130	104	3	23
20-29	1,064	937	6	121
30 & Over	548	475	6	67
Snyder				
All Ages	463	444	4	15
Under 15	1	1	0	0
15-17	13	13	0	0
18-19	25	22	0	3
20-29	271	258	4	9
30 & Over	153	150	0	3
Somerset				
All Ages	756	697	2	57
Under 15	2	0	0	2
15-17	11	10	0	1
18-19	53	40	0	13
20-29	456	428	0	28
30 & Over	233	218	2	13
Sullivan				
All Ages	61	53	1	7
Under 15	0	0	0	0
15-17	2	1	0	1
18-19	5	4	0	1
20-29	41	38	1	2
30 & Over	11	8	0	3
Susquehanna				
All Ages	418	406	1	11
Under 15	0	0	0	0
15-17	10	10	0	0
18-19	32	30	0	2
20-29	247	238	0	9
30 & Over	129	128	1	0
Tioga				
All Ages	437	430	0	7
Under 15	0	0	0	0
15-17	11	11	0	0
18-19	40	39	0	1
20-29	272	269	0	3
30 & Over	114	111	0	3
Union				
All Ages	394	371	1	22
Under 15	0	0	0	0
15-17	7	7	0	0
18-19	19	14	0	5
20-29	225	213	0	12
30 & Over	143	137	1	5
Venango				
All Ages	665	605	5	55
Under 15	0	0	0	0
15-17	21	19	0	2
18-19	54	49	0	5
20-29	432	391	3	38
30 & Over	157	145	2	10
Warren				
All Ages	429	406	6	17
Under 15	0	0	0	0
15-17	14	11	0	3
18-19	33	30	0	3
20-29	257	246	4	7
30 & Over	125	119	2	4
Washington				
All Ages	2,400	2,042	16	342
Under 15	2	1	0	1
15-17	77	57	1	19
18-19	152	116	0	36
20-29	1,209	1,005	8	196
30 & Over	959	862	7	90
Wayne				
All Ages	480	437	2	41
Under 15	1	1	0	0
15-17	7	4	0	3
18-19	24	17	0	7
20-29	266	246	1	19
30 & Over	182	169	1	12
Westmoreland				
All Ages	3,953	3,363	30	560
Under 15	2	1	0	1
15-17	116	70	0	46
18-19	250	188	1	61
20-29	2,027	1,703	18	306
30 & Over	1,555	1,400	9	146
Wyoming				
All Ages	366	340	4	22
Under 15	0	0	0	0
15-17	12	11	0	1
18-19	26	22	0	4
20-29	214	202	1	11
30 & Over	114	105	3	6
York				
All Ages	5,918	5,272	43	603
Under 15	8	6	0	2
15-17	173	146	2	25
18-19	457	366	4	87
20-29	3,223	2,862	19	342
30 & Over	2,052	1,889	18	145

* All ages includes unknown age of woman.

Table E-6

Reported Pregnancies by Outcome, Woman's Age Group and County of Residence, Pennsylvania, Five-Year Summary, 2004-2008

County/ Age of Woman*	Reported Pregnancies 2004-2008	Live Births	Fetal Deaths	Induced Abortions
State Total**				
All Ages	920,021	737,189	7,216	175,616
Under 15	2,101	981	24	1,096
15-17	31,332	21,255	260	9,817
18-19	66,029	45,512	552	19,965
20-29	472,642	369,548	3,355	99,739
30 & Over	346,988	299,094	2,923	44,971
Adams				
All Ages	5,874	5,523	38	313
Under 15	6	3	0	3
15-17	168	157	0	11
18-19	406	362	2	42
20-29	3,244	3,046	15	183
30 & Over	2,042	1,947	21	74
Allegheny				
All Ages	88,114	65,888	616	21,610
Under 15	232	98	3	131
15-17	3,003	1,648	19	1,336
18-19	5,667	3,347	43	2,277
20-29	42,554	29,950	268	12,336
30 & Over	36,611	30,810	275	5,526
Armstrong				
All Ages	4,008	3,585	34	389
Under 15	3	1	0	2
15-17	118	89	1	28
18-19	255	216	3	36
20-29	2,353	2,133	17	203
30 & Over	1,277	1,144	13	120
Beaver				
All Ages	10,643	8,918	85	1,640
Under 15	25	12	1	12
15-17	340	237	3	100
18-19	760	545	5	210
20-29	5,735	4,791	45	899
30 & Over	3,781	3,331	31	419
Bedford				
All Ages	2,665	2,548	17	100
Under 15	3	3	0	0
15-17	58	51	0	7
18-19	191	179	1	11
20-29	1,546	1,476	15	55
30 & Over	862	834	1	27
Berks				
All Ages	30,980	25,455	253	5,272
Under 15	66	42	0	24
15-17	1,267	961	15	291
18-19	2,432	1,772	23	637
20-29	16,590	13,428	114	3,048
30 & Over	10,614	9,244	98	1,272
Blair				
All Ages	7,905	7,230	73	602
Under 15	9	4	0	5
15-17	250	215	2	33
18-19	622	532	13	77
20-29	4,599	4,216	27	356
30 & Over	2,422	2,260	31	131
Bradford				
All Ages	3,828	3,738	33	57
Under 15	3	3	0	0
15-17	91	89	1	1
18-19	304	292	5	7
20-29	2,294	2,243	18	33
30 & Over	1,136	1,111	9	16
Bucks				
All Ages	41,376	34,085	241	7,050
Under 15	33	10	0	23
15-17	678	335	5	338
18-19	1,874	1,046	15	813
20-29	17,448	13,652	87	3,709
30 & Over	21,260	18,961	132	2,167
Butler				
All Ages	11,332	10,013	79	1,240
Under 15	8	2	0	6
15-17	179	133	1	45
18-19	518	380	3	135
20-29	5,312	4,604	34	674
30 & Over	5,312	4,892	40	380
Cambria				
All Ages	8,325	7,468	77	780
Under 15	8	5	0	3
15-17	251	213	4	34
18-19	570	494	6	70
20-29	4,759	4,248	40	471
30 & Over	2,735	2,507	26	202
Cameron				
All Ages	297	263	3	31
Under 15	2	2	0	0
15-17	8	5	0	3
18-19	30	30	0	0
20-29	185	164	1	20
30 & Over	72	62	2	8
Carbon				
All Ages	3,851	3,220	28	603
Under 15	2	1	0	1
15-17	120	76	2	42
18-19	290	206	5	79
20-29	2,113	1,779	12	322
30 & Over	1,326	1,158	9	159
Centre				
All Ages	7,586	6,443	51	1,092
Under 15	1	0	0	1
15-17	70	48	0	22
18-19	369	239	1	129
20-29	3,831	3,063	22	746
30 & Over	3,311	3,089	28	194
Chester				
All Ages	36,039	30,619	229	5,191
Under 15	37	16	0	21
15-17	632	391	2	239
18-19	1,597	927	9	661
20-29	14,053	11,050	85	2,918
30 & Over	19,665	18,184	130	1,351
Clarion				
All Ages	2,251	2,020	16	215
Under 15	2	1	0	1
15-17	47	37	0	10
18-19	175	135	4	36
20-29	1,382	1,242	9	131
30 & Over	643	603	3	37
Clearfield				
All Ages	4,362	4,037	19	306
Under 15	5	3	1	1
15-17	107	80	0	27
18-19	312	278	1	33
20-29	2,599	2,432	12	155
30 & Over	1,337	1,242	5	90

(Continued)

Table E-6

Reported Pregnancies by Outcome, Woman's Age Group and County of Residence, Pennsylvania, Five-Year Summary, 2004-2008

