LIST OF DATA TABLES AND ILLUSTRATIONS

POPULATION DATA TABLES **PAGE**

Table A-1 Population in Pennsylvania, 1950-1999 8

Table A-2 Population by Age, Race, and Hispanic Origin: Pennsylvania, 1999 9

Table A-3 Population by Age and Sex: Pennsylvania, 1990 and 1999 10

Table A-4 Population by County: Pennsylvania, 1990 and 1999 12

Table A-5A Total Population by Age and County: Pennsylvania, 1999 14

Table A-5B Male Population by Age and County: Pennsylvania, 1999 16

Table A-5C Female Population by Age and County: Pennsylvania, 1999 18

Table A-6 Population for Selected Municipalities: Pennsylvania, 1999 and 1990 20

POPULATION DATA ILLUSTRATIONS **PAGE**

Figure A-1 Population, Percent by Age Group, Pennsylvania, 1950, 1960, 1970, 1980, 1990, and 1999 8

Figure A-2 Population by Age and Sex, Pennsylvania, 1999 11

Figure A-3 State Map: Percent Population Change by County, Pennsylvania, 1990 to 1999 13

Table A-1
Population* in Pennsylvania, 1950-1999

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

* 1950, 1960, 1970, 1980 and 1990 populations as enumerated by the U.S. Bureau of the Census. The 1981 through 1989 and 1991 through 1999 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, and 1999

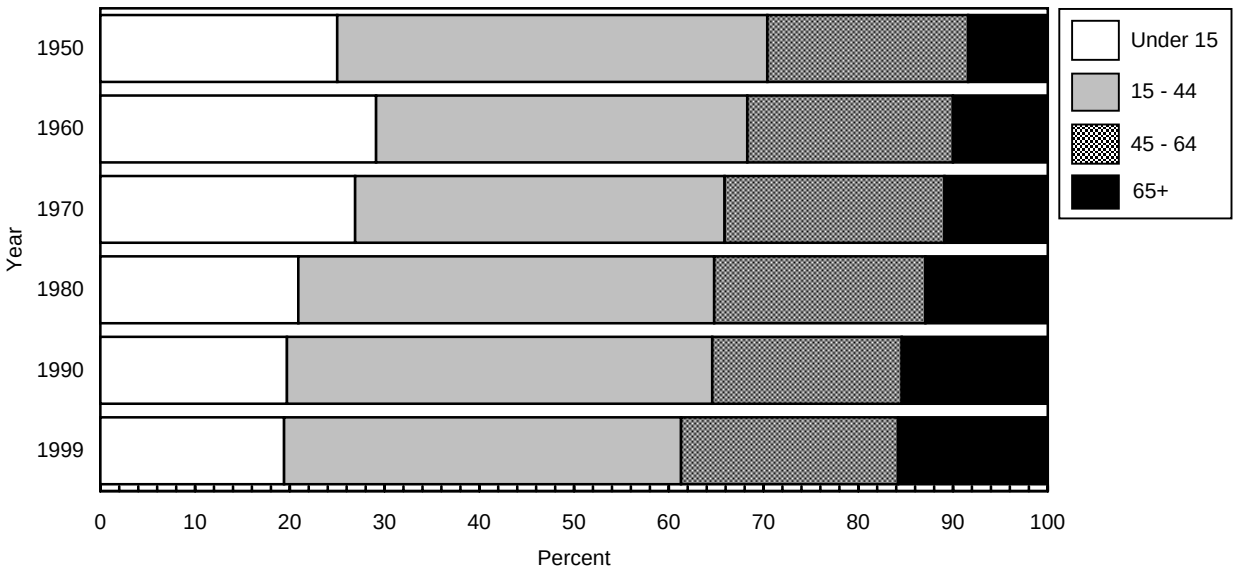


Table A-2
Population by Age, Race, and Hispanic Origin
Pennsylvania, 1999

Age Group (In Years)	Race			Hispanic Origin
	All Races	White	Black	
All Ages	11,994,016	10,629,530	1,180,388	326,219
Under 1 Year	144,963	121,163	20,004	7,552
1 - 4	598,793	503,116	81,673	28,080
5 - 9	785,592	665,781	103,413	33,860
10 - 14	793,572	680,153	98,326	32,027
15 - 19	844,579	733,047	95,228	29,651
20 - 24	797,799	688,638	92,260	28,110
25 - 29	761,380	657,246	89,323	26,991
30 - 34	833,124	730,005	88,945	26,456
35 - 39	888,102	786,141	87,982	24,996
40 - 44	897,999	801,715	82,632	21,891
45 - 49	842,429	757,864	71,941	18,284
50 - 54	736,431	665,942	59,831	13,763
55 - 59	625,483	567,598	49,520	10,352
60 - 64	544,812	497,270	41,487	7,597
65 - 69	494,176	458,349	33,363	5,255
70 - 74	455,927	426,381	27,978	3,811
75 - 79	382,433	359,466	22,008	2,874
80 - 84	278,477	260,775	16,763	1,930
85 and Over	287,945	268,880	17,711	2,739

Source: 1999 population are estimates prepared by the State Data Center of the Pennsylvania State University at Harrisburg.

Note: Hispanic origin can be of any race.

Table A-3
Population by Age and Sex: Pennsylvania, 1990 and 1999

Age Group (In Years)	Both Sexes 1999 Estimated Population	Both Sexes 1990 Enumerated Population	Male 1999 Estimated Population	Male 1990 Enumerated Population	Female 1999 Estimated Population	Female 1990 Enumerated Population
All Ages	11,994,016	11,881,643	5,780,837	5,694,265	6,213,179	6,187,378
Under 1 Year	144,963	139,208	74,511	71,216	70,452	67,992
1 - 4	598,793	657,850	306,975	337,916	291,818	319,934
5 - 9	785,592	788,301	403,261	404,354	382,331	383,947
10 - 14	793,572	755,161	406,327	386,452	387,245	368,709
15 - 19	844,579	818,058	425,533	415,738	419,046	402,320
20 - 24	797,799	863,007	401,947	430,315	395,852	432,692
25 - 29	761,380	920,217	387,359	455,105	374,021	465,112
30 - 34	833,124	992,239	417,849	489,019	415,275	503,220
35 - 39	888,102	923,018	440,493	456,698	447,609	466,320
40 - 44	897,999	821,849	442,422	403,648	455,577	418,201
45 - 49	842,429	656,083	411,548	318,489	430,881	337,594
50 - 54	736,431	557,762	356,977	266,989	379,454	290,773
55 - 59	625,483	552,378	299,210	260,268	326,273	292,110
60 - 64	544,812	607,406	254,036	279,697	290,776	327,709
65 - 69	494,176	590,557	218,991	260,393	275,185	330,164
70 - 74	455,927	479,464	190,761	199,559	265,166	279,905
75 - 79	382,433	361,306	149,280	137,547	233,153	223,759
80 - 84	278,477	225,943	101,262	75,022	177,215	150,921
85 and Over	287,945	171,836	92,095	45,840	195,850	125,996

Source: 1990 population enumerated by the U.S. Bureau of the Census.
1999 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, 1999

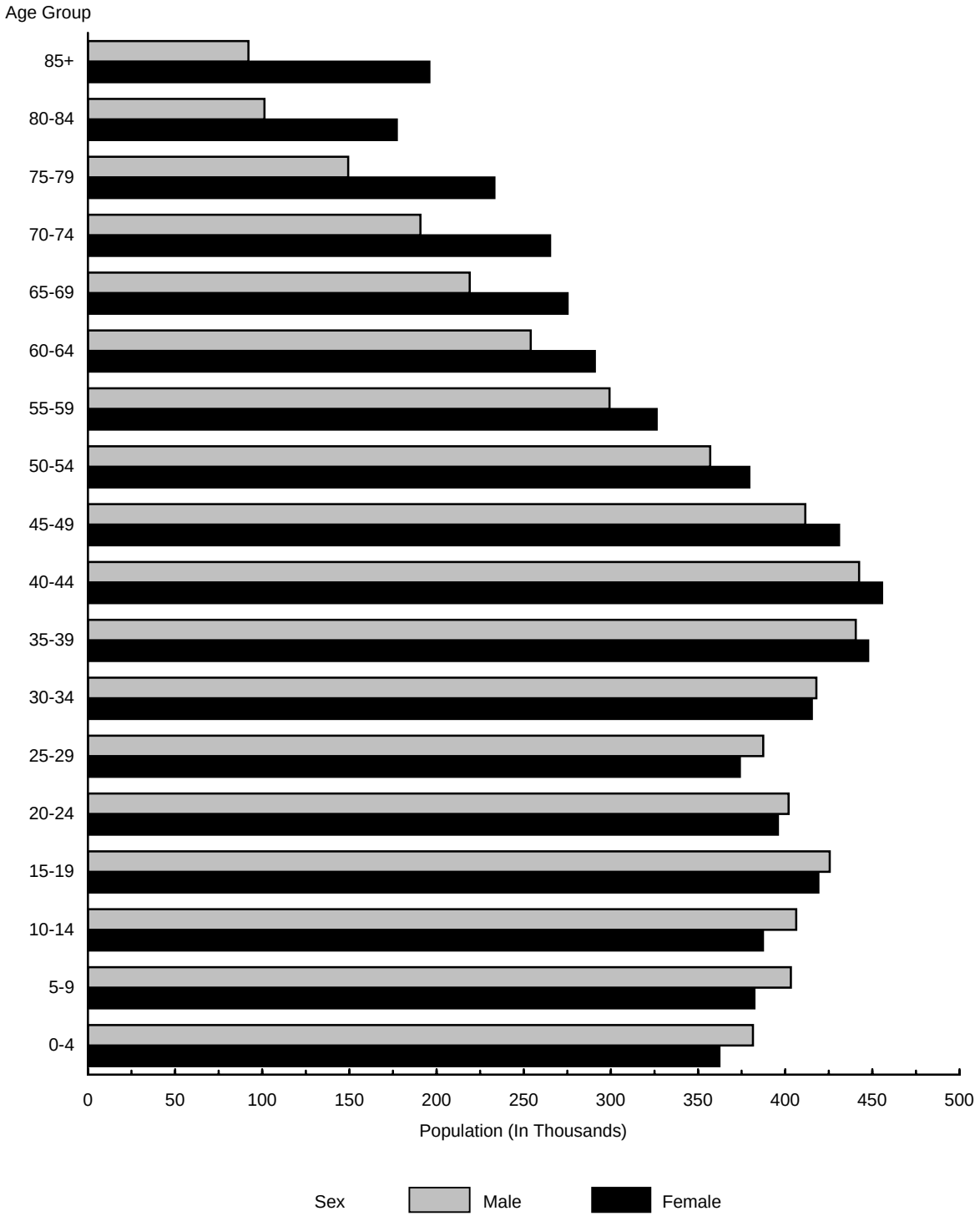


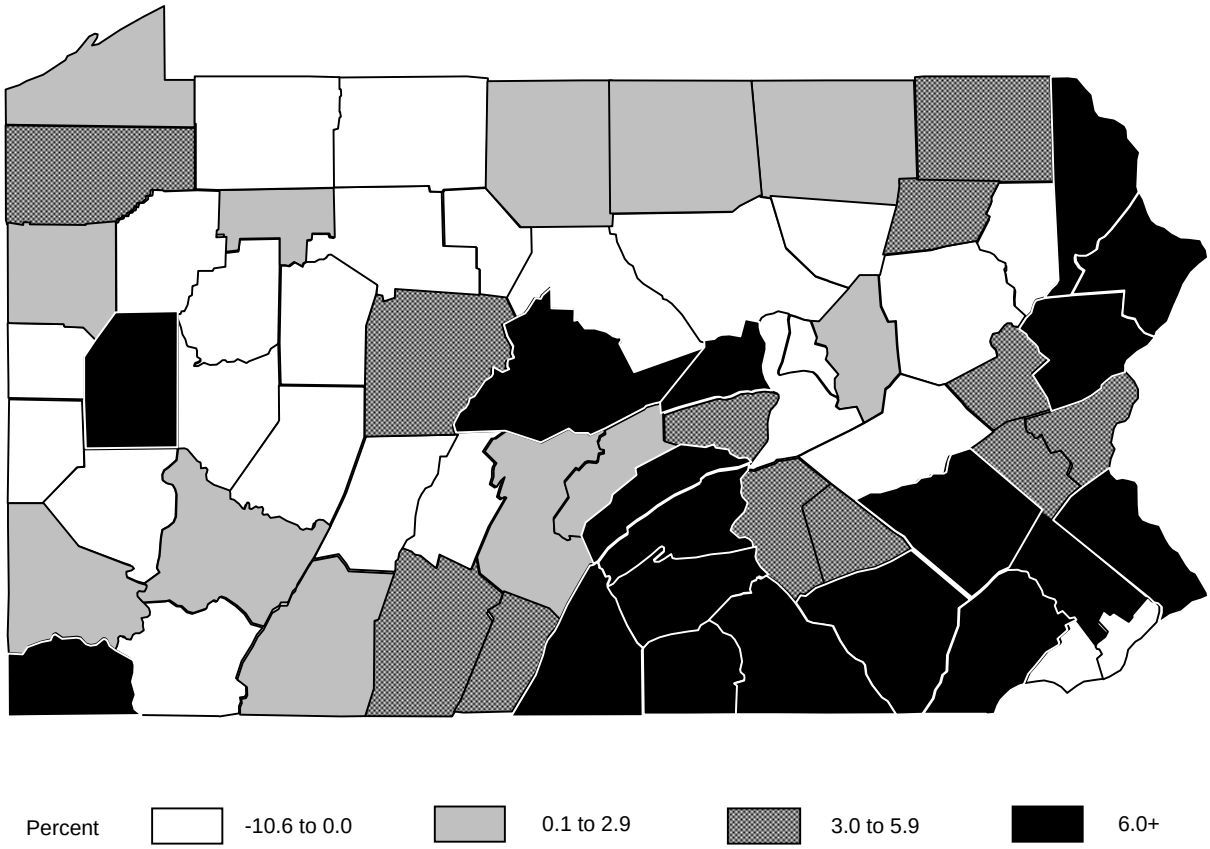
Table A-4

Population by County: Pennsylvania, 1990 and 1999

County	1999 Estimated Population	1990 Enumerated Population	Percent Change 1990-1999	County	1999 Estimated Population	1990 Enumerated Population	Percent Change 1990-1999
All Counties	11,994,016	11,881,643	0.9				
Adams	87,697	78,274	12.0	Lackawanna	206,520	219,039	-5.7
Allegheny	1,256,806	1,336,449	-6.0	Lancaster	460,035	422,822	8.8
Armstrong	73,001	73,478	-0.6	Lawrence	94,508	96,246	-1.8
Beaver	182,687	186,093	-1.8	Lebanon	117,856	113,744	3.6
Bedford	49,699	47,919	3.7	Lehigh	299,855	291,130	3.0
Berks	358,211	336,523	6.4	Luzerne	312,000	328,149	-4.9
Blair	129,937	130,542	-0.5	Lycoming	116,709	118,710	-1.7
Bradford	62,146	60,967	1.9	McKean	45,987	47,131	-2.4
Bucks	594,047	541,174	9.8	Mercer	121,458	121,003	0.4
Butler	172,522	152,013	13.5	Mifflin	46,793	46,197	1.3
Cambria	153,766	163,029	-5.7	Monroe	128,541	95,709	34.3
Cameron	5,571	5,913	-5.8	Montgomery	724,087	678,111	6.8
Carbon	58,759	56,846	3.4	Montour	17,571	17,735	-0.9
Centre	132,190	123,786	6.8	Northampton	259,736	247,105	5.1
Chester	430,001	376,396	14.2	Northumberland	93,163	96,771	-3.7
Clarion	41,651	41,699	-0.1	Perry	44,280	41,172	7.5
Clearfield	80,732	78,097	3.4	Philadelphia	1,417,601	1,585,577	-10.6
Clinton	36,774	37,182	-1.1	Pike	41,357	27,966	47.9
Columbia	63,674	63,202	0.7	Potter	17,115	16,717	2.4
Crawford	89,109	86,169	3.4	Schuylkill	148,788	152,585	-2.5
Cumberland	210,663	195,257	7.9	Snyder	37,875	36,680	3.3
Dauphin	245,576	237,813	3.3	Somerset	80,028	78,218	2.3
Delaware	541,502	547,651	-1.1	Sullivan	6,038	6,104	-1.1
Elk	34,344	34,878	-1.5	Susquehanna	42,190	40,380	4.5
Erie	276,993	275,572	0.5	Tioga	41,657	41,126	1.3
Fayette	143,775	145,351	-1.1	Union	40,546	36,176	12.1
Forest	4,938	4,802	2.8	Venango	57,562	59,381	-3.1
Franklin	128,812	121,082	6.4	Warren	43,505	45,050	-3.4
Fulton	14,616	13,837	5.6	Washington	204,888	204,584	0.1
Greene	42,072	39,550	6.4	Wayne	46,080	39,944	15.4
Huntingdon	44,753	44,164	1.3	Westmoreland	370,658	370,321	0.1
Indiana	87,831	89,994	-2.4	Wyoming	29,298	28,076	4.4
Jefferson	46,086	46,083	0.0	York	376,586	339,574	10.9
Juniata	22,204	20,625	7.7				

Source: 1990 population enumerated by the U.S. Bureau of the Census.
1999 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, 1990 to 1999



Note: State percent is 0.9.

Table A-5A

Total Population by Age and County: Pennsylvania, 1999

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	11,994,016	144,963	598,793	785,592	793,572	479,713	364,866	797,799	761,380
Adams	87,697	1,033	4,326	5,848	6,136	3,851	3,466	6,096	5,282
Allegheny	1,256,806	14,180	59,639	77,714	77,627	47,774	33,091	74,211	74,106
Armstrong	73,001	799	3,357	4,471	4,678	2,898	2,060	4,568	4,666
Beaver	182,687	1,926	8,826	11,762	11,855	6,976	4,898	10,524	11,022
Bedford	49,699	622	2,468	3,307	3,444	1,899	1,216	2,703	2,945
Berks	358,211	4,708	18,715	24,127	23,907	15,026	10,874	23,031	22,870
Blair	129,937	1,522	6,238	8,269	8,594	5,478	4,079	7,773	8,241
Bradford	62,146	735	3,241	4,528	4,635	2,545	1,451	3,293	3,774
Bucks	594,047	7,681	31,909	42,704	42,701	22,248	13,951	30,305	37,819
Butler	172,522	2,283	9,344	12,079	11,396	6,760	6,100	12,346	11,043
Cambria	153,766	1,478	6,687	8,984	9,421	6,266	4,629	9,810	8,979
Cameron	5,571	57	271	370	379	214	119	264	288
Carbon	58,759	636	2,633	3,704	3,889	2,075	1,296	2,606	3,638
Centre	132,190	1,191	4,997	6,453	6,656	4,765	11,218	25,473	8,153
Chester	430,001	5,842	23,461	30,439	29,852	17,052	12,976	26,728	28,041
Clarion	41,651	392	1,734	2,249	2,485	1,833	2,774	5,220	2,221
Clearfield	80,732	849	3,726	4,932	5,183	3,404	2,153	5,568	5,637
Clinton	36,774	431	1,730	2,168	2,266	1,576	1,905	3,777	1,925
Columbia	63,674	588	2,646	3,505	3,703	2,606	3,919	7,183	3,676
Crawford	89,109	1,140	4,556	5,976	6,265	4,034	3,361	6,191	5,534
Cumberland	210,663	2,266	9,409	12,385	12,460	7,865	8,622	16,918	14,120
Dauphin	245,576	3,052	12,778	16,403	16,925	8,479	5,698	14,210	16,196
Delaware	541,502	6,813	27,460	35,453	35,819	24,657	18,374	36,531	34,305
Elk	34,344	376	1,731	2,345	2,473	1,444	781	1,902	2,084
Erie	276,993	3,433	14,607	19,169	19,261	12,188	11,587	21,857	18,641
Fayette	143,775	1,561	6,951	9,122	9,370	5,843	3,670	9,199	9,266
Forest	4,938	38	171	242	261	280	288	280	314
Franklin	128,812	1,782	6,564	8,769	8,742	5,064	3,472	7,322	8,210
Fulton	14,616	179	713	988	1,060	609	374	869	969
Greene	42,072	358	1,843	2,588	2,860	1,933	1,381	3,362	3,068
Huntingdon	44,753	515	2,000	2,635	2,772	1,809	1,549	3,747	3,184
Indiana	87,831	906	3,697	5,031	5,397	3,832	5,740	11,422	4,396
Jefferson	46,086	479	2,137	2,874	3,091	1,940	1,388	3,060	3,026
Juniata	22,204	293	1,187	1,476	1,477	879	639	1,543	1,505
Lackawanna	206,520	2,096	9,013	11,986	12,577	8,489	5,959	13,856	13,520
Lancaster	460,035	6,613	26,762	33,972	33,262	19,194	15,627	32,201	30,171
Lawrence	94,508	1,031	4,617	6,109	6,271	3,851	2,857	6,143	5,432
Lebanon	117,856	1,497	6,055	7,928	8,009	4,726	3,238	6,515	7,216
Lehigh	299,855	3,855	15,030	19,432	19,308	10,926	7,521	17,684	18,539
Luzerne	312,000	3,210	13,360	18,150	19,082	12,187	8,827	17,162	18,553
Lycoming	116,709	1,339	5,530	7,519	7,901	4,812	3,401	8,221	7,467
McKean	45,987	484	2,175	2,895	2,936	1,871	1,319	2,737	3,078
Mercer	121,458	1,355	5,799	7,668	7,594	5,102	4,163	8,944	6,996
Mifflin	46,793	592	2,478	3,224	3,187	1,877	1,180	2,854	3,105
Monroe	128,541	1,551	6,906	9,533	9,547	5,232	4,629	8,626	8,103
Montgomery	724,087	9,619	38,329	48,731	48,192	24,976	15,493	35,486	41,834
Montour	17,571	197	927	1,251	1,240	694	483	815	1,112
Northampton	259,736	2,936	12,369	16,835	17,163	10,058	9,521	19,307	16,174
Northumberland	93,163	1,018	4,229	5,840	6,067	3,460	2,061	4,872	5,685
Perry	44,280	562	2,298	3,072	3,180	1,801	1,294	2,452	3,048
Philadelphia	1,417,601	19,485	76,178	96,957	97,232	61,643	44,344	112,905	101,180
Pike	41,357	396	1,951	3,089	3,045	1,631	1,011	2,083	2,812
Potter	17,115	218	853	1,135	1,225	720	506	1,144	1,114
Schuylkill	148,788	1,444	6,445	8,815	9,128	5,405	3,473	8,448	9,424
Snyder	37,875	431	1,830	2,491	2,532	1,611	1,605	3,241	2,527
Somerset	80,028	866	3,596	4,861	5,135	3,319	1,950	5,382	5,386
Sullivan	6,038	55	235	329	358	343	250	398	319
Susquehanna	42,190	428	2,053	2,913	3,226	1,900	1,086	2,169	2,575
Tioga	41,657	416	1,853	2,650	2,864	2,047	1,996	3,448	2,395
Union	40,546	393	1,669	2,265	2,352	1,591	2,428	4,388	2,331
Venango	57,562	703	2,788	3,869	3,974	2,616	1,394	3,393	3,516
Warren	43,505	477	2,034	2,780	2,987	1,760	1,049	2,407	2,579
Washington	204,888	2,106	9,382	12,179	12,467	8,085	5,880	13,837	12,989
Wayne	46,080	556	2,341	3,240	3,190	1,531	995	2,129	2,877
Westmoreland	370,658	3,869	16,986	22,792	22,940	13,782	9,427	22,507	22,828
Wyoming	29,298	334	1,462	1,986	2,136	1,430	1,036	1,804	2,102
York	376,586	4,687	19,508	26,027	26,225	14,941	9,764	20,349	25,249

Source: 1999 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, 1999

	Age Group (In Years)								
County	30 - 34	35 - 39	40 - 44	45 - 49	50 - 54	55 - 64	65 - 74	75 - 84	85+
All Counties	833,124	888,102	897,999	842,429	736,431	1,170,295	950,103	660,910	287,945
Adams	5,958	6,593	6,767	6,211	5,236	8,513	6,491	4,200	1,690
Allegheny	84,541	93,942	96,354	90,822	79,014	127,324	109,814	80,618	36,035
Armstrong	4,851	5,141	5,352	5,040	4,480	7,476	6,448	4,784	1,932
Beaver	12,285	12,726	13,155	12,614	11,230	19,359	17,198	11,541	4,790
Bedford	3,471	3,621	3,624	3,377	3,102	5,691	4,353	2,691	1,165
Berks	25,326	26,576	26,555	24,622	21,607	34,449	28,455	19,041	8,322
Blair	8,561	9,176	9,289	8,875	8,109	13,528	11,295	7,672	3,238
Bradford	4,464	4,414	4,705	4,382	4,032	6,380	4,992	3,209	1,366
Bucks	46,805	50,816	49,868	45,881	39,504	57,276	40,019	24,919	9,641
Butler	13,376	13,463	12,788	11,899	10,182	15,976	12,046	7,872	3,569
Cambria	9,929	10,615	10,980	10,654	9,497	15,933	14,389	10,610	4,905
Cameron	328	368	389	391	363	651	556	373	190
Carbon	4,257	4,522	4,444	4,134	3,738	6,228	5,745	3,688	1,526
Centre	8,080	9,001	8,425	7,735	6,528	9,937	7,388	4,509	1,681
Chester	31,736	35,036	35,387	32,801	28,290	41,646	27,241	16,955	6,518
Clarion	2,499	2,574	2,777	2,618	2,260	3,999	3,038	1,986	992
Clearfield	5,795	5,883	5,844	5,458	4,843	8,063	6,681	4,583	2,130
Clinton	2,024	2,268	2,371	2,363	2,166	3,656	3,189	2,038	921
Columbia	3,897	4,117	4,346	3,923	3,469	5,914	5,241	3,471	1,470
Crawford	5,756	6,060	6,411	5,935	5,332	8,863	6,955	4,744	1,996
Cumberland	14,602	15,298	15,578	14,801	13,275	21,072	16,827	11,109	4,056
Dauphin	18,096	19,671	19,948	19,002	15,765	23,974	17,756	12,005	5,618
Delaware	37,193	40,515	40,339	37,316	31,891	47,947	42,287	31,416	13,186
Elk	2,439	2,469	2,427	2,287	2,068	3,487	3,186	2,028	817
Erie	18,836	19,653	19,575	18,246	15,811	24,651	19,549	14,137	5,792
Fayette	9,717	9,930	10,211	9,812	8,708	14,482	12,791	8,989	4,153
Forest	312	289	238	284	285	554	540	445	117
Franklin	9,154	9,493	9,748	9,094	8,048	12,967	10,787	6,819	2,777
Fulton	1,008	1,066	1,077	1,074	955	1,550	1,126	678	321
Greene	2,987	3,185	3,142	2,946	2,475	3,679	2,964	2,226	1,075
Huntingdon	3,228	3,419	3,269	2,893	2,724	4,432	3,501	2,124	952
Indiana	5,221	5,184	5,604	5,584	5,148	8,153	6,195	4,431	1,890
Jefferson	3,073	3,215	3,296	3,111	2,816	4,616	4,097	2,693	1,174
Juniata	1,545	1,557	1,595	1,569	1,430	2,302	1,665	1,032	510
Lackawanna	13,577	14,081	14,257	13,728	12,345	20,186	19,376	14,485	6,989
Lancaster	31,738	33,414	33,263	30,793	26,637	41,553	33,605	22,988	8,242
Lawrence	5,738	6,182	6,555	6,299	5,696	9,583	8,982	6,369	2,793
Lebanon	8,090	8,703	8,888	8,200	7,355	11,924	9,732	6,852	2,928
Lehigh	20,664	22,574	23,171	21,775	19,024	29,953	25,447	17,530	7,422
Luzerne	20,708	22,032	22,637	21,631	19,443	32,579	29,492	22,574	10,373
Lycoming	8,427	8,602	8,549	8,030	7,221	11,242	9,342	6,363	2,743
McKean	3,360	3,383	3,579	3,265	2,920	4,604	3,585	2,551	1,245
Mercer	7,656	8,343	8,632	8,174	7,103	12,108	10,786	7,787	3,248
Mifflin	3,166	3,215	3,264	3,124	2,907	4,864	3,888	2,712	1,156
Monroe	9,584	10,433	10,390	9,120	7,698	11,271	9,001	5,169	1,748
Montgomery	50,959	57,272	59,748	55,269	47,578	71,990	60,292	41,799	16,520
Montour	1,362	1,421	1,255	1,240	1,043	1,735	1,263	1,023	510
Northampton	18,032	19,339	19,549	18,356	15,962	24,864	20,208	13,454	5,609
Northumberland	6,275	6,724	6,875	6,515	5,865	10,100	8,490	6,135	2,952
Perry	3,381	3,499	3,648	3,410	3,019	4,434	2,855	1,688	639
Philadelphia	98,463	100,071	99,669	92,920	80,248	129,722	96,621	72,263	37,700
Pike	3,483	3,349	3,146	2,754	2,362	4,030	3,395	1,976	844
Potter	1,079	1,118	1,146	1,111	1,035	1,863	1,471	985	392
Schuylkill	10,502	10,970	10,928	10,415	9,115	15,293	14,103	10,286	4,594
Snyder	2,698	2,753	2,756	2,454	2,196	3,558	2,663	1,800	729
Somerset	5,393	5,670	5,827	5,493	4,859	8,125	7,107	5,017	2,042
Sullivan	346	380	388	377	342	590	621	452	255
Susquehanna	2,858	3,232	3,230	3,038	2,612	4,295	3,380	2,145	1,050
Tioga	2,509	2,691	2,629	2,677	2,505	4,432	3,384	2,194	967
Union	3,078	3,136	2,987	2,763	2,427	3,405	2,664	1,830	839
Venango	3,772	3,983	4,253	4,125	3,655	6,061	4,946	3,143	1,371
Warren	2,911	3,071	3,121	3,131	2,957	5,011	3,751	2,382	1,097
Washington	13,319	14,086	14,834	14,434	13,161	21,631	18,060	12,733	5,705
Wayne	3,134	3,417	3,486	3,311	2,741	4,681	4,432	2,947	1,072
Westmoreland	24,412	26,020	27,136	26,470	24,057	40,091	33,686	23,652	10,003
Wyoming	2,105	2,182	2,185	2,026	1,819	2,758	2,043	1,327	563
York	28,995	30,900	30,140	28,247	24,143	37,031	26,627	16,663	7,090

Source: 1999 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, 1999

	Age of Male (In Years)								
County	All Ages	Under 1	1 - 4	5 - 9	10 - 14	15 - 17	18 - 19	20 - 24	25 - 29
All Counties	5,780,837	74,511	306,975	403,261	406,327	243,705	181,828	401,947	387,359
Adams	42,698	539	2,251	3,088	3,032	1,889	1,794	3,136	2,608
Allegheny	589,754	7,258	30,416	39,616	39,330	23,923	16,658	35,846	36,798
Armstrong	35,109	414	1,684	2,215	2,363	1,471	1,036	2,332	2,347
Beaver	87,331	974	4,446	5,945	6,055	3,546	2,472	5,322	5,558
Bedford	24,662	328	1,314	1,754	1,868	1,005	665	1,417	1,503
Berks	174,038	2,405	9,621	12,328	12,126	7,563	5,342	11,475	11,501
Blair	61,204	794	3,228	4,301	4,414	2,716	1,940	3,787	4,028
Bradford	30,399	391	1,694	2,378	2,429	1,328	764	1,652	1,926
Bucks	292,692	3,993	16,427	22,040	21,655	11,556	7,184	15,525	19,108
Butler	84,020	1,169	4,800	6,190	5,953	3,362	2,809	6,258	5,625
Cambria	74,589	739	3,448	4,645	4,860	3,146	2,226	5,160	4,744
Cameron	2,673	19	137	191	194	121	67	128	144
Carbon	28,638	312	1,344	1,910	1,974	1,119	750	1,330	1,847
Centre	68,347	602	2,574	3,277	3,388	2,411	5,466	14,079	4,610
Chester	210,078	3,048	12,068	15,759	15,213	8,701	6,174	12,606	14,002
Clarion	20,015	215	913	1,207	1,238	929	1,211	2,530	1,187
Clearfield	40,091	442	1,925	2,537	2,666	1,804	1,139	2,966	3,003
Clinton	17,599	213	891	1,097	1,175	803	874	1,892	920
Columbia	29,783	304	1,291	1,682	1,826	1,284	1,570	3,180	1,866
Crawford	43,367	611	2,381	3,126	3,384	2,054	1,700	3,137	2,758
Cumberland	102,134	1,196	4,769	6,350	6,437	4,056	4,000	8,619	7,360
Dauphin	117,089	1,536	6,446	8,280	8,537	4,329	2,892	6,761	7,928
Delaware	260,777	3,514	13,992	18,108	18,229	12,976	9,847	18,787	17,616
Elk	16,886	174	888	1,185	1,263	713	419	1,007	1,130
Erie	134,966	1,759	7,580	9,880	9,888	6,154	5,478	11,405	9,589
Fayette	69,163	828	3,630	4,835	4,874	3,019	1,925	4,746	4,636
Forest	2,597	19	84	121	139	205	211	150	168
Franklin	62,752	917	3,380	4,578	4,411	2,483	1,749	3,786	4,200
Fulton	7,307	93	380	533	559	298	202	442	494
Greene	21,640	194	984	1,383	1,562	1,056	770	1,892	1,774
Huntingdon	23,688	279	1,043	1,389	1,435	942	772	2,164	1,918
Indiana	42,083	473	1,846	2,502	2,800	1,920	2,526	5,566	2,209
Jefferson	22,401	235	1,072	1,463	1,591	995	717	1,581	1,542
Juniata	10,945	129	605	758	765	454	326	798	772
Lackawanna	96,955	1,099	4,600	6,139	6,415	4,261	2,922	6,984	6,804
Lancaster	223,738	3,382	13,686	17,423	17,072	9,615	7,616	16,109	15,256
Lawrence	45,079	530	2,394	3,164	3,252	1,950	1,443	3,061	2,717
Lebanon	57,550	767	3,149	4,166	4,233	2,508	1,715	3,313	3,641
Lehigh	143,512	1,998	7,710	9,967	9,955	5,357	3,576	8,465	9,180
Luzerne	149,059	1,670	6,833	9,314	9,705	6,170	4,464	8,974	10,059
Lycoming	56,560	658	2,842	3,878	4,149	2,455	1,764	4,228	3,822
McKean	23,832	234	1,127	1,503	1,517	977	696	1,473	1,756
Mercer	60,123	720	3,004	4,014	4,059	2,791	2,101	4,888	3,822
Mifflin	22,576	286	1,297	1,679	1,636	981	619	1,458	1,598
Monroe	64,175	841	3,601	4,984	5,059	2,724	2,311	4,315	4,056
Montgomery	349,362	4,996	19,627	25,029	25,081	12,626	7,666	17,153	21,711
Montour	8,262	103	469	643	617	345	231	391	544
Northampton	126,972	1,490	6,401	8,677	8,741	5,139	5,126	10,392	8,064
Northumberland	45,154	516	2,183	2,981	3,172	1,821	1,084	2,547	2,947
Perry	21,808	285	1,148	1,584	1,609	901	655	1,224	1,566
Philadelphia	656,712	9,901	38,562	48,948	48,937	30,573	21,729	55,256	50,106
Pike	20,755	205	1,025	1,597	1,530	833	550	1,045	1,413
Potter	8,280	107	450	587	635	351	283	590	557
Schuylkill	74,566	745	3,363	4,615	4,687	2,839	1,845	4,746	5,318
Snyder	18,502	220	942	1,268	1,253	805	770	1,659	1,309
Somerset	39,558	422	1,819	2,454	2,609	1,743	990	2,921	2,951
Sullivan	3,042	24	120	170	188	201	148	239	164
Susquehanna	20,823	232	1,055	1,511	1,699	930	562	1,118	1,274
Tioga	20,407	219	949	1,361	1,465	1,048	928	1,754	1,178
Union	22,199	204	882	1,192	1,234	835	1,287	2,496	1,588
Venango	28,006	374	1,466	2,057	2,029	1,408	733	1,723	1,793
Warren	21,364	239	1,068	1,449	1,560	945	539	1,246	1,302
Washington	98,581	1,069	4,805	6,263	6,425	4,112	3,035	7,109	6,560
Wayne	23,653	285	1,237	1,704	1,684	869	581	1,222	1,627
Westmoreland	178,646	1,980	8,818	11,835	11,802	7,042	4,752	11,460	11,554
Wyoming	14,427	163	753	1,013	1,086	711	541	910	1,056
York	185,084	2,431	10,038	13,441	13,599	7,508	4,891	10,016	12,647