County/ Age of Woman*	Reported Pregnancies 2004-2008	Live Births	Fetal Deaths	Induced Abortions
Clinton				
All Ages	2,434	2,162	21	251
Under 15	2	2	0	0
15-17	68	58	1	9
18-19	183	140	1	42
20-29	1,491	1,327	13	151
30 & Over	690	635	6	49
Columbia				
All Ages	3,593	3,141	22	430
Under 15	5	4	0	1
15-17	89	72	0	17
18-19	263	207	1	55
20-29	2,062	1,807	10	245
30 & Over	1,174	1,051	11	112
Crawford				
All Ages	5,577	5,118	43	416
Under 15	5	3	0	2
15-17	144	114	1	29
18-19	423	380	1	42
20-29	3,285	3,019	24	242
30 & Over	1,714	1,596	17	101
Cumberland				
All Ages	13,944	12,111	99	1,734
Under 15	12	7	2	3
15-17	227	182	4	41
18-19	770	580	2	188
20-29	7,093	6,032	46	1,015
30 & Over	5,836	5,304	45	487
Dauphin				
All Ages	21,044	17,185	197	3,662
Under 15	42	32	1	9
15-17	741	588	7	146
18-19	1,655	1,250	19	386
20-29	11,637	9,319	89	2,229
30 & Over	6,949	5,980	77	892
Delaware				
All Ages	44,125	34,574	360	9,191
Under 15	123	51	1	71
15-17	1,393	883	12	498
18-19	2,769	1,632	20	1,117
20-29	19,657	14,452	151	5,054
30 & Over	20,139	17,516	172	2,451
Elk				
All Ages	1,695	1,544	12	139
Under 15	5	2	0	3
15-17	36	24	1	11
18-19	86	70	0	16
20-29	968	886	6	76
30 & Over	600	562	5	33
Erie				
All Ages	18,422	16,867	123	1,432
Under 15	40	30	1	9
15-17	733	660	3	70
18-19	1,496	1,341	8	147
20-29	10,262	9,346	67	849
30 & Over	5,885	5,485	43	357
Fayette				
All Ages	8,148	7,019	64	1,065
Under 15	17	10	0	7
15-17	367	285	3	79
18-19	764	632	9	123
20-29	4,643	4,027	26	590
30 & Over	2,353	2,061	26	266
Forest				
All Ages	222	182	1	39
Under 15	0	0	0	0
15-17	5	0	0	5
18-19	13	6	0	7
20-29	140	118	0	22
30 & Over	63	57	1	5
Franklin				
All Ages	9,725	9,535	74	116
Under 15	12	10	0	2
15-17	252	248	3	1
18-19	696	672	5	19
20-29	5,692	5,584	37	71
30 & Over	3,065	3,016	26	23
Fulton				
All Ages	936	910	4	22
Under 15	2	2	0	0
15-17	14	14	0	0
18-19	64	61	0	3
20-29	585	570	2	13
30 & Over	269	261	2	6
Greene				
All Ages	2,344	2,064	5	275
Under 15	10	6	0	4
15-17	79	61	0	18
18-19	219	186	0	33
20-29	1,385	1,225	2	158
30 & Over	651	586	3	62
Huntingdon				
All Ages	2,445	2,272	17	156
Under 15	1	1	0	0
15-17	75	67	1	7
18-19	194	171	2	21
20-29	1,455	1,361	7	87
30 & Over	720	672	7	41
Indiana				
All Ages	5,081	4,336	36	709
Under 15	2	2	0	0
15-17	106	73	0	33
18-19	348	232	4	112
20-29	3,070	2,626	16	428
30 & Over	1,554	1,402	16	136
Jefferson				
All Ages	2,747	2,498	16	233
Under 15	3	2	0	1
15-17	67	52	1	14
18-19	227	205	0	22
20-29	1,718	1,584	13	121
30 & Over	732	655	2	75
Juniata				
All Ages	1,498	1,410	17	71
Under 15	0	0	0	0
15-17	32	29	1	2
18-19	86	73	2	11
20-29	901	853	8	40
30 & Over	479	455	6	18
Lackawanna				
All Ages	13,024	11,481	88	1,455
Under 15	20	16	0	4
15-17	325	267	2	56
18-19	860	690	6	164
20-29	6,730	5,843	36	851
30 & Over	5,082	4,659	44	379

(Continued)

Table E-6

Reported Pregnancies by Outcome, Woman's Age Group and County of Residence, Pennsylvania, Five-Year Summary, 2004-2008

County/ Age of Woman*	Reported Pregnancies 2004-2008	Live Births	Fetal Deaths	Induced Abortions
Lancaster				
All Ages	38,777	35,338	293	3,146
Under 15	40	28	2	10
15-17	982	862	6	114
18-19	2,213	1,806	17	390
20-29	21,737	19,702	143	1,892
30 & Over	13,770	12,905	125	740
Lawrence				
All Ages	5,178	4,626	50	502
Under 15	9	8	0	1
15-17	170	144	0	26
18-19	394	334	5	55
20-29	2,950	2,635	28	287
30 & Over	1,652	1,502	17	133
Lebanon				
All Ages	8,966	8,083	73	810
Under 15	4	3	0	1
15-17	242	211	1	30
18-19	593	493	7	93
20-29	5,135	4,614	38	483
30 & Over	2,981	2,753	26	202
Lehigh				
All Ages	26,960	21,368	196	5,396
Under 15	64	30	3	31
15-17	1,071	783	6	282
18-19	2,082	1,493	23	566
20-29	13,903	10,811	87	3,005
30 & Over	9,829	8,243	75	1,511
Luzerne				
All Ages	18,858	15,946	153	2,759
Under 15	26	13	0	13
15-17	620	488	11	121
18-19	1,447	1,096	10	341
20-29	9,859	8,205	66	1,588
30 & Over	6,899	6,141	62	696
Lycoming				
All Ages	7,527	6,639	70	818
Under 15	6	4	0	2
15-17	209	184	4	21
18-19	583	498	10	75
20-29	4,558	3,979	43	536
30 & Over	2,169	1,973	12	184
McKean				
All Ages	2,483	2,378	16	89
Under 15	3	2	0	1
15-17	81	77	0	4
18-19	234	222	0	12
20-29	1,558	1,495	10	53
30 & Over	607	582	6	19
Mercer				
All Ages	6,439	5,896	52	491
Under 15	11	5	0	6
15-17	185	159	1	25
18-19	450	394	4	52
20-29	3,604	3,296	28	280
30 & Over	2,187	2,041	19	127
Mifflin				
All Ages	3,198	2,987	34	177
Under 15	2	1	0	1
15-17	104	97	1	6
18-19	226	207	1	18
20-29	1,957	1,840	17	100
30 & Over	908	842	14	52
Monroe				
All Ages	10,131	7,989	82	2,060
Under 15	18	4	0	14
15-17	322	164	4	154
18-19	734	440	6	288
20-29	4,813	3,747	27	1,039
30 & Over	4,240	3,630	45	565
Montgomery				
All Ages	56,603	47,444	400	8,759
Under 15	51	32	0	19
15-17	995	575	7	413
18-19	2,357	1,348	22	987
20-29	22,114	17,425	154	4,535
30 & Over	30,997	27,989	207	2,801
Montour				
All Ages	1,197	1,064	9	124
Under 15	1	1	0	0
15-17	23	20	0	3
18-19	63	46	0	17
20-29	654	593	4	57
30 & Over	456	404	5	47
Northampton				
All Ages	19,269	15,781	138	3,350
Under 15	26	12	0	14
15-17	558	371	3	184
18-19	1,354	887	8	459
20-29	9,243	7,378	67	1,798
30 & Over	8,076	7,126	57	893
Northumberland				
All Ages	5,543	5,030	39	474
Under 15	6	3	0	3
15-17	151	130	1	20
18-19	425	374	2	49
20-29	3,299	2,997	26	276
30 & Over	1,658	1,522	10	126
Perry				
All Ages	3,039	2,734	29	276
Under 15	1	1	0	0
15-17	75	70	0	5
18-19	206	177	1	28
20-29	1,802	1,609	17	176
30 & Over	955	877	11	67
Philadelphia				
All Ages	183,436	113,896	1,765	67,775
Under 15	953	376	9	568
15-17	10,807	6,469	106	4,232
18-19	18,688	11,022	177	7,489
20-29	100,942	60,835	885	39,222
30 & Over	51,728	34,931	544	16,253
Pike				
All Ages	2,462	2,219	16	227
Under 15	1	1	0	0
15-17	64	50	0	14
18-19	135	95	0	40
20-29	1,046	942	7	97
30 & Over	1,216	1,131	9	76
Potter				
All Ages	1,053	1,014	6	33
Under 15	0	0	0	0
15-17	33	31	0	2
18-19	85	82	1	2
20-29	651	624	4	23
30 & Over	284	277	1	6

(Continued)

Table E-6

Reported Pregnancies by Outcome, Woman's Age Group and County of Residence, Pennsylvania, Five-Year Summary, 2004-2008

County/ Age of Woman*	Reported Pregnancies 2004-2008	Live Births	Fetal Deaths	Induced Abortions
Schuylkill				
All Ages	8,570	7,378	61	1,131
Under 15	16	6	0	10
15-17	251	189	1	61
18-19	616	494	6	116
20-29	4,808	4,158	29	621
30 & Over	2,877	2,529	25	323
Snyder				
All Ages	2,485	2,327	22	136
Under 15	2	2	0	0
15-17	53	48	1	4
18-19	169	150	2	17
20-29	1,411	1,324	11	76
30 & Over	850	803	8	39
Somerset				
All Ages	3,931	3,597	32	302
Under 15	4	1	0	3
15-17	78	63	0	15
18-19	230	192	2	36
20-29	2,310	2,136	21	153
30 & Over	1,306	1,202	9	95
Sullivan				
All Ages	292	271	4	17
Under 15	0	0	0	0
15-17	14	13	0	1
18-19	27	23	0	4
20-29	172	166	2	4
30 & Over	77	67	2	8
Susquehanna				
All Ages	2,093	2,010	9	74
Under 15	1	1	0	0
15-17	49	47	0	2
18-19	167	153	0	14
20-29	1,171	1,121	3	47
30 & Over	703	686	6	11
Tioga				
All Ages	2,131	2,076	10	45
Under 15	1	0	0	1
15-17	50	49	0	1
18-19	191	185	0	6
20-29	1,325	1,298	5	22
30 & Over	563	543	5	15
Union				
All Ages	2,163	2,006	12	145
Under 15	1	1	0	0
15-17	43	40	0	3
18-19	132	109	1	22
20-29	1,215	1,124	3	88
30 & Over	770	730	8	32
Venango				
All Ages	3,340	3,060	25	255
Under 15	6	2	0	4
15-17	103	87	0	16
18-19	269	231	4	34
20-29	2,062	1,923	11	128
30 & Over	877	794	10	73
Warren				
All Ages	2,118	1,988	26	104
Under 15	1	1	0	0
15-17	45	39	0	6
18-19	148	129	1	18
20-29	1,254	1,192	12	50
30 & Over	669	626	13	30
Washington				
All Ages	12,146	10,247	86	1,813
Under 15	23	9	0	14
15-17	336	247	2	87
18-19	706	524	0	182
20-29	6,002	4,975	38	989
30 & Over	5,067	4,480	46	541
Wayne				
All Ages	2,545	2,314	18	213
Under 15	2	1	0	1
15-17	30	18	0	12
18-19	145	116	0	29
20-29	1,374	1,257	12	105
30 & Over	994	922	6	66
Westmoreland				
All Ages	19,883	16,811	158	2,914
Under 15	28	12	0	16
15-17	519	307	3	209
18-19	1,169	847	6	316
20-29	9,749	8,120	68	1,561
30 & Over	8,395	7,506	77	812
Wyoming				
All Ages	1,745	1,598	13	134
Under 15	2	1	0	1
15-17	41	38	0	3
18-19	125	107	0	18
20-29	969	891	5	73
30 & Over	606	559	8	39
York				
All Ages	28,974	25,612	228	3,134
Under 15	46	34	0	12
15-17	885	743	7	135
18-19	2,170	1,730	17	423
20-29	15,599	13,640	110	1,849
30 & Over	10,251	9,446	92	713

* All ages includes unknown age of woman.

**State total includes unknown county of residence.

Table E-7
Reported Pregnancy Rates* by Woman's Age Group and County of Residence, Pennsylvania, 2008

		Age of Woman (In Years)					
County	Total	10-14	15-19	15-17	18-19	20-29	30-49
All Counties	76.0	1.0	44.3	24.4	70.8	123.7	40.8
Adams	56.2	ND	31.9	14.6	55.1	102.1	27.4
Allegheny	75.4	0.9	41.7	24.4	64.9	117.1	43.2
Armstrong	65.6	ND	40.1	18.5	73.1	138.7	25.8
Beaver	68.2	ND	42.5	20.1	78.9	120.8	32.0
Bedford	60.2	ND	35.5	11.2	81.2	126.2	24.2
Berks	78.2	0.8	48.7	26.9	78.1	135.3	38.5
Blair	66.7	ND	39.0	17.7	66.6	124.2	28.8
Bradford	60.9	ND	40.9	14.0	97.7	122.7	23.1
Bucks	67.8	ND	24.0	10.1	46.9	107.3	43.9
Butler	63.4	ND	22.3	9.1	39.9	102.6	40.5
Cambria	62.2	ND	31.7	13.9	53.7	111.9	29.1
Cameron	64.8	ND	ND	ND	ND	141.9	23.7
Carbon	65.3	ND	47.1	20.5	82.7	98.3	32.7
Centre	38.1	ND	7.4	4.1	8.7	43.8	42.4
Chester	72.8	ND	23.6	9.4	46.1	99.4	54.1
Clarion	55.6	ND	19.3	ND	25.0	98.3	27.0
Clearfield	61.1	ND	30.0	11.7	62.8	130.9	23.7
Clinton	61.6	ND	21.0	ND	29.0	113.2	30.9
Columbia	46.6	ND	20.2	13.3	24.9	66.9	31.1
Crawford	58.8	ND	29.9	11.3	56.8	116.8	23.7
Cumberland	60.6	ND	20.8	12.0	29.3	93.1	40.0
Dauphin	84.7	ND	63.4	29.6	126.0	155.1	35.6
Delaware	80.8	1.7	40.9	24.6	61.9	115.9	52.3
Elk	59.4	ND	29.1	ND	64.6	138.7	22.5
Erie	64.1	ND	40.3	23.3	61.1	107.5	31.0
Fayette	62.6	ND	47.3	26.7	81.6	121.8	25.3
Forest	76.5	ND	ND	ND	ND	137.4	26.1
Franklin	74.4	ND	44.1	19.8	76.4	142.8	32.5
Fulton	69.9	ND	ND	ND	ND	153.9	28.3
Greene	61.5	ND	40.8	14.5	71.9	114.6	26.1
Huntingdon	65.4	ND	33.4	14.4	58.7	124.2	29.3
Indiana	54.2	ND	21.0	12.0	27.1	88.0	29.9
Jefferson	68.9	ND	48.7	21.2	89.9	142.3	22.5
Juniata	71.7	ND	33.1	ND	72.0	137.9	32.2
Lackawanna	63.6	ND	30.7	15.0	49.7	99.0	37.7
Lancaster	77.4	ND	33.4	18.1	54.9	133.9	41.4
Lawrence	61.2	ND	37.1	24.0	54.8	111.2	27.9
Lebanon	74.6	ND	42.8	17.9	74.5	128.8	36.0
Lehigh	84.5	ND	56.8	33.7	93.4	134.8	44.6
Luzerne	65.3	ND	42.3	24.0	65.9	106.7	33.0
Lycoming	64.7	ND	39.9	23.3	63.0	121.4	26.0
McKean	62.9	ND	43.1	20.3	78.2	128.0	23.0
Mercer	57.3	ND	29.3	17.3	45.2	101.9	27.7
Mifflin	79.7	ND	40.6	22.2	76.4	168.3	29.2
Monroe	58.4	ND	32.4	15.6	57.0	92.8	33.5
Montgomery	76.5	0.5	28.1	13.9	51.0	103.7	55.0
Montour	68.7	ND	22.5	ND	ND	128.9	35.3
Northampton	67.3	ND	33.2	16.6	54.8	107.1	41.4
Northumberland	75.6	ND	42.6	13.9	99.2	167.7	28.6
Perry	67.0	ND	40.6	16.1	80.3	135.3	27.0
Philadelphia	118.1	4.5	104.3	66.9	149.5	176.2	55.0
Pike	47.8	ND	24.0	7.9	55.3	78.2	28.7
Potter	66.5	ND	41.1	ND	71.1	133.3	24.5
Schuylkill	72.1	ND	43.2	19.7	87.1	138.7	30.2
Snyder	55.6	ND	21.3	14.4	28.3	87.8	32.0
Somerset	59.0	ND	29.2	7.5	72.2	124.0	24.0
Sullivan	60.6	ND	ND	ND	ND	139.5	16.5
Susquehanna	55.8	ND	30.7	10.9	71.4	104.6	24.3
Tioga	54.0	ND	27.0	11.1	44.5	102.9	22.8
Union	50.6	ND	13.1	ND	16.5	85.0	32.3
Venango	70.3	ND	44.9	19.2	93.4	160.5	22.1
Warren	61.0	ND	38.8	16.8	86.6	127.0	23.1
Washington	62.2	ND	33.1	19.4	51.6	97.6	35.6
Wayne	57.5	ND	20.4	ND	39.5	97.7	30.4
Westmoreland	61.6	ND	32.4	16.2	60.8	107.2	32.5
Wyoming	70.6	ND	34.4	19.9	51.9	148.1	31.3
York	71.1	ND	45.3	20.0	86.7	129.0	33.7

* Rates per 1,000 female population for each specified age group and county, 2008. Total includes all reported pregnancies per 1,000 female population age 15-44. Rates based on less than 10 events are considered statistically unreliable and are not displayed (ND). See Table E-5 for corresponding 2008 number of reported pregnancies.

Table E-8

Average Annual Reported Pregnancy Rates* by Woman's Age Group and County of Residence, Pennsylvania, 2004-2008