Source: 1999 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, 1999

	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	417,849	440,493	442,422	411,548	356,977	553,246	409,752	250,542	92,095
Adams	2,892	3,277	3,315	3,111	2,551	4,080	2,909	1,672	554
Allegheny	41,414	45,609	46,565	43,208	36,956	58,363	46,243	30,169	11,382
Armstrong	2,411	2,544	2,640	2,501	2,183	3,574	2,812	1,949	633
Beaver	6,160	6,226	6,377	6,090	5,371	9,100	7,531	4,596	1,562
Bedford	1,741	1,883	1,865	1,656	1,521	2,649	2,032	1,081	380
Berks	12,926	13,292	13,254	12,297	10,661	16,475	12,599	7,375	2,798
Blair	4,118	4,330	4,475	4,301	3,819	6,278	4,805	2,903	967
Bradford	2,206	2,189	2,279	2,112	2,024	3,095	2,206	1,248	478
Bucks	23,363	25,802	25,040	22,599	19,573	28,201	17,827	9,676	3,123
Butler	6,796	6,601	6,246	5,911	5,020	7,793	5,445	2,977	1,065
Cambria	5,205	5,482	5,578	5,386	4,688	7,510	6,313	3,926	1,533
Cameron	163	179	195	194	186	309	241	148	57
Carbon	2,173	2,227	2,244	2,076	1,897	2,948	2,552	1,450	485
Centre	4,496	5,028	4,528	4,040	3,260	4,956	3,231	1,784	617
Chester	15,682	17,351	17,430	16,068	14,125	20,771	12,090	6,780	2,210
Clarion	1,161	1,246	1,359	1,279	1,122	1,920	1,378	819	301
Clearfield	3,077	3,087	3,002	2,789	2,424	3,875	2,915	1,743	697
Clinton	1,002	1,106	1,182	1,159	1,058	1,737	1,379	819	292
Columbia	1,900	2,083	2,156	1,928	1,725	2,900	2,260	1,333	495
Crawford	2,793	2,880	3,134	2,874	2,626	4,288	3,073	1,871	677
Cumberland	7,403	7,680	7,739	7,257	6,487	10,124	7,226	4,158	1,273
Dauphin	8,730	9,642	9,816	9,424	7,683	11,251	7,515	4,485	1,834
Delaware	18,650	20,024	19,495	17,862	15,262	22,285	18,103	11,830	4,197
Elk	1,182	1,242	1,234	1,167	1,042	1,707	1,400	862	271
Erie	9,460	9,756	9,635	8,934	7,745	11,816	8,549	5,381	1,957
Fayette	4,826	4,816	4,992	4,779	4,199	6,766	5,398	3,407	1,487
Forest	176	149	127	129	140	263	274	200	42
Franklin	4,705	4,643	4,806	4,554	4,005	6,225	4,798	2,593	919
Fulton	525	538	518	547	490	769	524	285	110
Greene	1,632	1,618	1,634	1,534	1,284	1,791	1,315	875	342
Huntingdon	1,905	2,004	1,962	1,571	1,486	2,189	1,511	814	304
Indiana	2,545	2,495	2,790	2,714	2,552	3,968	2,811	1,754	612
Jefferson	1,548	1,612	1,659	1,571	1,421	2,187	1,753	1,071	383
Juniata	777	791	799	825	748	1,110	741	386	161
Lackawanna	6,715	6,924	6,926	6,780	5,982	9,401	7,982	4,954	2,067
Lancaster	15,878	16,575	16,446	15,200	13,068	20,091	14,765	8,853	2,703
Lawrence	2,799	3,012	3,229	3,081	2,739	4,476	3,922	2,400	910
Lebanon	4,005	4,326	4,425	4,012	3,627	5,799	4,267	2,668	929
Lehigh	10,252	11,118	11,474	10,773	9,307	14,431	10,876	6,705	2,368
Luzerne	10,606	11,134	11,371	10,791	9,582	15,339	12,098	7,854	3,095
Lycoming	4,123	4,136	4,117	3,998	3,587	5,474	4,070	2,417	842
McKean	1,944	1,925	1,995	1,741	1,581	2,367	1,564	987	445
Mercer	3,929	4,272	4,393	4,036	3,503	5,773	4,670	3,047	1,101
Mifflin	1,615	1,596	1,585	1,503	1,395	2,321	1,645	1,003	359
Monroe	4,728	5,182	5,286	4,595	3,930	5,595	4,011	2,281	676
Montgomery	25,519	28,546	29,609	27,210	23,005	34,484	26,065	15,850	5,185
Montour	659	663	645	591	530	805	511	355	160
Northampton	8,927	9,630	9,668	9,030	7,878	11,978	8,816	5,191	1,824
Northumberland	3,248	3,420	3,426	3,299	2,976	4,868	3,604	2,223	839
Perry	1,689	1,734	1,845	1,719	1,501	2,174	1,273	697	204
Philadelphia	48,368	47,492	46,193	42,306	35,996	56,142	39,261	25,586	11,356
Pike	1,766	1,664	1,597	1,416	1,199	1,989	1,676	915	335
Potter	531	550	564	545	493	874	672	372	119
Schuylkill	5,971	5,991	5,750	5,416	4,642	7,378	6,063	3,836	1,361
Snyder	1,355	1,339	1,356	1,227	1,087	1,724	1,203	724	261
Somerset	2,851	2,931	3,012	2,811	2,428	3,855	3,055	2,010	696
Sullivan	173	189	193	183	167	283	320	207	73
Susquehanna	1,424	1,573	1,604	1,557	1,374	2,165	1,533	888	324
Tioga	1,273	1,349	1,331	1,360	1,231	2,157	1,585	907	312
Union	1,944	1,929	1,765	1,562	1,325	1,824	1,191	686	255
Venango	1,867	1,947	2,086	2,046	1,761	2,880	2,160	1,227	449
Warren	1,503	1,545	1,549	1,550	1,440	2,413	1,692	967	357
Washington	6,603	6,924	7,301	7,050	6,389	10,204	7,915	4,955	1,862
Wayne	1,758	1,823	1,841	1,730	1,415	2,278	1,996	1,218	385
Westmoreland	12,315	12,942	13,386	12,886	11,632	18,909	14,811	9,109	3,413
Wyoming	1,053	1,088	1,098	975	924	1,417	940	515	184
York	14,715	15,592	15,286	14,122	11,949	18,105	11,781	6,515	2,448

Source: 1999 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, 1999

	Age of Female (In Years)								
County	All Ages	Under 1	1 - 4	5 - 9	10 - 14	15 - 17	18 - 19	20 - 24	25 - 29
All Counties	6,213,179	70,452	291,818	382,331	387,245	236,008	183,038	395,852	374,021
Adams	44,999	494	2,075	2,760	3,104	1,962	1,672	2,960	2,674
Allegheny	667,052	6,922	29,223	38,098	38,297	23,851	16,433	38,365	37,308
Armstrong	37,892	385	1,673	2,256	2,315	1,427	1,024	2,236	2,319
Beaver	95,356	952	4,380	5,817	5,800	3,430	2,426	5,202	5,464
Bedford	25,037	294	1,154	1,553	1,576	894	551	1,286	1,442
Berks	184,173	2,303	9,094	11,799	11,781	7,463	5,532	11,556	11,369
Blair	68,733	728	3,010	3,968	4,180	2,762	2,139	3,986	4,213
Bradford	31,747	344	1,547	2,150	2,206	1,217	687	1,641	1,848
Bucks	301,355	3,688	15,482	20,664	21,046	10,692	6,767	14,780	18,711
Butler	88,502	1,114	4,544	5,889	5,443	3,398	3,291	6,088	5,418
Cambria	79,177	739	3,239	4,339	4,561	3,120	2,403	4,650	4,235
Cameron	2,898	38	134	179	185	93	52	136	144
Carbon	30,121	324	1,289	1,794	1,915	956	546	1,276	1,791
Centre	63,843	589	2,423	3,176	3,268	2,354	5,752	11,394	3,543
Chester	219,923	2,794	11,393	14,680	14,639	8,351	6,802	14,122	14,039
Clarion	21,636	177	821	1,042	1,247	904	1,563	2,690	1,034
Clearfield	40,641	407	1,801	2,395	2,517	1,600	1,014	2,602	2,634
Clinton	19,175	218	839	1,071	1,091	773	1,031	1,885	1,005
Columbia	33,891	284	1,355	1,823	1,877	1,322	2,349	4,003	1,810
Crawford	45,742	529	2,175	2,850	2,881	1,980	1,661	3,054	2,776
Cumberland	108,529	1,070	4,640	6,035	6,023	3,809	4,622	8,299	6,760
Dauphin	128,487	1,516	6,332	8,123	8,388	4,150	2,806	7,449	8,268
Delaware	280,725	3,299	13,468	17,345	17,590	11,681	8,527	17,744	16,689
Elk	17,458	202	843	1,160	1,210	731	362	895	954
Erie	142,027	1,674	7,027	9,289	9,373	6,034	6,109	10,452	9,052
Fayette	74,612	733	3,321	4,287	4,496	2,824	1,745	4,453	4,630
Forest	2,341	19	87	121	122	75	77	130	146
Franklin	66,060	865	3,184	4,191	4,331	2,581	1,723	3,536	4,010
Fulton	7,309	86	333	455	501	311	172	427	475
Greene	20,432	164	859	1,205	1,298	877	611	1,470	1,294
Huntingdon	21,065	236	957	1,246	1,337	867	777	1,583	1,266
Indiana	45,748	433	1,851	2,529	2,597	1,912	3,214	5,856	2,187
Jefferson	23,685	244	1,065	1,411	1,500	945	671	1,479	1,484
Juniata	11,259	164	582	718	712	425	313	745	733
Lackawanna	109,565	997	4,413	5,847	6,162	4,228	3,037	6,872	6,716
Lancaster	236,297	3,231	13,076	16,549	16,190	9,579	8,011	16,092	14,915
Lawrence	49,429	501	2,223	2,945	3,019	1,901	1,414	3,082	2,715
Lebanon	60,306	730	2,906	3,762	3,776	2,218	1,523	3,202	3,575
Lehigh	156,343	1,857	7,320	9,465	9,353	5,569	3,945	9,219	9,359
Luzerne	162,941	1,540	6,527	8,836	9,377	6,017	4,363	8,188	8,494
Lycoming	60,149	681	2,688	3,641	3,752	2,357	1,637	3,993	3,645
McKean	22,155	250	1,048	1,392	1,419	894	623	1,264	1,322
Mercer	61,335	635	2,795	3,654	3,535	2,311	2,062	4,056	3,174
Mifflin	24,217	306	1,181	1,545	1,551	896	561	1,396	1,507
Monroe	64,366	710	3,305	4,549	4,488	2,508	2,318	4,311	4,047
Montgomery	374,725	4,623	18,702	23,702	23,111	12,350	7,827	18,333	20,123
Montour	9,309	94	458	608	623	349	252	424	568
Northampton	132,764	1,446	5,968	8,158	8,422	4,919	4,395	8,915	8,110
Northumberland	48,009	502	2,046	2,859	2,895	1,639	977	2,325	2,738
Perry	22,472	277	1,150	1,488	1,571	900	639	1,228	1,482
Philadelphia	760,889	9,584	37,616	48,009	48,295	31,070	22,615	57,649	51,074
Pike	20,602	191	926	1,492	1,515	798	461	1,038	1,399
Potter	8,835	111	403	548	590	369	223	554	557
Schuylkill	74,222	699	3,082	4,200	4,441	2,566	1,628	3,702	4,106
Snyder	19,373	211	888	1,223	1,279	806	835	1,582	1,218
Somerset	40,470	444	1,777	2,407	2,526	1,576	960	2,461	2,435
Sullivan	2,996	31	115	159	170	142	102	159	155
Susquehanna	21,367	196	998	1,402	1,527	970	524	1,051	1,301
Tioga	21,250	197	904	1,289	1,399	999	1,068	1,694	1,217
Union	18,347	189	787	1,073	1,118	756	1,141	1,892	743
Venango	29,556	329	1,322	1,812	1,945	1,208	661	1,670	1,723
Warren	22,141	238	966	1,331	1,427	815	510	1,161	1,277
Washington	106,307	1,037	4,577	5,916	6,042	3,973	2,845	6,728	6,429
Wayne	22,427	271	1,104	1,536	1,506	662	414	907	1,250
Westmoreland	192,012	1,889	8,168	10,957	11,138	6,740	4,675	11,047	11,274
Wyoming	14,871	171	709	973	1,050	719	495	894	1,046
York	191,502	2,256	9,470	12,586	12,626	7,433	4,873	10,333	12,602

Source: 1999 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, 1999

	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	415,275	447,609	455,577	430,881	379,454	617,049	540,351	410,368	195,850
Adams	3,066	3,316	3,452	3,100	2,685	4,433	3,582	2,528	1,136
Allegheny	43,127	48,333	49,789	47,614	42,058	68,961	63,571	50,449	24,653
Armstrong	2,440	2,597	2,712	2,539	2,297	3,902	3,636	2,835	1,299
Beaver	6,125	6,500	6,778	6,524	5,859	10,259	9,667	6,945	3,228
Bedford	1,730	1,738	1,759	1,721	1,581	3,042	2,321	1,610	785
Berks	12,400	13,284	13,301	12,325	10,946	17,974	15,856	11,666	5,524
Blair	4,443	4,846	4,814	4,574	4,290	7,250	6,490	4,769	2,271
Bradford	2,258	2,225	2,426	2,270	2,008	3,285	2,786	1,961	888
Bucks	23,442	25,014	24,828	23,282	19,931	29,075	22,192	15,243	6,518
Butler	6,580	6,862	6,542	5,988	5,162	8,183	6,601	4,895	2,504
Cambria	4,724	5,133	5,402	5,268	4,809	8,423	8,076	6,684	3,372
Cameron	165	189	194	197	177	342	315	225	133
Carbon	2,084	2,295	2,200	2,058	1,841	3,280	3,193	2,238	1,041
Centre	3,584	3,973	3,897	3,695	3,268	4,981	4,157	2,725	1,064
Chester	16,054	17,685	17,957	16,733	14,165	20,875	15,151	10,175	4,308
Clarion	1,338	1,328	1,418	1,339	1,138	2,079	1,660	1,167	691
Clearfield	2,718	2,796	2,842	2,669	2,419	4,188	3,766	2,840	1,433
Clinton	1,022	1,162	1,189	1,204	1,108	1,919	1,810	1,219	629
Columbia	1,997	2,034	2,190	1,995	1,744	3,014	2,981	2,138	975
Crawford	2,963	3,180	3,277	3,061	2,706	4,575	3,882	2,873	1,319
Cumberland	7,199	7,618	7,839	7,544	6,788	10,948	9,601	6,951	2,783
Dauphin	9,366	10,029	10,132	9,578	8,082	12,723	10,241	7,520	3,784
Delaware	18,543	20,491	20,844	19,454	16,629	25,662	24,184	19,586	8,989
Elk	1,257	1,227	1,193	1,120	1,026	1,780	1,786	1,166	546
Erie	9,376	9,897	9,940	9,312	8,066	12,835	11,000	8,756	3,835
Fayette	4,891	5,114	5,219	5,033	4,509	7,716	7,393	5,582	2,666
Forest	136	140	111	155	145	291	266	245	75
Franklin	4,449	4,850	4,942	4,540	4,043	6,742	5,989	4,226	1,858
Fulton	483	528	559	527	465	781	602	393	211
Greene	1,355	1,567	1,508	1,412	1,191	1,888	1,649	1,351	733
Huntingdon	1,323	1,415	1,307	1,322	1,238	2,243	1,990	1,310	648
Indiana	2,676	2,689	2,814	2,870	2,596	4,185	3,384	2,677	1,278
Jefferson	1,525	1,603	1,637	1,540	1,395	2,429	2,344	1,622	791
Juniata	768	766	796	744	682	1,192	924	646	349
Lackawanna	6,862	7,157	7,331	6,948	6,363	10,785	11,394	9,531	4,922
Lancaster	15,860	16,839	16,817	15,593	13,569	21,462	18,840	14,135	5,539
Lawrence	2,939	3,170	3,326	3,218	2,957	5,107	5,060	3,969	1,883
Lebanon	4,085	4,377	4,463	4,188	3,728	6,125	5,465	4,184	1,999
Lehigh	10,412	11,456	11,697	11,002	9,717	15,522	14,571	10,825	5,054
Luzerne	10,102	10,898	11,266	10,840	9,861	17,240	17,394	14,720	7,278
Lycoming	4,304	4,466	4,432	4,032	3,634	5,768	5,272	3,946	1,901
McKean	1,416	1,458	1,584	1,524	1,339	2,237	2,021	1,564	800
Mercer	3,727	4,071	4,239	4,138	3,600	6,335	6,116	4,740	2,147
Mifflin	1,551	1,619	1,679	1,621	1,512	2,543	2,243	1,709	797
Monroe	4,856	5,251	5,104	4,525	3,768	5,676	4,990	2,888	1,072
Montgomery	25,440	28,726	30,139	28,059	24,573	37,506	34,227	25,949	11,335
Montour	703	758	610	649	513	930	752	668	350
Northampton	9,105	9,709	9,881	9,326	8,084	12,886	11,392	8,263	3,785
Northumberland	3,027	3,304	3,449	3,216	2,889	5,232	4,886	3,912	2,113
Perry	1,692	1,765	1,803	1,691	1,518	2,260	1,582	991	435
Philadelphia	50,095	52,579	53,476	50,614	44,252	73,580	57,360	46,677	26,344
Pike	1,717	1,685	1,549	1,338	1,163	2,041	1,719	1,061	509
Potter	548	568	582	566	542	989	799	613	273
Schuylkill	4,531	4,979	5,178	4,999	4,473	7,915	8,040	6,450	3,233
Snyder	1,343	1,414	1,400	1,227	1,109	1,834	1,460	1,076	468
Somerset	2,542	2,739	2,815	2,682	2,431	4,270	4,052	3,007	1,346
Sullivan	173	191	195	194	175	307	301	245	182
Susquehanna	1,434	1,659	1,626	1,481	1,238	2,130	1,847	1,257	726
Tioga	1,236	1,342	1,298	1,317	1,274	2,275	1,799	1,287	655
Union	1,134	1,207	1,222	1,201	1,102	1,581	1,473	1,144	584
Venango	1,905	2,036	2,167	2,079	1,894	3,181	2,786	1,916	922
Warren	1,408	1,526	1,572	1,581	1,517	2,598	2,059	1,415	740
Washington	6,716	7,162	7,533	7,384	6,772	11,427	10,145	7,778	3,843
Wayne	1,376	1,594	1,645	1,581	1,326	2,403	2,436	1,729	687
Westmoreland	12,097	13,078	13,750	13,584	12,425	21,182	18,875	14,543	6,590
Wyoming	1,052	1,094	1,087	1,051	895	1,341	1,103	812	379
York	14,280	15,308	14,854	14,125	12,194	18,926	14,846	10,148	4,642

Source: 1999 population are estimates prepared by the State Data Center of the Pennsylvania State University at Harrisburg.

Table A-6

Population for Selected Municipalities: Pennsylvania, 1999 and 1990

Municipality	1999 Estimated Population	1990 Enumerated Population	Percent Change 1990-1999
Allentown	100,200	105,090	-4.7
Altoona	49,400	51,881	-4.8
Bethel Park	32,600	33,823	-3.6
Bethlehem	69,500	71,428	-2.7
Chester	40,100	41,856	-4.2
Easton	25,300	26,276	-3.7
Erie	101,500	108,718	-6.6
Harrisburg	48,600	52,376	-7.2
Johnstown	25,000	28,134	-11.1
Lancaster	52,700	55,551	-5.1
McKeesport	22,700	26,016	-12.7
Monroeville	27,700	29,169	-5.0
New Castle	25,800	28,334	-8.9
Norristown	29,300	30,749	-4.7
Philadelphia	1,417,601	1,585,577	-10.6
Pittsburgh	336,900	369,879	-8.9
Plum	26,500	25,609	3.5
Reading	73,800	78,380	-5.8
Scranton	73,800	81,805	-9.8
State College	39,000	38,923	0.2
Wilkes Barre	42,400	47,523	-10.8
Williamsport	29,900	31,933	-6.4
York	39,700	42,192	-5.9

Source: 1990 population enumerated by the U.S. Bureau of the Census.
1999 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.

LIST OF DATA TABLES AND ILLUSTRATIONS

NATALITY DATA TABLES **PAGE**

Table B-1 Resident Live Births: Pennsylvania, 1915-1999 32

Table B-2 Live Birth Rate, General Fertility Rate and Total Fertility Rate: Pennsylvania and United States, 1950-1999 33

Table B-3 Resident Live Births by Age of Mother, Number and Rate: Pennsylvania, 1999, 1990, 1980, 1970 35

Table B-4A Resident Live Births by Age, Race and Hispanic Origin of Mother, Pennsylvania, 1999 36

Table B-4B Resident Live Birth Rate by Age, Race and Hispanic Origin of Mother, Pennsylvania, 1999 36

Table B-5 Resident Live Births by Age of Mother and Birth Weight, Number and Percent: Pennsylvania, 1999 38

Table B-6 Resident Live Births by Birth Weight, Sex of Child, and Race and Hispanic Origin of Mother, Number and Percent: Pennsylvania, 1999 39

Table B-7A Resident Live Births by Age of Mother and Trimester of First Prenatal Visit, Number and Percent: Pennsylvania, 1999 40

Table B-7B Resident Live Births by Race and Hispanic Origin of Mother and Trimester of First Prenatal Visit, Number and Percent: Pennsylvania, 1999 40

Table B-8 Resident Live Births by Age of Mother and Number of Previous Pregnancies, Number and Percent: Pennsylvania, 1999 42

Table B-9 Resident Live Births by Age of Mother and Number of Previous Live Births, Number and Percent: Pennsylvania, 1999 42

Table B-10 Resident Live Births by Age and Marital Status of Mother, Number and Percent: Pennsylvania, 1999 43

Table B-11 Resident Live Births by Age and Education of Mother, Number and Percent: Pennsylvania, 1999 43

Table B-12 Resident Live Births by Age of Mother and Type of Medical Condition, Number and Percent: Pennsylvania, 1999 44

Table B-13 Resident Live Births, Reported Congenital Anomalies by Type, Pennsylvania, 1999 44

Table B-14A Resident Live Births by Age of Mother and Method of Delivery, Number: Pennsylvania, 1999 45

Table B-14B Resident Live Births by Age of Mother and Method of Delivery, Percent: Pennsylvania, 1999 45

LIST OF DATA TABLES AND ILLUSTRATIONS

NATALITY DATA TABLES (CONTINUED) **PAGE**

Table B-15A Resident Live Births by Apgar Score at One Minute by Race and Hispanic Origin of Mother, Pennsylvania, 1999 46

Table B-15B Resident Live Births by Apgar Score at Five Minutes by Race and Hispanic Origin of Mother, Pennsylvania, 1999 46

Table B-16 Names Most Frequently Given to Live Births Among Pennsylvania Residents by Sex of Child, 1999 and 1960, and Race and Hispanic Origin of Mother and Sex of Child, 1999 47

Table B-17 Resident Live Births by Race and Hispanic Origin of Mother by County, Total Births, Birth and General Fertility Rates: Pennsylvania, 1999 48

Table B-18 Resident Live Births by Race and Hispanic Origin of Mother by County, Number and Average Annual Rate: Pennsylvania, 1995-1999 50

Table B-19 Resident Live Births by Age of Mother and County, Pennsylvania, 1999 54

Table B-20 Resident Live Births by Birth Weight and County, Number and Percent: Pennsylvania, 1999 56

Table B-21 Resident Live Births by Birth Weight and County, Number and Percent: Pennsylvania, Five-Year Summary, 1995-1999 58

Table B-22 Resident Live Births by Education of Mother and County, Number and Percent: Pennsylvania, 1999 60

Table B-23 Resident Live Births by Marital Status of Mother and County, Number and Percent: Pennsylvania, 1999 62

Table B-24 Resident Live Births by Trimester of First Prenatal Visit and County, Number and Percent: Pennsylvania, 1999 64

Table B-25 Resident Live Births by Place of Delivery, Attendant at Birth, and County, Pennsylvania, 1999 66

Table B-26 Resident Live Births by Race and Hispanic Origin of Mother for Selected Municipalities, Number and Rate: Pennsylvania, 1999 68

Table B-27 Resident Live Births by Race and Hispanic Origin of Mother for Selected Municipalities, Number and Average Annual Rate: Pennsylvania, 1995-1999 70

Table B-28 Resident Live Births by Age of Mother for Selected Municipalities, Pennsylvania, 1999 72

Table B-29 Resident Live Births by Birth Weight for Selected Municipalities, Number and Percent: Pennsylvania, 1999 73

LIST OF DATA TABLES AND ILLUSTRATIONS

NATALITY DATA TABLES (CONTINUED) **PAGE**

Table B-30 Resident Live Births by Education of Mother for Selected Municipalities, Number and Percent: Pennsylvania, 1999 74

Table B-31 Resident Live Births by Marital Status of Mother for Selected Municipalities, Number and Percent: Pennsylvania, 1999 75

Table B-32 Resident Live Births by Trimester of First Prenatal Visit for Selected Municipalities, Number and Percent: Pennsylvania, 1999 76

NATALITY DATA ILLUSTRATIONS **PAGE**

Figure B-1 Live Birth Rates, Pennsylvania and United States, 1950-1999 34

Figure B-2 General Fertility Rates, Pennsylvania and United States, 1950-1999 34

Figure B-3 Resident Births, Percent by Age of Mother, Pennsylvania, 1970, 1980, 1990, and 1999 35

Figure B-4 Resident Birth Rates by Age, Race and Hispanic Origin of Mother, Pennsylvania, 1999 37

Figure B-5 Resident Live Births, Percent With Very Low and Low Birth Weight by Age of Mother, Pennsylvania, 1999 38

Figure B-6 Resident Live Births, Percent With Very Low and Low Birth Weight by Race and Hispanic Origin of Mother, Pennsylvania, 1999 39

Figure B-7 Resident Live Births by Race and Hispanic Origin of Mother and Trimester of First Prenatal Visit, Pennsylvania, 1999 41

Figure B-8 State Map: Resident Birth Rates by County, Pennsylvania, 1999 52

Figure B-9 State Map: Resident Average Annual Birth Rates by County, Pennsylvania, 1995-1999 52

Figure B-10 State Map: General Fertility Rates by County, Pennsylvania Residents, 1999 53

Figure B-11 Resident Birth Rates for Selected Municipalities, Pennsylvania, 1999 69

Figure B-12 Resident Average Annual Birth Rates for Selected Municipalities, Pennsylvania, 1995-1999 71

Table B-1

Resident Live Births: Pennsylvania, 1915-1999

Year	Number	Year	Number	Year	Number
1999	144,828				
1998	145,606	1970	192,154	1942	197,177
1997	143,967	1969	185,046	1941	174,193
1996	147,890	1968	185,729	1940	165,456
1995	150,848	1967	188,706	1939	160,774
1994	156,431	1966	195,869	1938	165,708
1993	159,666	1965	204,105	1937	161,133
1992	163,523	1964	218,515	1936	159,393
1991	167,726	1963	221,537	1935	161,166
1990	171,053	1962	226,393	1934	160,238
1989	168,108	1961	240,172	1933	157,046
1988	165,169	1960	241,099	1932	168,534
1987	162,348	1959	246,615	1931	178,714
1986	160,336	1958	249,810	1930	189,458
1985	160,001	1957	254,997	1929	189,524
1984	156,799	1956	248,019	1928	200,769
1983	157,810	1955	242,591	1927	210,001
1982	161,561	1954	245,521	1926	207,696
1981	160,179	1953	239,206	1925	215,120
1980	158,670	1952	239,964	1924	223,103
1979	157,533	1951	235,074	1923	217,235
1978	151,438	1950	221,635	1922	214,348
1977	153,415	1949	224,581	1921	229,452
1976	148,004	1948	227,227	1920	220,462
1975	148,942	1947	248,513	1919	207,685
1974	151,458	1946	218,376	1918	220,170
1973	153,272	1945	173,799	1917	222,505
1972	163,110	1944	178,370	1916	217,449
1971	180,939	1943	199,366	1915	217,979

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, 1950-1999

	Live Birth Rate*		General Fertility Rate*		Total Fertility Rate*	
Year	Pennsylvania	United States	Pennsylvania	United States	Pennsylvania	United States
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
1959	21.8	24.2	104.3	119.9	3258.5	3712.4
1958	22.5	24.5	106.8	120.0	3315.5	3700.5
1957	22.8	25.3	107.7	122.7	3316.5	3767.0
1956	22.3	25.2	103.6	121.0	3169.5	3689.0
1955	21.8	25.0	100.1	118.3	3020.0	3573.7
1954	22.5	25.3	101.9	117.9	3042.0	3542.6
1953	22.1	25.1	98.9	115.0	2912.0	3424.1
1952	22.4	25.1	98.4	113.8	2873.5	3358.4
1951	22.2	24.9	96.5	111.4	2799.5	3269.3
1950	21.1	24.1	90.6	106.2	2610.0	3090.5

* Live birth rates per 1,000 population.

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.

Figure B-1
Live Birth Rates
Pennsylvania and United States, 1950-1999

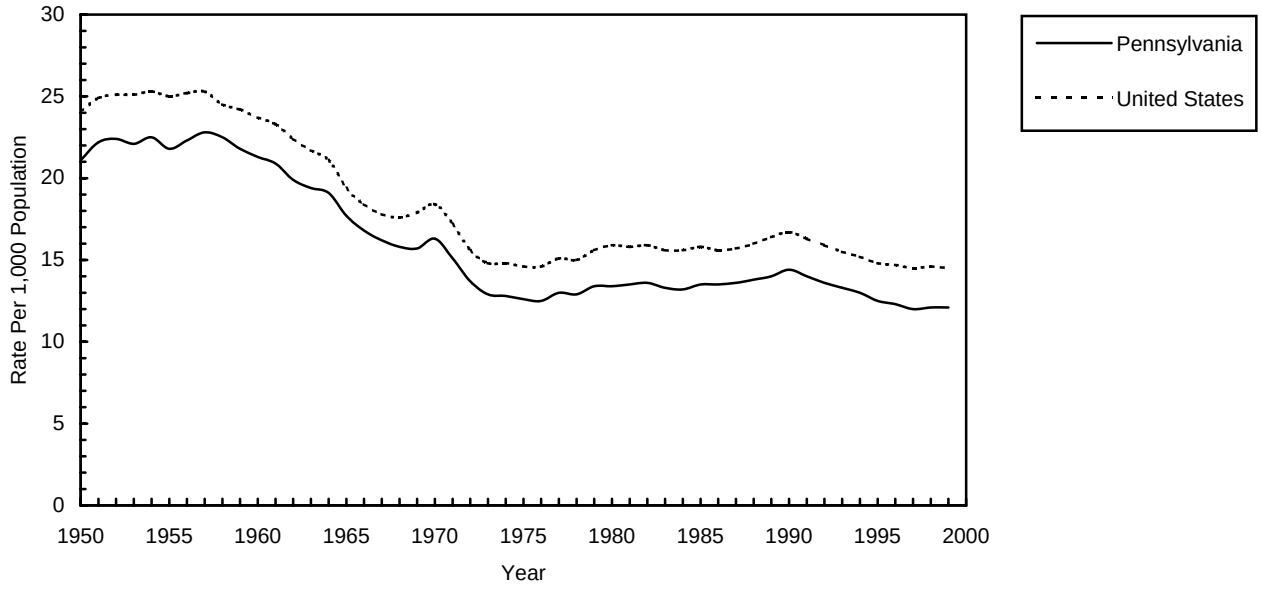


Figure B-2
General Fertility Rates
Pennsylvania and United States, 1950-1999

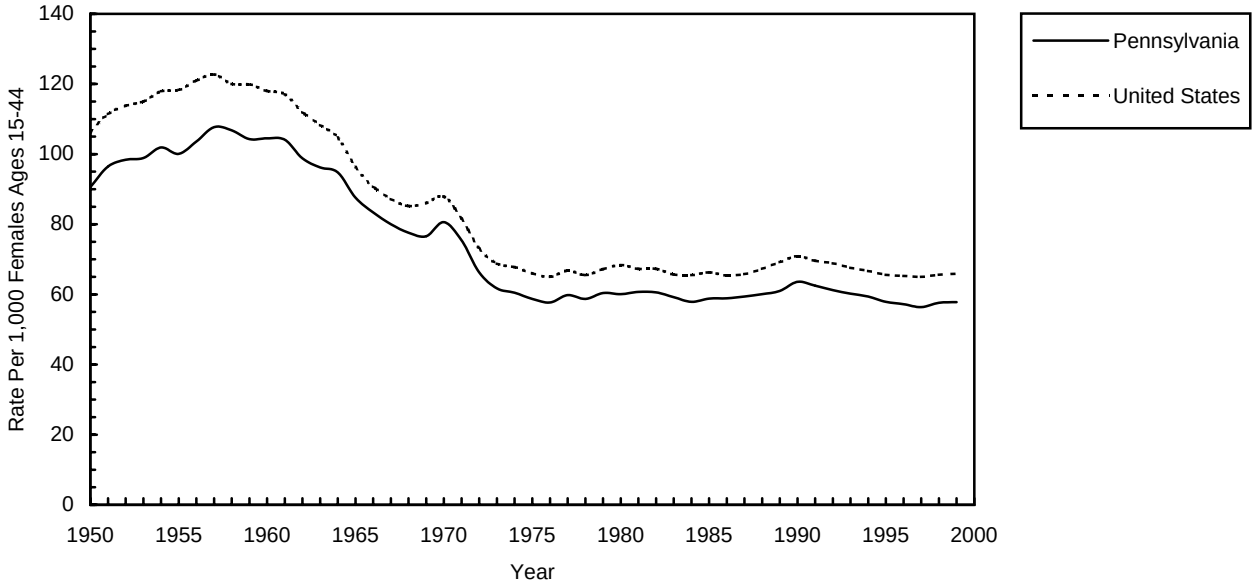


Table B-3

Resident Live Births by Age of Mother, Number and Rate*

Pennsylvania, 1999, 1990, 1980, 1970

Age of Mother**	1999 Number	1999 Rate	1990 Number	1990 Rate	1980 Number	1980 Rate	1970 Number	1970 Rate
All Ages	144,828	57.8	171,053	63.6	158,670	60.1	192,154	80.6
Under 15	275	0.7	437	1.2	324	0.7	443	0.8
15 - 19	14,558	34.7	18,139	45.1	21,683	40.5	28,592	53.2
20 - 24	30,806	77.8	40,880	94.5	52,371	97.5	71,365	156.1
25 - 29	40,339	107.9	55,132	118.5	52,077	109.3	54,250	149.6
30 - 34	37,485	90.3	40,659	80.8	25,306	58.6	23,913	75.7
35 - 39	17,896	40.0	13,856	29.7	5,958	17.0	10,526	32.3
40 - 44	3,335	7.3	1,888	4.5	898	2.9	2,878	7.5
45 & Over	134	0.3	62	0.2	53	0.2	187	0.5

* 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 1999, and in the 20-24 year age group for 1970 and 1980.

Figure B-3

Resident Births, Percent by Age of Mother

Pennsylvania, 1970, 1980, 1990 and 1999

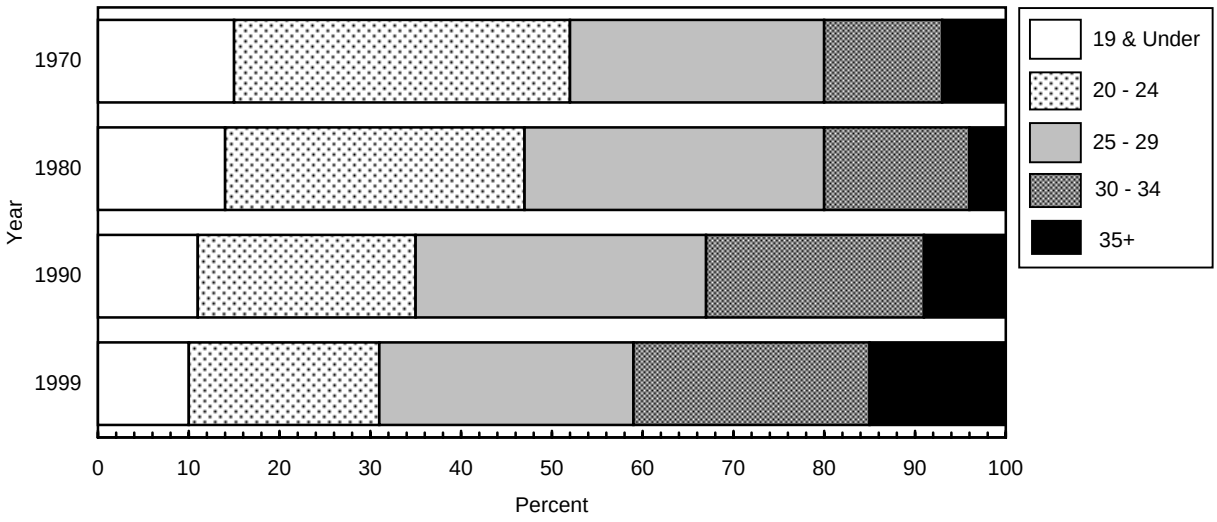


Table B-4A
Resident Live Births By Age, Race and Hispanic Origin of Mother
Pennsylvania, 1999

Age of Mother (In Years)	Race: All Races	White*	Black	Hispanic Origin
All Ages	144,828	120,726	20,081	7,139
Under 15	275	110	163	32
15 - 19	14,558	10,163	4,201	1,622
20 - 24	30,806	24,019	6,234	2,393
25 - 29	40,315	34,433	4,531	1,613
30 - 34	37,485	33,211	2,977	939
35 - 39	17,896	15,740	1,631	444
40 - 44	3,335	2,915	326	94
45 & Over	134	120	9	2
Unknown	24	15	9	0

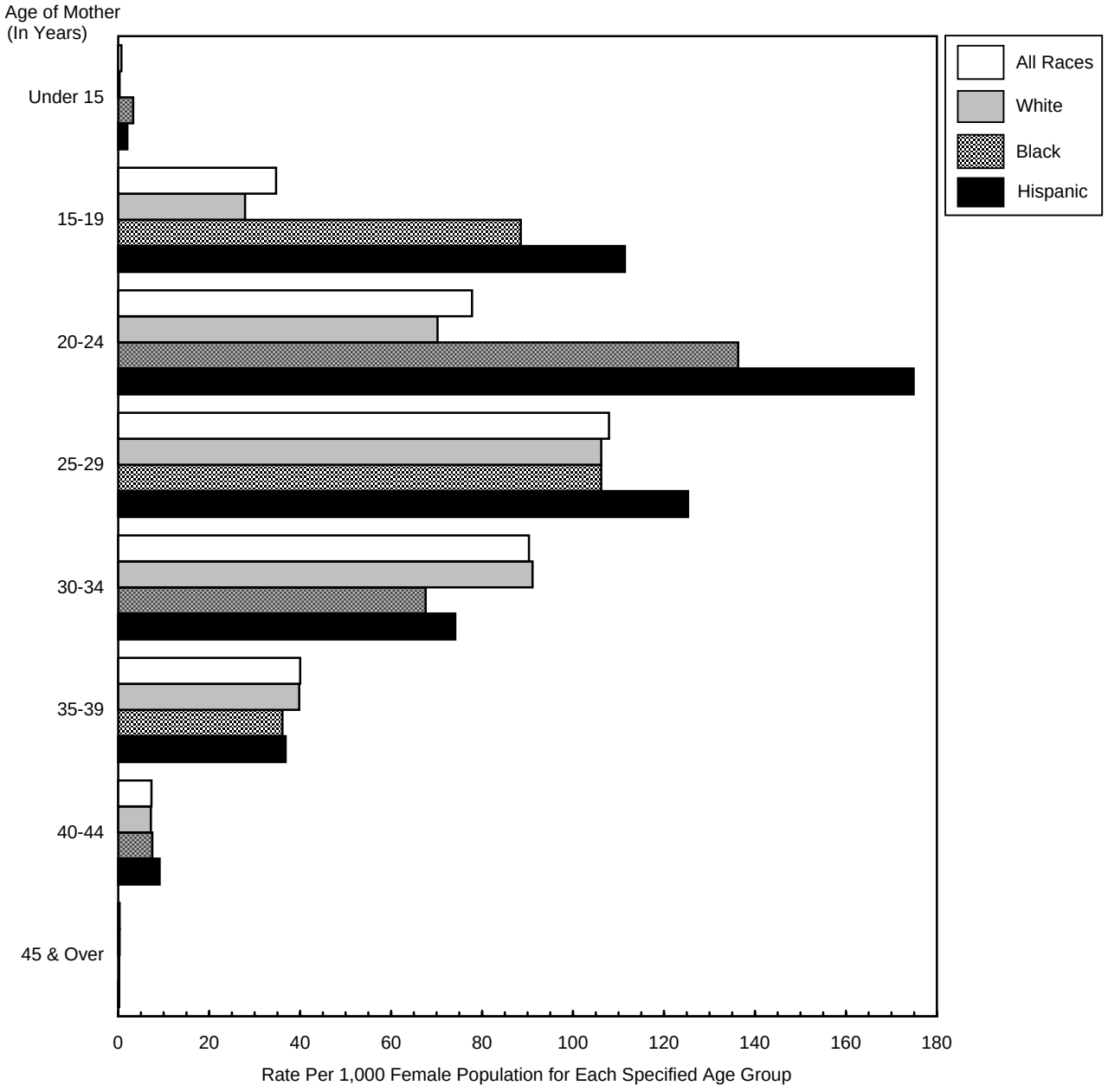
Table B-4B
Resident Live Birth Rate by Age, Race and Hispanic Origin of Mother**
Pennsylvania, 1999

Age of Mother (In Years)	Race: All Races	White*	Black	Hispanic Origin
All Ages	57.8	55.0	74.7	93.7
Under 15	0.7	0.3	3.3	2.0
15 - 19	34.7	27.9	88.5	111.4
20 - 24	77.8	70.2	136.3	174.9
25 - 29***	107.9	106.2	106.2	125.3
30 - 34	90.3	91.1	67.6	74.1
35 - 39	40.0	39.8	36.1	36.8
40 - 44	7.3	7.2	7.5	9.1
45 & Over	0.3	0.3	0.2	0.2

* Unknown race of mother included in the white category.
** Rate per 1,000 female population for each specified group, 1999. 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 age 25-29 years.

Note: Hispanic origin can be of any race.

Figure B-4
Resident Birth Rates by Age, Race and Hispanic Origin of Mother
Pennsylvania, 1999



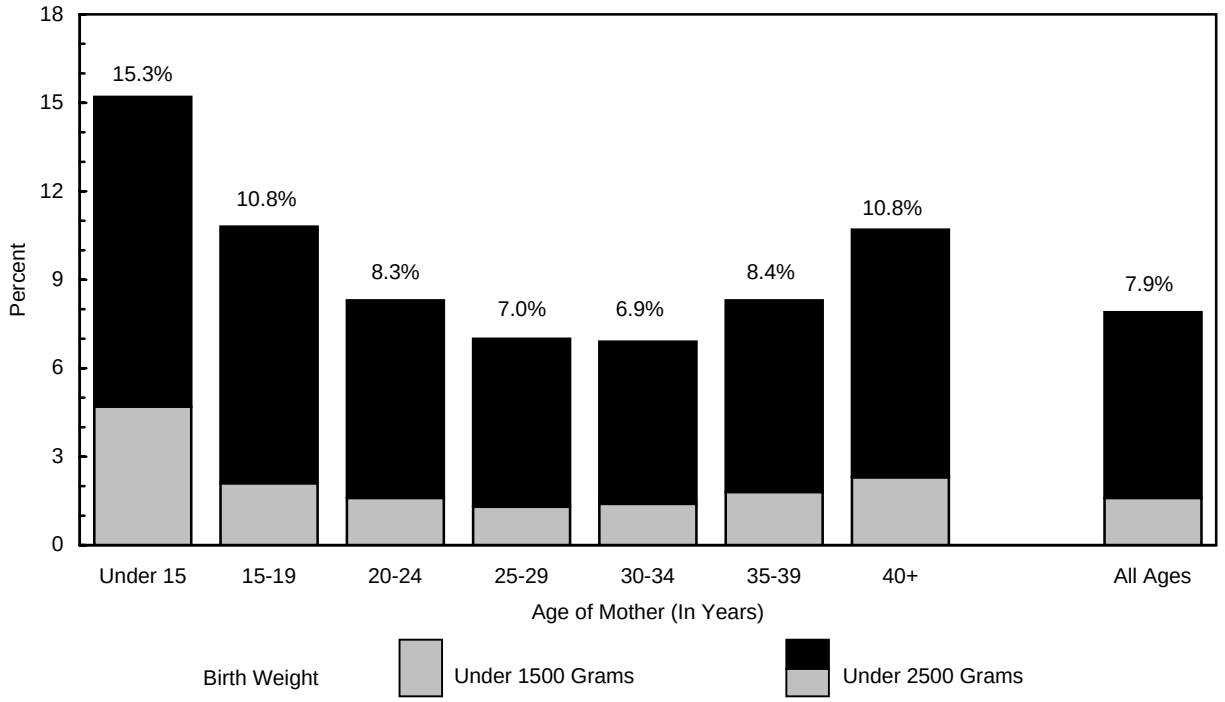
Note: Hispanic origin can be of any race.

Table B-5
Resident Live Births by Age of Mother and Birth Weight
Number and Percent*: Pennsylvania, 1999

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	144,828	2,305	1.6	9,162	6.3	75,161	51.9	55,656	38.4	2,456	1.7	88	0.1
Under 15	275	13	4.7	29	10.5	183	66.5	50	18.2	0	-	0	-
15 - 19	14,558	308	2.1	1,269	8.7	8,880	61.0	3,989	27.4	104	0.7	8	0.1
20 - 24	30,806	501	1.6	2,058	6.7	17,474	56.7	10,424	33.8	339	1.1	10	0.0
25 - 29	40,315	541	1.3	2,283	5.7	20,431	50.7	16,341	40.5	699	1.7	20	0.0
30 - 34	37,485	529	1.4	2,060	5.5	18,011	48.0	16,054	42.8	806	2.2	25	0.1
35 - 39	17,896	331	1.8	1,169	6.5	8,574	47.9	7,389	41.3	417	2.3	16	0.1
40 - 44	3,335	79	2.4	277	8.3	1,535	46.0	1,349	40.4	89	2.7	6	0.2
45 & Over	134	1	0.7	16	11.9	59	44.0	56	41.8	2	1.5	0	-
Unknown	24	2	8.3	1	4.2	14	58.3	4	16.7	0	-	3	12.5

*Percent of total live births for each specified age group.

Figure B-5
Resident Live Births, Percent with Very Low and Low Birth Weight by Age of Mother, Pennsylvania, 1999



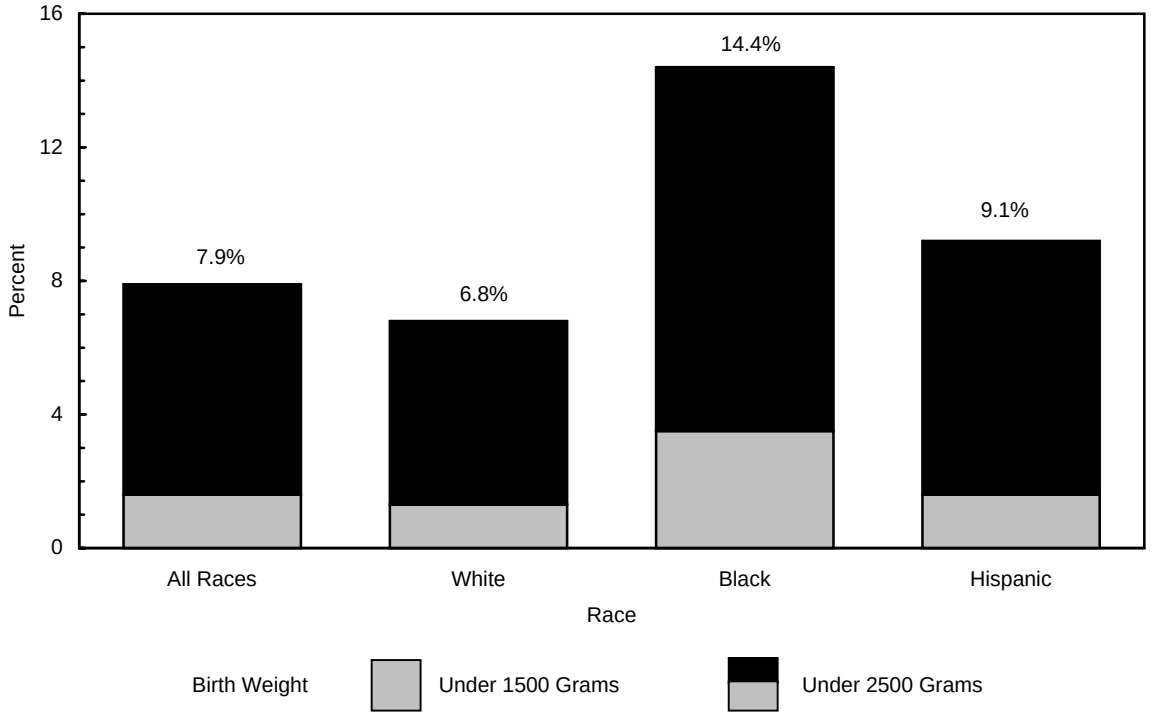
Note: The State percentages for very low birth weight (under 1500 grams) and low birth weight (under 2500 grams) are 1.6 and 7.9 percent, respectively.

Table B-6
Resident Live Births by Birth Weight, Sex of Child, and Race and Hispanic Origin of Mother, Number and Percent*: Pennsylvania, 1999

Birth Weight (In Grams)	Total Births	Sex: Male** Number	Male** %	Female Number	Female %	Race: White*** Number	White*** %	Black Number	Black %	Hispanic Origin Number	Hispanic Origin %
Total	144,828	74,211	100.0	70,617	100.0	120,726	100.0	20,081	100.0	7,139	100.0
0-1499	2,305	1,154	1.6	1,151	1.6	1,568	1.3	698	3.5	112	1.6
1500-2499	9,162	4,339	5.8	4,823	6.8	6,692	5.5	2,185	10.9	541	7.6
2500-3499	75,161	35,134	47.3	40,027	56.7	60,645	50.2	11,970	59.6	4,143	58.0
3500-4499	55,656	31,843	42.9	23,813	33.7	49,482	41.0	5,052	25.2	2,272	31.8
4500 +	2,456	1,691	2.3	765	1.1	2,269	1.9	163	0.8	66	0.9
Unknown	88	50	0.1	38	0.1	70	0.1	13	0.1	5	0.1

* Percent of total live births for each column.
** Unknown sex of child included in the male category.
***Unknown race of mother included in the white category.

Figure B-6
Resident Live Births, Percent with Very Low and Low Birth Weight by Race and Hispanic Origin of Mother, Pennsylvania, 1999



Note: Hispanic origin can be of any race.

Table B-7A
Resident Live Births by Age of Mother and Trimester of First Prenatal Visit
Number and Percent*: Pennsylvania, 1999

Age of Mother (In Years)	Total Births	Trimester In Pregnancy: First Number	First %	Second Number	Second %	Third Number	Third %	Unknown Number	Unknown %	No Prenatal Visits Number	No Prenatal Visits %
All Ages	144,828	118,687	82.0	15,975	11.0	3,387	2.3	5,561	3.8	1,218	0.8
Under 15	275	119	43.3	92	33.5	32	11.6	17	6.2	15	5.5
15 - 19	14,558	9,871	67.8	3,116	21.4	710	4.9	635	4.4	226	1.6
20 - 24	30,806	23,316	75.7	4,923	16.0	1,036	3.4	1,214	3.9	317	1.0
25 - 29	40,315	34,349	85.2	3,630	9.0	711	1.8	1,353	3.4	272	0.7
30 - 34	37,485	32,883	87.7	2,517	6.7	525	1.4	1,364	3.6	196	0.5
35 - 39	17,896	15,321	85.6	1,346	7.5	296	1.7	783	4.4	150	0.8
40 - 44	3,335	2,715	81.4	337	10.1	69	2.1	178	5.3	36	1.1
45 & Over	134	104	77.6	13	9.7	7	5.2	8	6.0	2	1.5
Unknown	24	9	37.5	1	4.2	1	4.2	9	37.5	4	16.7

*Percent of total live births for each specified age group.

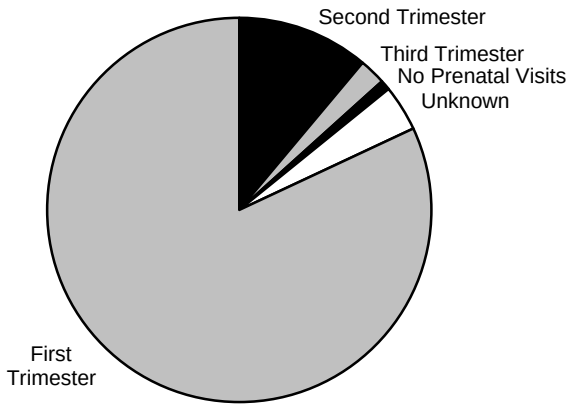
Table B-7B
Resident Live Births by Race and Hispanic Origin of Mother and Trimester of First Prenatal Visit, Number and Percent*: Pennsylvania, 1999

Race and Hispanic Origin of Mother	Total Births	Trimester In Pregnancy: First Number	First %	Second Number	Second %	Third Number	Third %	Unknown Number	Unknown %	No Prenatal Visits Number	No Prenatal Visits %
All Races	144,828	118,687	82.0	15,975	11.0	3,387	2.3	5,561	3.8	1,218	0.8
White**	120,726	102,165	84.6	11,526	9.5	2,343	1.9	4,059	3.4	633	0.5
Black	20,081	13,453	67.0	3,842	19.1	930	4.6	1,290	6.4	566	2.8
Hispanic Origin	7,139	4,997	70.0	1,390	19.5	308	4.3	377	5.3	67	0.9

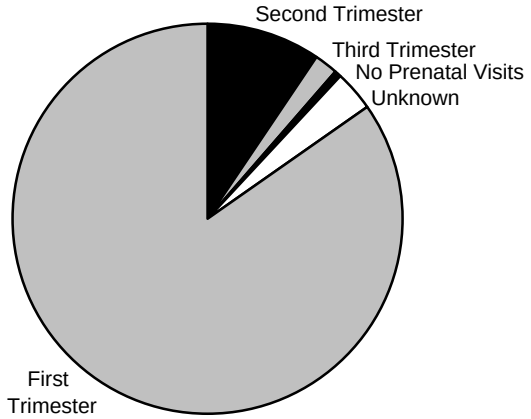
* Percent of total live births for each specified group.
** Unknown race of mother included in the white category.

Note: Hispanic origin can be of any race.

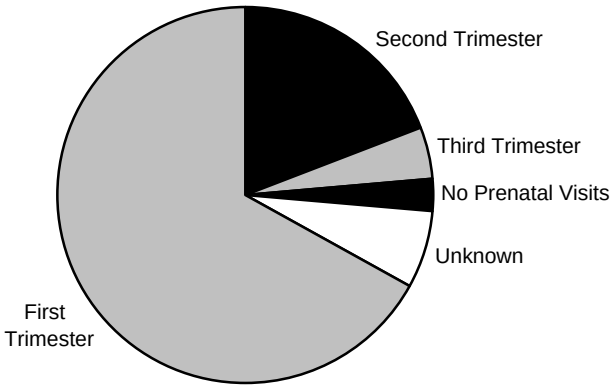
Figure B-7
Resident Live Births by Race and Hispanic Origin of Mother and Trimester of First Prenatal Visit, Pennsylvania, 1999



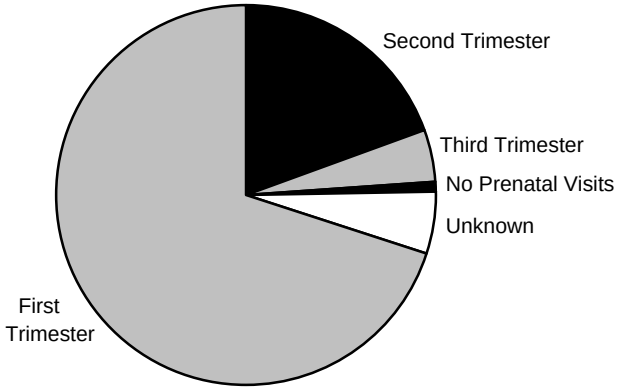
All Races



White Race



Black Race



Hispanic Origin

Note: Hispanic Origin can be of any race.

Table B-8

Resident Live Births by Age of Mother and Number of Previous Pregnancies
Number and Percent*: Pennsylvania, 1999

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	144,828	45,247	31.2	42,333	29.2	27,106	18.7	14,311	9.9	14,792	10.2	1,039	0.7
Under 15	275	266	96.7	8	2.9	0	-	0	-	0	-	1	0.4
15 - 19	14,558	10,128	69.6	3,225	22.2	866	5.9	197	1.4	61	0.4	81	0.6
20 - 24	30,806	11,427	37.1	9,781	31.8	5,366	17.4	2,490	8.1	1,532	5.0	210	0.7
25 - 29	40,315	12,459	30.9	12,453	30.9	7,531	18.7	3,947	9.8	3,648	9.0	277	0.7
30 - 34	37,485	8,008	21.4	11,714	31.2	8,423	22.5	4,406	11.8	4,670	12.5	264	0.7
35 - 39	17,896	2,563	14.3	4,486	25.1	4,222	23.6	2,733	15.3	3,730	20.8	162	0.9
40 - 44	3,335	371	11.1	643	19.3	676	20.3	521	15.6	1,091	32.7	33	1.0
45 & Over	134	17	12.7	21	15.7	18	13.4	17	12.7	60	44.8	1	0.7
Unknown	24	8	33.3	2	8.3	4	16.7	0	-	0	-	10	41.7

* Percent of total live births for each specified age group.

Table B-9

Resident Live Births by Age of Mother and Number of Previous Live Births
Number and Percent*: Pennsylvania, 1999

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	144,828	58,031	40.1	47,403	32.7	23,030	15.9	9,003	6.2	6,559	4.5	802	0.6
Under 15	275	270	98.2	4	1.5	0	-	0	-	0	-	1	0.4
15 - 19	14,558	11,652	80.0	2,356	16.2	422	2.9	53	0.4	8	0.1	67	0.5
20 - 24	30,806	14,521	47.1	10,322	33.5	4,078	13.2	1,288	4.2	437	1.4	160	0.5
25 - 29	40,315	16,117	40.0	13,709	34.0	6,294	15.6	2,503	6.2	1,477	3.7	215	0.5
30 - 34	37,485	10,923	29.1	14,106	37.6	7,379	19.7	2,797	7.5	2,073	5.5	207	0.6
35 - 39	17,896	3,839	21.5	5,913	33.0	4,193	23.4	1,937	10.8	1,900	10.6	114	0.6
40 - 44	3,335	674	20.2	960	28.8	644	19.3	406	12.2	623	18.7	28	0.8
45 & Over	134	25	18.7	30	22.4	19	14.2	19	14.2	41	30.6	0	-
Unknown	24	10	41.7	3	12.5	1	4.2	0	-	0	-	10	41.7

* Percent of total live births for each specified age group.

Table B-10
Resident Live Births by Age and Marital Status of the Mother
Number and Percent*: Pennsylvania, 1999

Age of Mother (In Years)	Total Births	Marital Status: Married Number	Married %	Unmarried Number	Unmarried %	Unknown Number	Unknown %
All Ages	144,828	96,784	66.8	47,596	32.9	448	0.3
Under 15	275	5	1.8	270	98.2	0	-
15 - 19	14,558	1,486	10.2	13,041	89.6	31	0.2
20 - 24	30,806	13,104	42.5	17,624	57.2	78	0.3
25 - 29	40,315	30,912	76.7	9,258	23.0	145	0.4
30 - 34	37,485	32,807	87.5	4,564	12.2	114	0.3
35 - 39	17,896	15,529	86.8	2,305	12.9	62	0.3
40 - 44	3,335	2,811	84.3	510	15.3	14	0.4
45 & Over	134	121	90.3	13	9.7	0	-
Unknown	24	9	37.5	11	45.8	4	16.7

* Percent of total live births for each specified age group.

Table B-11
Resident Live Births by Age and Education of Mother
Number and Percent*: Pennsylvania, 1999

Age of Mother (In Years)	Total Births	Highest Grade Completed: 0 - 8 Number	0 - 8 %	9 - 11 Number	9 - 11 %	12 Number	12 %	13 - 15 Number	13 - 15 %	16 or More Number	16 or More %	Unknown Number	Unknown %
All Ages	144,828	4,096	2.8	16,812	11.6	50,122	34.6	30,457	21.0	39,374	27.2	3,967	2.7
Under 15	275	183	66.5	71	25.8	0	-	0	-	0	-	21	7.6
15 - 19	14,558	566	3.9	7,380	50.7	5,221	35.9	804	5.5	1	0.0	586	4.0
20 - 24	30,806	1,181	3.8	5,123	16.6	14,691	47.7	7,132	23.2	1,786	5.8	893	2.9
25 - 29	40,315	1,016	2.5	2,383	5.9	13,950	34.6	10,109	25.1	11,918	29.6	939	2.3
30 - 34	37,485	644	1.7	1,177	3.1	10,281	27.4	8,016	21.4	16,443	43.9	924	2.5
35 - 39	17,896	373	2.1	551	3.1	5,020	28.1	3,709	20.7	7,760	43.4	483	2.7
40 - 44	3,335	121	3.6	120	3.6	921	27.6	669	20.1	1,400	42.0	104	3.1
45 & Over	134	12	9.0	5	3.7	36	26.9	17	12.7	62	46.3	2	1.5
Unknown	24	0	-	2	8.3	2	8.3	1	4.2	4	16.7	15	62.5

* Percent of total live births for each specified age group.

Table B-12
Resident Live Births by Age of Mother and Type of Medical Condition
Number and Percent*: Pennsylvania, 1999

Age of Mother (In Years)	Total Births	Medical Risk Factors of Mother		Complications of Labor and/or Delivery		Abnormal Conditions of Newborn		Congenital Anomalies**	
		Number	%	Number	%	Number	%	Number	%
All Ages	144,828	45,491	31.4	59,397	41.0	13,195	9.1	2,685	1.9
Under 15	275	87	31.6	123	44.7	33	12.0	6	2.2
15 - 19	14,558	4,589	31.5	6,056	41.6	1,533	10.5	323	2.2
20 - 24	30,806	9,658	31.4	12,514	40.6	2,962	9.6	619	2.0
25 - 29	40,315	12,325	30.6	16,686	41.4	3,698	9.2	710	1.8
30 - 34	37,485	11,478	30.6	15,106	40.3	3,126	8.3	596	1.6
35 - 39	17,896	6,005	33.6	7,394	41.3	1,528	8.5	328	1.8
40 - 44	3,335	1,280	38.4	1,447	43.4	299	9.0	93	2.8
45 & Over	134	61	45.5	60	44.8	13	9.7	7	5.2
Unknown	24	8	33.3	11	45.8	3	12.5	3	12.5

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

Note: More than one type of medical condition may be reported for a live birth.

Table B-13
Resident Live Births, Reported Congenital Anomalies by Type,
Pennsylvania, 1999

Congenital Anomalies	Number
Total Births	144,828
Births with Anomaly(ies) Reported	2,685
Central Nervous System Anomalies	
Anencephalus	21
Spina Bifida/Meningocele	26
Hydrocephalus	33
Microcephalus	14
Other Central Nervous System Anomalies	45
Circulatory/Respiratory Anomalies	
Heart Malformations	158
Other Circulatory/ Respiratory Anomalies	406
Gastrointestinal Anomalies	
Rectal Atresia/Stenosis	17
Tracheo-Esophageal Fistula/ Esophageal Atresia	16
Omphalocele/Gastroschisis	34
Other Gastrointestinal Anomalies	81
Urogenital Anomalies	
Malformed Genitalia	262
Renal Agenesis	14
Other Urogenital Anomalies	176
Musculoskeletal/Integumental Anomalies	
Cleft Lip/Palate	150
Polydactyly/Syndactyly/Adactyly	213
Club Foot	126
Diaphragmatic Hernia	19
Other Musculoskeletal/ Integumental Anomalies	467
Chromosomal Anomalies	
Down Syndrome	82
Other Chromosomal Anomalies	62
Other Anomalies	637
None	138,873
Unknown	3,270

Note: More than one type of congenital anomaly may be reported for a live birth.

Table B-14A
Resident Live Births by Age of Mother and Method of Delivery
Number: Pennsylvania, 1999

Age of Mother (In Years)	Total Births	Method of Delivery							
		Vaginal				Cesarean			Unknown Method
		Total*	VBAC**	Forceps	Vacuum	Total	Primary	Repeat	
All Ages	144,828	112,555	4,820	4,357	9,609	29,651	18,837	10,814	2,622
Under 15	275	232	0	8	23	43	43	0	0
15 - 19	14,558	12,468	153	512	1,104	1,967	1,801	166	123
20 - 24	30,806	25,364	796	825	1,871	5,065	3,653	1,412	377
25 - 29	40,315	31,427	1,322	1,240	2,892	8,185	5,394	2,791	703
30 - 34	37,485	28,071	1,552	1,175	2,472	8,552	4,811	3,741	862
35 - 39	17,896	12,662	839	503	1,039	4,781	2,505	2,276	453
40 - 44	3,335	2,241	155	93	198	999	586	413	95
45 & Over	134	79	3	1	9	52	38	14	3
Unknown	24	11	0	0	1	7	6	1	6

* 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.

Table B-14B
Resident Live Births by Age of Mother and Method of Delivery
Percent*: Pennsylvania, 1999

Age of Mother (In Years)	Total Births	Method of Delivery		
		Vaginal	Cesarean	Unknown
All Ages	100.0	77.7	20.5	1.8
Under 15	100.0	84.4	15.6	-
15 - 19	100.0	85.6	13.5	0.8
20 - 24	100.0	82.3	16.4	1.2
25 - 29	100.0	78.0	20.3	1.7
30 - 34	100.0	74.9	22.8	2.3
35 - 39	100.0	70.8	26.7	2.5
40 - 44	100.0	67.2	30.0	2.8
45 & Over	100.0	59.0	38.8	2.2
Unknown	100.0	45.8	29.2	25.0

*Percent of total live births for each specified age group.

Note: Rows may not total 100.0 percent due to rounding.

Table B-15A
Resident Live Births by APGAR Score at One Minute
by Race and Hispanic Origin of Mother, Pennsylvania, 1999

APGAR Score	Race			Hispanic Origin
	All Races	White*	Black	
Total	144,828	120,726	20,081	7,139
0 - 3	3,402	2,498	825	168
4	1,826	1,416	377	121
5	2,578	2,082	445	125
6	4,214	3,428	707	206
7	11,117	9,283	1,578	593
8	65,120	54,575	8,720	3,351
9	54,942	46,017	7,254	2,523
10	1,021	990	20	24
Unknown	608	437	155	28

Table B-15B
Resident Live Births by APGAR Score at Five Minutes
By Race and Hispanic Origin of Mother, Pennsylvania, 1999

APGAR Score	Race			Hispanic Origin
	All Races	White*	Black	
Total	144,828	120,726	20,081	7,139
0 - 3	631	402	212	28
4	217	149	66	8
5	379	286	83	21
6	789	597	178	41
7	1,897	1,491	368	91
8	9,337	7,611	1,517	539
9	117,239	96,941	16,880	5,951
10	13,738	12,814	626	432
Unknown	601	435	151	28

* Unknown race of mother included in the white category.

Note: Hispanic origin can be of any race.

Table B-16

Names Most Frequently Given to Live Births Among Pennsylvania Residents by Sex of Child, 1999 and 1960, and Race and Hispanic Origin of Mother and Sex of Child, 1999

Top Ten Names
Females, 1999 and 1960

Rank	1999	1960
1	Emily	Mary
2	Sarah	Susan
3	Hannah	Donna
4	Madison	Karen
5	Alexis	Patricia
6	Samantha	Linda
7	Taylor	Lisa
8	Ashley	Deborah
9	Elizabeth	Barbara
10	Kayla	Kathleen

Top Ten Names
Females by Race and Hispanic Origin of Mother, 1999

Rank	White	Black	Hispanic Origin
1	Emily	Kayla	(tie) Ashley
2	Sarah	Destiny	(tie) Destiny
3	Madison	Alexis	Kiara
4	Hannah	Taylor	Samantha
5	Samantha	Jasmine	Maria
6	Alexis	Diamond	Brianna
7	Elizabeth	Brianna	Alexis
8	Taylor	Imani	Emily
9	Rachel	Kiara	Kayla
10	Ashley	Ashley	Victoria

Top Ten Names
Males, 1999 and 1960

Rank	1999	1960
1	Michael	John
2	Matthew	Michael
3	Jacob	David
4	Nicholas	Robert
5	Ryan	James
6	Tyler	William
7	Joshua	Mark
8	Joseph	Joseph
9	Zachary	Thomas
10	John	Richard

Top Ten Names
Males by Race and Hispanic Origin of Mother, 1999

Rank	White	Black	Hispanic Origin
1	Michael	Isaiah	Jose
2	Matthew	Michael	(tie) Angel
3	Jacob	Anthony	(tie) Anthony
4	Nicholas	Nasir	Luis
5	Ryan	Joshua	Joshua
6	Tyler	(tie) Amir	Christopher
7	Zachary	(tie) David	Carlos
8	Joseph	Brandon	Michael
9	Joshua	James	Jonathan
10	John	Elijah	Juan

Note: Hispanic origin can be of any race.