		Age of Woman (In Years)					
County	Total	10-14	15-19	15-17	18-19	20-29	30-49
All Counties	73.8	1.1	42.5	23.4	69.3	121.0	40.2
Adams	57.9	ND	29.2	15.0	48.3	108.5	28.8
Allegheny	72.9	1.3	40.0	23.4	63.9	112.9	42.6
Armstrong	64.2	ND	33.7	17.8	57.2	135.8	26.9
Beaver	65.2	0.9	38.6	19.2	70.0	117.8	31.2
Bedford	57.6	ND	32.9	11.7	72.9	115.8	25.1
Berks	77.3	1.0	48.1	27.7	78.1	135.5	38.6
Blair	65.5	ND	39.4	19.1	68.5	122.4	28.6
Bradford	64.7	ND	37.6	12.8	90.0	131.7	26.3
Bucks	68.3	0.3	25.1	10.9	47.6	106.8	45.2
Butler	62.5	ND	20.3	9.2	35.1	102.0	40.6
Cambria	62.7	ND	32.4	17.0	53.8	113.2	29.8
Cameron	62.6	ND	43.9	ND	85.0	128.8	21.4
Carbon	62.5	ND	40.0	19.8	69.0	100.9	30.8
Centre	40.4	ND	9.0	4.9	10.7	47.1	42.8
Chester	73.7	0.5	25.0	11.6	46.1	100.0	55.0
Clarion	52.1	ND	20.3	11.5	25.6	90.7	26.8
Clearfield	59.8	ND	35.6	14.1	74.1	122.2	24.5
Clinton	62.2	ND	26.7	16.4	34.7	112.9	30.0
Columbia	48.0	ND	18.3	11.5	22.9	75.1	29.7
Crawford	62.4	ND	31.5	13.5	57.5	119.2	28.3
Cumberland	59.0	0.4	18.9	8.7	28.8	93.0	39.1
Dauphin	82.2	1.0	60.0	28.5	118.2	148.8	36.4
Delaware	77.4	1.3	38.5	21.8	62.6	111.1	51.2
Elk	56.2	ND	23.6	10.3	50.9	121.4	25.8
Erie	63.4	0.9	38.8	23.2	58.0	106.5	31.3
Fayette	61.9	0.8	53.2	27.6	96.1	122.1	23.5
Forest	75.1	ND	34.5	ND	60.7	147.5	30.0
Franklin	71.4	0.6	40.4	18.1	73.0	138.0	31.8
Fulton	66.6	ND	31.3	8.4	76.3	137.1	27.4
Greene	62.7	1.9	41.5	19.2	71.4	119.4	25.5
Huntingdon	59.6	ND	33.6	16.4	56.3	114.1	25.9
Indiana	51.0	ND	19.4	11.2	25.0	82.4	29.0
Jefferson	65.8	ND	39.0	14.9	74.8	134.0	24.4
Juniata	70.8	ND	33.3	14.5	64.4	138.8	31.5
Lackawanna	63.2	0.6	30.1	14.2	52.2	102.2	36.5
Lancaster	77.1	0.4	32.2	16.9	53.8	136.1	41.3
Lawrence	60.2	ND	33.3	17.1	56.5	111.9	27.6
Lebanon	73.6	ND	38.2	18.6	67.0	132.5	35.3
Lehigh	82.7	1.1	54.3	30.1	92.7	135.9	43.3
Luzerne	64.2	0.6	38.9	19.9	66.0	107.0	33.6
Lycoming	64.7	ND	38.7	17.3	69.5	123.4	26.5
McKean	62.0	ND	39.5	16.8	73.7	132.9	21.3
Mercer	57.8	0.6	28.6	14.6	47.3	103.1	28.8
Mifflin	75.2	ND	45.5	21.7	92.1	152.6	29.8
Monroe	58.8	0.6	29.8	15.3	51.0	98.8	34.8
Montgomery	74.6	0.4	28.0	13.5	51.1	100.5	54.1
Montour	70.7	ND	28.9	13.0	52.4	131.4	36.3
Northampton	66.4	0.6	32.8	16.9	53.5	108.9	40.4
Northumberland	69.7	ND	41.4	16.3	91.0	150.7	27.5
Perry	68.2	ND	37.1	16.2	70.3	138.7	29.1
Philadelphia	109.2	3.9	98.0	60.9	151.1	165.3	50.4
Pike	47.3	ND	21.8	11.0	40.4	76.8	29.5
Potter	64.2	ND	38.6	18.3	68.1	135.6	23.9
Schuylkill	68.5	0.8	40.8	18.1	83.2	133.2	30.6
Snyder	59.9	ND	24.9	11.7	38.3	96.4	34.4
Somerset	58.8	ND	26.8	10.2	59.8	119.7	25.9
Sullivan	55.8	ND	30.4	15.6	60.0	130.2	21.2
Susquehanna	54.3	ND	30.2	10.2	71.2	99.0	25.5
Tioga	51.5	ND	24.6	9.7	41.0	101.0	21.8
Union	55.0	ND	17.6	10.3	22.9	93.6	33.7
Venango	68.0	ND	42.9	18.2	89.5	149.1	23.6
Warren	57.7	ND	30.2	10.3	73.6	120.2	23.6
Washington	62.6	0.8	30.4	16.4	51.0	99.1	36.5
Wayne	61.3	ND	22.9	6.5	47.9	109.1	32.3
Westmoreland	60.1	0.5	29.3	14.2	55.6	101.8	33.6
Wyoming	64.9	ND	29.3	12.6	51.6	130.6	31.9
York	70.1	0.6	45.1	21.3	83.0	128.6	33.5

*Rates per 1,000 female population for each specified age group and county, 2004-2008. Total includes all reported pregnancies per 1,000 female population age 15-44. Rates based on less than 10 events are considered statistically unreliable and are not displayed (ND). See Table E-6 for corresponding 2004-2008 number of reported pregnancies.

Table E-9

Reported Pregnancies by Outcome and County of Residence

Number and Percent*: Pennsylvania, 2008

County	Reported Pregnancies	Live Births		Fetal Deaths		Induced Abortions	
		Number	Percent	Number	Percent	Number	Percent
State Total	187,696	148,934	79.3	1,540	0.8	37,222	19.8
Adams	1,124	1,061	94.4	8	ND	55	4.9
Allegheny	17,900	13,276	74.2	143	0.8	4,481	25.0
Armstrong	782	705	90.2	6	ND	71	9.1
Beaver	2,157	1,796	83.3	15	0.7	346	16.0
Bedford	547	521	95.2	5	ND	21	3.8
Berks	6,285	5,131	81.6	54	0.9	1,100	17.5
Blair	1,573	1,441	91.6	18	1.1	114	7.2
Bradford	698	681	97.6	7	ND	10	1.4
Bucks	7,989	6,592	82.5	59	0.7	1,338	16.7
Butler	2,262	1,999	88.4	17	0.8	246	10.9
Cambria	1,610	1,451	90.1	13	0.8	146	9.1
Cameron	59	58	98.3	0	ND	1	ND
Carbon	820	686	83.7	4	ND	130	15.9
Centre	1,446	1,223	84.6	10	0.7	213	14.7
Chester	7,173	6,088	84.9	51	0.7	1,034	14.4
Clarion	462	418	90.5	3	ND	41	8.9
Clearfield	864	800	92.6	6	ND	58	6.7
Clinton	473	424	89.6	4	ND	45	9.5
Columbia	702	615	87.6	5	ND	82	11.7
Crawford	1,050	954	90.9	15	1.4	81	7.7
Cumberland	2,842	2,486	87.5	19	0.7	337	11.9
Dauphin	4,311	3,565	82.7	34	0.8	712	16.5
Delaware	9,129	7,047	77.2	74	0.8	2,008	22.0
Elk	341	308	90.3	4	ND	29	8.5
Erie	3,692	3,394	91.9	32	0.9	266	7.2
Fayette	1,600	1,350	84.4	8	ND	242	15.1
Forest	44	32	72.7	1	ND	11	25.0
Franklin	2,055	2,029	98.7	16	0.8	10	0.5
Fulton	195	190	97.4	1	ND	4	ND
Greene	448	388	86.6	1	ND	59	13.2
Huntingdon	524	494	94.3	5	ND	25	4.8
Indiana	1,058	883	83.5	10	0.9	165	15.6
Jefferson	555	514	92.6	6	ND	35	6.3
Juniata	296	278	93.9	3	ND	15	5.1
Lackawanna	2,630	2,315	88.0	16	0.6	299	11.4
Lancaster	7,830	7,229	92.3	75	1.0	526	6.7
Lawrence	1,029	923	89.7	12	1.2	94	9.1
Lebanon	1,825	1,651	90.5	20	1.1	154	8.4
Lehigh	5,551	4,307	77.6	44	0.8	1,200	21.6
Luzerne	3,817	3,191	83.6	34	0.9	592	15.5
Lycoming	1,469	1,278	87.0	14	1.0	177	12.0
McKean	490	469	95.7	5	ND	16	3.3
Mercer	1,254	1,161	92.6	14	1.1	79	6.3
Mifflin	660	615	93.2	11	1.7	34	5.2
Monroe	2,015	1,617	80.2	13	0.6	385	19.1
Montgomery	11,441	9,529	83.3	84	0.7	1,828	16.0
Montour	225	202	89.8	1	ND	22	9.8
Northampton	3,941	3,195	81.1	37	0.9	709	18.0
Northumberland	1,156	1,060	91.7	13	1.1	83	7.2
Perry	592	539	91.0	4	ND	49	8.3
Philadelphia	39,419	23,689	60.1	353	0.9	15,377	39.0
Pike	509	461	90.6	3	ND	45	8.8
Potter	205	200	97.6	0	ND	5	ND
Schuylkill	1,799	1,559	86.7	15	0.8	225	12.5
Snyder	463	444	95.9	4	ND	15	3.2
Somerset	756	697	92.2	2	ND	57	7.5
Sullivan	61	53	86.9	1	ND	7	ND
Susquehanna	418	406	97.1	1	ND	11	2.6
Tioga	437	430	98.4	0	ND	7	ND
Union	394	371	94.2	1	ND	22	5.6
Venango	665	605	91.0	5	ND	55	8.3
Warren	429	406	94.6	6	ND	17	4.0
Washington	2,400	2,042	85.1	16	0.7	342	14.3
Wayne	480	437	91.0	2	ND	41	8.5
Westmoreland	3,953	3,363	85.1	30	0.8	560	14.2
Wyoming	366	340	92.9	4	ND	22	6.0
York	5,918	5,272	89.1	43	0.7	603	10.2

* Percent of reported pregnancies for each specified county.