Table B-17

Resident Live Births by Race and Hispanic Origin of Mother by County
Total Births, Birth and General Fertility Rates*: Pennsylvania, 1999

County	Total Births	Birth Rate	General Fertility Rate	Race White**	Race Black	Hispanic Origin
All Counties	144,828	12.1	57.8	120,726	20,081	7,139
Adams	999	11.4	52.3	982	11	78
Allegheny	14,442	11.5	56.1	11,334	2,708	134
Armstrong	792	10.8	53.7	785	5	2
Beaver	1,763	9.7	49.1	1,604	152	11
Bedford	577	11.6	61.4	572	2	3
Berks	4,509	12.6	60.2	4,236	206	735
Blair	1,503	11.6	55.3	1,476	19	8
Bradford	761	12.2	61.9	757	0	3
Bucks	7,313	12.3	58.9	6,753	315	232
Butler	2,150	12.5	56.3	2,105	18	5
Cambria	1,524	9.9	51.4	1,466	49	12
Cameron	58	10.4	59.6	57	1	0
Carbon	589	10.0	52.8	582	4	11
Centre	1,237	9.4	35.9	1,146	17	21
Chester	5,736	13.3	60.4	5,218	364	328
Clarion	418	10.0	40.7	414	3	1
Clearfield	862	10.7	53.2	855	1	4
Clinton	413	11.2	51.2	404	2	1
Columbia	617	9.7	39.3	608	5	4
Crawford	1,117	12.5	59.1	1,096	16	2
Cumberland	2,251	10.7	48.8	2,156	30	28
Dauphin	3,131	12.7	60.0	2,314	701	199
Delaware	6,815	12.6	59.5	5,099	1,403	99
Elk	376	10.9	56.8	375	1	4
Erie	3,519	12.7	57.8	3,099	384	118
Fayette	1,626	11.3	56.3	1,531	86	7
Forest	35	7.1	42.9	33	1	0
Franklin	1,654	12.8	63.4	1,581	59	37
Fulton	171	11.7	57.9	171	0	0
Greene	412	9.8	47.5	406	3	2
Huntingdon	499	11.2	58.4	487	9	2
Indiana	904	10.3	42.3	888	11	1
Jefferson	475	10.3	50.8	473	0	1

(Continued)

Table B-17

Resident Live Births by Race and Hispanic Origin of Mother by County
Total Births, Birth and General Fertility Rates*: Pennsylvania, 1999

County	Total Births	Birth Rate	General Fertility Rate	Race White**	Race Black	Hispanic Origin
Juniata	285	12.8	62.7	283	0	7
Lackawanna	2,116	10.2	50.1	2,032	55	58
Lancaster	6,778	14.7	69.1	6,402	266	585
Lawrence	1,014	10.7	54.7	954	56	9
Lebanon	1,426	12.1	60.8	1,394	12	107
Lehigh	3,750	12.5	60.8	3,393	228	696
Luzerne	3,028	9.7	51.0	2,932	67	61
Lycoming	1,345	11.5	54.2	1,264	75	4
McKean	538	11.7	62.8	535	0	0
Mercer	1,345	11.1	56.9	1,238	99	7
Mifflin	618	13.2	67.1	612	3	3
Monroe	1,355	10.5	47.7	1,224	94	99
Montgomery	9,214	12.7	64.5	7,905	780	249
Montour	203	11.6	55.4	195	1	0
Northampton	2,816	10.8	51.2	2,644	115	316
Northumberland	1,006	10.8	57.6	995	5	10
Perry	524	11.8	55.1	521	2	1
Philadelphia	21,667	15.3	68.0	9,185	11,218	2,541
Pike	351	8.5	40.6	337	11	15
Potter	216	12.6	63.5	210	1	2
Schuylkill	1,428	9.6	53.5	1,403	17	19
Snyder	422	11.1	49.1	420	1	0
Somerset	817	10.2	52.6	813	2	1
Sullivan	52	8.6	46.6	51	0	1
Susquehanna	436	10.3	50.9	432	1	1
Tioga	388	9.3	43.8	386	0	3
Union	364	9.0	45.0	358	4	2
Venango	659	11.4	58.0	648	9	3
Warren	477	11.0	57.7	474	1	0
Washington	2,088	10.2	50.5	2,001	65	15
Wayne	480	10.4	61.2	476	2	4
Westmoreland	3,582	9.7	49.3	3,450	89	13
Wyoming	328	11.2	51.4	323	0	2
York	4,464	11.9	56.0	4,173	216	212

* Birth rate per 1,000 population for each specified county, 1999.
General fertility rate: Number of total live births per 1,000 females of childbearing age (between the ages of 15 and 44 years), 1999.
**Unknown race of mother included in the white category.

Note: Hispanic origin can be of any race.

Table B-18
Resident Live Births by Race and Hispanic Origin of Mother by County
Number and Average Annual Rate: Pennsylvania, 1995-1999

County	Total Births 1995-99	Birth Rate*	Race White**	Race Black	Hispanic Origin
All Counties	733,139	12.2	611,797	102,618	33,871
Adams	4,905	11.4	4,798	74	355
Allegheny	74,001	11.5	58,202	13,884	664
Armstrong	3,968	10.8	3,925	37	8
Beaver	9,913	10.7	8,994	860	80
Bedford	2,847	11.5	2,819	10	10
Berks	22,307	12.6	20,932	1,070	3,683
Blair	7,325	11.2	7,169	101	41
Bradford	3,639	11.7	3,600	7	25
Bucks	36,443	12.5	33,692	1,608	1,001
Butler	10,550	12.5	10,377	81	43
Cambria	7,891	10.0	7,591	237	51
Cameron	313	11.0	309	3	1
Carbon	2,879	9.8	2,850	12	52
Centre	6,360	9.6	5,858	116	83
Chester	27,459	13.2	24,861	2,001	1,344
Clarion	2,214	10.6	2,192	12	10
Clearfield	4,416	11.0	4,383	8	17
Clinton	2,178	11.8	2,156	5	8
Columbia	3,143	9.8	3,099	14	24
Crawford	5,423	12.2	5,297	99	16
Cumberland	11,203	10.8	10,754	189	138
Dauphin	16,015	13.0	11,828	3,683	889
Delaware	34,617	12.7	26,563	6,670	542
Elk	2,012	11.6	1,995	2	10
Erie	17,894	12.8	15,949	1,762	567
Fayette	8,336	11.5	7,834	456	29
Forest	187	7.5	185	1	0
Franklin	7,949	12.5	7,618	251	205
Fulton	824	11.4	815	6	2
Greene	2,122	10.2	2,103	10	4
Huntingdon	2,429	10.8	2,389	27	12
Indiana	4,452	10.0	4,367	55	13
Jefferson	2,518	10.8	2,501	1	5

(Continued)

Table B-18

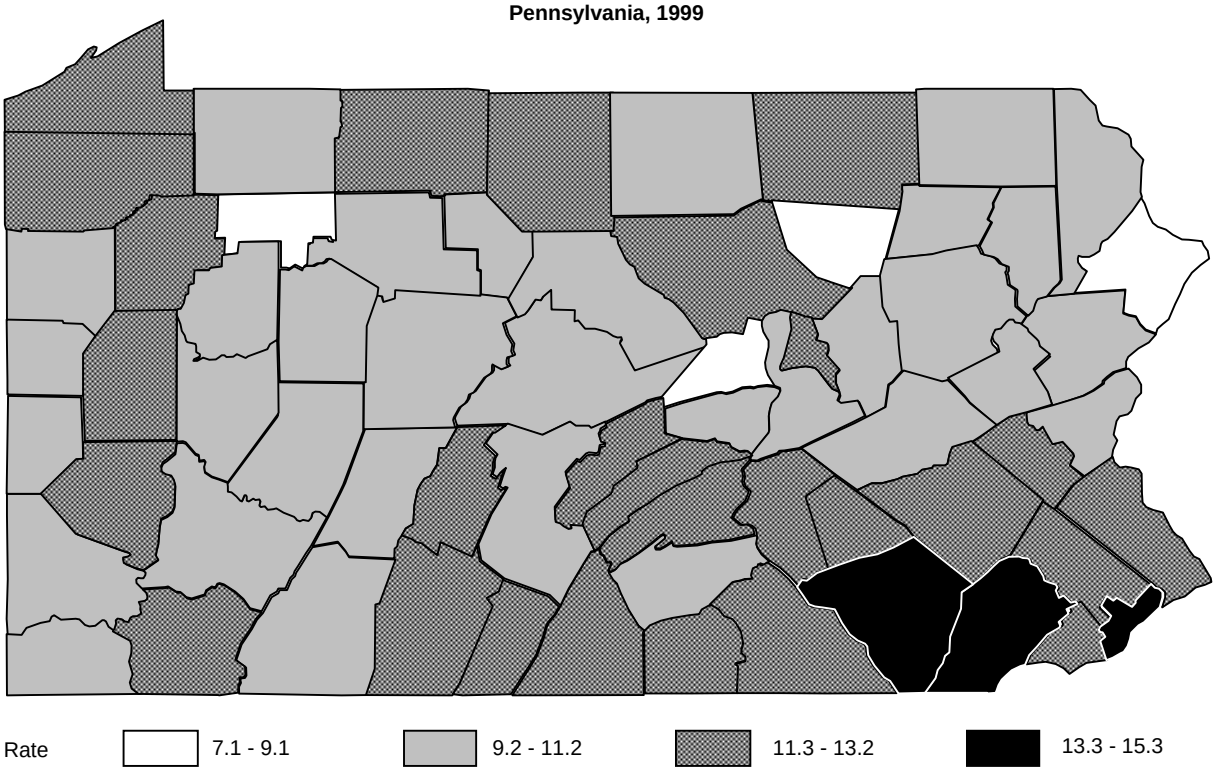
Resident Live Births by Race and Hispanic Origin of Mother by County
Number and Average Annual Rate: Pennsylvania, 1995-1999

County	Total Births 1995-99	Birth Rate*	Race White**	Race Black	Hispanic Origin
Juniata	1,444	13.2	1,423	8	30
Lackawanna	11,041	10.5	10,668	226	224
Lancaster	32,927	14.5	31,176	1,155	2,625
Lawrence	5,325	11.2	4,974	324	31
Lebanon	7,157	12.2	6,989	74	528
Lehigh	18,370	12.3	16,782	1,005	3,073
Luzerne	15,698	9.9	15,239	309	248
Lycoming	6,845	11.6	6,312	487	41
McKean	2,642	11.2	2,625	3	14
Mercer	6,799	11.1	6,250	505	41
Mifflin	2,984	12.7	2,961	11	17
Monroe	7,041	11.5	6,562	334	429
Montgomery	46,139	12.9	40,075	3,836	1,036
Montour	1,068	11.9	1,035	3	6
Northampton	14,095	10.9	13,248	565	1,481
Northumberland	4,823	10.2	4,758	37	47
Perry	2,672	12.1	2,657	8	18
Philadelphia	112,453	15.4	48,264	58,001	12,526
Pike	1,732	8.9	1,673	42	74
Potter	1,085	12.7	1,070	1	8
Schuylkill	7,255	9.6	7,149	61	88
Snyder	2,159	11.3	2,134	9	21
Somerset	4,137	10.3	4,117	7	13
Sullivan	265	8.7	263	0	3
Susquehanna	2,326	11.1	2,302	6	15
Tioga	2,069	10.0	2,046	2	12
Union	1,838	9.0	1,812	16	14
Venango	3,180	10.9	3,120	38	12
Warren	2,468	11.2	2,453	3	7
Washington	11,039	10.7	10,528	428	70
Wayne	2,556	11.3	2,517	28	26
Westmoreland	18,893	10.1	18,204	540	101
Wyoming	1,650	11.3	1,631	4	8
York	22,232	12.0	20,775	1,190	1,052

* Birth rate per 1,000 population for each specified county, 1995-1999.
**Unknown race of mother included in the white category.

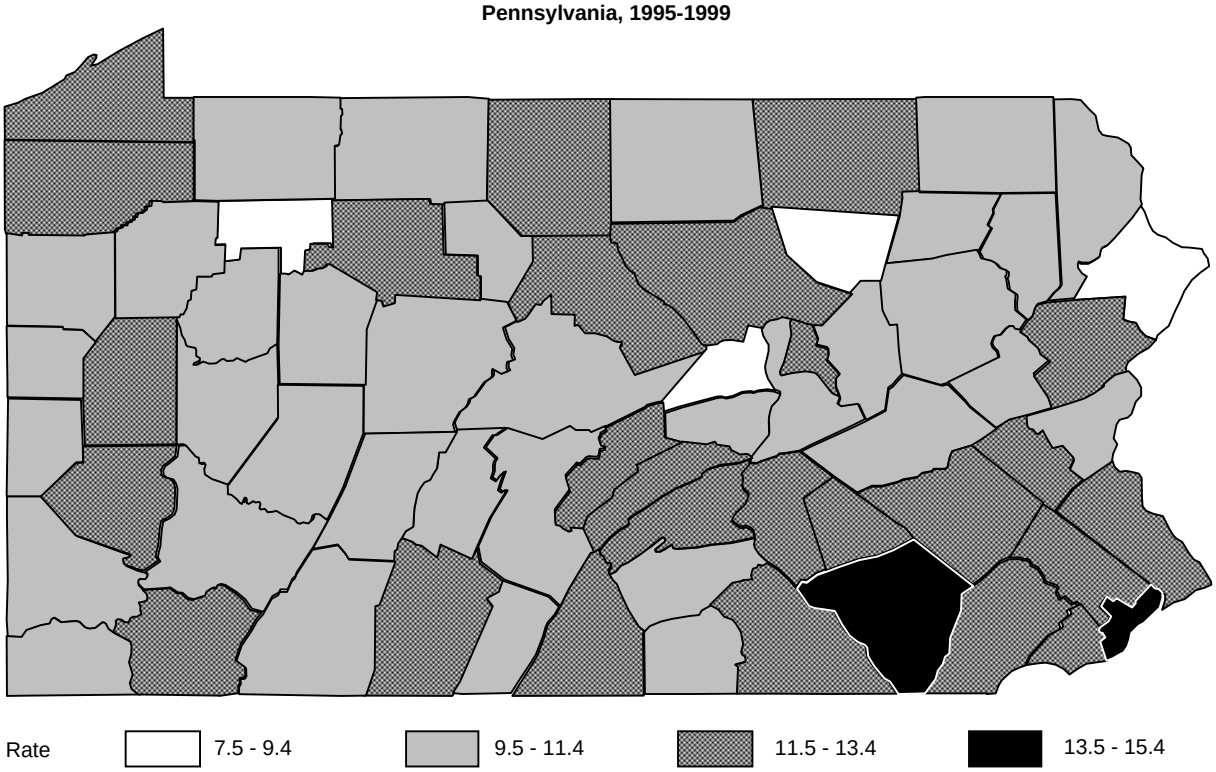
Note: Hispanic origin can be of any race.

Figure B-8
Resident Birth Rates by County
Pennsylvania, 1999



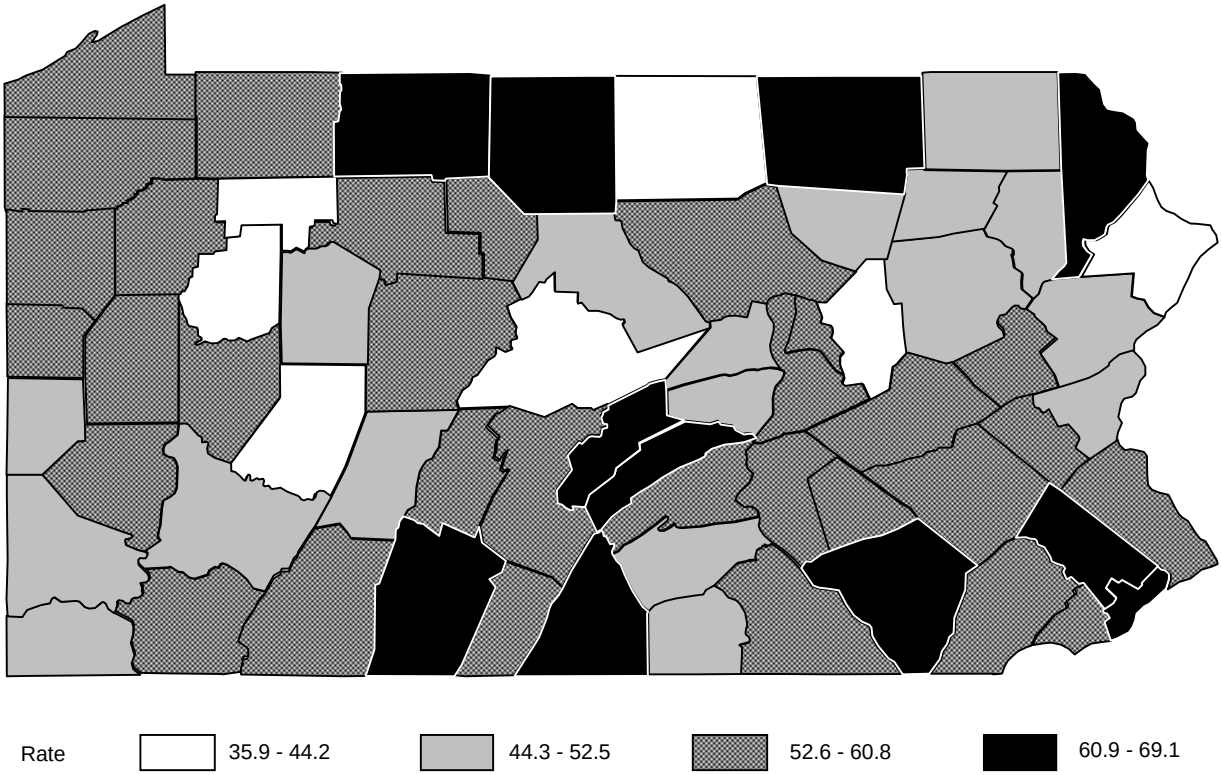
Note: Rate per 1,000 population, 1999. See Table B-17 for county rates.

Figure B-9
Resident Average Annual Birth Rates by County
Pennsylvania, 1995-1999



Note: Rate per 1,000 population, 1995-1999. See Table B-18 for county rates.

Figure B-10
General Fertility Rates by County
Pennsylvania Residents, 1999



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-17 for county rates.

Table B-19
Resident Live Births by Age of Mother and County
Pennsylvania, 1999

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	144,828	275	14,558	30,806	40,315	37,485	17,896	3,335	134	24
Adams	999	0	116	238	308	223	93	19	2	0
Allegheny	14,442	24	1,213	2,467	3,789	4,341	2,198	397	11	2
Armstrong	792	2	75	206	245	182	72	9	1	0
Beaver	1,763	3	157	393	512	463	200	33	2	0
Bedford	577	0	61	178	189	101	40	8	0	0
Berks	4,509	7	573	1,024	1,270	1,061	486	82	5	1
Blair	1,503	2	170	421	472	302	117	19	0	0
Bradford	761	5	104	216	205	159	62	10	0	0
Bucks	7,313	5	369	861	1,931	2,498	1,393	244	11	1
Butler	2,150	1	124	350	591	722	310	48	2	2
Cambria	1,524	3	142	411	488	322	128	29	1	0
Cameron	58	0	8	20	18	9	3	0	0	0
Carbon	589	0	65	134	191	130	56	13	0	0
Centre	1,237	1	80	238	387	347	163	21	0	0
Chester	5,736	5	285	711	1,344	2,073	1,109	202	5	2
Clarion	418	1	31	145	122	85	27	7	0	0
Clearfield	862	1	97	266	273	154	62	9	0	0
Clinton	413	0	62	117	132	73	23	6	0	0
Columbia	617	0	63	145	209	134	57	7	2	0
Crawford	1,117	2	130	309	349	220	90	15	2	0
Cumberland	2,251	0	159	422	698	648	273	49	1	1
Dauphin	3,131	10	381	766	872	740	307	50	2	3
Delaware	6,815	12	514	975	1,698	2,162	1,204	237	13	0
Elk	376	0	35	91	134	94	17	5	0	0
Erie	3,519	9	433	878	999	803	340	55	2	0
Fayette	1,626	5	260	492	450	282	111	26	0	0
Forest	35	0	6	6	13	7	3	0	0	0
Franklin	1,654	1	172	460	559	309	132	20	1	0
Fulton	171	0	13	60	52	36	10	0	0	0
Greene	412	1	47	126	124	79	29	4	1	1
Huntingdon	499	3	62	133	154	92	46	9	0	0
Indiana	904	0	84	234	294	188	74	28	2	0
Jefferson	475	0	52	147	154	78	37	7	0	0

(Continued)

Table B-19
Resident Live Births by Age of Mother and County
Pennsylvania, 1999

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	285	0	22	80	91	70	16	6	0	0
Lackawanna	2,116	3	225	438	587	532	276	51	4	0
Lancaster	6,778	5	565	1,709	2,033	1,569	732	148	14	3
Lawrence	1,014	3	110	288	288	211	94	19	1	0
Lebanon	1,426	1	155	366	430	318	132	24	0	0
Lehigh	3,750	5	405	801	1,005	971	475	85	3	0
Luzerne	3,028	2	304	645	906	757	348	66	0	0
Lycoming	1,345	3	166	369	379	300	110	17	1	0
McKean	538	1	68	150	169	94	46	9	1	0
Mercer	1,345	1	134	349	411	333	94	22	1	0
Mifflin	618	1	79	196	177	108	45	11	1	0
Monroe	1,355	1	120	244	361	371	218	36	4	0
Montgomery	9,214	7	416	908	2,420	3,415	1,719	316	11	2
Montour	203	0	15	48	66	43	28	3	0	0
Northampton	2,816	5	280	528	777	835	337	54	0	0
Northumberland	1,006	2	111	273	310	217	81	11	1	0
Perry	524	0	66	118	165	100	66	8	0	1
Philadelphia	21,667	108	3,658	5,953	5,409	4,081	1,995	446	12	5
Pike	351	0	27	47	100	100	65	11	1	0
Potter	216	1	35	62	61	27	27	3	0	0
Schuylkill	1,428	1	179	340	466	298	117	25	2	0
Snyder	422	1	27	109	133	100	38	13	1	0
Somerset	817	1	70	247	255	146	83	15	0	0
Sullivan	52	0	8	16	15	9	3	1	0	0
Susquehanna	436	0	55	99	135	93	47	5	2	0
Tioga	388	0	42	106	134	77	23	6	0	0
Union	364	0	22	83	121	88	45	5	0	0
Venango	659	0	71	209	193	121	52	13	0	0
Warren	477	2	41	129	156	112	27	10	0	0
Washington	2,088	2	154	411	602	609	262	47	1	0
Wayne	480	1	45	106	136	131	50	10	1	0
Westmoreland	3,582	1	234	655	1,093	1,017	484	95	3	0
Wyoming	328	0	36	83	100	70	31	8	0	0
York	4,464	14	470	1,001	1,405	1,045	458	68	3	0

Table B-20
Resident Live Births by Birth Weight and County
Number and Percent*: Pennsylvania, 1999

		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	144,828	2,305	1.6	9,162	6.3	75,161	51.9	55,656	38.4	2,456	1.7	88	0.1
Adams	999	18	1.8	55	5.5	484	48.4	426	42.6	16	1.6	0	-
Allegheny	14,442	272	1.9	929	6.4	7,580	52.5	5,422	37.5	232	1.6	7	0.0
Armstrong	792	16	2.0	45	5.7	422	53.3	298	37.6	11	1.4	0	-
Beaver	1,763	24	1.4	84	4.8	908	51.5	705	40.0	42	2.4	0	-
Bedford	577	11	1.9	26	4.5	305	52.9	228	39.5	7	1.2	0	-
Berks	4,509	54	1.2	263	5.8	2,369	52.5	1,752	38.9	71	1.6	0	-
Blair	1,503	24	1.6	89	5.9	804	53.5	570	37.9	16	1.1	0	-
Bradford	761	8	1.1	31	4.1	368	48.4	332	43.6	21	2.8	1	0.1
Bucks	7,313	115	1.6	414	5.7	3,522	48.2	3,122	42.7	134	1.8	6	0.1
Butler	2,150	32	1.5	128	6.0	1,062	49.4	890	41.4	37	1.7	1	0.0
Cambria	1,524	17	1.1	86	5.6	872	57.2	527	34.6	20	1.3	2	0.1
Cameron	58	0	-	5	8.6	29	50.0	24	41.4	0	-	0	-
Carbon	589	11	1.9	50	8.5	314	53.3	209	35.5	5	0.8	0	-
Centre	1,237	10	0.8	69	5.6	645	52.1	491	39.7	22	1.8	0	-
Chester	5,736	71	1.2	290	5.1	2,655	46.3	2,587	45.1	132	2.3	1	0.0
Clarion	418	4	1.0	24	5.7	223	53.3	164	39.2	3	0.7	0	-
Clearfield	862	9	1.0	52	6.0	463	53.7	328	38.1	10	1.2	0	-
Clinton	413	5	1.2	20	4.8	206	49.9	172	41.6	10	2.4	0	-
Columbia	617	6	1.0	32	5.2	330	53.5	244	39.5	5	0.8	0	-
Crawford	1,117	17	1.5	61	5.5	582	52.1	438	39.2	18	1.6	1	0.1
Cumberland	2,251	21	0.9	112	5.0	1,129	50.2	937	41.6	52	2.3	0	-
Dauphin	3,131	52	1.7	216	6.9	1,692	54.0	1,118	35.7	53	1.7	0	-
Delaware	6,815	105	1.5	388	5.7	3,443	50.5	2,723	40.0	155	2.3	1	0.0
Elk	376	5	1.3	22	5.9	186	49.5	153	40.7	10	2.7	0	-
Erie	3,519	62	1.8	221	6.3	1,882	53.5	1,315	37.4	39	1.1	0	-
Fayette	1,626	26	1.6	107	6.6	931	57.3	547	33.6	15	0.9	0	-
Forest	35	0	-	4	11.4	13	37.1	18	51.4	0	-	0	-
Franklin	1,654	24	1.5	91	5.5	773	46.7	724	43.8	41	2.5	1	0.1
Fulton	171	1	0.6	4	2.3	89	52.0	74	43.3	3	1.8	0	-
Greene	412	12	2.9	30	7.3	226	54.9	139	33.7	5	1.2	0	-
Huntingdon	499	3	0.6	30	6.0	253	50.7	207	41.5	6	1.2	0	-
Indiana	904	17	1.9	55	6.1	536	59.3	283	31.3	13	1.4	0	-
Jefferson	475	12	2.5	17	3.6	264	55.6	177	37.3	5	1.1	0	-

(Continued)

Table B-20
Resident Live Births by Birth Weight and County
Number and Percent*: Pennsylvania, 1999

		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	%
Juniata	285	6	2.1	16	5.6	136	47.7	121	42.5	6	2.1	0	-
Lackawanna	2,116	33	1.6	134	6.3	1,109	52.4	791	37.4	49	2.3	0	-
Lancaster	6,778	81	1.2	323	4.8	3,172	46.8	3,057	45.1	141	2.1	4	0.1
Lawrence	1,014	17	1.7	76	7.5	504	49.7	405	39.9	12	1.2	0	-
Lebanon	1,426	20	1.4	71	5.0	692	48.5	616	43.2	27	1.9	0	-
Lehigh	3,750	57	1.5	265	7.1	1,976	52.7	1,401	37.4	50	1.3	1	0.0
Luzerne	3,028	36	1.2	174	5.7	1,557	51.4	1,199	39.6	62	2.0	0	-
Lycoming	1,345	14	1.0	75	5.6	663	49.3	568	42.2	25	1.9	0	-
Mckean	538	4	0.7	44	8.2	270	50.2	211	39.2	9	1.7	0	-
Mercer	1,345	16	1.2	70	5.2	679	50.5	546	40.6	33	2.5	1	0.1
Mifflin	618	6	1.0	17	2.8	301	48.7	275	44.5	19	3.1	0	-
Monroe	1,355	18	1.3	88	6.5	678	50.0	514	37.9	25	1.8	32	2.4
Montgomery	9,214	129	1.4	505	5.5	4,509	48.9	3,867	42.0	204	2.2	0	-
Montour	203	4	2.0	10	4.9	96	47.3	91	44.8	2	1.0	0	-
Northampton	2,816	49	1.7	221	7.8	1,465	52.0	1,036	36.8	44	1.6	1	0.0
Northumberland	1,006	13	1.3	58	5.8	516	51.3	397	39.5	22	2.2	0	-
Perry	524	8	1.5	32	6.1	271	51.7	204	38.9	9	1.7	0	-
Philadelphia	21,667	539	2.5	1,919	8.9	12,402	57.2	6,545	30.2	242	1.1	20	0.1
Pike	351	3	0.9	14	4.0	163	46.4	168	47.9	3	0.9	0	-
Potter	216	0	-	11	5.1	108	50.0	95	44.0	2	0.9	0	-
Schuylkill	1,428	20	1.4	88	6.2	797	55.8	504	35.3	18	1.3	1	0.1
Snyder	422	6	1.4	29	6.9	207	49.1	172	40.8	8	1.9	0	-
Somerset	817	5	0.6	64	7.8	438	53.6	294	36.0	16	2.0	0	-
Sullivan	52	0	-	2	3.8	27	51.9	23	44.2	0	-	0	-
Susquehanna	436	3	0.7	22	5.0	208	47.7	197	45.2	6	1.4	0	-
Tioga	388	8	2.1	16	4.1	193	49.7	160	41.2	10	2.6	1	0.3
Union	364	3	0.8	19	5.2	183	50.3	153	42.0	6	1.6	0	-
Venango	659	8	1.2	31	4.7	370	56.1	240	36.4	9	1.4	1	0.2
Warren	477	4	0.8	19	4.0	219	45.9	220	46.1	15	3.1	0	-
Washington	2,088	15	0.7	138	6.6	1,112	53.3	789	37.8	34	1.6	0	-
Wayne	480	4	0.8	28	5.8	242	50.4	193	40.2	10	2.1	3	0.6
Westmoreland	3,582	51	1.4	225	6.3	1,918	53.5	1,346	37.6	41	1.1	1	0.0
Wyoming	328	4	1.2	18	5.5	171	52.1	131	39.9	4	1.2	0	-
York	4,464	57	1.3	290	6.5	2,249	50.4	1,783	39.9	84	1.9	1	0.0

*Percent of total live births for each specified county.

Note: Very low birth weight is defined as 1499 grams and less.
Low birth weight is defined as 2499 grams and less.

Table B-21
Resident Live Births by Birth Weight and County
Number and Percent*: Pennsylvania, Five-Year Summary, 1995-1999

		Birth Weight											
	Total Births	0 - 1499 Grams		1500 - 2499 Grams		2500 - 3499 Grams		3500 - 4499 Grams		4500 Grams and Over		Unknown Weight	
County	1995-99	Number	%	Number	%	Number	%	Number	%	Number	%	Number	%
All Counties	733,139	10,989	1.5	44,866	6.1	381,159	52.0	283,138	38.6	12,510	1.7	477	0.1
Adams	4,905	62	1.3	255	5.2	2,419	49.3	2,096	42.7	71	1.4	2	0.0
Allegheny	74,001	1,203	1.6	4,644	6.3	39,002	52.7	27,990	37.8	1,137	1.5	25	0.0
Armstrong	3,968	62	1.6	229	5.8	2,144	54.0	1,474	37.1	57	1.4	2	0.1
Beaver	9,913	140	1.4	547	5.5	4,949	49.9	4,072	41.1	202	2.0	3	0.0
Bedford	2,847	26	0.9	136	4.8	1,555	54.6	1,091	38.3	39	1.4	0	-
Berks	22,307	312	1.4	1,246	5.6	11,496	51.5	8,890	39.9	358	1.6	5	0.0
Blair	7,325	111	1.5	390	5.3	3,950	53.9	2,784	38.0	85	1.2	5	0.1
Bradford	3,639	41	1.1	163	4.5	1,756	48.3	1,583	43.5	95	2.6	1	0.0
Bucks	36,443	471	1.3	2,000	5.5	17,690	48.5	15,521	42.6	733	2.0	28	0.1
Butler	10,550	126	1.2	526	5.0	5,215	49.4	4,485	42.5	192	1.8	6	0.1
Cambria	7,891	95	1.2	477	6.0	4,341	55.0	2,849	36.1	125	1.6	4	0.1
Cameron	313	3	1.0	13	4.2	173	55.3	120	38.3	4	1.3	0	-
Carbon	2,879	45	1.6	179	6.2	1,540	53.5	1,077	37.4	37	1.3	1	0.0
Centre	6,360	68	1.1	288	4.5	3,313	52.1	2,590	40.7	98	1.5	3	0.0
Chester	27,459	315	1.1	1,375	5.0	12,792	46.6	12,358	45.0	613	2.2	6	0.0
Clarion	2,214	30	1.4	139	6.3	1,211	54.7	803	36.3	30	1.4	1	0.0
Clearfield	4,416	51	1.2	259	5.9	2,395	54.2	1,637	37.1	72	1.6	2	0.0
Clinton	2,178	31	1.4	108	5.0	1,180	54.2	825	37.9	34	1.6	0	-
Columbia	3,143	34	1.1	178	5.7	1,626	51.7	1,259	40.1	46	1.5	0	-
Crawford	5,423	59	1.1	289	5.3	2,811	51.8	2,171	40.0	92	1.7	1	0.0
Cumberland	11,203	113	1.0	506	4.5	5,422	48.4	4,933	44.0	228	2.0	1	0.0
Dauphin	16,015	249	1.6	1,034	6.5	8,403	52.5	6,061	37.8	263	1.6	5	0.0
Delaware	34,617	516	1.5	2,019	5.8	17,408	50.3	13,930	40.2	735	2.1	9	0.0
Elk	2,012	30	1.5	95	4.7	1,048	52.1	812	40.4	27	1.3	0	-
Erie	17,894	265	1.5	1,057	5.9	9,616	53.7	6,730	37.6	226	1.3	0	-
Fayette	8,336	126	1.5	549	6.6	4,633	55.6	2,923	35.1	103	1.2	2	0.0
Forest	187	6	3.2	11	5.9	85	45.5	85	45.5	0	-	0	-
Franklin	7,949	93	1.2	373	4.7	3,754	47.2	3,541	44.5	184	2.3	4	0.1
Fulton	824	10	1.2	32	3.9	417	50.6	349	42.4	15	1.8	1	0.1
Greene	2,122	41	1.9	126	5.9	1,159	54.6	766	36.1	30	1.4	0	-
Huntingdon	2,429	22	0.9	125	5.1	1,289	53.1	941	38.7	52	2.1	0	-
Indiana	4,452	75	1.7	293	6.6	2,597	58.3	1,441	32.4	46	1.0	0	-
Jefferson	2,518	40	1.6	136	5.4	1,423	56.5	886	35.2	32	1.3	1	0.0

(Continued)

Table B-21

Resident Live Births by Birth Weight and County

Number and Percent*: Pennsylvania, Five-Year Summary, 1995-1999

		Birth Weight											
	Total Births	0 - 1499 Grams		1500 - 2499 Grams		2500 - 3499 Grams		3500 - 4499 Grams		4500 Grams and Over		Unknown Weight	
County	1995-99	Number	%	Number	%	Number	%	Number	%	Number	%	Number	%
Juniata	1,444	20	1.4	66	4.6	711	49.2	614	42.5	33	2.3	0	-
Lackawanna	11,041	127	1.2	666	6.0	5,726	51.9	4,306	39.0	209	1.9	7	0.1
Lancaster	32,927	336	1.0	1,478	4.5	15,567	47.3	14,776	44.9	758	2.3	12	0.0
Lawrence	5,325	76	1.4	340	6.4	2,776	52.1	2,038	38.3	94	1.8	1	0.0
Lebanon	7,157	91	1.3	354	4.9	3,616	50.5	2,953	41.3	140	2.0	3	0.0
Lehigh	18,370	295	1.6	1,224	6.7	9,511	51.8	7,063	38.4	270	1.5	7	0.0
Luzerne	15,698	174	1.1	909	5.8	8,040	51.2	6,283	40.0	289	1.8	3	0.0
Lycoming	6,845	72	1.1	365	5.3	3,420	50.0	2,852	41.7	131	1.9	5	0.1
Mckean	2,642	25	0.9	160	6.1	1,378	52.2	1,030	39.0	49	1.9	0	-
Mercer	6,799	81	1.2	398	5.9	3,594	52.9	2,594	38.2	130	1.9	2	0.0
Mifflin	2,984	19	0.6	130	4.4	1,447	48.5	1,318	44.2	70	2.3	0	-
Monroe	7,041	96	1.4	394	5.6	3,550	50.4	2,749	39.0	139	2.0	113	1.6
Montgomery	46,139	589	1.3	2,377	5.2	22,765	49.3	19,392	42.0	1,005	2.2	11	0.0
Montour	1,068	12	1.1	44	4.1	547	51.2	433	40.5	32	3.0	0	-
Northampton	14,095	217	1.5	1,058	7.5	7,376	52.3	5,232	37.1	198	1.4	14	0.1
Northumberland	4,823	52	1.1	272	5.6	2,450	50.8	1,959	40.6	90	1.9	0	-
Perry	2,672	31	1.2	138	5.2	1,357	50.8	1,101	41.2	45	1.7	0	-
Philadelphia	112,453	2,820	2.5	9,878	8.8	64,633	57.5	33,648	29.9	1,342	1.2	132	0.1
Pike	1,732	17	1.0	79	4.6	813	46.9	774	44.7	29	1.7	20	1.2
Potter	1,085	8	0.7	52	4.8	599	55.2	399	36.8	27	2.5	0	-
Schuylkill	7,255	94	1.3	464	6.4	3,955	54.5	2,641	36.4	99	1.4	2	0.0
Snyder	2,159	22	1.0	117	5.4	1,111	51.5	867	40.2	42	1.9	0	-
Somerset	4,137	40	1.0	256	6.2	2,238	54.1	1,537	37.2	65	1.6	1	0.0
Sullivan	265	3	1.1	14	5.3	125	47.2	114	43.0	9	3.4	0	-
Susquehanna	2,326	25	1.1	103	4.4	1,209	52.0	944	40.6	44	1.9	1	0.0
Tioga	2,069	31	1.5	84	4.1	1,085	52.4	831	40.2	36	1.7	2	0.1
Union	1,838	20	1.1	91	5.0	880	47.9	799	43.5	48	2.6	0	-
Venango	3,180	36	1.1	172	5.4	1,730	54.4	1,187	37.3	52	1.6	3	0.1
Warren	2,468	25	1.0	124	5.0	1,141	46.2	1,117	45.3	60	2.4	1	0.0
Washington	11,039	120	1.1	674	6.1	5,707	51.7	4,357	39.5	178	1.6	3	0.0
Wayne	2,556	24	0.9	128	5.0	1,296	50.7	1,048	41.0	53	2.1	7	0.3
Westmoreland	18,893	219	1.2	1,076	5.7	9,985	52.9	7,355	38.9	255	1.3	3	0.0
Wyoming	1,650	15	0.9	85	5.2	835	50.6	687	41.6	27	1.6	1	0.1
York	22,232	286	1.3	1,299	5.8	11,174	50.3	9,067	40.8	401	1.8	5	0.0

*Percent of total live births for each specified county.

Note: Very low birth weight is defined as 1499 grams and less.
Low birth weight is defined as 2499 grams and less.

Table B-22
Resident Live Births by Education of Mother and County
Number and Percent*: Pennsylvania, 1999

		Highest Grade Completed											
	Total	0 - 8		9 - 11		12		13 - 15		16 or More		Unknown	
County	Births	Number	%	Number	%	Number	%	Number	%	Number	%	Number	%
All Counties	144,828	4,096	2.8	16,812	11.6	50,122	34.6	30,457	21.0	39,374	27.2	3,967	2.7
Adams	999	40	4.0	139	13.9	433	43.3	186	18.6	172	17.2	29	2.9
Allegheny	14,442	89	0.6	1,097	7.6	4,080	28.3	3,374	23.4	5,248	36.3	554	3.8
Armstrong	792	17	2.1	77	9.7	341	43.1	219	27.7	131	16.5	7	0.9
Beaver	1,763	6	0.3	161	9.1	620	35.2	478	27.1	455	25.8	43	2.4
Bedford	577	23	4.0	64	11.1	281	48.7	132	22.9	76	13.2	1	0.2
Berks	4,509	167	3.7	710	15.7	1,634	36.2	864	19.2	974	21.6	160	3.5
Blair	1,503	27	1.8	180	12.0	641	42.6	349	23.2	305	20.3	1	0.1
Bradford	761	26	3.4	115	15.1	327	43.0	167	21.9	120	15.8	6	0.8
Bucks	7,313	45	0.6	324	4.4	2,097	28.7	1,758	24.0	2,963	40.5	126	1.7
Butler	2,150	11	0.5	146	6.8	618	28.7	522	24.3	798	37.1	55	2.6
Cambria	1,524	16	1.0	131	8.6	656	43.0	395	25.9	321	21.1	5	0.3
Cameron	58	0	-	7	12.1	29	50.0	18	31.0	4	6.9	0	-
Carbon	589	5	0.8	78	13.2	263	44.7	140	23.8	97	16.5	6	1.0
Centre	1,237	52	4.2	77	6.2	339	27.4	241	19.5	505	40.8	23	1.9
Chester	5,736	191	3.3	311	5.4	1,160	20.2	956	16.7	2,832	49.4	286	5.0
Clarion	418	20	4.8	45	10.8	155	37.1	98	23.4	92	22.0	8	1.9
Clearfield	862	19	2.2	112	13.0	372	43.2	214	24.8	125	14.5	20	2.3
Clinton	413	48	11.6	56	13.6	163	39.5	76	18.4	67	16.2	3	0.7
Columbia	617	18	2.9	78	12.6	230	37.3	145	23.5	146	23.7	0	-
Crawford	1,117	152	13.6	131	11.7	427	38.2	193	17.3	186	16.7	28	2.5
Cumberland	2,251	68	3.0	195	8.7	740	32.9	470	20.9	747	33.2	31	1.4
Dauphin	3,131	78	2.5	430	13.7	1,003	32.0	737	23.5	759	24.2	124	4.0
Delaware	6,815	45	0.7	435	6.4	2,362	34.7	1,290	18.9	2,451	36.0	232	3.4
Elk	376	3	0.8	32	8.5	136	36.2	102	27.1	100	26.6	3	0.8
Erie	3,519	72	2.0	387	11.0	1,358	38.6	615	17.5	725	20.6	362	10.3
Fayette	1,626	22	1.4	302	18.6	725	44.6	342	21.0	228	14.0	7	0.4
Forest	35	1	2.9	3	8.6	18	51.4	9	25.7	2	5.7	2	5.7
Franklin	1,654	72	4.4	213	12.9	761	46.0	338	20.4	266	16.1	4	0.2
Fulton	171	2	1.2	14	8.2	84	49.1	47	27.5	23	13.5	1	0.6
Greene	412	3	0.7	71	17.2	176	42.7	85	20.6	70	17.0	7	1.7
Huntingdon	499	14	2.8	55	11.0	233	46.7	95	19.0	101	20.2	1	0.2
Indiana	904	89	9.8	86	9.5	349	38.6	187	20.7	183	20.2	10	1.1
Jefferson	475	27	5.7	48	10.1	229	48.2	86	18.1	59	12.4	26	5.5

(Continued)

Table B-22
Resident Live Births by Education of Mother and County
Number and Percent*: Pennsylvania, 1999

		Highest Grade Completed											
	Total	0 - 8		9 - 11		12		13 - 15		16 or More		Unknown	
County	Births	Number	%	Number	%	Number	%	Number	%	Number	%	Number	%
Juniata	285	31	10.9	35	12.3	110	38.6	69	24.2	34	11.9	6	2.1
Lackawanna	2,116	25	1.2	272	12.9	787	37.2	469	22.2	519	24.5	44	2.1
Lancaster	6,778	991	14.6	1,024	15.1	2,339	34.5	986	14.5	1,371	20.2	67	1.0
Lawrence	1,014	39	3.8	126	12.4	349	34.4	255	25.1	177	17.5	68	6.7
Lebanon	1,426	66	4.6	237	16.6	635	44.5	223	15.6	261	18.3	4	0.3
Lehigh	3,750	91	2.4	498	13.3	1,335	35.6	800	21.3	982	26.2	44	1.2
Luzerne	3,028	43	1.4	352	11.6	1,157	38.2	755	24.9	713	23.5	8	0.3
Lycoming	1,345	30	2.2	185	13.8	546	40.6	341	25.4	228	17.0	15	1.1
McKean	538	4	0.7	75	13.9	239	44.4	128	23.8	84	15.6	8	1.5
Mercer	1,345	89	6.6	151	11.2	477	35.5	318	23.6	298	22.2	12	0.9
Mifflin	618	120	19.4	65	10.5	253	40.9	115	18.6	61	9.9	4	0.6
Monroe	1,355	8	0.6	145	10.7	528	39.0	311	23.0	326	24.1	37	2.7
Montgomery	9,214	50	0.5	343	3.7	2,048	22.2	1,853	20.1	4,763	51.7	157	1.7
Montour	203	16	7.9	24	11.8	64	31.5	36	17.7	63	31.0	0	-
Northampton	2,816	43	1.5	312	11.1	982	34.9	624	22.2	815	28.9	40	1.4
Northumberland	1,006	36	3.6	137	13.6	443	44.0	220	21.9	163	16.2	7	0.7
Perry	524	20	3.8	68	13.0	224	42.7	114	21.8	84	16.0	14	2.7
Philadelphia	21,667	554	2.6	4,657	21.5	8,128	37.5	4,153	19.2	3,159	14.6	1,016	4.7
Pike	351	1	0.3	38	10.8	139	39.6	88	25.1	78	22.2	7	2.0
Potter	216	1	0.5	39	18.1	90	41.7	44	20.4	40	18.5	2	0.9
Schuylkill	1,428	17	1.2	223	15.6	585	41.0	344	24.1	250	17.5	9	0.6
Snyder	422	76	18.0	54	12.8	151	35.8	77	18.2	61	14.5	3	0.7
Somerset	817	52	6.4	80	9.8	383	46.9	170	20.8	130	15.9	2	0.2
Sullivan	52	0	-	9	17.3	25	48.1	8	15.4	10	19.2	0	-
Susquehanna	436	3	0.7	50	11.5	191	43.8	105	24.1	81	18.6	6	1.4
Tioga	388	9	2.3	45	11.6	169	43.6	87	22.4	76	19.6	2	0.5
Union	364	47	12.9	35	9.6	117	32.1	75	20.6	84	23.1	6	1.6
Venango	659	14	2.1	80	12.1	307	46.6	121	18.4	117	17.8	20	3.0
Warren	477	36	7.5	39	8.2	202	42.3	102	21.4	89	18.7	9	1.9
Washington	2,088	11	0.5	190	9.1	748	35.8	487	23.3	621	29.7	31	1.5
Wayne	480	3	0.6	58	12.1	202	42.1	122	25.4	89	18.5	6	1.2
Westmoreland	3,582	18	0.5	269	7.5	1,163	32.5	971	27.1	1,092	30.5	69	1.9
Wyoming	328	2	0.6	40	12.2	136	41.5	72	22.0	75	22.9	3	0.9
York	4,464	82	1.8	547	12.3	1,830	41.0	886	19.8	1,049	23.5	70	1.6

*Percent of total live births for each specified county.

Table B-23
Resident Live Births by Marital Status of Mother and County
Number and Percent: Pennsylvania, 1999

		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	
County	Births	Number	%*	Number	%**	Number	%**	Number	%*	Number	%***	Number	%***
All Counties	144,828	96,784	66.8	1,491	1.5	95,284	98.5	47,596	32.9	13,311	28.0	34,274	72.0
Adams	999	735	73.6	27	3.7	708	96.3	264	26.4	89	33.7	175	66.3
Allegheny	14,442	9,804	67.9	66	0.7	9,737	99.3	4,631	32.1	1,169	25.2	3,462	74.8
Armstrong	792	564	71.2	14	2.5	550	97.5	228	28.8	63	27.6	165	72.4
Beaver	1,763	1,211	68.7	15	1.2	1,196	98.8	552	31.3	145	26.3	407	73.7
Bedford	577	430	74.5	14	3.3	416	96.7	147	25.5	47	32.0	100	68.0
Berks	4,509	2,954	65.5	62	2.1	2,892	97.9	1,553	34.4	518	33.4	1,035	66.6
Blair	1,503	990	65.9	18	1.8	972	98.2	513	34.1	154	30.0	359	70.0
Bradford	761	474	62.3	22	4.6	452	95.4	237	31.1	84	35.4	153	64.6
Bucks	7,313	6,011	82.2	35	0.6	5,975	99.4	1,293	17.7	339	26.2	954	73.8
Butler	2,150	1,762	82.0	17	1.0	1,744	99.0	388	18.0	108	27.8	279	71.9
Cambria	1,524	1,044	68.5	18	1.7	1,026	98.3	478	31.4	127	26.6	351	73.4
Cameron	58	40	69.0	2	5.0	38	95.0	18	31.0	6	33.3	12	66.7
Carbon	589	388	65.9	7	1.8	381	98.2	199	33.8	58	29.1	141	70.9
Centre	1,237	1,007	81.4	17	1.7	990	98.3	230	18.6	64	27.8	166	72.2
Chester	5,736	4,788	83.5	43	0.9	4,744	99.1	945	16.5	247	26.1	697	73.8
Clarion	418	300	71.8	3	1.0	297	99.0	118	28.2	29	24.6	89	75.4
Clearfield	862	595	69.0	21	3.5	574	96.5	267	31.0	77	28.8	190	71.2
Clinton	413	280	67.8	17	6.1	263	93.9	133	32.2	45	33.8	88	66.2
Columbia	617	432	70.0	9	2.1	423	97.9	185	30.0	54	29.2	131	70.8
Crawford	1,117	796	71.3	24	3.0	772	97.0	321	28.7	108	33.6	213	66.4
Cumberland	2,251	1,788	79.4	30	1.7	1,757	98.3	463	20.6	129	27.9	334	72.1
Dauphin	3,131	1,861	59.4	40	2.1	1,821	97.9	1,270	40.6	351	27.6	916	72.1
Delaware	6,815	4,844	71.1	21	0.4	4,823	99.6	1,969	28.9	505	25.6	1,464	74.4
Elk	376	273	72.6	6	2.2	267	97.8	103	27.4	29	28.2	74	71.8
Erie	3,519	2,098	59.6	31	1.5	2,067	98.5	1,419	40.3	411	29.0	1,008	71.0
Fayette	1,626	994	61.1	50	5.0	944	95.0	632	38.9	215	34.0	417	66.0
Forest	35	20	57.1	2	10.0	18	90.0	15	42.9	4	26.7	11	73.3
Franklin	1,654	1,183	71.5	24	2.0	1,159	98.0	471	28.5	149	31.6	322	68.4
Fulton	171	119	69.6	3	2.5	116	97.5	52	30.4	10	19.2	42	80.8
Greene	412	263	63.8	10	3.8	252	95.8	147	35.7	38	25.9	109	74.1
Huntingdon	499	333	66.7	12	3.6	321	96.4	166	33.3	53	31.9	113	68.1
Indiana	904	678	75.0	20	2.9	658	97.1	226	25.0	64	28.3	162	71.7
Jefferson	475	345	72.6	12	3.5	333	96.5	130	27.4	40	30.8	90	69.2

(Continued)

Table B-23

Resident Live Births by Marital Status of Mother and County

Number and Percent: Pennsylvania, 1999

		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	
County	Births	Number	%*	Number	%**	Number	%**	Number	%*	Number	%***	Number	%***
Juniata	285	226	79.3	8	3.5	218	96.5	59	20.7	14	23.7	45	76.3
Lackawanna	2,116	1,416	66.9	14	1.0	1,402	99.0	699	33.0	214	30.6	485	69.4
Lancaster	6,778	5,203	76.8	90	1.7	5,111	98.2	1,572	23.2	480	30.5	1,091	69.4
Lawrence	1,014	668	65.9	17	2.5	651	97.5	346	34.1	96	27.7	250	72.3
Lebanon	1,426	1,043	73.1	24	2.3	1,019	97.7	383	26.9	132	34.5	251	65.5
Lehigh	3,750	2,461	65.6	42	1.7	2,419	98.3	1,288	34.3	367	28.5	921	71.5
Luzerne	3,028	1,993	65.8	18	0.9	1,975	99.1	1,035	34.2	288	27.8	747	72.2
Lycoming	1,345	822	61.1	14	1.7	808	98.3	523	38.9	155	29.6	368	70.4
McKean	538	302	56.1	10	3.3	292	96.7	209	38.8	58	27.8	151	72.2
Mercer	1,345	945	70.3	21	2.2	924	97.8	400	29.7	114	28.5	286	71.5
Mifflin	618	434	70.2	18	4.1	416	95.9	184	29.8	62	33.7	122	66.3
Monroe	1,355	961	70.9	15	1.6	946	98.4	353	26.1	105	29.7	248	70.3
Montgomery	9,214	7,789	84.5	43	0.6	7,745	99.4	1,420	15.4	379	26.7	1,040	73.2
Montour	203	156	76.8	0	-	156	100.0	46	22.7	15	32.6	31	67.4
Northampton	2,816	1,963	69.7	24	1.2	1,939	98.8	850	30.2	261	30.7	589	69.3
Northumberland	1,006	669	66.5	16	2.4	653	97.6	336	33.4	97	28.9	239	71.1
Perry	524	393	75.0	15	3.8	378	96.2	131	25.0	51	38.9	79	60.3
Philadelphia	21,667	8,154	37.6	164	2.0	7,990	98.0	13,499	62.3	3,602	26.7	9,894	73.3
Pike	351	239	68.1	5	2.1	234	97.9	72	20.5	20	27.8	52	72.2
Potter	216	134	62.0	10	7.5	124	92.5	56	25.9	21	37.5	35	62.5
Schuylkill	1,428	927	64.9	17	1.8	910	98.2	500	35.0	163	32.6	337	67.4
Snyder	422	344	81.5	7	2.0	337	98.0	78	18.5	21	26.9	57	73.1
Somerset	817	615	75.3	17	2.8	598	97.2	201	24.6	54	26.9	147	73.1
Sullivan	52	31	59.6	3	9.7	28	90.3	21	40.4	5	23.8	16	76.2
Susquehanna	436	219	50.2	9	4.1	210	95.9	118	27.1	42	35.6	76	64.4
Tioga	388	214	55.2	8	3.7	206	96.3	110	28.4	24	21.8	86	78.2
Union	364	289	79.4	4	1.4	285	98.6	75	20.6	18	24.0	57	76.0
Venango	659	434	65.9	13	3.0	421	97.0	225	34.1	58	25.8	167	74.2
Warren	477	316	66.2	7	2.2	309	97.8	137	28.7	36	26.3	101	73.7
Washington	2,088	1,547	74.1	29	1.9	1,518	98.1	541	25.9	127	23.5	414	76.5
Wayne	480	348	72.5	3	0.9	345	99.1	123	25.6	43	35.0	80	65.0
Westmoreland	3,582	2,779	77.6	33	1.2	2,746	98.8	803	22.4	202	25.2	601	74.8
Wyoming	328	226	68.9	7	3.1	219	96.9	100	30.5	29	29.0	71	71.0
York	4,464	3,120	69.9	54	1.7	3,066	98.3	1,340	30.0	429	32.0	911	68.0

* Percent of total live births for each county.

** Percent of total live births to married mothers for each county.

***Percent of total live births to unmarried mothers for each county.

Note: Unknown age of mother included in all totals. Unknown marital status included in total births.

Table B-24

Resident Live Births by Trimester of First Prenatal Visit and County

Number and Percent*: Pennsylvania, 1999

		Trimester In Pregnancy								No Prenatal Visits	
	Total	First		Second		Third		Unknown			
County	Births	Number	%	Number	%	Number	%	Number	%	Number	%
All Counties	144,828	118,687	82.0	15,975	11.0	3,387	2.3	5,561	3.8	1,218	0.8
Adams	999	873	87.4	87	8.7	12	1.2	25	2.5	2	0.2
Allegheny	14,442	12,712	88.0	1,004	7.0	208	1.4	405	2.8	113	0.8
Armstrong	792	674	85.1	86	10.9	17	2.1	13	1.6	2	0.3
Beaver	1,763	1,564	88.7	131	7.4	15	0.9	42	2.4	11	0.6
Bedford	577	497	86.1	59	10.2	13	2.3	5	0.9	3	0.5
Berks	4,509	3,112	69.0	926	20.5	249	5.5	198	4.4	24	0.5
Blair	1,503	1,386	92.2	94	6.3	15	1.0	3	0.2	5	0.3
Bradford	761	647	85.0	96	12.6	8	1.1	8	1.1	2	0.3
Bucks	7,313	6,238	85.3	414	5.7	79	1.1	537	7.3	45	0.6
Butler	2,150	1,864	86.7	157	7.3	24	1.1	95	4.4	10	0.5
Cambria	1,524	1,326	87.0	136	8.9	10	0.7	45	3.0	7	0.5
Cameron	58	56	96.6	1	1.7	1	1.7	0	-	0	-
Carbon	589	477	81.0	67	11.4	19	3.2	22	3.7	4	0.7
Centre	1,237	1,018	82.3	137	11.1	26	2.1	55	4.4	1	0.1
Chester	5,736	4,846	84.5	525	9.2	102	1.8	250	4.4	13	0.2
Clarion	418	369	88.3	35	8.4	12	2.9	0	-	2	0.5
Clearfield	862	761	88.3	63	7.3	22	2.6	14	1.6	2	0.2
Clinton	413	331	80.1	54	13.1	15	3.6	12	2.9	1	0.2
Columbia	617	505	81.8	87	14.1	13	2.1	8	1.3	4	0.6
Crawford	1,117	861	77.1	153	13.7	64	5.7	26	2.3	13	1.2
Cumberland	2,251	1,969	87.5	202	9.0	36	1.6	29	1.3	15	0.7
Dauphin	3,131	2,628	83.9	310	9.9	73	2.3	94	3.0	26	0.8
Delaware	6,815	5,703	83.7	653	9.6	144	2.1	258	3.8	57	0.8
Elk	376	353	93.9	17	4.5	3	0.8	3	0.8	0	-
Erie	3,519	2,839	80.7	459	13.0	100	2.8	92	2.6	29	0.8
Fayette	1,626	1,413	86.9	144	8.9	35	2.2	18	1.1	16	1.0
Forest	35	27	77.1	6	17.1	2	5.7	0	-	0	-
Franklin	1,654	1,412	85.4	193	11.7	37	2.2	7	0.4	5	0.3
Fulton	171	151	88.3	13	7.6	6	3.5	0	-	1	0.6
Greene	412	342	83.0	50	12.1	12	2.9	6	1.5	2	0.5
Huntingdon	499	443	88.8	38	7.6	7	1.4	8	1.6	3	0.6
Indiana	904	733	81.1	90	10.0	64	7.1	11	1.2	6	0.7
Jefferson	475	415	87.4	34	7.2	20	4.2	6	1.3	0	-

(Continued)

Table B-24

Resident Live Births by Trimester of First Prenatal Visit and County

Number and Percent*: Pennsylvania, 1999

		Trimester In Pregnancy								No Prenatal Visits	
	Total	First		Second		Third		Unknown			
County	Births	Number	%	Number	%	Number	%	Number	%	Number	%
Juniata	285	232	81.4	39	13.7	11	3.9	1	0.4	2	0.7
Lackawanna	2,116	1,747	82.6	251	11.9	45	2.1	58	2.7	15	0.7
Lancaster	6,778	5,363	79.1	1,073	15.8	157	2.3	157	2.3	28	0.4
Lawrence	1,014	849	83.7	97	9.6	37	3.6	26	2.6	5	0.5
Lebanon	1,426	1,156	81.1	200	14.0	37	2.6	24	1.7	9	0.6
Lehigh	3,750	3,133	83.5	331	8.8	43	1.1	225	6.0	18	0.5
Luzerne	3,028	2,677	88.4	267	8.8	20	0.7	43	1.4	21	0.7
Lycoming	1,345	1,069	79.5	175	13.0	34	2.5	63	4.7	4	0.3
McKean	538	457	84.9	51	9.5	7	1.3	22	4.1	1	0.2
Mercer	1,345	1,065	79.2	194	14.4	63	4.7	17	1.3	6	0.4
Mifflin	618	482	78.0	86	13.9	39	6.3	8	1.3	3	0.5
Monroe	1,355	1,090	80.4	177	13.1	32	2.4	46	3.4	10	0.7
Montgomery	9,214	7,566	82.1	613	6.7	143	1.6	852	9.2	40	0.4
Montour	203	160	78.8	35	17.2	6	3.0	1	0.5	1	0.5
Northampton	2,816	2,426	86.2	259	9.2	39	1.4	74	2.6	18	0.6
Northumberland	1,006	827	82.2	147	14.6	22	2.2	8	0.8	2	0.2
Perry	524	444	84.7	61	11.6	7	1.3	7	1.3	5	1.0
Philadelphia	21,667	15,253	70.4	3,805	17.6	874	4.0	1,203	5.6	532	2.5
Pike	351	294	83.8	41	11.7	10	2.8	6	1.7	0	-
Potter	216	184	85.2	21	9.7	2	0.9	9	4.2	0	-
Schuylkill	1,428	1,278	89.5	103	7.2	21	1.5	16	1.1	10	0.7
Snyder	422	319	75.6	79	18.7	14	3.3	9	2.1	1	0.2
Somerset	817	698	85.4	89	10.9	13	1.6	13	1.6	4	0.5
Sullivan	52	45	86.5	3	5.8	3	5.8	1	1.9	0	-
Susquehanna	436	356	81.7	59	13.5	9	2.1	10	2.3	2	0.5
Tioga	388	331	85.3	43	11.1	5	1.3	8	2.1	1	0.3
Union	364	270	74.2	73	20.1	10	2.7	9	2.5	2	0.5
Venango	659	537	81.5	90	13.7	10	1.5	19	2.9	3	0.5
Warren	477	380	79.7	62	13.0	21	4.4	10	2.1	4	0.8
Washington	2,088	1,832	87.7	159	7.6	36	1.7	52	2.5	9	0.4
Wayne	480	393	81.9	64	13.3	14	2.9	8	1.7	1	0.2
Westmoreland	3,582	3,232	90.2	246	6.9	41	1.1	42	1.2	21	0.6
Wyoming	328	283	86.3	35	10.7	6	1.8	4	1.2	0	-
York	4,464	3,714	83.2	426	9.5	93	2.1	215	4.8	16	0.4

*Percent of total live births for each specified county.

Table B-25
Resident Live Births by Place of Delivery,
Attendant at Birth, and County, Pennsylvania, 1999

County	Total Births	Hospital				Non-Hospital			
		Physician	Midwife	Other	Unknown	Physician	Midwife	Other	Unknown
All Counties	144,828	131,901	8,775	787	68	335	2,737	222	3
Adams	999	856	134	0	0	0	8	1	0
Allegheny	14,442	14,056	158	55	7	28	128	10	0
Armstrong	792	716	47	17	1	0	11	0	0
Beaver	1,763	1,734	2	10	0	2	12	3	0
Bedford	577	543	11	4	0	0	16	3	0
Berks	4,509	3,681	695	8	0	2	115	8	0
Blair	1,503	1,474	7	2	0	0	17	3	0
Bradford	761	641	104	3	0	0	11	2	0
Bucks	7,313	6,977	289	9	0	4	32	2	0
Butler	2,150	1,931	176	17	3	0	16	7	0
Cambria	1,524	1,430	59	25	0	3	4	3	0
Cameron	58	57	1	0	0	0	0	0	0
Carbon	589	544	42	2	1	0	0	0	0
Centre	1,237	1,025	169	2	0	0	39	2	0
Chester	5,736	5,471	70	11	0	19	162	3	0
Clarion	418	381	19	4	0	1	11	2	0
Clearfield	862	841	12	2	0	0	7	0	0
Clinton	413	318	60	1	0	0	34	0	0
Columbia	617	590	18	1	0	0	7	1	0
Crawford	1,117	1,003	22	3	2	2	81	4	0
Cumberland	2,251	1,763	388	9	0	0	79	12	0
Dauphin	3,131	2,695	384	10	0	1	38	3	0
Delaware	6,815	6,372	369	17	0	4	47	6	0
Elk	376	367	2	5	0	0	0	2	0
Erie	3,519	3,344	140	15	2	5	9	4	0
Fayette	1,626	1,597	17	6	3	2	1	0	0
Forest	35	32	1	1	0	0	1	0	0
Franklin	1,654	1,428	111	37	0	1	76	1	0
Fulton	171	157	10	1	0	0	3	0	0
Greene	412	389	16	1	1	1	4	0	0
Huntingdon	499	374	109	3	0	0	12	1	0
Indiana	904	810	20	2	0	2	65	5	0
Jefferson	475	394	58	0	0	0	20	3	0

(Continued)

Table B-25
Resident Live Births by Place of Delivery,
Attendant at Birth, and County, Pennsylvania, 1999

County	Total Births	Hospital				Non-Hospital			
		Physician	Midwife	Other	Unknown	Physician	Midwife	Other	Unknown
Juniata	285	186	65	0	0	0	34	0	0
Lackawanna	2,116	2,086	18	1	1	4	2	3	1
Lancaster	6,778	4,260	1,454	13	0	147	893	11	0
Lawrence	1,014	947	7	17	12	1	26	4	0
Lebanon	1,426	1,310	28	0	2	2	82	2	0
Lehigh	3,750	3,639	87	11	3	1	3	6	0
Luzerne	3,028	3,011	8	0	0	2	5	1	1
Lycoming	1,345	1,068	256	4	0	0	16	1	0
McKean	538	536	0	1	1	0	0	0	0
Mercer	1,345	1,169	72	12	10	10	66	6	0
Mifflin	618	379	135	0	0	0	102	2	0
Monroe	1,355	1,301	37	7	1	0	9	0	0
Montgomery	9,214	8,841	201	61	1	6	95	8	1
Montour	203	160	25	0	0	0	18	0	0
Northampton	2,816	2,754	49	6	0	0	4	3	0
Northumberland	1,006	878	97	3	1	1	25	1	0
Perry	524	396	107	0	0	0	21	0	0
Philadelphia	21,667	20,168	1,287	68	1	68	31	44	0
Pike	351	288	56	0	5	0	0	2	0
Potter	216	210	0	4	0	0	0	2	0
Schuylkill	1,428	1,369	36	2	0	1	18	2	0
Snyder	422	285	60	0	0	0	76	1	0
Somerset	817	324	250	225	0	0	6	12	0
Sullivan	52	49	3	0	0	0	0	0	0
Susquehanna	436	405	13	13	0	1	2	2	0
Tioga	388	367	12	6	0	0	2	1	0
Union	364	261	55	0	0	1	47	0	0
Venango	659	638	5	2	2	0	12	0	0
Warren	477	424	14	1	0	1	33	4	0
Washington	2,088	2,074	10	0	0	0	3	1	0
Wayne	480	381	91	3	1	0	3	1	0
Westmoreland	3,582	3,464	66	36	2	3	7	4	0
Wyoming	328	325	1	0	0	0	1	1	0
York	4,464	3,957	450	8	5	9	29	6	0

Table B-26

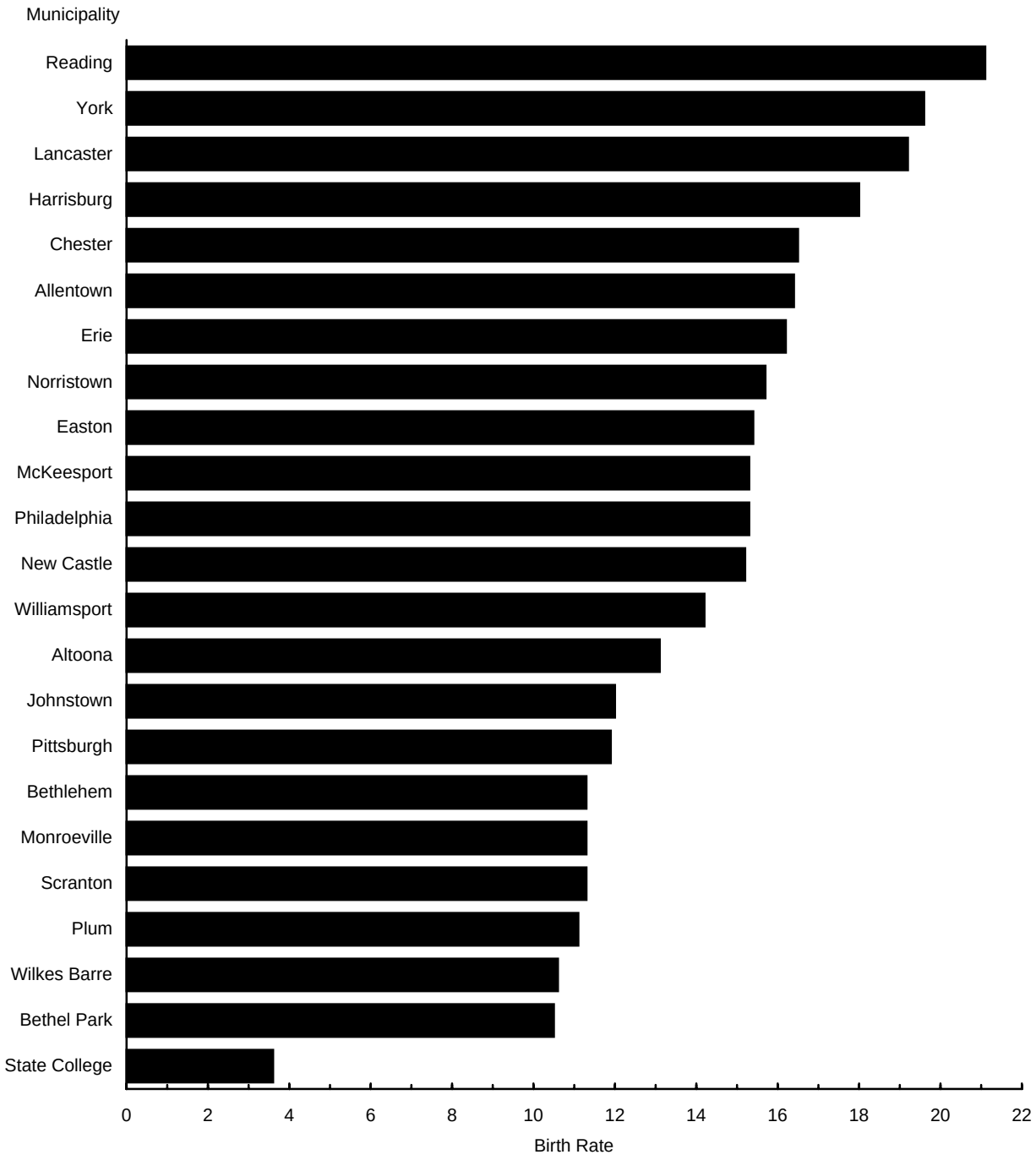
Resident Live Births by Race and Hispanic Origin of Mother for Selected Municipalities, Number and Rate: Pennsylvania, 1999

Municipality	Total Births	Birth Rate*	Race		Hispanic Origin
			White**	Black	
State Total	144,828	12.1	120,726	20,081	7,139
Allentown	1,648	16.4	1,415	175	590
Altoona	649	13.1	629	15	4
Bethel Park	341	10.5	332	6	3
Bethlehem	782	11.3	716	45	251
Chester	663	16.5	95	561	33
Easton	389	15.4	324	60	45
Erie	1,643	16.2	1,266	366	97
Harrisburg	875	18.0	347	496	126
Johnstown	301	12.0	255	42	6
Lancaster	1,011	19.2	804	181	411
McKeesport	347	15.3	223	122	1
Monroeville	312	11.3	255	36	3
New Castle	391	15.2	339	52	1
Norristown	461	15.7	229	204	69
Philadelphia	21,667	15.3	9,185	11,218	2,541
Pittsburgh	4,025	11.9	2,325	1,555	46
Plum	294	11.1	280	8	2
Reading	1,559	21.1	1,350	177	658
Scranton	832	11.3	766	49	48
State College	142	3.6	100	5	3
Wilkes-Barre	449	10.6	401	41	7
Williamsport	424	14.2	361	63	3
York	779	19.6	582	182	164
All Other Areas	104,844	11.3	98,147	4,422	2,027

* Birth rate per 1,000 population for each specified area, 1999.
**Unknown race of mother included in the white category.