Note: Percents based on less than 10 events are considered statistically unreliable and are not displayed (ND).

TECHNICAL NOTES

A. SOURCES OF DATA

1. Births, Deaths and Fetal Deaths:

Birth, death and fetal death certificates are the source documents for data on vital events to Pennsylvania residents during the 2008 calendar year. A copy of each of these types of certificates is included in the back of this report.

The cutoff date for 2008 data in this report was March 1, 2009. Data pertaining to a 2008 event for which a certificate was filed after March 1, 2009 are not included in this report. It is possible that data obtained from the Bureau of Health Statistics and Research may differ slightly from that which appear in this report. If this occurs, it is due to an update to the 2008 data made after the March 1 deadline for this report.

Births and deaths to Pennsylvania residents that occurred in another state are included in this report, if the certificates were received by March 1, 2009. There is an agreement among all registration areas in the United States for resident exchange of copies of certificates.

Birth and fetal death certificates are usually completed by hospital personnel present at the delivery. Death certificates are usually completed by hospital personnel, physicians, funeral directors, coroners and medical examiners.

WARNING: Beginning with the reporting of 2003 live births, Pennsylvania implemented the latest revision of the U.S. Standard Certificate of Live Birth. Some items on the certificate were added or changed from previous years. Please see section "F. 2003 Revisions to Certificate of Live Birth" for more details on this important change.

Also, beginning in 2006, the collection and reporting of death and fetal death data was performed using revised certificates. These revisions were based upon changes made by the Centers for Disease Control and Prevention. Please refer to section "G. 2006 Revisions to Certificates of Death and Fetal Death" for more details.

2. Induced Abortions:

Information contained in this report on induced terminations of pregnancy or abortions were obtained from the source document, *Report of Induced Termination of Pregnancy* (see back of report), as required to be completed and submitted by facilities registered to perform such procedures in the Commonwealth according to the Abortion Control Act of 1982, as amended.

Induced abortions to Pennsylvania residents which occurred in another state are not included in this report. Pennsylvania has an interstate agreement with the other registration areas in the United States for exchange of such information. Collection of induced abortion data varies widely from state to state.

3. Population:

State or county population estimates as of July 1 for the intercensal years of 2001-2008, 1991-1999, and 1981-1989, which are presented and/or used in this report 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*. Subcounty (city, borough, and township) population estimates for intercensal years are calculated by the Bureau of the Census using a housing unit method, in which the change in the number of housing units at the subcounty level is used to distribute the county population to subcounty areas. All population data for Census years (2000, 1990, 1980, etc.) presented and/or used in this report are U.S. Bureau of Census enumerated population figures as of April 1 of the Census year.

Population data by race and Hispanic origin for 2001-2008, 1991-1999, and 1981-1989 were also produced and released by the Pennsylvania State Data Center. Racial and Hispanic origin population data for 2000 are Bureau of the Census enumerated figures. The 1981-1989 Black population figures used to compute the rates that appear in this report were derived from 1980 and 1990 Census data. They were estimated by advancing 1980 Census data incrementally to finally match 1990 Census figures.

Respondents to the 2000 Census were able to select multiple races for racial designation. However, state population data by race, as shown and used in this report, do not include figures for multiple-race categories. Birth, death, fetal death and induced abortion statistics are not available for multiple-race categories. Therefore, population estimates were calculated as single-race categories and were used to calculate all rates by race that appear in this report.

Among Pennsylvania residents, only 1.2 percent selected multiple races on the 2000 Census form. The National Center for Health Statistics (NCHS) which is responsible for releasing national vital statistics, has produced, in collaboration with the U.S. Bureau of the Census, revised population estimates (starting with 2000) by race that "bridged" multiple-race data into single-race categories.

We have included those revised U.S. figures in this report. Please note that, unless otherwise noted, the original population estimates for non-census years were used for the computation of multiple-year average annual rates.

B. DATA QUALITY

1. Query and Field Programs:

The quality of birth and death data presented in this report is directly related to the completeness and accuracy of the information reported on certificates. The Bureau of Health Statistics and Research works to ensure that the information received is as complete and accurate as possible, and it maintains two major program operations to improve the quality of information reported on birth and death certificates – query and field programs.

The query program is a system used to follow-up with hospital personnel, funeral directors and/or physicians concerning incomplete or conflicting information reported on the certificate. The follow-up contact is usually done by telephone and is based on both manual and computer editing procedures.

The field program attempts to improve birth, death and fetal death certificate information by educating the participants in the vital registration system, i.e., hospital personnel, funeral directors, physicians, etc., of the uses and importance of vital statistics data. The field program completes this mission by conducting seminars with various associations representing the types of individuals listed above.

In addition to regularly scheduled seminars, the field representatives make site visits when problems with registration relating to a particular area or institution are discovered.

The National Center for Health Statistics (NCHS) monitors Pennsylvania's coding of statistical data on death certificates. A 0.5 percent sample of death records coded and submitted monthly by the state is used as a quality control mechanism by NCHS. The National Center for Health Statistics codes these sample records independently, and then conducts an item-by-item computer match of codes entered by the state and the National Center. NCHS has established a two percent upper limit for coding difference 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.

2. Fetal Deaths:

In terms of the completeness of the data collected, the reporting of deaths and live births is considered to be nearly complete (99 percent or greater). However, in Pennsylvania, spontaneous fetal deaths under sixteen weeks gestation are not required to be reported.

According to a study (see References in the back of this report) of the estimated number of total pregnancies for the United States, prepared by the National Center for Health Statistics, the 1996 percentage distribution of live births, fetal deaths and induced abortions is as indicated in the following table. The percent distribution of Pennsylvania's reported pregnancies for 2008 is also shown for comparison.

It is apparent that there are a very large number of fetal deaths (probably in excess of 90 percent) not reported or included in this publication, mainly due to the exclusion of those fetal deaths under sixteen weeks gestation. In addition, there may be serious underreporting at about sixteen weeks gestation and a smaller undercount at later gestational ages.

	United States Estimated Pregnancies 1996	Pennsylvania Reported Pregnancies 2008
Live Births	62.3%	79.3%
Fetal Deaths	15.7%	0.8%
Induced Abortions	22.0%	19.8%

NOTE: may not sum to 100 due to rounding.

3. Induced Abortions:

The quality of induced abortion data presented in this report is directly related to the completeness and accuracy of the information contained on induced termination of pregnancy reporting forms. The Bureau of Health Statistics and Research edits and queries reported abortion data to ensure that the information received is as complete and accurate as possible.

It is important to note that Pennsylvania has no agreement with any other states for the exchange of induced abortion information, and many states do not collect similar data. Therefore, induced abortions to Pennsylvania residents which occurred in another state are not included in this report.

4. Reported Pregnancies:

It should be noted by the users of this report that the term "reported pregnancies" as used in this publication includes three major data sources – live births, fetal deaths and induced abortions – as required by law to be reported to the Pennsylvania Department of Health. Data on induced abortions do not include those procedures obtained by Pennsylvania residents outside the Commonwealth. Please also see section A on Data Sources and previous parts of this section B on Data Quality for more information on the three data components (resident live births, fetal deaths and induced abortions) that are used to compute the reported pregnancy statistics that appear in this annual report.

5. Congenital Anomalies/Birth Defects:

When reviewing statistics on congenital anomalies reported at the time of birth in this publication, please note that historical and recent studies have verified the underreporting of congenital anomalies on birth certificates, especially for defects that are not easily diagnosed at the time of birth.

Beginning with the reporting of 2003 live births, Pennsylvania implemented the latest revision of the U.S. Standard Certificate of Live Birth. Additional choices for specific types of congenital anomalies have been added to both the Down syndrome and suspected chromosomal disorder options to gather greater detailed information. However, many of the types of congenital anomalies previously collected have been deleted from the certificate, including the "other anomalies" category. Therefore, Pennsylvania data on "total congenital anomalies" can no longer be included in this report. These changes reflect the fact that many types of anomalies are not easily diagnosed soon after birth. Therefore, incomplete or inaccurate reporting on the birth certificate occurs. Please see section "F. 2003 Revisions to Certificate of Live Birth" for more details on this important change.

C. GEOGRAPHY

1. Allocation:

In Pennsylvania's vital records registration program, events are classified geographically in two ways. The first way is by place of occurrence, i.e., the actual state and county where the event took place. The second, and more customary way, is by place of residence, i.e., the state, county and minor civil division reported to be the usual residence of the decedent at the time of death, or of the mother in the case of a newborn. Fetal deaths and infant deaths, in cases where the infant was never discharged from the hospital, are to be assigned the residence of the mother.

While occurrence figures are accurate and have both administrative value and some statistical significance, residence data are far more useful in determining public health indices for planning and evaluation purposes. The natality, reported pregnancy and mortality statistics in this report are residence data; however, the induced abortion data shown in this report include both residence and occurrence data. Statewide induced abortion statistics for the years 1975-1988 are available as occurrence data only. This is due to the fact that the source document (*Induced Abortions: Quarterly Report*) used to collect that information from 1975 through September, 1988 requested aggregated quarterly occurrence data. Therefore, both occurrence and residence data are presented for statewide induced abortion data.