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

Figure B-11
Resident Birth Rates for Selected Municipalities
Pennsylvania, 1999



Note: Rate per 1,000 population, 1999. See Table B-26 for corresponding data.

Table B-27

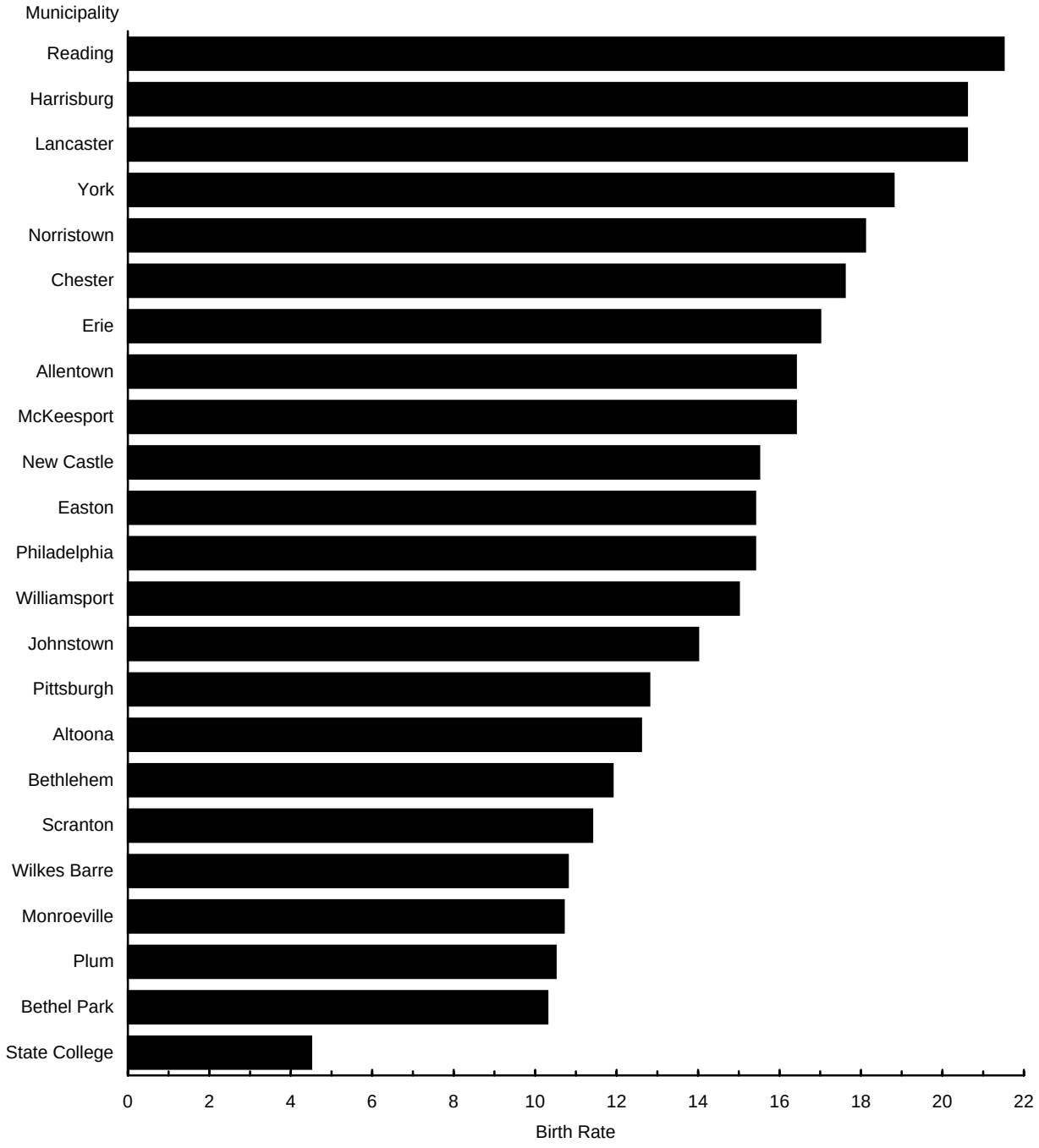
Resident Live Births by Race and Hispanic Origin of Mother
for Selected Municipalities, Number and Average Annual Rate: Pennsylvania, 1995-1999

Municipality	Total Births 1995-99	Birth Rate*	Race White**	Race Black	Hispanic Origin
State Total	733,139	12.2	611,797	102,618	33,871
Allentown	8,322	16.4	7,206	814	2,659
Altoona	3,170	12.6	3,060	82	24
Bethel Park	1,724	10.3	1,677	28	15
Bethlehem	4,172	11.9	3,837	221	1,185
Chester	3,553	17.6	610	2,921	222
Easton	1,979	15.4	1,629	286	215
Erie	8,814	17.0	7,029	1,694	490
Harrisburg	5,109	20.6	2,037	2,851	627
Johnstown	1,803	14.0	1,581	206	24
Lancaster	5,506	20.6	4,490	839	1,995
McKeesport	1,913	16.4	1,253	643	28
Monroeville	1,516	10.7	1,262	152	13
New Castle	2,058	15.5	1,760	287	11
Norristown	2,687	18.1	1,461	1,104	262
Philadelphia	112,453	15.4	48,264	58,001	12,526
Pittsburgh	22,129	12.8	12,995	8,312	246
Plum	1,391	10.5	1,325	46	5
Reading	8,030	21.5	6,950	922	3,373
Scranton	4,331	11.4	4,033	209	183
State College	886	4.5	602	55	22
Wilkes-Barre	2,354	10.8	2,121	198	38
Williamsport	2,292	15.0	1,855	408	19
York	3,795	18.8	2,754	981	792
All Other Areas	523,152	11.3	492,006	21,358	8,897

* Birth rate per 1,000 population for each specified area, 1995-1999.
**Unknown race of mother included in the white category.

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

Figure B-12
Resident Average Annual Birth Rates for Selected Municipalities
Pennsylvania, 1995-1999



Note: Rate per 1,000 population, 1995-1999. See Table B-27 for corresponding data.

Table B-28
Resident Live Births by Age of Mother for Selected Municipalities
Pennsylvania, 1999

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	144,828	275	14,558	30,806	40,315	37,485	17,896	3,335	134	24
Allentown	1,648	3	302	472	429	284	133	25	0	0
Altoona	649	1	87	187	188	134	46	6	0	0
Bethel Park	341	0	10	17	94	133	73	14	0	0
Bethlehem	782	3	122	186	204	175	80	12	0	0
Chester	663	6	164	210	144	84	51	3	1	0
Easton	389	3	66	106	89	90	31	4	0	0
Erie	1,643	7	265	476	458	295	121	19	2	0
Harrisburg	875	5	195	307	193	107	59	7	0	2
Johnstown	301	2	46	112	78	43	16	4	0	0
Lancaster	1,011	2	221	350	225	131	64	14	1	3
McKeesport	347	0	78	109	75	52	30	3	0	0
Monroeville	312	1	17	51	91	94	49	8	1	0
New Castle	391	1	63	137	94	58	34	4	0	0
Norristown	461	2	67	130	125	87	43	7	0	0
Philadelphia	21,667	108	3,658	5,953	5,409	4,081	1,995	446	12	5
Pittsburgh	4,025	21	539	950	1,005	925	488	90	5	2
Plum	294	0	10	30	87	110	48	9	0	0
Reading	1,559	6	364	535	359	203	74	17	0	1
Scranton	832	3	122	203	245	156	85	17	1	0
State College	142	0	7	29	39	48	16	3	0	0
Wilkes Barre	449	1	71	122	117	79	51	8	0	0
Williamsport	424	1	77	139	95	76	32	4	0	0
York	779	10	166	266	190	92	49	6	0	0
All Other Areas	104,844	89	7,841	19,729	30,282	29,948	14,228	2,605	111	11

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

Table B-29
Resident Live Births by Birth Weight for Selected Municipalities
Number and Percent*: Pennsylvania, 1999

		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	144,828	2,305	1.6	9,162	6.3	75,161	51.9	55,656	38.4	2,456	1.7	88	0.1
Allentown	1,648	33	2.0	129	7.8	920	55.8	539	32.7	26	1.6	1	0.1
Altoona	649	12	1.8	38	5.9	359	55.3	234	36.1	6	0.9	0	-
Bethel Park	341	6	1.8	12	3.5	167	49.0	148	43.4	8	2.3	0	-
Bethlehem	782	6	0.8	60	7.7	442	56.5	268	34.3	6	0.8	0	-
Chester	663	19	2.9	77	11.6	402	60.6	161	24.3	4	0.6	0	-
Easton	389	10	2.6	43	11.1	222	57.1	109	28.0	5	1.3	0	-
Erie	1,643	41	2.5	117	7.1	917	55.8	553	33.7	15	0.9	0	-
Harrisburg	875	16	1.8	87	9.9	526	60.1	238	27.2	8	0.9	0	-
Johnstown	301	0	-	23	7.6	175	58.1	101	33.6	1	0.3	1	0.3
Lancaster	1,011	19	1.9	71	7.0	575	56.9	336	33.2	8	0.8	2	0.2
McKeesport	347	8	2.3	31	8.9	182	52.4	123	35.4	3	0.9	0	-
Monroeville	312	3	1.0	21	6.7	162	51.9	114	36.5	11	3.5	1	0.3
New Castle	391	10	2.6	31	7.9	214	54.7	133	34.0	3	0.8	0	-
Norristown	461	12	2.6	32	6.9	254	55.1	158	34.3	5	1.1	0	-
Philadelphia	21,667	539	2.5	1,919	8.9	12,402	57.2	6,545	30.2	242	1.1	20	0.1
Pittsburgh	4,025	106	2.6	315	7.8	2,273	56.5	1,282	31.9	46	1.1	3	0.1
Plum	294	0	-	12	4.1	140	47.6	139	47.3	3	1.0	0	-
Reading	1,559	21	1.3	120	7.7	897	57.5	506	32.5	15	1.0	0	-
Scranton	832	17	2.0	60	7.2	443	53.2	290	34.9	22	2.6	0	-
State College	142	4	2.8	5	3.5	76	53.5	57	40.1	0	-	0	-
Wilkes Barre	449	9	2.0	24	5.3	235	52.3	170	37.9	11	2.4	0	-
Williamsport	424	10	2.4	36	8.5	214	50.5	156	36.8	8	1.9	0	-
York	779	16	2.1	49	6.3	446	57.3	259	33.2	8	1.0	1	0.1
All Other Areas	104,844	1,388	1.3	5,850	5.6	52,518	50.1	43,037	41.0	1,992	1.9	59	0.1

* Percent of total live births for each specified area.

Note: See Technical Notes for criteria used in municipality selection.
Low birth weight is defined as 2499 grams and less.

Table B-30
Resident Live Births by Education of Mother
for Selected Municipalities, Number and Percent*: Pennsylvania, 1999

		Highest Grade Completed											
	Total	0 - 8		9 - 11		12		13 - 15		16 or More		Unknown	
Municipality	Births	Number	%	Number	%	Number	%	Number	%	Number	%	Number	%
State Total	144,828	4,096	2.8	16,812	11.6	50,122	34.6	30,457	21.0	39,374	27.2	3,967	2.7
Allentown	1,648	79	4.8	381	23.1	634	38.5	305	18.5	223	13.5	26	1.6
Altoona	649	5	0.8	98	15.1	289	44.5	136	21.0	120	18.5	1	0.2
Bethel Park	341	0	-	4	1.2	65	19.1	72	21.1	196	57.5	4	1.2
Bethlehem	782	18	2.3	145	18.5	305	39.0	124	15.9	182	23.3	8	1.0
Chester	663	14	2.1	131	19.8	338	51.0	73	11.0	44	6.6	63	9.5
Easton	389	22	5.7	70	18.0	155	39.8	68	17.5	56	14.4	18	4.6
Erie	1,643	43	2.6	261	15.9	661	40.2	251	15.3	245	14.9	182	11.1
Harrisburg	875	29	3.3	243	27.8	306	35.0	164	18.7	65	7.4	68	7.8
Johnstown	301	5	1.7	49	16.3	153	50.8	66	21.9	27	9.0	1	0.3
Lancaster	1,011	43	4.3	277	27.4	415	41.0	151	14.9	99	9.8	26	2.6
McKeesport	347	11	3.2	71	20.5	147	42.4	78	22.5	37	10.7	3	0.9
Monroeville	312	3	1.0	15	4.8	76	24.4	82	26.3	133	42.6	3	1.0
New Castle	391	4	1.0	71	18.2	131	33.5	104	26.6	42	10.7	39	10.0
Norristown	461	16	3.5	84	18.2	191	41.4	81	17.6	73	15.8	16	3.5
Philadelphia	21,667	554	2.6	4,657	21.5	8,128	37.5	4,153	19.2	3,159	14.6	1,016	4.7
Pittsburgh	4,025	39	1.0	482	12.0	1,279	31.8	943	23.4	1,018	25.3	264	6.6
Plum	294	2	0.7	6	2.0	76	25.9	90	30.6	117	39.8	3	1.0
Reading	1,559	113	7.2	466	29.9	555	35.6	202	13.0	99	6.4	124	8.0
Scranton	832	17	2.0	171	20.6	330	39.7	156	18.8	137	16.5	21	2.5
State College	142	0	-	4	2.8	14	9.9	20	14.1	101	71.1	3	2.1
Wilkes Barre	449	14	3.1	85	18.9	183	40.8	105	23.4	59	13.1	3	0.7
Williamsport	424	5	1.2	100	23.6	149	35.1	111	26.2	51	12.0	8	1.9
York	779	32	4.1	198	25.4	326	41.8	111	14.2	75	9.6	37	4.7
All Other Areas	104,844	3,028	2.9	8,743	8.3	35,216	33.6	22,811	21.8	33,016	31.5	2,030	1.9

* Percent of total live births for each specified area.

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

Table B-31

Resident Live Births by Marital Status of Mother

For Selected Municipalities, Number and Percent: Pennsylvania, 1999

		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	
Municipality	Births	Number	%*	Number	%**	Number	%**	Number	%*	Number	%***	Number	%***
State Total	144,828	96,784	66.8	1,491	1.5	95,284	98.5	47,596	32.9	13,311	28.0	34,274	72.0
Allentown	1,648	768	46.6	36	4.7	732	95.3	879	53.3	268	30.5	611	69.5
Altoona	649	399	61.5	7	1.8	392	98.2	250	38.5	81	32.4	169	67.6
Bethel Park	341	316	92.7	1	0.3	315	99.7	25	7.3	9	36.0	16	64.0
Bethlehem	782	442	56.5	10	2.3	432	97.7	340	43.5	115	33.8	225	66.2
Chester	663	124	18.7	5	4.0	119	96.0	539	81.3	165	30.6	374	69.4
Easton	389	176	45.2	5	2.8	171	97.2	211	54.2	64	30.3	147	69.7
Erie	1,643	774	47.1	15	1.9	759	98.1	867	52.8	257	29.6	610	70.4
Harrisburg	875	223	25.5	6	2.7	217	97.3	652	74.5	194	29.8	456	69.9
Johnstown	301	147	48.8	5	3.4	142	96.6	153	50.8	43	28.1	110	71.9
Lancaster	1,011	366	36.2	20	5.5	344	94.0	642	63.5	203	31.6	438	68.2
McKeesport	347	121	34.9	7	5.8	114	94.2	226	65.1	71	31.4	155	68.6
Monroeville	312	241	77.2	3	1.2	238	98.8	71	22.8	15	21.1	56	78.9
New Castle	391	199	50.9	10	5.0	189	95.0	192	49.1	54	28.1	138	71.9
Norristown	461	206	44.7	7	3.4	199	96.6	255	55.3	62	24.3	193	75.7
Philadelphia	21,667	8,154	37.6	164	2.0	7,990	98.0	13,499	62.3	3,602	26.7	9,894	73.3
Pittsburgh	4,025	1,983	49.3	16	0.8	1,966	99.1	2,037	50.6	542	26.6	1,495	73.4
Plum	294	252	85.7	0	-	252	100.0	42	14.3	10	23.8	32	76.2
Reading	1,559	564	36.2	31	5.5	533	94.5	994	63.8	339	34.1	655	65.9
Scranton	832	447	53.7	7	1.6	440	98.4	385	46.3	118	30.6	267	69.4
State College	142	119	83.8	5	4.2	114	95.8	23	16.2	2	8.7	21	91.3
Wilkes Barre	449	219	48.8	1	0.5	218	99.5	230	51.2	71	30.9	159	69.1
Williamsport	424	194	45.8	6	3.1	188	96.9	230	54.2	72	31.3	158	68.7
York	779	284	36.5	14	4.9	270	95.1	492	63.2	162	32.9	330	67.1
All Other Areas	104,844	80,066	76.4	1,110	1.4	78,950	98.6	24,362	23.2	6,792	27.9	17,565	72.1

* Percent of total live births for each specified area.

** Percent of total live births to married mothers for each specified area.

*** Percent of total live births to unmarried mothers for each specified area.

Note: Unknown age of mother included in all totals. Unknown marital status included in total births.
See Technical Notes for criteria used in municipality selection.

Table B-32

Resident Live Births by Trimester of First Prenatal Visit
For Selected Municipalities, Number and Percent*: Pennsylvania, 1999

Municipality	Total Births	Trimester In Pregnancy: First Number	First %	Second Number	Second %	Third Number	Third %	Unknown Number	Unknown %	No Prenatal Visits Number	No Prenatal Visits %
State Total	144,828	118,687	82.0	15,975	11.0	3,387	2.3	5,561	3.8	1,218	0.8
Allentown	1,648	1,245	75.5	210	12.7	29	1.8	151	9.2	13	0.8
Altoona	649	594	91.5	45	6.9	5	0.8	2	0.3	3	0.5
Bethel Park	341	316	92.7	15	4.4	2	0.6	8	2.3	0	-
Bethlehem	782	657	84.0	85	10.9	8	1.0	30	3.8	2	0.3
Chester	663	384	57.9	180	27.1	35	5.3	39	5.9	25	3.8
Easton	389	287	73.8	70	18.0	10	2.6	17	4.4	5	1.3
Erie	1,643	1,235	75.2	270	16.4	62	3.8	58	3.5	18	1.1
Harrisburg	875	626	71.5	152	17.4	40	4.6	43	4.9	14	1.6
Johnstown	301	236	78.4	45	15.0	3	1.0	16	5.3	1	0.3
Lancaster	1,011	858	84.9	80	7.9	18	1.8	44	4.4	11	1.1
McKeesport	347	299	86.2	28	8.1	7	2.0	7	2.0	6	1.7
Monroeville	312	277	88.8	23	7.4	1	0.3	9	2.9	2	0.6
New Castle	391	322	82.4	42	10.7	14	3.6	10	2.6	3	0.8
Norristown	461	318	69.0	84	18.2	35	7.6	21	4.6	3	0.7
Philadelphia	21,667	15,253	70.4	3,805	17.6	874	4.0	1,203	5.6	532	2.5
Pittsburgh	4,025	3,336	82.9	382	9.5	104	2.6	155	3.9	48	1.2
Plum	294	277	94.2	8	2.7	1	0.3	7	2.4	1	0.3
Reading	1,559	786	50.4	480	30.8	151	9.7	130	8.3	12	0.8
Scranton	832	633	76.1	144	17.3	23	2.8	25	3.0	7	0.8
State College	142	112	78.9	19	13.4	4	2.8	7	4.9	0	-
Wilkes Barre	449	380	84.6	54	12.0	2	0.4	8	1.8	5	1.1
Williamsport	424	333	78.5	56	13.2	12	2.8	22	5.2	1	0.2
York	779	562	72.1	127	16.3	27	3.5	59	7.6	4	0.5
All Other Areas	104,844	89,361	85.2	9,571	9.1	1,920	1.8	3,490	3.3	502	0.5

*Percent of total live births for each specified area.

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

LIST OF DATA TABLES AND ILLUSTRATIONS

MORTALITY DATA TABLES **PAGE**

Table C-1 Resident Deaths, Live Births, Fetal, Infant, Neonatal, and Maternal Deaths: Pennsylvania, 1950-1999 95

Table C-2 Rates for Deaths, Live Births, Fetal, Infant, Neonatal, and Maternal Deaths: Pennsylvania and United States, 1950-1999 96

Table C-3 Resident Deaths by Age Group, Number and Rate: Pennsylvania, 1999, 1990, 1980, 1970, 1960, 1950 99

Table C-4A Resident Deaths by Age and Sex, Total Number and Rate: Pennsylvania, 1999 100

Table C-4B Resident Deaths by Age and Sex – White Race, Number and Rate: Pennsylvania, 1999 100

Table C-4C Resident Deaths by Age and Sex – Black Race, Number and Rate: Pennsylvania, 1999 101

Table C-4D Resident Deaths by Age and Sex – Hispanic Origin, Number and Rate: Pennsylvania, 1999 101

Table C-5 Age-Adjusted Death Rates by Sex, Pennsylvania Residents, 1970-1999 102

Table C-6 Age-Adjusted Death Rates by Race, Pennsylvania Residents, 1980-1999 103

Table C-7A Infant, Neonatal, and Postneonatal Deaths by Race and Hispanic Origin, Pennsylvania Residents, 1980-1999 104

Table C-7B Infant, Neonatal, and Postneonatal Death Rates by Race and Hispanic Origin, Pennsylvania Residents, 1980-1999 104

Table C-8 Leading Causes of Death, Pennsylvania Residents, 1999, 1990, 1980, 1970, 1960, 1950 106

Table C-9 Median Age at Death by Race and Sex, Pennsylvania Residents, 1980-1999 108

Table C-10 Median Age at Death for Selected Leading Causes by Race and Sex, Pennsylvania Residents, 1999 109

Table C-11A Selected Causes of Death by Age Group, Number and Rank: Pennsylvania Residents, 1999 110

Table C-11B Selected Causes of Death by Age Group - Males, Number and Rank: Pennsylvania Residents, 1999 111

Table C-11C Selected Causes of Death by Age Group - Females, Number and Rank: Pennsylvania Residents, 1999 112

LIST OF DATA TABLES AND ILLUSTRATIONS

MORTALITY DATA TABLES (CONTINUED) **PAGE**

Table C-11D Selected Causes of Death by Age Group - White Race, Number and Rank: Pennsylvania Residents, 1999 113

Table C-11E Selected Causes of Death by Age Group - Black Race, Number and Rank: Pennsylvania Residents, 1999 114

Table C-12A Resident Death Rates for Selected Causes of Death by Age Group, Pennsylvania, 1999 115

Table C-12B Resident Death Rates for Selected Causes of Death by Age Group, Males, Pennsylvania, 1999 116

Table C-12C Resident Death Rates for Selected Causes of Death by Age Group, Females, Pennsylvania, 1999 117

Table C-12D Resident Death Rates for Selected Causes of Death by Age Group, White Race, Pennsylvania, 1999 118

Table C-12E Resident Death Rates for Selected Causes of Death by Age Group, Black Race, Pennsylvania, 1999 119

Table C-13 Age-Adjusted Death Rates for Selected Causes of Death, Pennsylvania Residents, 1999 and Average Annual, 1995-1999 120

Table C-14 Resident Deaths by Cause, Number and Rate: Pennsylvania, 1999 121

Table C-15 Resident Infant Deaths by Cause and Age at Death, Number and Rate: Pennsylvania, 1999 130

Table C-16 Resident Fetal Deaths by Cause, Number and Rate: Pennsylvania, 1999 135

Table C-17A Deaths Due to Diseases of Heart, Number and Rate: Pennsylvania and United States, 1950-1999 136

Table C-17B Resident Diseases of Heart Deaths by Type and Sex, Number and Percent: Pennsylvania, 1999 137

Table C-18A Malignant Neoplasm Deaths, Number and Rate: Pennsylvania and United States, 1950-1999 138

Table C-18B Resident Malignant Neoplasm Deaths by Site and Age, Males, Pennsylvania, 1999 139

Table C-18C Resident Malignant Neoplasm Deaths by Site and Age, Females, Pennsylvania, 1999 140

Table C-18D Resident Malignant Neoplasm Deaths by Site and Race, Males, Number and Rate: Pennsylvania, 1999 141

LIST OF DATA TABLES AND ILLUSTRATIONS

MORTALITY DATA TABLES (CONTINUED) **PAGE**

Table C-18E Resident Malignant Neoplasm Deaths by Site and Race, Females, Number and Rate: Pennsylvania, 1999 142

Table C-19A Deaths Due to Accidents, Number and Rate: Pennsylvania and United States, 1950-1999 143

Table C-19B Resident Deaths Due to Accidents by Type and Age, Pennsylvania, 1999 144

Table C-19C Resident Deaths Due to Accidents by Type and Sex, Number and Percent: Pennsylvania, 1999 144

Table C-20 Cerebrovascular Disease Deaths, Number and Rate: Pennsylvania and United States, 1950-1999 146

Table C-21 Influenza and Pneumonia Deaths, Number and Rate: Pennsylvania and United States, 1950-1999 147

Table C-22A Intentional Self-harm (Suicide) Deaths, Number and Rate: Pennsylvania and United States, 1950-1999 148

Table C-22B Resident Intentional Self-harm (Suicide) Deaths by Age, Race, and Sex, Pennsylvania, 1999 149

Table C-23A Deaths Due to HIV Disease, Number and Rate: Pennsylvania and United States, 1987-1999 150

Table C-23B Resident Deaths Due to HIV Disease by Age, Race, and Sex, Pennsylvania, 1999 151

Table C-24A Assault (Homicide) Deaths, Number and Rate: Pennsylvania and United States, 1950-1999 152

Table C-24B Resident Assault (Homicide) Deaths by Age, Race, and Sex, Pennsylvania, 1999 153

Table C-25 Resident Live Births, All Deaths, Infant, Neonatal, and Fetal Deaths by County, Number and Rate: Pennsylvania, 1999 154

Table C-26 Resident Deaths, Infant, and Neonatal Deaths by County, Number and Average Annual Rate: Pennsylvania, 1995-1999 155

Table C-27 Age-Adjusted Death Rates by Sex and County, Pennsylvania Residents, 1999 158

Table C-28 Average Annual Age-Adjusted Death Rates by Sex and County, Pennsylvania Residents, 1995-1999 159

Table C-29 Average Annual Age-Adjusted Death Rates for Selected Causes of Death by County, Pennsylvania Residents, 1995-1999 160

Table C-30 Resident Deaths by Age Group and County, Pennsylvania, 1999 164

LIST OF DATA TABLES AND ILLUSTRATIONS

MORTALITY DATA TABLES (CONTINUED) **PAGE**

Table C-31 Resident Deaths by Sex, Race and County, Pennsylvania, 1999 166

Table C-32 Selected Causes of Death by County, Pennsylvania Residents, 1999 168

Table C-33 Selected Causes of Death by County, Number and Average Annual Rate: Pennsylvania Residents, 1995-1999 173

Table C-34 Resident Live Births, All Deaths, Infant, Neonatal, and Fetal Deaths for Selected Municipalities, Number and Rate: Pennsylvania, 1999 174

Table C-35 Resident Deaths, Infant, and Neonatal Deaths for Selected Municipalities, Number and Average Annual Rate: Pennsylvania, 1995-1999 176

Table C-36 Resident Deaths by Age Group for Selected Municipalities, Pennsylvania, 1999 179

Table C-37 Resident Deaths by Race and Hispanic Origin for Selected Municipalities, Pennsylvania, 1999 180

Table C-38 Resident Infant Deaths by Race and Hispanic Origin for Selected Municipalities, Pennsylvania, 1999 181

Table C-39 Selected Causes of Death for Selected Municipalities, Pennsylvania Residents, 1999 182

Table C-40 Selected Causes of Death for Selected Municipalities, Number and Average Annual Rate: Pennsylvania Residents, 1995-1999 187

MORTALITY DATA ILLUSTRATIONS **PAGE**

Figure C-1 Crude Death Rates, Pennsylvania and United States, 1950-1999 97

Figure C-2 Infant and Neonatal Death Rates, Pennsylvania and United States, 1950-1999 97

Figure C-3 Vital Events Summary Chart, Pennsylvania Residents, 1999 98

Figure C-4 Resident Deaths, Percent by Age Group, Pennsylvania, 1950,1960, 1970, 1980, 1990, and 1999 99

Figure C-5 Age-Adjusted Death Rates by Sex, Pennsylvania Residents, 1970-1999 102

Figure C-6 Age-Adjusted Death Rates by Race, Pennsylvania, 1980-1999 103

Figure C-7A Resident Infant, Neonatal, and Postneonatal Death Rates, Pennsylvania, 1980-1999 105

LIST OF DATA TABLES AND ILLUSTRATIONS

MORTALITY DATA ILLUSTRATIONS (CONTINUED) **PAGE**

Figure C-7B Resident Infant Death Rates by Race and Hispanic Origin, Pennsylvania, 1980-1999 105

Figure C-8 Resident Deaths, Percent by Five Leading Causes, Pennsylvania, 1999 and 1950 107

Figure C-9 Median Age at Death by Race and Sex, Pennsylvania Residents, 1980-1999 108

Figure C-10 Diseases of Heart Death Rates, Pennsylvania and United States, 1950-1999 136

Figure C-11 Resident Diseases of Heart Deaths, Percent by Type, Pennsylvania, 1999 137

Figure C-12 Malignant Neoplasm Death Rates, Pennsylvania and United States, 1950-1999 138

Figure C-13 Resident Malignant Neoplasm Deaths, Males, Percent by Site, Pennsylvania, 1999 139

Figure C-14 Resident Malignant Neoplasm Deaths, Females, Percent by Site, Pennsylvania, 1999 140

Figure C-15 Resident Malignant Neoplasm Death Rates by Site and Race, Males, Pennsylvania, 1999 141

Figure C-16 Resident Malignant Neoplasm Death Rates by Site and Race, Females, Pennsylvania, 1999 142

Figure C-17 Accidents Death Rates, Pennsylvania and United States, 1950-1999 143

Figure C-18 Resident Deaths Due to Accidents, Percent by Age Group, Pennsylvania, 1999 145

Figure C-19 Resident Deaths Due to Accidents, Percent by Type, Pennsylvania, 1999 145

Figure C-20 Cerebrovascular Disease Death Rates, Pennsylvania and United States, 1950-1999 146

Figure C-21 Influenza and Pneumonia Death Rates, Pennsylvania and United States, 1950-1999 147

Figure C-22 Intentional Self-harm (Suicide) Death Rates, Pennsylvania and United States, 1950-1999 148

Figure C-23 Resident Intentional Self-harm (Suicide) Deaths, Percent by Age Group, Pennsylvania, 1999 149

Figure C-24 HIV Disease Death Rates, Pennsylvania and United States, 1987-1999 150

Figure C-25 Resident Deaths Due to HIV Disease, Percent by Age Group, Pennsylvania, 1999 151

LIST OF DATA TABLES AND ILLUSTRATIONS

MORTALITY DATA ILLUSTRATIONS (CONTINUED) **PAGE**

Figure C-26 Assault (Homicide) Death Rates, Pennsylvania and United States, 1950-1999 152

Figure C-27 Resident Assault (Homicide) Deaths, Percent by Age Group, Pennsylvania, 1999 153

Figure C-28 State Map: Resident Crude Death Rates by County, Pennsylvania, 1999 156

Figure C-29 State Map: Resident Average Annual Crude Death Rates by County, Pennsylvania, 1995-1999 156

Figure C-30 State Map: Resident Average Annual Infant Death Rates by County, Pennsylvania, 1995-1999 157

Figure C-31 State Map: Resident Average Annual Neonatal Death Rates by County, Pennsylvania, 1995-1999 157

Figure C-32 State Map: Average Annual Age-Adjusted Death Rates for Diseases of Heart by County, Pennsylvania Residents, 1995-1999 161

Figure C-33 State Map: Average Annual Age-Adjusted Death Rates for Malignant Neoplasms by County, Pennsylvania Residents, 1995-1999 161

Figure C-34 State Map: Average Annual Age-Adjusted Death Rates for Cerebrovascular Disease by County, Pennsylvania Residents, 1995-1999 162

Figure C-35 State Map: Average Annual Age-Adjusted Death Rates for Chronic Lower Respiratory Disease by County, Pennsylvania Residents, 1995-1999 162

Figure C-36 State Map: Average Annual Age-Adjusted Death Rates for Accidents by County, Pennsylvania Residents, 1995-1999 163

Figure C-37 State Map: Average Annual Age-Adjusted Death Rates for Diabetes Mellitus by County, Pennsylvania Residents, 1995-1999 163

Figure C-38 Resident Crude Death Rates for Selected Municipalities, Pennsylvania, 1999 175

Figure C-39 Resident Average Annual Crude Death Rates for Selected Municipalities, Pennsylvania, 1995-1999 177

Figure C-40 Resident Average Annual Infant Death Rates for Selected Municipalities, Pennsylvania, 1995-1999 178

Table C-1
Resident Deaths, Live Births, Fetal, Infant, Neonatal, and Maternal Deaths: Pennsylvania, 1950-1999

Year	Total Deaths Number	Live Births Number	Fetal Deaths Number	Infant Deaths Number	Neonatal Deaths Number	Maternal Deaths Number
1999	129,430	144,828	2,066	1,025	723	11
1998	126,312	145,606	2,191	1,056	745	12
1997	127,414	143,967	2,021	1,090	758	10
1996	128,028	147,890	2,120	1,145	796	10
1995	126,524	150,848	2,355	1,164	797	10
1994	126,761	156,431	2,468	1,272	851	8
1993	125,595	159,666	2,569	1,357	915	12
1992	122,759	163,523	2,824	1,467	978	10
1991	121,581	167,726	2,900	1,520	991	12
1990	121,081	171,053	2,926	1,627	1,077	11
1989	122,956	168,108	2,789	1,696	1,171	13
1988	125,337	165,169	3,184	1,615	1,092	8
1987	124,986	162,348	3,212	1,654	1,164	8
1986	123,852	160,336	3,026	1,628	1,084	14
1985	123,233	160,001	3,015	1,734	1,201	11
1984	121,358	156,799	3,141	1,634	1,129	12
1983	121,066	157,810	3,198	1,764	1,229	10
1982	118,450	161,561	3,193	1,853	1,320	8
1981	119,612	160,179	3,061	1,902	1,357	7
1980	123,233	158,670	3,455	2,095	1,529	12
1979	117,097	157,533	3,608	2,118	1,548	12
1978	119,279	151,438	4,034	2,031	1,540	19
1977	118,853	153,415	4,058	2,137	1,608	19
1976	120,882	148,004	4,349	2,276	1,746	26
1975	120,459	148,942	3,848	2,423	1,855	10
1974	122,943	151,458	4,372	2,584	2,013	11
1973	126,483	153,272	4,229	2,607	1,980	21
1972	127,136	163,110	3,768	2,912	2,244	20
1971	126,597	180,939	4,079	3,314	2,548	36
1970	126,564	192,154	4,495	3,879	3,027	40
1969	126,704	185,046	3,668	3,865	3,003	37
1968	130,802	185,729	3,539	4,015	3,154	33
1967	125,494	188,706	3,589	4,158	3,261	48
1966	126,820	195,869	3,765	4,323	3,354	50
1965	125,670	204,105	3,922	4,737	3,592	44
1964	123,845	218,515	4,258	5,029	3,869	62
1963	126,199	221,537	4,329	5,178	3,979	69
1962	122,989	226,393	4,398	5,370	4,135	60
1961	120,543	240,172	4,646	5,639	4,357	71
1960	121,163	241,099	4,525	5,921	4,557	76
1959	119,206	246,615	4,666	6,145	4,725	71
1958	118,360	249,810	4,901	6,360	4,918	86
1957	118,734	254,997	4,977	6,240	4,785	78
1956	114,578	248,019	4,861	6,086	4,667	90
1955	113,458	242,591	4,939	5,962	4,649	94
1954	108,783	245,521	4,931	6,123	4,686	103
1953	112,574	239,206	4,321	6,147	4,640	132
1952	111,156	239,964	4,584	6,273	4,589	147
1951	111,426	235,074	4,596	6,117	4,618	151
1950	110,212	221,635	4,418	6,126	4,578	170

Table C-2

Rates* for Deaths, Live Births, Fetal, Infant, Neonatal, and Maternal Deaths: Pennsylvania and United States, 1950-1999

	Total Death Rate		Live Birth Rate		Fetal Death Rate		Infant Death Rate		Neonatal Death Rate		Maternal Death Rate	
Year	PA	U.S.	PA	U.S.	PA	U.S.	PA	U.S.	PA	U.S.	PA	U.S.
1999	10.8	8.8 **	12.1	14.5	14.1	***	7.1	7.1 **	5.0	NA	0.8	NA
1998	10.5	8.6	12.1	14.6	14.8	***	7.3	7.2	5.1	4.8	0.8	0.7
1997	10.6	8.6	12.0	14.5	13.8	***	7.6	7.2	5.3	4.8	0.7	0.8
1996	10.6	8.7	12.3	14.7	14.1	***	7.7	7.3	5.4	4.8	0.7	0.8
1995	10.5	8.8	12.5	14.8	15.4	***	7.7	7.6	5.3	4.9	0.7	0.7
1994	10.5	8.8	13.0	15.2	15.5	***	8.1	8.0	5.4	5.1	0.5	0.8
1993	10.4	8.8	13.3	15.5	15.8	***	8.5	8.4	5.7	5.3	0.8	0.8
1992	10.2	8.5	13.6	15.9	17.0	***	9.0	8.5	6.0	5.4	0.6	0.8
1991	10.2	8.6	14.0	16.3	17.0	***	9.1	8.9	5.9	5.6	0.7	0.8
1990	10.2	8.6	14.4	16.7	16.8	***	9.5	9.2	6.3	5.8	0.6	0.8
1989	10.2	8.7	14.0	16.4	16.3	***	10.1	9.8	7.0	6.2	0.8	0.8
1988	10.4	8.8	13.8	16.0	18.9	***	9.8	10.0	6.6	6.3	0.5	0.8
1987	10.5	8.7	13.6	15.7	19.4	***	10.2	10.1	7.2	6.5	0.5	0.7
1986	10.4	8.7	13.5	15.6	18.5	***	10.2	10.4	6.8	6.7	0.9	0.7
1985	10.4	8.7	13.5	15.8	18.5	***	10.8	10.6	7.5	7.0	0.7	0.8
1984	10.2	8.6	13.2	15.6	19.6	***	10.4	10.8	7.2	7.0	0.8	0.8
1983	10.2	8.6	13.3	15.6	19.9	***	11.2	11.2	7.8	7.3	0.6	0.8
1982	10.0	8.5	13.6	15.9	19.4	***	11.5	11.5	8.2	7.7	0.5	0.8
1981	10.1	8.6	13.5	15.8	18.8	***	11.9	11.9	8.5	8.0	0.4	0.9
1980	10.4	8.8	13.4	15.9	21.3	***	13.2	12.6	9.6	8.5	0.8	0.9
1979	10.0	8.5	13.4	15.6	22.4	***	13.4	13.1	9.8	8.9	0.8	1.0
1978	10.2	8.7	12.9	15.0	25.9	***	13.4	13.8	10.2	9.5	1.3	1.0
1977	10.0	8.6	13.0	15.1	25.8	***	13.9	14.1	10.4	9.9	1.2	1.1
1976	10.2	8.8	12.5	14.6	28.5	***	15.4	15.2	11.8	10.9	1.8	1.2
1975	10.2	8.8	12.6	14.6	25.2	***	16.3	16.1	12.5	11.6	0.7	1.3
1974	10.4	9.1	12.8	14.8	28.1	***	17.1	16.7	13.3	12.3	0.7	1.5
1973	10.6	9.3	12.9	14.8	26.9	***	17.0	17.7	12.9	13.0	1.4	1.5
1972	10.7	9.4	13.7	15.6	22.6	***	17.9	18.5	13.8	13.6	1.2	1.9
1971	10.7	9.3	15.1	17.2	22.0	***	18.3	19.1	14.1	14.2	2.0	1.9
1970	10.7	9.5	16.3	18.4	22.9	***	20.2	20.0	15.8	15.1	2.1	2.2
1969	10.7	9.5	15.7	17.9	19.4	***	20.9	20.9	16.2	15.6	2.0	2.2
1968	11.1	9.7	15.8	17.6	18.7	***	21.6	21.8	17.0	16.1	1.8	2.5
1967	10.8	9.4	16.2	17.8	18.7	***	22.0	22.4	17.3	16.5	2.5	2.8
1966	10.9	9.5	16.8	18.4	18.9	***	22.1	23.7	17.1	17.2	2.5	2.9
1965	10.9	9.4	17.7	19.4	18.9	***	23.2	24.7	17.6	17.7	2.2	3.2
1964	10.8	9.4	19.1	21.1	19.1	***	23.0	24.8	17.7	17.9	2.8	3.3
1963	11.0	9.6	19.4	21.7	19.2	***	23.4	25.2	17.5	18.2	3.1	3.6
1962	10.8	9.5	19.9	22.4	19.1	***	23.7	25.3	18.2	18.3	2.7	3.5
1961	10.5	9.3	20.9	23.3	19.0	***	23.5	25.3	18.1	18.4	3.0	3.7
1960	10.7	9.5	21.3	23.7	18.4	***	24.6	26.0	18.9	18.7	3.2	3.7
1959	10.5	9.4	21.8	24.2	18.6	***	24.9	26.4	19.2	19.0	2.9	3.7
1958	10.7	9.5	22.5	24.5	19.2	***	25.5	27.1	19.7	19.5	3.4	3.8
1957	10.6	9.6	22.8	25.3	19.1	***	24.5	26.3	18.8	19.1	3.1	4.1
1956	10.3	9.4	22.3	25.2	19.2	***	24.5	26.0	18.8	18.9	3.6	4.1
1955	10.2	9.3	21.8	25.0	20.0	***	24.6	26.4	19.2	19.1	3.9	4.7
1954	10.0	9.2	22.5	25.3	19.7	***	24.9	26.6	19.1	19.1	4.2	5.2
1953	10.4	9.6	22.1	25.1	17.7	***	25.7	27.8	19.4	19.6	5.5	6.1
1952	10.4	9.6	22.4	25.1	18.7	***	26.1	28.4	19.1	19.8	6.1	6.8
1951	10.5	9.7	22.2	24.9	19.2	***	26.0	28.4	19.6	20.0	6.4	7.5
1950	10.5	9.6	21.1	24.1	19.5	***	27.6	29.2	20.6	20.5	7.7	8.3

* Total death and live birth rates per 1,000 population. Fetal death rate per 1,000 deliveries (live births + fetal deaths). Infant and neonatal death rates per 1,000 live births. Maternal death rate per 10,000 live births.

** Provisional data.

***Comparable United States fetal death rates are not available.

NA=Data not available.

Figure C-1
Crude Death Rates
Pennsylvania and United States, 1950-1999

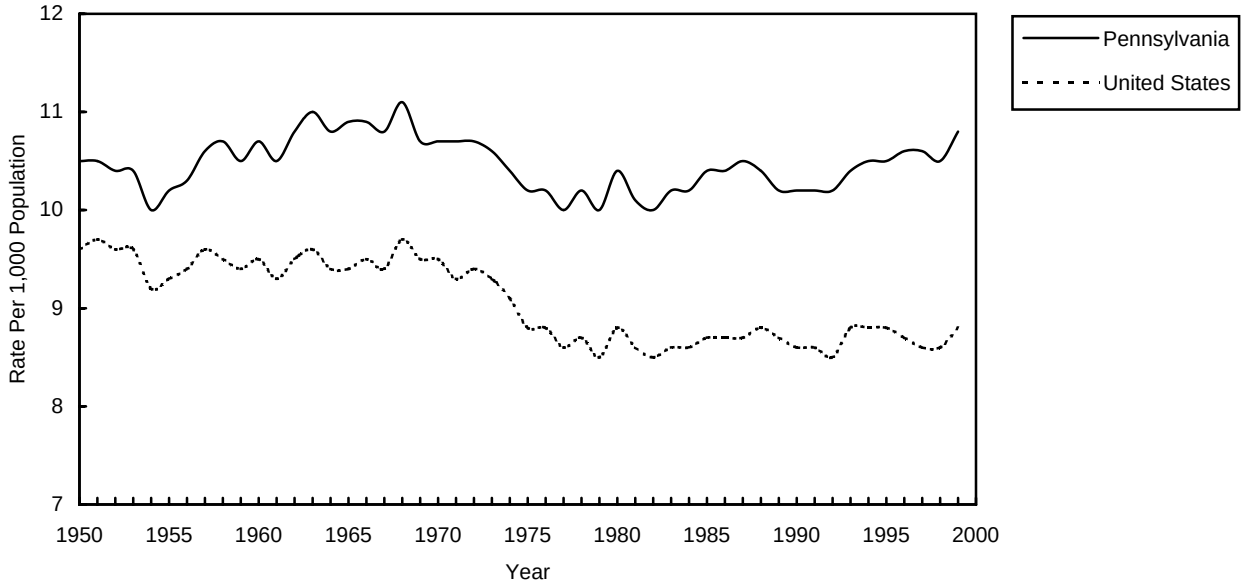


Figure C-2
Infant and Neonatal Death Rates
Pennsylvania and United States, 1950-1999

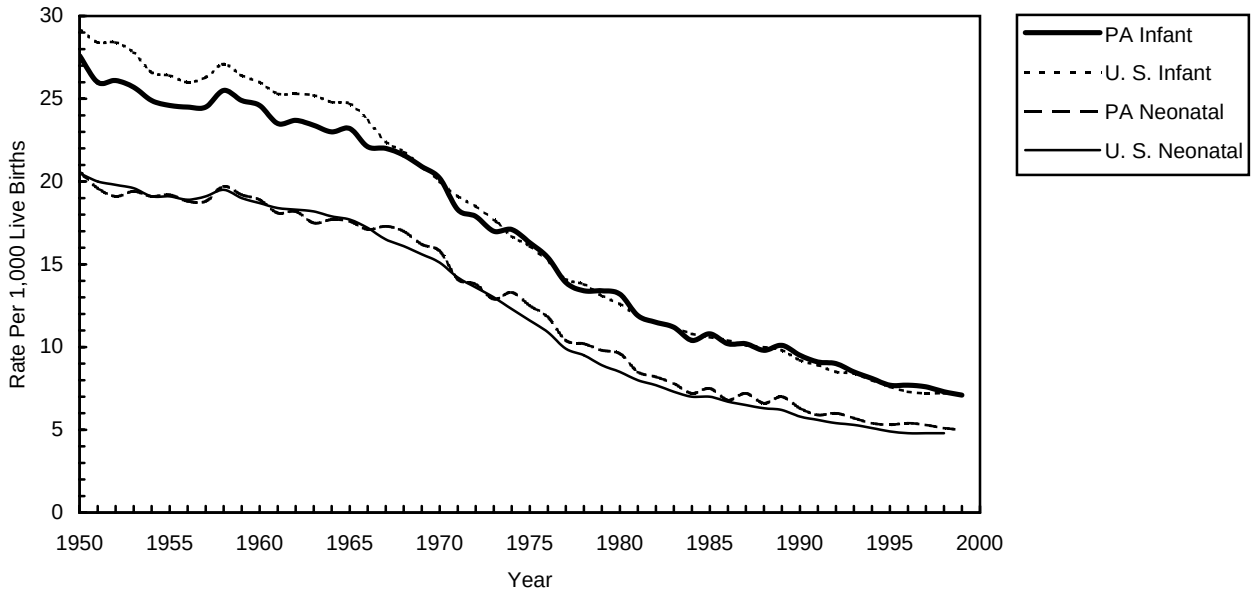


Figure C-3 Revised

Vital Events Summary Chart

The following figures represent an average day of vital events in 1999 for Pennsylvania residents:

Estimated Population as of July 1, 1999	11,994,016

	Number Per Day
Live Births	396
Deaths	354
Abortions	90

By Age at Death*	Number Per Day
Less than 28 days	2
28-364 days	1
1-19 years	3
20-34 years	6
35-49 years	18
50-64 years	42
65-74 years	67
75 and over	214

By Cause of Death*	Number Per Day
Diseases of Heart	113
Cancer	82
Cerebrovascular Disease	23
Chronic Lower Respiratory Disease	17
Accidents	12
Nontransport Accidents	8
Motor Vehicle Accidents	4
Diabetes Mellitus	10
Influenza & Pneumonia	8
Nephritis, Nephrotic Syndrome & Nephrosis	7
Septicemia	7
Alzheimer's Disease	6
Intentional Self-harm (Suicide)	3
Chronic Liver Disease and Cirrhosis	3
All Other Causes	61

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

Table C-3
Resident Deaths by Age Group, Number and Rate*:
Pennsylvania, 1999, 1990, 1980, 1970, 1960, 1950

Age Group	1999		1990		1980		1970		1960		1950	
(In Years)	Number	Rate	Number	Rate	Number	Rate	Number	Rate	Number	Rate	Number	Rate
All Ages	129,430	10.8	121,081	10.2	123,233	10.4	126,564	10.7	121,163	10.7	110,212	10.5
Under 5	1,203	1.6	1,914	2.4	2,435	3.3	4,430	4.8	6,746	5.7	7,107	6.9
5 - 9	150	0.2	164	0.2	222	0.3	468	0.4	482	0.4	459	0.5
10 - 14	142	0.2	164	0.2	229	0.2	424	0.4	378	0.4	392	0.5
15 - 19	533	0.6	538	0.7	879	0.8	945	0.9	588	0.7	645	0.9
20 - 24	734	0.9	785	0.9	1,251	1.2	1,104	1.3	620	1.0	961	1.2
25 - 29	685	0.9	1,048	1.1	1,058	1.1	863	1.2	674	1.0	1,187	1.4
30 - 34	951	1.1	1,328	1.3	1,069	1.3	934	1.5	1,026	1.3	1,499	1.8
35 - 39	1,514	1.7	1,478	1.6	1,154	1.7	1,398	2.2	1,809	2.2	2,109	2.6
40 - 44	2,254	2.5	1,870	2.3	1,573	2.7	2,625	3.5	2,829	3.6	3,244	4.5
45 - 49	2,966	3.5	2,409	3.7	2,714	4.5	4,372	5.6	4,464	6.0	4,632	7.3
50 - 54	3,841	5.2	3,191	5.7	4,868	7.0	6,630	9	6,354	9.8	6,514	10.9
55 - 59	4,944	7.9	5,092	9.2	7,826	11.0	9,412	14.3	8,488	14.9	9,235	17.2
60 - 64	6,407	11.8	8,991	14.8	11,226	17.7	12,115	21.6	11,863	24.1	11,760	26.0
65 - 69	9,672	19.6	12,893	21.8	14,379	26.8	14,393	32.6	15,255	35.4	13,617	37.6
70 - 74	15,003	32.9	16,270	33.9	16,533	40.6	16,871	48.3	17,124	52.6	14,282	57.5
75 - 79	19,734	51.6	18,619	51.5	17,174	60.9	18,313	74.3	16,437	79.8	13,466	86.9
80 - 84	21,668	77.8	17,990	79.6	16,393	93.7	15,772	109.5	13,483	127.4	10,565	128.3
85 + **	37,029	128.6	26,337	153.3	22,250	171.2	15,495	169.2	12,543	206.5	8,538	217.1

* Rate per 1,000 population in each age group.
**Unknown age included in the 85+ age group.

Figure C-4
Resident Deaths, Percent by Age Group
Pennsylvania, 1950, 1960, 1970, 1980, 1990, and 1999

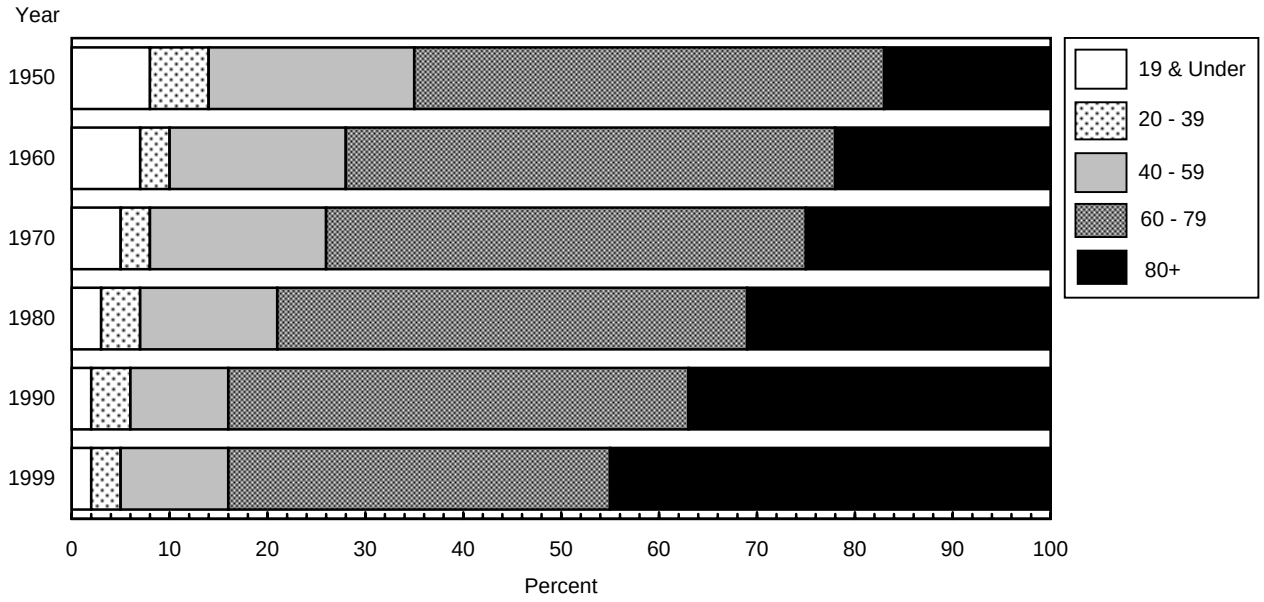


Table C-4A
Resident Deaths by Age and Sex, Number and Rate*:
Pennsylvania, 1999

Age Group	Total		Male**		Female	
(In Years)	Number	Rate	Number	Rate	Number	Rate
All Ages	129,430	10.8	61,404	10.6	68,026	10.9
Under 5	1,203	1.6	654	1.7	549	1.5
5 - 9	150	0.2	80	0.2	70	0.2
10 - 14	142	0.2	93	0.2	49	0.1
15 - 19	533	0.6	380	0.9	153	0.4
20 - 24	734	0.9	559	1.4	175	0.4
25 - 29	685	0.9	491	1.3	194	0.5
30 - 34	951	1.1	638	1.5	313	0.8
35 - 39	1,514	1.7	944	2.1	570	1.3
40 - 44	2,254	2.5	1,450	3.3	804	1.8
45 - 49	2,966	3.5	1,831	4.4	1,135	2.6
50 - 54	3,841	5.2	2,352	6.6	1,489	3.9
55 - 59	4,944	7.9	2,968	9.9	1,976	6.1
60 - 64	6,407	11.8	3,761	14.8	2,646	9.1
65 - 69	9,672	19.6	5,519	25.2	4,153	15.1
70 - 74	15,003	32.9	8,296	43.5	6,707	25.3
75 - 79	19,734	51.6	10,064	67.4	9,670	41.5
80 - 84	21,668	77.8	9,729	96.1	11,939	67.4
85 + ***	37,029	128.6	11,595	125.9	25,434	129.9

* Rate per 1,000 population for each specified age group and sex, 1999.
** Unknown sex included in the male category.
***Unknown age included in the 85+ age group.

Table C-4B
Resident Deaths by Age and Sex - White Race
Number and Rate*: Pennsylvania, 1999

Age Group	Total		Male**		Female	
(In Years)	Number	Rate	Number	Rate	Number	Rate
All Ages	116,849	11.0	55,060	10.7	61,789	11.2
Under 5	810	1.3	460	1.4	350	1.2
5 - 9	119	0.2	61	0.2	58	0.2
10 - 14	110	0.2	71	0.2	39	0.1
15 - 19	423	0.6	291	0.8	132	0.4
20 - 24	549	0.8	404	1.2	145	0.4
25 - 29	514	0.8	370	1.1	144	0.4
30 - 34	695	1.0	463	1.3	232	0.6
35 - 39	1,183	1.5	751	1.9	432	1.1
40 - 44	1,776	2.2	1,163	2.9	613	1.5
45 - 49	2,322	3.1	1,440	3.9	882	2.3
50 - 54	3,143	4.7	1,921	5.9	1,222	3.6
55 - 59	4,143	7.3	2,510	9.2	1,633	5.6
60 - 64	5,500	11.1	3,238	13.8	2,262	8.6
65 - 69	8,476	18.5	4,870	23.9	3,606	14.2
70 - 74	13,552	31.8	7,553	42.2	5,999	24.2
75 - 79	18,155	50.5	9,293	66.2	8,862	40.5
80 - 84	20,385	78.2	9,200	96.9	11,185	67.4
85 + ***	34,994	130.1	11,001	127.7	23,993	131.3

* Rate per 1,000 white population for each specified age group and sex, 1999.
** Unknown sex included in the male category.
***Unknown age included in the 85+ age group.

Note: Unknown race included in the white category.

Table C-4C
Resident Deaths by Age and Sex - Black Race
Number and Rate*: Pennsylvania, 1999

Age Group	Total		Male**		Female	
(In Years)	Number	Rate	Number	Rate	Number	Rate
All Ages	12,083	10.2	6,094	10.8	5,989	9.7
Under 5	375	3.7	187	3.6	188	3.8
5 - 9	27	0.3	18	0.3	9	0.2
10 - 14	31	0.3	22	0.4	9	0.2
15 - 19	103	1.1	84	1.8	19	0.4
20 - 24	179	1.9	152	3.3	27	0.6
25 - 29	162	1.8	116	2.5	46	1.1
30 - 34	241	2.7	166	3.7	75	1.7
35 - 39	319	3.6	185	4.3	134	3.0
40 - 44	461	5.6	279	7.2	182	4.2
45 - 49	611	8.5	375	11.5	236	6.0
50 - 54	667	11.1	410	15.6	257	7.6
55 - 59	759	15.3	430	20.2	329	11.6
60 - 64	864	20.8	497	29.1	367	15.0
65 - 69	1,149	34.4	630	45.8	519	26.5
70 - 74	1,411	50.4	724	64.8	687	40.9
75 - 79	1,522	69.2	751	88.8	771	56.9
80 - 84	1,228	73.3	502	84.1	726	67.2
85 + ***	1,974	111.5	566	104.7	1,408	114.4

* Rate per 1,000 black population for each specified age group and sex, 1999.
** Unknown sex included in the male category.
*** Unknown age included in the 85+ age group.

Table C-4D
Resident Deaths by Age and Sex - Hispanic Origin
Number and Rate*: Pennsylvania, 1999

Age Group	Total		Male**		Female	
(In Years)	Number	Rate	Number	Rate	Number	Rate
All Ages	1,214	3.7	725	4.4	489	3.1
Under 5	73	2.0	36	2.0	37	2.1
5 - 9	6	0.2	1	0.1	5	0.3
10 - 14	3	0.1	2	0.1	1	0.1
15 - 19	25	0.8	21	1.4	4	0.3
20 - 24	62	2.2	48	3.3	14	1.0
25 - 29	41	1.5	35	2.5	6	0.5
30 - 34	41	1.5	27	2.0	14	1.1
35 - 39	51	2.0	35	2.7	16	1.3
40 - 44	63	2.9	44	3.8	19	1.8
45 - 49	68	3.7	50	5.3	18	2.0
50 - 54	92	6.7	58	8.2	34	5.1
55 - 59	72	7.0	47	9.1	25	4.8
60 - 64	89	11.7	59	15.9	30	7.7
65 - 69	93	17.7	51	21.5	42	14.5
70 - 74	113	29.7	62	38.2	51	23.3
75 - 79	100	34.8	58	51.1	42	24.1
80 - 84	90	46.6	41	55.3	49	41.2
85 + ***	132	48.2	50	53.3	82	45.5

* Rate per 1,000 hispanic population for each specified age group and sex, 1999.
** Unknown sex included in the male category.
*** Unknown age included in the 85+ age group.

Note: Hispanic origin can be of any race.

Table C-5
Age-Adjusted Death Rates* by Sex,
Pennsylvania Residents, 1970-1999

Year	Total	Male **	Female
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
1974	12.0	15.5	9.5
1973	12.5	16.1	9.9
1972	12.8	16.3	10.2
1971	12.9	16.3	10.4
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.

Figure C-5
Age-Adjusted Death Rates by Sex
Pennsylvania Residents, 1970-1999

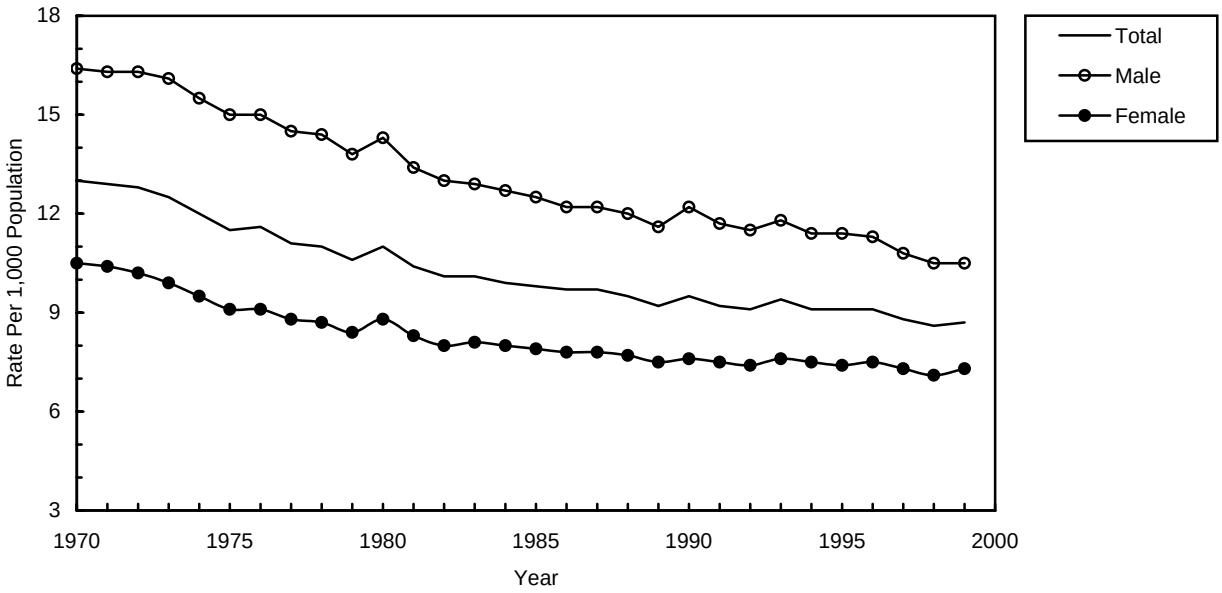


Table C-6
Age-Adjusted Death Rates* by Race,
Pennsylvania Residents, 1980-1999

Year	All Races	White **	Black
1999	8.7	8.4	12.1
1998	8.6	8.3	11.5
1997	8.8	8.5	12.0
1996	9.1	8.8	12.4
1995	9.1	8.8	12.6
1994	9.1	8.8	12.7
1993	9.4	9.0	13.2
1992	9.1	8.8	12.7
1991	9.2	8.9	12.3
1990	9.5	9.2	12.9
1989	9.2	9.0	13.7
1988	9.5	9.3	13.8
1987	9.7	9.4	13.9
1986	9.7	9.4	13.3
1985	9.8	9.6	13.4
1984	9.9	9.7	13.1
1983	10.1	9.9	13.0
1982	10.1	9.9	12.9
1981	10.4	10.2	13.2
1980	11.0	10.8	13.9

* 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.

Figure C-6
Age-Adjusted Death Rates by Race
Pennsylvania Residents, 1980-1999

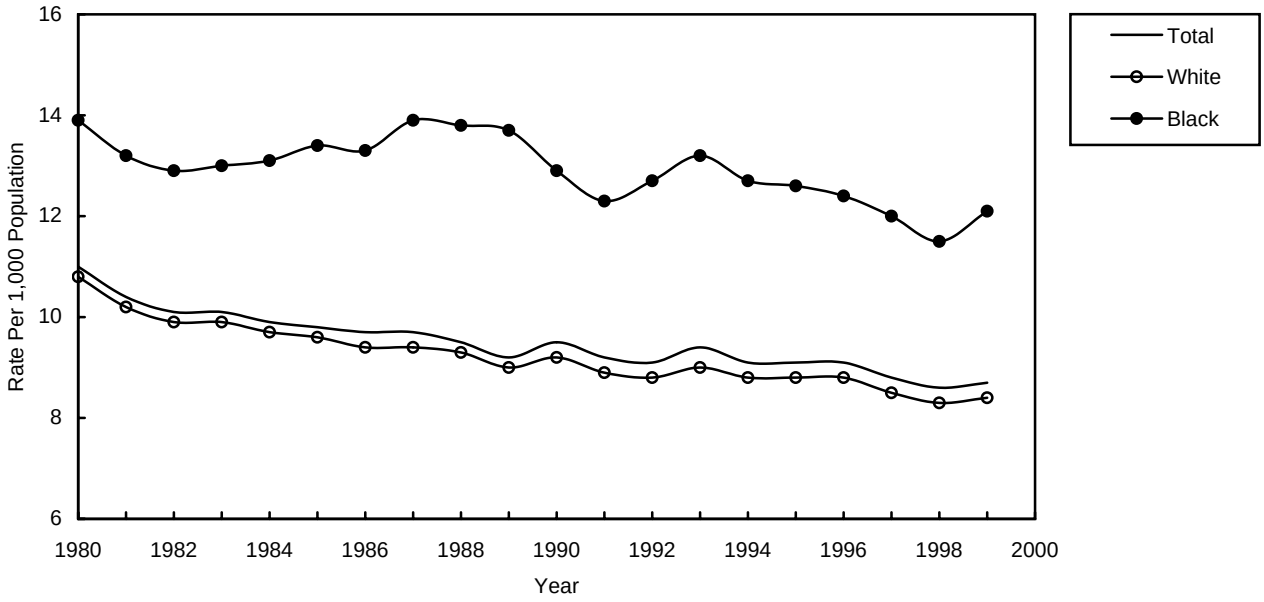


Table C-7A

Infant, Neonatal, and Postneonatal Deaths by Race and Hispanic Origin
Pennsylvania Residents, 1980-1999

	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
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
1989	1,696	1,099	572	66	1,171	784	370	41	525	315	202	25
1988	1,615	1,090	511	***	1,092	747	338	***	523	343	173	***
1987	1,654	1,100	546	***	1,164	790	368	***	490	310	178	***
1986	1,628	1,154	464	***	1,084	764	312	***	544	390	152	***
1985	1,734	1,276	447	***	1,201	896	295	***	533	380	152	***
1984	1,634	1,186	432	***	1,129	822	297	***	505	364	135	***
1983	1,764	1,325	422	***	1,229	932	286	***	535	393	136	***
1982	1,853	1,413	429	***	1,320	1,024	291	***	533	389	138	***
1981	1,902	1,465	431	***	1,357	1,059	296	***	545	406	135	***
1980	2,095	1,620	457	***	1,529	1,204	313	***	566	416	144	***

Table C-7B

Infant, Neonatal, and Postneonatal Death Rates by Race and Hispanic Origin**
Pennsylvania Residents, 1980-1999

	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
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
1989	10.1	7.8	22.8	12.6	7.0	5.6	14.8	7.8	3.1	2.2	8.1	4.8
1988	9.8	7.9	21.4	***	6.6	5.4	14.1	***	3.2	2.5	7.2	***
1987	10.2	8.0	23.9	***	7.2	5.8	16.1	***	3.0	2.3	7.8	***
1986	10.2	8.5	21.1	***	6.8	5.6	14.2	***	3.4	2.9	6.9	***
1985	10.8	9.3	21.4	***	7.5	6.5	14.2	***	3.3	2.8	7.3	***
1984	10.4	8.7	22.7	***	7.2	6.0	15.6	***	3.2	2.7	7.1	***
1983	11.2	9.7	21.9	***	7.8	6.8	14.8	***	3.4	2.9	7.1	***
1982	11.5	10.1	21.9	***	8.2	7.3	14.9	***	3.3	2.8	7.0	***
1981	11.9	10.5	22.3	***	8.5	7.6	15.3	***	3.4	2.9	7.0	***
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.
** 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.

Note: Hispanic origin can be of any race.