Allocation of vital events by place of residence is sometimes difficult, because classification depends entirely on the statement of the usual place of residence furnished by the informant at the time the original certificate was completed. For various reasons, this statement may be incorrect or incomplete. For example, mailing address often differs from the actual geographic residence. Where the mailing address is a rural delivery number, it may be impossible to allocate the event to a specific township or minor civil division, if this information is not supplied. How often incorrect information regarding residence is reported is not known, but it is generally due to lack of information about the exact location of residence or misunderstanding of the question on the part of the informant. This problem is applicable generally only to minor civil division level data. Resident counts for the state are usually very accurate. County resident figures are substantially correct and can be used with a high degree of confidence.

2. Criteria for Municipality Selection:

Tables A-6, B-33, B-34, B-35, B-36, B-37, B-38, B-39, B-40, C-35, C-36, C-37, C-38, C-39, C-40, C-41, and C-42 show statistics for 27 selected municipalities. These municipalities include cities or boroughs with a 2000 U.S. Bureau of the Census enumerated population of 20,000 or more. Philadelphia is both a city and a county and, therefore, is included in both county and municipality tables.

D. DEFINITIONS OF TERMS

1. Natality:

BIRTH WEIGHT – The first weight of the fetus or newborn obtained after birth. This weight should be measured preferably within the first hour of delivery, before significant postnatal weight loss has occurred.

LOW BIRTH WEIGHT – A birth weight under 2500 grams or 5 pounds and 9 ounces.

VERY LOW BIRTH WEIGHT – A birth weight under 1500 grams or 3 pounds and 5 ounces.

LIVE BIRTH – According to Pennsylvania law, is the expulsion or extraction from its mother of a product of conception, irrespective of the period of gestation, which shows any evidence of life at any moment after such expulsion or extraction.

LIVE BIRTH ORDER – A term used to indicate the numeric relationship of a child to others live-born to that mother.

2. Mortality:

CAUSE OF DEATH – Deaths by cause, are classified according to the International Classification of Diseases (ICD) of the World Health Organization. In this report, the underlying cause of death is used to classify the cause. The underlying cause of death is either the disease or injury which initiated the train of events leading directly to death or the circumstances of the accident or violence which produced the fatal injury. Please see section "H. Underlying Causes of Death" for further discussion on cause-of-death coding and reporting.

FETAL DEATH – Defined by law in Pennsylvania as the expulsion or extraction from its mother of a product of conception after 16 weeks gestation, which shows no evidence of life after such expulsion or extraction.

INFANT DEATH – Death of an infant under 1 year of age.

NEONATAL DEATH – An infant death occurring within the first 27 days of life.

POSTNEONATAL DEATH – An infant death occurring at one month (28 days) to 364 days of age.

MATERNAL DEATH – The death of a woman while pregnant or within 42 days of termination of pregnancy, irrespective of the duration and site of the pregnancy, from any cause related to or aggravated by the pregnancy or its management but not from accidental or incidental causes.

MEDIAN AGE – The age that falls exactly in the middle of the entire range of ages ranked in order from low to high such that 50 percent of the ages fall above it and 50 percent fall below it. If the number of ages is even, a value halfway between the two ages nearest the middle is used.

PREMATURE MORTALITY – Defined as deaths to residents before age 75. The premature mortality rate (PMR) is the number of deaths to residents under age 75 per 100,000 age-adjusted to the 2000 Standard population.

3. Induced Abortions:

INDUCED ABORTION – An induced abortion or induced termination of pregnancy is the purposeful interruption of pregnancy with the intention other than to produce a live-born infant or to remove a dead fetus and which does not result in a live birth.

4. Reported Pregnancies:

REPORTED PREGNANCY – Data on reported pregnancies are aggregated live births, fetal deaths, and induced abortions, as required by various Pennsylvania laws (see above definitions) to be reported to the Department of Health.

OUTCOME – The clinical result of a reportable pregnancy, i.e., a live birth, fetal death or induced abortion.

5. Birth Weight in Grams:

To provide data comparable to that published for the United States and other countries, birth weight is reported in grams. However, not all facilities in Pennsylvania record birth weight in grams and, in order to collect complete data, providers are given the opportunity to report either pounds/ounces or grams on the Pennsylvania Certificate of Live Birth. Birth weights reported in pounds/ounces are converted to grams. The equivalents of the gram intervals in pounds and ounces are as follows:

GRAMS	POUNDS and OUNCES
499 grams or less	1 lb. 1 oz. or less
500 – 999 grams	1 lb. 2 ozs. – 2 lbs. 3 ozs.
1,000 – 1,499 grams	2 lbs. 4 ozs. – 3 lbs. 4 ozs.
1,500 – 1,999 grams	3 lbs. 5 ozs. – 4 lbs. 6 ozs.
2,000 – 2,499 grams	4 lbs. 7 ozs. – 5 lbs. 8 ozs.
2,500 – 2,999 grams	5 lbs. 9 ozs. – 6 lbs. 9 ozs.
3,000 – 3,499 grams	6 lbs. 10 ozs. – 7 lbs. 11 ozs.
3,500 – 3,999 grams	7 lbs. 12 ozs. – 8 lbs. 12 ozs.
4,000 – 4,499 grams	8 lbs. 13 ozs. – 9 lbs. 14 ozs.
4,500 – 4,999 grams	9 lbs. 15 ozs. – 11 lbs. 0 ozs.
5,000 grams or more	11 lbs. 1 oz. or more

6. Body Mass Index (BMI):

The body mass index (BMI) calculation for adults used in this publication follows the formula and weight status categories adopted by the Centers for Disease Control and Prevention (CDC). The formula for BMI calculation, as used for this publication is shown below:

$$BMI = weight\,(lb) / [height\,(in)]^2 \times 703$$

The standard weight categories associated with BMI ranges for adults are displayed below:

BMI	Weight Status
Below 18.5	Underweight
18.5 - 24.9	Normal
25.0 - 29.9	Overweight
30.0 and Above	Obese

7. Geographic Allocation:

RESIDENT DATA – Compiled per usual residence regardless of the geographical place where the event occurred. For births, fetal deaths and infant deaths (if the newborn was never discharged from the hospital), the mother's usual residence is used as the place of residence.

OCCURRENCE DATA—Data compiled as to the geographical place the event occurred without regard to the actual residence.

E. RATES

Absolute counts of births and deaths do not readily lend themselves to analysis and comparison between years or between various geographic areas because of population differences. These demographic differences include total number, age and sex distributions and ethnic or racial differentials. In order to assess the health status of a particular population at a specified time, the absolute number of events is converted to a relative number, such as a probability of living or dying, i.e., a rate, a ratio or an index. This conversion is made by relating the crude number of events to the living population at risk in a particular area at a specific time. All of the rates defined here are computed for a period covering one year, except for the average annual rates which are based upon five-year summary data.

1. Definitions of Rates:

CRUDE BIRTH RATE:

$$\frac{\text{Total Live Births}}{\text{Total Population}} \times 1000$$

AGE-SPECIFIC BIRTH RATE:

$$\frac{\text{Live Births to Mothers of Specified Ages}}{\text{Female Population of Same Specified Ages}} \times 1000$$

GENERAL FERTILITY RATE:

$$\frac{\text{Total Live Births}}{\text{Female Population Aged 15 to 44 Years}} \times 1000$$

FETAL MORTALITY RATE:

$$\frac{\text{Total Fetal Deaths}}{\text{(Total Live Births + Total Fetal Deaths)}} \times 1000$$

NEONATAL MORTALITY RATE*:

$$\frac{\text{Infant Deaths Aged <28 Days}}{\text{Total Live Births}} \times 1000$$

POSTNEONATAL MORTALITY RATE*:

$$\frac{\text{Infant Deaths Aged 28-364 Days}}{\text{Total Live Births}} \times 1000$$

INFANT MORTALITY RATE*:

$$\frac{\text{Total Infant Deaths}}{\text{Total Live Births}} \times 1000$$

CRUDE DEATH RATE:

$$\frac{\text{Total Deaths}}{\text{Total Population}} \times 1000$$

AGE-SPECIFIC DEATH RATE:

$$\frac{\text{Deaths for Specified Age Group}}{\text{Population for Same Specified Age Group}} \times 1000$$

RACE or ETHNICITY SPECIFIC DEATH RATE:

$$\frac{\text{Deaths for Specified Race or Ethnicity}}{\text{Population for Same Specified Race or Ethnicity}} \times 1000$$

AGE-ADJUSTED DEATH RATE (Direct Method):

$$\frac{\text{Sum of (age-specific death rates per 100,000 for selected population x standard population in corresponding age groups)}}{\text{Sum of Standard Population}}$$

Age-specific death rates (per 100,000) for a selected population are applied to a standard population (in this report the 2000 United States standard million population was used) of the same age groups. The sum of these calculations is then divided by the total of the standard population and 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 are shown below:

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

WARNING: *Pennsylvania Vital Statistics 1999* was the first annual report of vital statistics to use the 2000 standard million population in the calculation of all age-adjusted mortality

*For infant, neonatal, and postneonatal mortality rates by race and Hispanic origin, the race or Hispanic origin of the infant is used to classify deaths and the race or Hispanic origin of the mother is used to classify live births.

rates. Therefore, age-adjusted rates that appeared in reports prior to 1999 (using the 1940 or other standard million population) are **not** comparable to the age-adjusted mortality rates that appear in this report and the 1999 report, including historical rates. The U.S. Department of Health and Human Services adopted the newer 2000 standard million population as the only population standard for age-adjustment, starting with 1999 events. Please note that use of a more recent population distribution for the standard in age-adjustment results in rates that more accurately reflect the average risk of death associated with an aging population. Also, age-adjusted rates that are calculated using the 2000 population standard will be higher than those calculated using the 1940 standard and more closely match crude rates which reflect the actual age distribution of a population.

PREMATURE MORTALITY RATE:

$$\frac{\text{Sum of (age-specific death rates < age 75 x standard population in corresponding age groups)}}{\text{Sum of Standard Population < age 75}} \times 100{,}000$$

CAUSE-SPECIFIC DEATH RATE:

$$\frac{\text{Deaths Due to a Specified Cause}}{\text{Total Population}} \times 100{,}000$$

MATERNAL MORTALITY RATE:

$$\frac{\text{Total Maternal Deaths}}{\text{Total Live Births}} \times 100{,}000$$

TOTAL FERTILITY RATE:

$$\text{Sum of Age-Specific Birth Rates Among Women for 5-year Age Groups Between 10 and 49*} \times 5$$

The sum of the age-specific birth rates of women in five-year age groups multiplied by five is the total fertility rate. This rate estimates the number of children a cohort of 1,000 women would bear if they all went through their childbearing years exposed to the age-specific birth rates in effect for a particular time. The total fertility rate, or TFR, can be used as an estimate of the fertility growth factor in a population, e.g. whether the childbearing population is replacing itself or not. A TFR of 2,000 or above indicates that, on the average, couples are producing at least two children to replace themselves. When the TFR exceeds 2,000 for an extended period, the next generation of childbearing age will probably be larger than the present population of that age, if all other factors affecting the population, such as death rates and migration, remain constant. Pennsylvania's TFR has been under 2,000 since 1972. However, it has remained relatively stable since then, although still below replacement level. The TFR is not meant to be used as an absolute measure of population trends, but can be helpful in understanding and analyzing them. There are many other factors to consider when determining population trends, such as crude birth rates, death rates and migration patterns. It would take several generations of a childbearing population maintaining a replacement level to just stabilize a specific population, again given that other factors, mainly age-specific death rates, also were maintained.

*Births to mothers under 15 are included in the 10-14 age group and births to mothers 45 and older are included in the 45-49 age group.

REPORTED PREGNANCY RATE:

$$\frac{\text{(Total Live Births + Fetal Deaths + Induced Abortions)}}{\text{Female Population Ages 15-44}} \times 1000$$

AGE-SPECIFIC REPORTED PREGNANCY RATE:

$$\frac{\text{(Live Births + Fetal Deaths + Induced Abortions) for Females of Specified Ages}}{\text{Female Population for Same Specified Ages}} \times 1000$$

AVERAGE ANNUAL RATE:

$$\frac{\text{Total Number of Events for a Specified Multiple-Year Period}}{\text{Total Population for Same Specified Multiple-Year Period}} \times 1000$$

2. Reliability of Rates:

Rates (or percentages) based on small numbers of events over a specified period of time, or for a sparsely populated geographic area, should be of particular concern and used cautiously.

As an example of the various problems involved with the reliability of rates, we will use the infant mortalityrate in 2008 for Elk County. There were only twoinfant deaths reported in 2008 among residents of Elk County, a rather sparsely populated rural county. Unfortunately, those two deaths could be enough to give Elk County an infant mortality rate that would appear to be higher than most counties in the state. This is the chance result of a few deaths having enormous significance when statistically applied to the number of births among the residents of that county. Any statement regarding this high infant mortallity rate in Elk County could be quite misleading. When small numbers of events (generally less than 10) are involved in calculating or reviewing rates, multiple-year rates (usually five or ten-year average annual rates) will sometimes provide a much better perspective or measurement of an outcome. For this reason, all rates or percentages that involve small numbers (generally less than 10 unless otherwise noted) have been suppressed and are not displayed in this report. As an alternative, expanding the period of time studied enlarges the absolute numbers and adds more credence to a statement regarding Elk County's infant mortality rate. Expanding the area of study can also help with small numbers.

There are many characteristics of a population that can also render a crude rate of little use. Any unique demographic factors such as those related to age, sex and race may not be accounted for in crude rates. One prime Pennsylvania example

is Centre County. Because Penn State's major campus with over 35,000 students is located in this rural county, the median age is usually the lowest in the state; so is the crude death rate. However, rates can be adjusted or calculated to more specific groups within a population. When all county rates are adjusted for age, Centre County usually appears closer to the middle of these rates. Age, sex or race adjusted and specific rates can offer a more refined measurement to compare vital event experiences over geographic areas or time periods. However, there are limitations to their use (see definition of age-adjusted rate in Section E.1.) and one should be very familiar with these rates before attempting their use.

3. Variability of Rates:

Standard Errors and Confidence Intervals

All rates are subject to random variation. This variation 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 will be the variability of the rate.

It is common practice among statisticians and data users familiar with health statistics to calculate a standard error (SE) of a rate when studying or comparing rates. This statistic defines a rate's variability and can be used to calculate a confidence interval (CI) to determine the actual variance of a rate 95 percent of the time.

The standard error (SE) for a cause or age-specific or adjusted rate per 100,000 population can be estimated* by dividing that rate by the square root of the number of events (N) upon which the rate was based:

$$\text{RATE} / \sqrt{N}$$

This standard error estimate assumes the rate to be a binomial proportion. It was used to calculate the standard errors for the 95 percent confidence intervals that appear in this report.

As an example, let's use Pennsylvania's 2008 age-adjusted heart disease death rate of 207.3 per 100,000 population in the calculation of this estimated S.E. and 95 percent C.I. The rate of 207.3 was based on 33,179 resident heart disease deaths reported for 2008. The square root of 33,179 is 182.15. By dividing the rate of 207.3 by 182.15, one obtains the estimated S.E. of 1.14.

This estimated S.E. can then be used to compute a 95 percent CI for the rate. The standard formula for determining the 95 percent CI of a rate is:

$$\text{RATE} \pm (1.96 \times \text{S.E.})$$

*Keyfitz N. Sampling Variance of Standardized Mortality Rates, Human Biology, 38: 309-317, 1966.

Following this formula, for the rate we are using, produces an equation of $207.3 \pm (1.96 \times 1.14)$ and the result is 207.3 ± 2.2. Then, by subtracting and adding 2.2 against the original rate of 207.3, a range can be calculated and considered the estimated 95 percent confidence interval for the rate, i.e., 205.0 - 209.5. One could then state, with 95 percent certainty, that the actual 2008 age-adjusted heart disease death rate for the state was between 205.0 and 209.5.

The above formulas were used for calculating the confidence intervals that appear in this report. There are various statistical formulas for comparing rates, depending on the types of rates or populations being studied and the number of events involved. If you are not familiar with the use of these statistical applications, we recommend review of publications addressing these issues and/or consultation with a statistician or other professional familiar with analyzing/comparing health statistics before pursuing any further study of the rates that appear in this report.

In addition, we recommend that users disregard age-adjusted rates based on less than 20 events and any other rates based on less then ten events. The standard errors and confidence intervals for these rates are usually "very large" and, therefore, not reliable, especially for any comparative analysis. Thus, these rates have been suppressed and denoted as "ND" in the report.

NOTE: For more detailed information and assistance on computing and using reliable rates/statistics for analysis, please go to the Bureau of Health Statistics and Research's web pages at ***www.health.state.pa.us/stats*** and select Statistical Resources.

F. 2003 REVISIONS TO CERTIFICATE OF LIVE BIRTH

1. Background

Beginning with the reporting of 2003 live births, Pennsylvania implemented the latest revision of the U.S. Standard Certificate of Live Birth. The standard certificates have been the principal means for achieving the uniformity in information upon which national vital statistics are based. To ensure that the standard certificates and reports meet current data needs, it is essential that they be reviewed and revised periodically. This revision came about as a result of an extensive evalualtion process initiated by the National Center for Health Statistics (NCHS). NCHS achieved this by assembling a panel of expert consultants to evaluate the 1989 Standard Certificate and to recommend revisions.

While most data items on the certificate are comparable to past years, certain items have been changed or removed, which will cause discontinuity in some birth trend data. Many of the changes were made to the medical portion of the

document. Specifically, revisions were made to the Medical Risk Factors, Obstetric Procedures, Complications of Labor and/or Delivery, Method of Delivery, Abnormal Conditions of the Newborn and Congenital Anomalies sections. In some cases, the section names were changed, and a number of check box items were added, deleted or amended, as appropriate, to elicit more specific and/or attainable information.

In addition, items were added to the certificate to address data collection needs and facilitate the linkage of data sets. Questions were also added to collect information on maternal morbidity, mother's height and weight, WIC participation, principal source of payment for delivery, infections present and breast feeding status.

All of the changes listed are anticipated to lead to improvements in the quality of birth data. For additional information on the evaluation and recommendation process, please visit the NCHS website at ***http://www.cdc.gov/nchs/nvss/vital_certificate_revisions.htm***.

Please note that not all states have implemented the use of the new birth certificate format. Therefore, items which were added or significantly revised in the 2003 revisions will most likely not have information provided for Pennsylvania residents who gave birth in another state. These unknown data will appear in residence data but not occurrence data.

2. Overview of Revised or New Data Items

Height and weight of the mother. The 2003 certificate collected data on the mother's height for the first time. Previously, the certificate only asked for the weight gained by the mother during pregnancy. Now, the mother's pre-pregancy weight and weight at delivery are collected.

Race of the mother and the father. The race items were revised from an open-ended question to a check box format which allows multiple races to be reported. The certificate used by Pennsylvania was also revised to collected self-designated single race data. For this report, the self-designated single race data was utilized. Also, consistent with national guidelines, birth records prior to 2003 with write-ins of Hispanic for race were coded to White. Starting in 2003, these records were coded as other.

Prenatal care visits. In previous years, the mother or prenatal care provider reported the month of pregnancy in which the mother began prenatal care. As of 2003, this item was replaced by the exact dates of first and last prenatal visit. Therefore, the month prenatal care began is now calculated from the last normal menses date and the date of first prenatal care visit.

Tobacco use. This item was revised to collect the average number of cigarettes smoked per day during the three months before pregnancy and by trimester (first three months, second three months, and last three months) during pregnancy. Prior to 2003, a simple yes/no question ("Tobacco use during pregnancy?") and average number of cigarettes smoked per day (throughout the pregnancy) were asked.

Risk factors. The 2003 certificate gathers this information in greater detail by asking when diabetes was diagnosed (pre-pregnancy or gestational). Additional information on whether the pregnancy was assisted by reproduction technology (i.e. prenancy resulted from infertillity treatment) is also collected.

Method of delivery. Several new questions are asked including the fetal presentation at birth, whether a delivery with forceps or vacuum extraction was attempted but unsuccessful, and whether a trial of labor was attempted. This section was revised so that the provider reports only the final route and method of delivery.

Obstetric procedures. New choices have been added including the success or failure of an external cephalic version.

Abnormal conditions of the newborn. The selections within this portion of the certificate have been revised to include information on NICU (neonatal intensive care unit) admission, significant birth injury, and antibiotics received by the newborn for suspected neonatal sepsis.

Congenital anomalies of the newborn. Many of the anomalies previously listed, including an "other anomalies" category, are no longer collected. Additional choices have been added to both the Down syndrome and suspected chromosomal disorder options to gather greater detail.

Education. Prior to 2003, the mother was asked to report the highest grade completed. The 2003 certificate includes a series of check boxes to report the highest level of education completed at the time of delivery. The check boxes include degrees completed rather than years of schooling.

New data items. Other new data items collected on the 2003 certificate not previously mentioned in this section include:

- Infections during pregnancy
- Infant being breast fed
- Principal source of payment for delivery
- Maternal morbidity
- WIC food received.

G. 2006 REVISIONS TO CERTIFICATES OF DEATH AND FETAL DEATH

1. Background

Starting in 2006, Pennsylvania implemented the latest revisions of the U.S. Standard Certificate of Death and Certificate of Fetal Death. Following an evaluation process

initiated by the National Center for Health Statistics (NCHS), revisions were made to both certificates. As mentioned previously, the standard certificates have been the principal means for achieving the uniformity in information upon which national vital statistics are based.

Three new data items were added to the Certificate of Death, allowing previous data to still be comparable. The three questions added pertained to tobacco use contributing to death, whether the decedent was pregnant at the time of death, and the type of transportation injury death, if a transporation-related injury death occurred.

While most data items on the Certificate of Fetal Death are comparable to past years, certain items have been changed or removed which will cause discontinuity in some fetal death trend data. Many of the changes made were to questions concerning the mother. Specifically, revisions were made to the Cause/Conditions Contributing to the Fetal Death, Medical Risk Factors, Complications of Labor and/or Delivery, Method of Delivery and Congenital Anomalies sections. In some cases, the section names were changed, and a number of check box items were added, such as those for race of the mother or mother's education.

H. UNDERLYING CAUSES OF DEATH

1. Implementation of ICD-10

Starting with the reporting of 1999 deaths, the International Classification of Diseases (ICD) system for mortality adopted the new Tenth Revision or ICD-10 coding structure and rules for determining and classifying underlying causes of death. ICD-10 replaces ICD-9, which was first used for 1979 events. The first ICD was created in 1900 and was usually revised every ten years after that. It is developed by the World Health Organization (WHO) in collaboration with ten international centers, one of which is the National Center for Health Statistics (NCHS), to promote international comparability for presentation and analysis of mortality statistics. All states, in order to insure universal comparability, have followed international and national standards and implemented use of ICD-10 in 1999.

The change from ICD-9 to ICD-10 (the first revision in twenty years) will affect the reporting of leading causes of death, thereby creating major discontinuities in mortality trend data.

The rationale for the periodic revisions to the ICD system has been to reflect advances in medical science and changes in diagnostic terminology. Some major differences between ICD-10 and ICD-9 include the following:

- ICD-10 is far more detailed than ICD-9; about 8,000 categories compared with 4,000.
- ICD-10 uses 4-digit alphanumeric codes compared with 4-digit numeric codes used in ICD-9.
- Cause-of-death titles have been changed and medical conditions have been regrouped.
- Some coding or classification rules have been changed.

Due to the adoption of ICD-10, some major causes of death will not be entirely comparable to those coded under ICD-9. Some will simply have a name change, but will include the same conditions. Also, please note that, starting with 2001 deaths, new ICD-10 codes for Terrorism Deaths were added (U01.0-U03.9).

2. Comparability Ratios (ICD 10 vs. ICD 9)

As stated above, the new ICD revisions for determining and classifying underlying causes of death will result in major discontinuities when comparing causes from previous years. To assist the public health community in understanding the discontinuities caused by adoption of ICD-10, The National Center for Health Statistics (NCHS) double-coded all United States deaths (2.3 million) for 1996 according to ICD-9 and ICD-10 standards. This allowed NCHS to produce comparability ratios from the two coded data sets by dividing the number of deaths for a selected cause classified under ICD-10 by the number of deaths classified to the most nearly comparable cause of death under ICD-9. The resulting ratio represents the net effect of the revision on the counts for this cause and can be used to explain changes in numbers and rates. Please contact the Bureau for a list of these ratios by cause of death. Additional information on ICD-9 and ICD-10 comparability issues can be found on the NCHS web site at ***http://www.cdc.gov/nchs/icd.htm***.

Most causes have a comparability ratio close to 1.0, which represents a near perfect match. However, several causes do have somewhat higher or lower ratios, most notably "Influenza and Pneumonia" and "Alzheimer's Disease." The high/low ratios for those two causes are directly due to the changes in the coding rules for classifying underlying cause of death under ICD-10.

Pneumonia is most often the consequence of another condition or injury, and ICD-10 allows for a much broader range of conditions, of which pneumonia can be considered a consequence. As a result, pneumonia is much less likely to be selected as an underlying cause of death under ICD-10 than under ICD-9. The opposite is true of Alzheimer's Disease, which is now much more likely to be determined as an underlying cause of death under ICD-10.

I. MULTIPLE CAUSES OF DEATH

Traditionally, aggregate mortality statistics have been based on a tabulation of deaths, with one underlying cause

assigned for each death. However, the medical certifier is required to report on a death certificate the immediate cause of death, the antecedent conditions which gave rise to the immediate cause, the underlying cause and any other significant conditions contributing to death that are not related to any previously stated causes on the death certificate. An ever increasing demand for more comprehensive mortality data, coupled with advances in computer technology, resulted in the development of the Automated Classification of Medical Entities (ACME) system by the National Center for Health Statistics.

The principal objective of this system is to provide full medical information from death certificates by assigning the traditional underlying cause, as well as tabulating multiple causes from all medical conditions listed on the certificates by the certifier, through automated application of the internationally recognized classification of diseases. The result is multiple cause data made available on computer tape by means of a system of computer programs furnished by the National Center for Health Statistics.

The multiple causes of death information are coded to computer files in two formats: record axis and entity axis. Entity codes identify the conditions causing or contributing to death, together with their position as they were entered in the cause of death section of the death certificate. Record axis codes, on the other hand, reflect the application of a uniform set of rules to the entity codes in order to eliminate redundancies and internal inconsistencies and to substitute the preferred codes for a given combination of conditions. Use of the entity codes is necessary to study the temporal and causal relationships among the conditions associated with a given set of deaths. Use of the record axis codes, however, is necessary if the conditions associated with death are to be aggregated and tabulated on a uniform basis.

Please contact the Bureau of Health Statistics and Research if you are interested in more information about multiple causes of death statistics.