Figure C-7A
Resident Infant, Neonatal, and Postneonatal Death Rates, Pennsylvania, 1980-1999

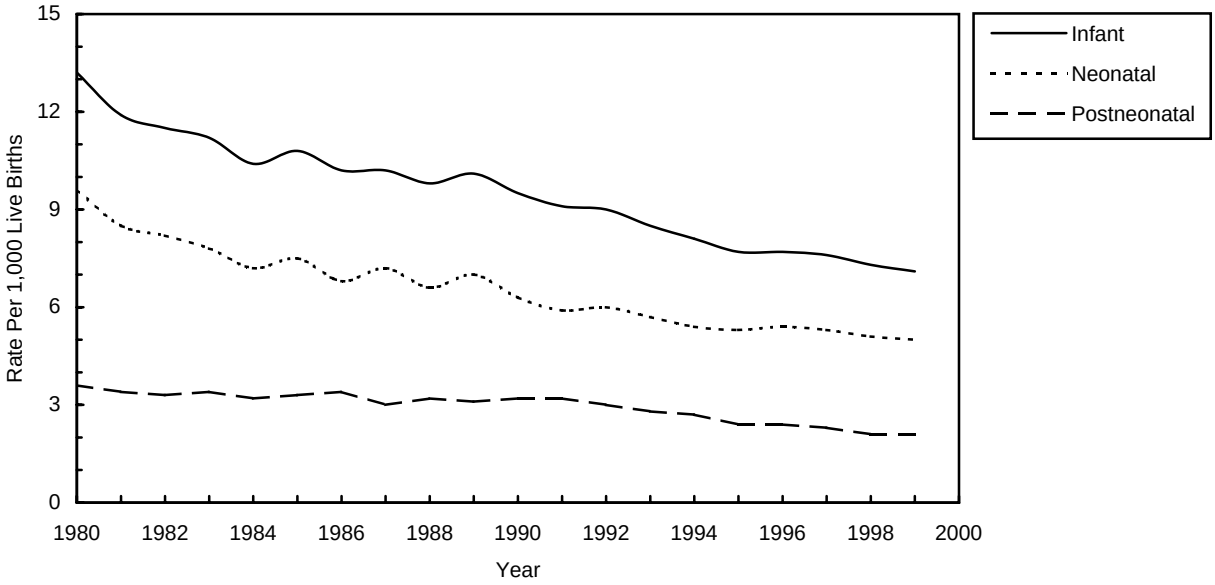


Figure C-7B
Resident Infant Death Rates by Race and Hispanic Origin Pennsylvania, 1980-1999

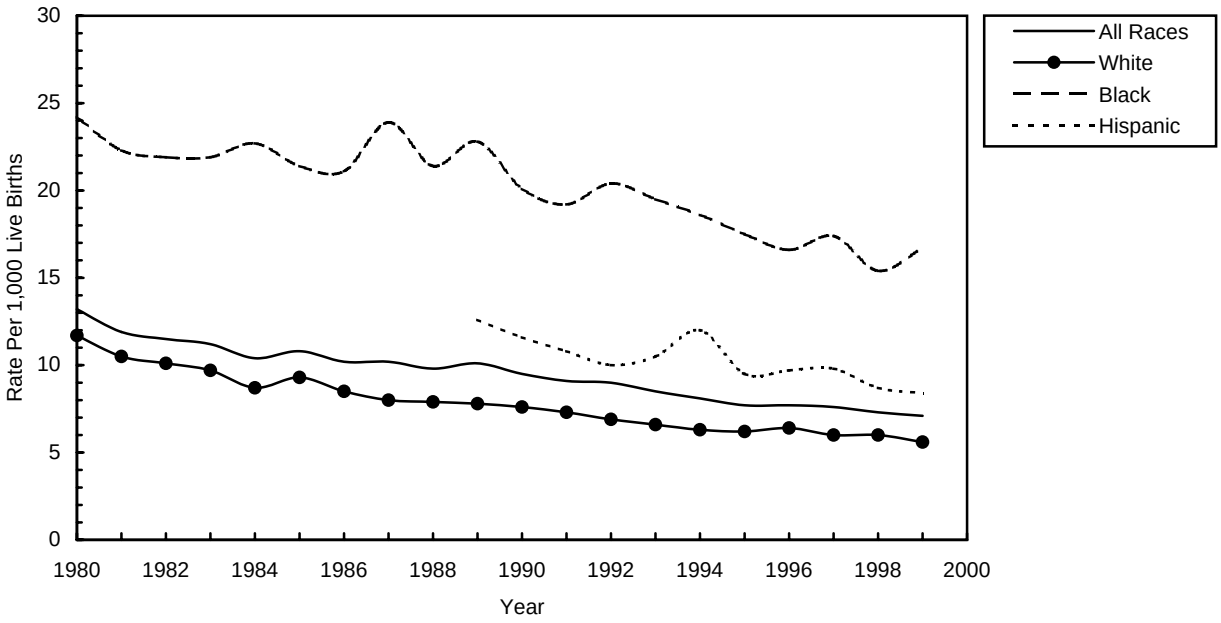


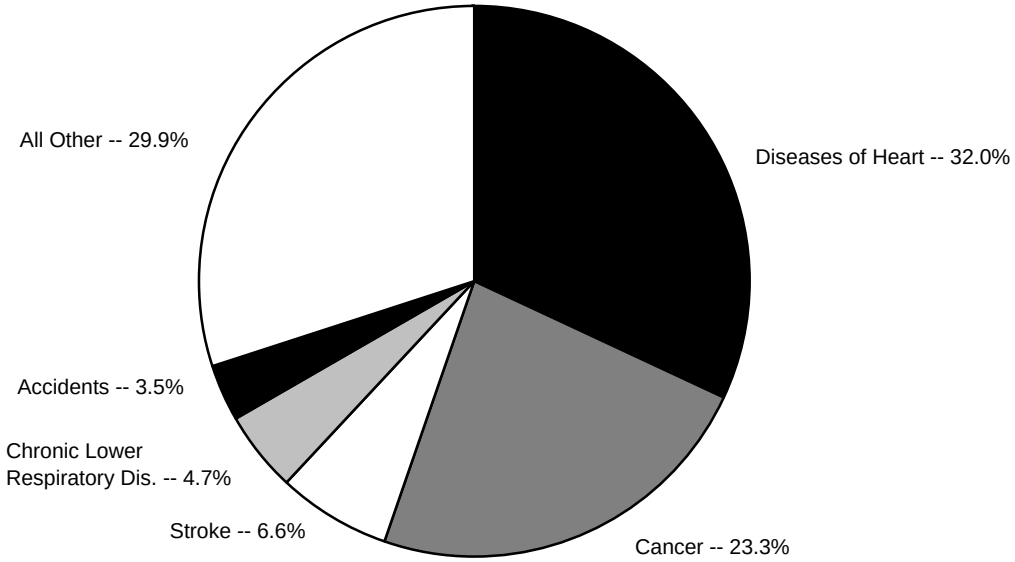
Table C-8
Leading Causes of Death,
Pennsylvania Residents, 1999, 1990, 1980, 1970, 1960, 1950

Cause of Death*	1999		1990		1980		1970		1960		1950	
	Number	Rank	Number	Rank	Number	Rank	Number	Rank	Number	Rank	Number	Rank
All Causes	129,430		121,081		123,233		126,564		121,163		110,212	
Diseases of Heart	41,420	1	43,204	1	50,677	1	52,476	1	51,431	1	43,793	1
Malignant Neoplasms	30,136	2	29,677	2	26,040	2	22,013	2	19,612	2	16,326	2
Cerebrovascular Disease	8,547	3	7,678	3	9,539	3	12,573	3	12,632	3	11,043	3
Chronic Lower Respiratory Disease	6,114	4	4,487	4	3,263	5	**		**		**	
Accidents	4,505	5	4,001	5	4,586	4	5,336	4	4,866	4	5,697	4
Diabetes Mellitus	3,725	6	3,082	7	2,599	7	2,819	6	2,779	8	2,418	10
Influenza and Pneumonia	3,093	7	3,876	6	2,869	6	3,466	5	3,889	5	3,116	6
Nephritis, Nephrotic Syndrome and Nephrosis	2,672	8	1,398	10	1,109		530		938		2,498	8
Septicemia	2,538	9	1,705	8	803		215		121		42	
Alzheimer's Disease	2,184	10	615		**		**		**		**	
Intentional Self-harm (Suicide)	1,272		1,446	9	1,317	10	1,337	10	1,099		1,001	
Chronic Liver Disease and Cirrhosis	1,018		1,232		1,625	9	1,846	9	1,321	9	1,099	
Atherosclerosis	637		756		1,837	8	2,320	8	2,899	7	2,723	7
Perinatal Conditions	570		824		1,194		2,391	7	3,820	6	3,835	5
Congenital Malformations, Deformations and Chromosomal Abnorm.	367		577		661		984		1,266	10	1,177	
Tuberculosis, All Forms	37		74		123		414		902		2,474	9
All Other	20,595		16,449		14,991		17,844		13,588		12,970	

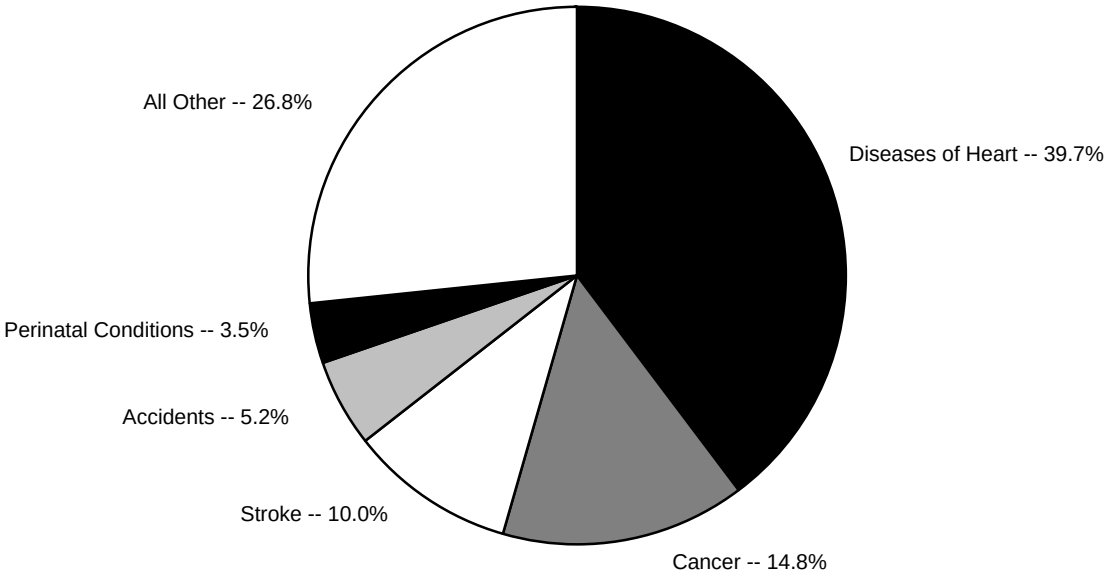
* 1999 data based on the International Classification of Diseases, Tenth Revision.
1990 and 1980 data based on the International Classification of Diseases, Ninth Revision.
1970 data based on the International Classification of Diseases, Eighth Revision.
1960 data based on the International Classification of Diseases, Seventh Revision.
1950 data based on the International Classification of Diseases, Sixth Revision.

**Data not available or comparable.

Figure C-8
Resident Deaths, Percent by Five Leading Causes
Pennsylvania, 1999 and 1950



1999



1950

Table C-9
Median Age at Death by Race and Sex
Pennsylvania Residents, 1980-1999

	Median Age at Death								
	All Races			White*			Black		
Year	Total	Male**	Female	Total	Male**	Female	Total	Male**	Female
1999	78.6	75.4	81.5	79.2	76.1	82.0	70.4	66.0	74.4
1998	78.2	75.2	81.1	78.8	75.9	81.6	70.5	66.4	74.3
1997	77.8	74.5	80.9	78.5	75.4	81.4	69.1	65.0	73.1
1996	77.5	74.3	80.7	78.2	75.0	81.3	68.6	64.5	72.6
1995	77.2	73.9	80.4	77.9	74.8	80.9	68.5	64.1	73.3
1994	76.9	73.6	80.1	77.7	74.4	80.7	67.6	63.6	72.0
1993	76.5	73.3	79.7	77.3	74.2	80.3	68.1	63.9	72.6
1992	76.2	73.1	79.3	76.9	73.9	79.9	67.5	63.9	71.2
1991	76.0	72.9	79.2	76.6	73.7	79.7	67.5	64.1	71.4
1990	75.7	72.6	78.8	76.3	73.4	79.4	67.2	63.8	71.1
1989	75.5	72.4	78.8	76.2	73.1	79.4	67.3	63.8	71.1
1988	75.3	72.3	78.6	75.9	72.9	79.2	67.6	64.6	71.7
1987	74.9	71.9	78.3	75.6	72.5	78.8	67.5	64.9	71.0
1986	74.8	71.9	78.0	75.4	72.5	78.6	67.6	64.9	70.9
1985	74.6	71.5	78.0	75.2	72.1	78.6	67.1	64.6	70.6
1984	74.3	71.4	77.6	74.8	71.9	78.2	67.6	65.2	70.5
1983	74.1	71.1	77.4	74.6	71.6	78.0	67.3	64.7	69.9
1982	73.6	70.7	77.1	74.2	71.2	77.7	66.5	63.9	69.5
1981	73.3	70.4	76.7	73.9	70.9	77.3	66.2	63.4	69.4
1980	73.2	70.3	76.8	73.8	70.8	77.4	65.5	63.4	68.5

* Unknown race included in the white category.
**Unknown sex included in the male category.

Figure C-9
Median Age at Death by Race and Sex
Pennsylvania Residents, 1980-1999

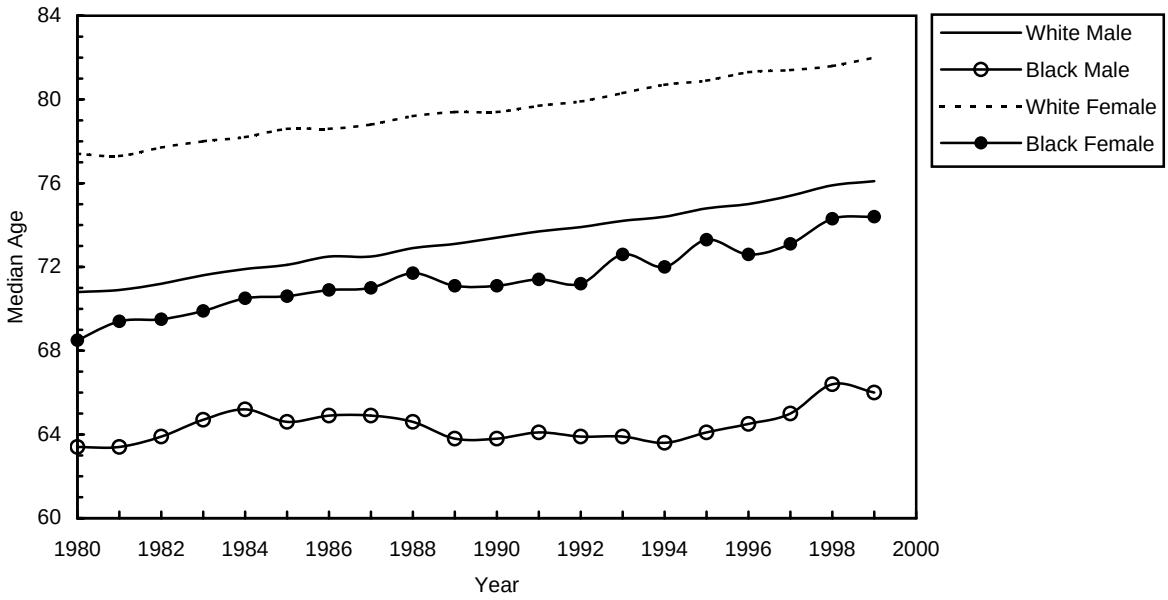


Table C-10 Revised

Median Age at Death for Selected Leading Causes by Race and Sex
Pennsylvania Residents, 1999

	Median Age at Death								
	All Races			White*			Black		
Cause of Death	Total	Male**	Female	Total	Male**	Female	Total	Male**	Female
All Causes	78.6	75.4	81.5	79.2	76.1	82.0	70.4	66.0	74.4
Diseases of Heart	81.2	77.3	84.4	81.7	77.8	84.7	74.6	70.2	78.8
Malignant Neoplasms	74.1	73.2	74.9	74.5	73.6	75.4	70.2	69.8	71.0
Cerebrovascular Disease	83.0	79.6	84.7	83.4	80.1	85.0	77.4	72.9	79.9
Chronic Lower Respiratory Dis.	78.7	78.1	79.5	79.0	78.3	79.7	72.5	70.4	75.1
Accidents	51.0	45.7	72.8	53.1	46.5	74.2	43.7	42.9	47.1
Nontransport Accidents	67.1	51.4	81.3	72.3	54.5	82.0	46.4	45.0	58.0
Motor Vehicle Accidents	38.3	36.6	43.0	38.7	37.2	44.4	36.0	36.3	35.6
Other Transport Accidents	45.6	44.6	57.5	45.9	44.6	61.2	44.8	44.4	54.7
Diabetes Mellitus	77.0	74.5	78.7	77.6	75.0	79.4	70.6	69.5	71.6
Influenza & Pneumonia	84.8	82.3	86.4	84.9	82.7	86.6	78.9	75.2	83.3
Nephritis, Nephrotic Syndrome and Nephrosis	80.3	79.1	81.5	81.0	80.0	82.1	74.3	72.4	76.0
Septicemia	79.9	77.2	82.0	80.8	78.1	82.6	73.1	69.5	78.2
Alzheimer's Disease	86.1	83.8	87.1	86.1	84.0	87.1	85.2	77.2	87.2
Intentional Self-harm (Suicide)	43.2	43.1	43.3	43.5	43.5	43.5	33.7	33.5	42.2
Chronic Liver Dis. and Cirrhosis	65.7	61.7	71.2	67.0	62.8	72.2	54.5	54.5	53.7
Atherosclerosis	86.3	81.4	88.1	86.3	81.6	88.1	83.2	76.7	89.7
Assault (Homicide)	28.2	26.5	33.9	33.0	30.4	35.4	25.6	24.8	31.6
HIV Disease	42.7	44.0	39.6	42.5	43.6	39.5	42.7	44.5	39.6
Pneumoconiosis	82.1	82.1	-	82.1	82.1	-	-	-	-

* Unknown race included in the white category.
**Unknown sex included in the male category.

Note: Median age for categories with 10 deaths or less are not calculated and are indicated with a dash (-) .

Table C-11A

Revised

Selected Causes of Death by Age Group
Number and Rank: Pennsylvania Residents, 1999

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	129,430		1,203		1,559		5,404		18,158		66,077		37,029	
Diseases of Heart	41,420	1	27	4	46	5	724	3	4,805	2	20,914	1	14,904	1
Malignant Neoplasms	30,136	2	23	6	119	4	931	2	6,513	1	18,153	2	4,397	2
Cerebrovascular Disease	8,547	3	4	10	10	10	127	7	629	4	4,261	3	3,516	3
Chronic Lower Respiratory Dis.	6,114	4	1		7		43		616	5	4,013	4	1,434	5
Accidents	4,505	5	83	3	695	1	1,111	1	783	3	1,163	9	670	10
Nontransport Accidents	2,829		63		206		630		473		855		602	
Motor Vehicle Accidents	1,521		16		456		442		274		276		57	
Other Transport Accidents	155		4		33		39		36		32		11	
Diabetes Mellitus	3,725	6	0		11	9	108	9	610	6	2,230	5	766	9
Influenza & Pneumonia	3,093	7	22	7	9		60		183		1,314	7	1,505	4
Nephritis, Nephrotic Syndrome and Nephrosis	2,672	8	5	9	4		42		245	10	1,523	6	853	7
Septicemia	2,538	9	17	8	17	7	78	10	318	9	1,297	8	811	8
Alzheimer's Disease	2,184	10	0		0		0		19		934	10	1,231	6
Intentional Self-harm (Suicide)	1,272		0		170	3	524	4	348	8	197		33	
Chronic Liver Dis. and Cirrhosis	1,018		0		0		112	8	388	7	454		64	
In Situ, Benign, and Uncertain Neoplasms	769		3		12	8	20		80		447		207	
Parkinson's Disease	749		0		1		0		16		467		265	
Essential Hypertension and Hypertensive Renal Disease	743		0		0		11		88		368		276	
Atherosclerosis	637		0		0		1		22		262		352	
Assault (Homicide)	634		27	4	235	2	275	6	64		25		8	
Perinatal Conditions	570		567	1	1		0		2		0		0	
HIV Disease	493		3		9		286	5	178		16		1	
Congenital Malformations, Deformations & Chromosomal Abnormalities	367		176	2	25	6	44		52		48		22	
Anemias	269		1		9		15		29		115		100	
Pneumoconiosis	221		0		0		1		5		147		68	
Disorders of Biliary Tract & Pancreas	203		0		1		12		42		95		53	
Nutritional Deficiencies	202		0		1		4		10		78		109	
Peptic Ulcer	174		0		0		10		16		88		60	
Phlebitis, Thrombophlebitis, Venous Embolism & Thrombosis	130		0		0		12		14		67		37	
Multiple Sclerosis	123		0		0		19		57		44		3	
Cholelithiasis & Other Disorders of Gallbladder	100		0		1		0		6		44		49	
Hernia	77		0		0		4		7		37		29	
Epilepsy	53		1		5		17		12		17		1	
All Other Causes	15,692		243		171		813		2,001		7,259		5,205	

*Unknown age included in the 85 years and over age group.

Table C-11B

Revised

Selected Causes of Death by Age Group - Males*

Number and Rank: Pennsylvania Residents, 1999

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	61,404		654		1,112		3,523		10,912		33,608		11,595	
Diseases of Heart	19,306	1	16	4	30	5	513	2	3,347	2	10,938	1	4,462	1
Malignant Neoplasms	15,222	2	9	7	85	4	428	3	3,398	1	9,539	2	1,763	2
Cerebrovascular Disease	3,191	3	2	10	7	8	60	9	348	4	1,877	4	897	3
Chronic Lower Respiratory Dis.	3,112	4	1		4		21		326	6	2,129	3	631	4
Accidents	2,840	5	47	3	489	1	840	1	559	3	649	8	256	7
Nontransport Accidents	1,737		36		164		481		363		479		214	
Motor Vehicle Accidents	994		9		303		327		168		151		36	
Other Transport Accidents	109		2		22		32		28		19		6	
Diabetes Mellitus	1,623	6	0		5	10	72	7	330	5	1,012	5	204	10
Influenza & Pneumonia	1,361	7	13	6	3		35		111		667	7	532	5
Nephritis, Nephrotic Syndrome and Nephrosis	1,284	8	2	10	2		27		132		787	6	334	6
Septicemia	1,048	9	9	7	9	7	47	10	170	9	590	9	223	9
Alzheimer's Disease	588		0		0		0		11		330	10	247	8
Intentional Self-harm (Suicide)	1,045	10	0		143	3	423	4	278	8	171		30	
Chronic Liver Dis. and Cirrhosis	625		0		0		72	7	286	7	247		20	
In Situ, Benign, and Uncertain Neoplasms	365		2	10	5	10	10		45		226		77	
Parkinson's Disease	424		0		1		0		10		296		117	
Essential Hypertension and Hypertensive Renal Disease	274		0		0		8		48		152		66	
Atherosclerosis	213		0		0		0		16		123		74	
Assault (Homicide)	479		16	4	201	2	203	5	42		14		3	
Perinatal Conditions	314		312	1	1		0		1		0		0	
HIV Disease	363		3	9	6	9	190	6	149	10	14		1	
Congenital Malformations, Deformations & Chromosomal Abnormalities	189		98	2	13	6	23		23		26		6	
Anemias	93		0		3		8		13		48		21	
Pneumoconiosis	218		0		0		1		5		144		68	
Disorders of Biliary Tract & Pancreas	86		0		1		10		26		36		13	
Nutritional Deficiencies	78		0		1		1		5		32		39	
Peptic Ulcer	78		0		0		5		13		46		14	
Phlebitis, Thrombophlebitis, Venous Embolism & Thrombosis	43		0		0		7		5		24		7	
Multiple Sclerosis	38		0		0		9		16		13		0	
Cholelithiasis & Other Disorders of Gallbladder	28		0		0		0		3		12		13	
Hernia	30		0		0		4		3		16		7	
Epilepsy	22		1		2		9		4		6		0	
All Other Causes	6,824		123		101		497		1,189		3,444		1,470	

* Unknown sex included in the male category.

**Unknown age included in the 85 years and over age group.

Table C-11C

Revised

Selected Causes of Death by Age Group - Females
Number and Rank: Pennsylvania Residents, 1999

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	68,026		549		447		1,881		7,246		32,469		25,434	
Diseases of Heart	22,114	1	11	5	16	5	211	3	1,458	2	9,976	1	10,442	1
Malignant Neoplasms	14,914	2	14	4	34	2	503	1	3,115	1	8,614	2	2,634	2
Cerebrovascular Disease	5,356	3	2	10	3		67	7	281	4	2,384	3	2,619	3
Chronic Lower Respiratory Dis.	3,002	4	0		3		22		290	3	1,884	4	803	6
Accidents	1,665	7	36	3	206	1	271	2	224	6	514	10	414	10
Nontransport Accidents	1,092		27		42		149		110		376		388	
Motor Vehicle Accidents	527		7		153		115		106		125		21	
Other Transport Accidents	46		2		11		7		8		13		5	
Diabetes Mellitus	2,102	5	0		6	9	36	9	280	5	1,218	5	562	8
Influenza & Pneumonia	1,732	6	9	7	6	9	25		72	10	647	8	973	5
Nephritis, Nephrotic Syndrome and Nephrosis	1,388	10	3	9	2		15		113	8	736	6	519	9
Septicemia	1,490	9	8	8	8	7	31	10	148	7	707	7	588	7
Alzheimer's Disease	1,596	8	0		0		0		8		604	9	984	4
Intentional Self-harm (Suicide)	227		0		27	4	101	4	70		26		3	
Chronic Liver Dis. and Cirrhosis	393		0		0		40	8	102	9	207		44	
In Situ, Benign, and Uncertain Neoplasms	404		1		7	8	10		35		221		130	
Parkinson's Disease	325		0		0		0		6		171		148	
Essential Hypertension and Hypertensive Renal Disease	469		0		0		3		40		216		210	
Atherosclerosis	424		0		0		1		6		139		278	
Assault (Homicide)	155		11	5	34	2	72	6	22		11		5	
Perinatal Conditions	256		255	1	0		0		1		0		0	
HIV Disease	130		0		3		96	5	29		2		0	
Congenital Malformations, Deformations & Chromosomal Abnormalities	178		78	2	12	6	21		29		22		16	
Anemias	176		1		6	9	7		16		67		79	
Pneumoconiosis	3		0		0		0		0		3		0	
Disorders of Biliary Tract & Pancreas	117		0		0		2		16		59		40	
Nutritional Deficiencies	124		0		0		3		5		46		70	
Peptic Ulcer	96		0		0		5		3		42		46	
Phlebitis, Thrombophlebitis, Venous Embolism & Thrombosis	87		0		0		5		9		43		30	
Multiple Sclerosis	85		0		0		10		41		31		3	
Cholelithiasis & Other Disorders of Gallbladder	72		0		1		0		3		32		36	
Hernia	47		0		0		0		4		21		22	
Epilepsy	31		0		3		8		8		11		1	
All Other Causes	8,868		120		70		316		812		3,815		3,735	

*Unknown age included in the 85 years and over age group.

Table C-11D

Revised

Selected Causes of Death by Age Group - White Race*

Number and Rank: Pennsylvania Residents, 1999

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	116,849		810		1,201		4,168		15,108		60,568		34,994	
Diseases of Heart	38,087	1	20	5	38	5	561	3	4,012	2	19,287	1	14,169	1
Malignant Neoplasms	27,171	2	21	4	97	3	774	2	5,621	1	16,566	2	4,092	2
Cerebrovascular Disease	7,795	3	4	9	6		97	8	494	6	3,887	3	3,307	3
Chronic Lower Respiratory Dis.	5,764	4	1		4		30		531	4	3,817	4	1,381	5
Accidents	3,987	5	61	3	616	1	932	1	666	3	1,074	9	638	10
Nontransport Accidents	2,456		47		156		517		381		781		574	
Motor Vehicle Accidents	1,390		11		431		379		255		261		53	
Other Transport Accidents	141		3		29		36		30		32		11	
Diabetes Mellitus	3,304	6	0		8	9	83	9	496	5	2,003	5	714	9
Influenza & Pneumonia	2,872	7	16	7	8	9	44		152		1,224	7	1,428	4
Nephritis, Nephrotic Syndrome and Nephrosis	2,313	8	2		3		29		171	10	1,322	6	786	7
Septicemia	2,142	9	13	8	15	7	49	10	228	9	1,107	8	730	8
Alzheimer's Disease	2,098	10	0		0		0		19		892	10	1,187	6
Intentional Self-harm (Suicide)	1,169		0		147	2	479	4	325	8	186		32	
Chronic Liver Dis. and Cirrhosis	923		0		0		103	7	328	7	432		60	
In Situ, Benign, and Uncertain Neoplasms	721		3	10	10	8	17		71		420		200	
Parkinson's Disease	726		0		1		0		13		454		258	
Essential Hypertension and Hypertensive Renal Disease	611		0		0		5		60		298		248	
Atherosclerosis	613		0		0		1		21		250		341	
Assault (Homicide)	279		17	6	80	4	117	5	43		16		6	
Perinatal Conditions	360		358	1	0		0		2		0		0	
HIV Disease	183		2		5		104	6	64		8		0	
Congenital Malformations, Deformations & Chromosomal Abnormalities	305		140	2	18	6	39		46		42		20	
Anemias	214		0		3		3		12		106		90	
Pneumoconiosis	220		0		0		0		5		147		68	
Disorders of Biliary Tract & Pancreas	186		0		1		11		33		90		51	
Nutritional Deficiencies	180		0		0		4		8		65		103	
Peptic Ulcer	159		0		0		7		12		81		59	
Phlebitis, Thrombophlebitis, Venous Embolism & Thrombosis	111		0		0		9		12		60		30	
Multiple Sclerosis	113		0		0		14		53		43		3	
Cholelithiasis & Other Disorders of Gallbladder	93		0		0		0		5		41		47	
Hernia	71		0		0		4		7		33		27	
Epilepsy	42		1		5		16		10		9		1	
All Other Causes	14,037		151		136		636		1,588		6,608		4,918	

* Unknown race included in the white category.

**Unknown age included in the 85 years and over age group.

Table C-11E

Revised

Selected Causes of Death by Age Group - Black Race
Number and Rank: Pennsylvania Residents, 1999

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	12,083		375		340		1,183		2,901		5,310		1,974	
Diseases of Heart	3,211	1	7	5	8	5	156	3	750	2	1,573	1	717	1
Malignant Neoplasms	2,843	2	2	9	19	4	147	5	841	1	1,535	2	299	2
Cerebrovascular Disease	718	3	0		4	8	29	7	125	3	356	3	204	3
Chronic Lower Respiratory Dis.	339	9	0		3	10	12		84	8	189	6	51	8
Accidents	487	4	20	3	72	2	163	2	114	4	86	8	32	10
Nontransport Accidents	358		15		47		105		91		72		28	
Motor Vehicle Accidents	118		4		23		55		18		14		4	
Other Transport Accidents	11		1		2		3		5		0		0	
Diabetes Mellitus	412	5	0		3	10	25	9	112	6	220	4	52	7
Influenza & Pneumonia	208		6	6	1		16	10	30		84	9	71	5
Nephritis, Nephrotic Syndrome and Nephrosis	347	8	3	7	1		12		71	9	194	5	66	6
Septicemia	383	6	3	7	1		29	7	89	7	183	7	78	4
Alzheimer's Disease	82		0		0		0		0		40		42	9
Intentional Self-harm (Suicide)	85		0		22	3	38	6	17		8		0	
Chronic Liver Dis. and Cirrhosis	92		0		0		8		60	10	20		4	
In Situ, Benign, and Uncertain Neoplasms	47		0		2		2		9		27		7	
Parkinson's Disease	22		0		0		0		2		13		7	
Essential Hypertension and Hypertensive Renal Disease	126		0		0		6		27		67	10	26	
Atherosclerosis	24		0		0		0		1		12		11	
Assault (Homicide)	349	7	10	4	154	1	156	3	20		8		1	
Perinatal Conditions	204		204	1	0		0		0		0		0	
HIV Disease	309	10	1	10	4	8	182	1	113	5	8		1	
Congenital Malformations, Deformations & Chromosomal Abnormalities	56		32	2	6	6	5		5		6		2	
Anemias	54		1	10	6	6	12		17		9		9	
Pneumoconiosis	1		0		0		1		0		0		0	
Disorders of Biliary Tract & Pancreas	15		0		0		1		9		3		2	
Nutritional Deficiencies	19		0		1		0		2		11		5	
Peptic Ulcer	15		0		0		3		4		7		1	
Phlebitis, Thrombophlebitis, Venous Embolism & Thrombosis	18		0		0		2		2		7		7	
Multiple Sclerosis	10		0		0		5		4		1		0	
Cholelithiasis & Other Disorders of Gallbladder	7		0		1		0		1		3		2	
Hernia	6		0		0		0		0		4		2	
Epilepsy	11		0		0		1		2		8		0	
All Other Causes	1,583		86		32		172		390		628		275	

*Unknown age included in the 85 years and over age group.

Table C-12A

Revised

Resident Death Rates* for Selected Causes of Death
by Age Group, Pennsylvania, 1999

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	1,079.1	161.7	48.4	159.9	660.5	4,101.6	12,859.7
Diseases of Heart	345.3	3.6	1.4	21.4	174.8	1,298.2	5,176.0
Malignant Neoplasms	251.3	3.1	3.7	27.5	236.9	1,126.8	1,527.0
Cerebrovascular Disease	71.3	0.5	0.3	3.8	22.9	264.5	1,221.1
Chronic Lower Respiratory Dis.	51.0	0.1	0.2	1.3	22.4	249.1	498.0
Accidents	37.6	11.2	21.6	32.9	28.5	72.2	232.7
Nontransport Accidents	23.6	8.5	6.4	18.6	17.2	53.1	209.1
Motor Vehicle Accidents	12.7	2.2	14.2	13.1	10.0	17.1	19.8
Other Transport Accidents	1.3	0.5	1.0	1.2	1.3	2.0	3.8
Diabetes Mellitus	31.1	-	0.3	3.2	22.2	138.4	266.0
Influenza & Pneumonia	25.8	3.0	0.3	1.8	6.7	81.6	522.7
Nephritis, Nephrotic Syndrome and Nephrosis	22.3	0.7	0.1	1.2	8.9	94.5	296.2
Septicemia	21.2	2.3	0.5	2.3	11.6	80.5	281.7
Alzheimer's Disease	18.2	-	-	-	0.7	58.0	427.5
Intentional Self-harm (Suicide)	10.6	-	5.3	15.5	12.7	12.2	11.5
Chronic Liver Dis. and Cirrhosis	8.5	-	-	3.3	14.1	28.2	22.2
In Situ, Benign, and Uncertain Neoplasms	6.4	0.4	0.4	0.6	2.9	27.7	71.9
Parkinson's Disease	6.2	-	0.0	-	0.6	29.0	92.0
Essential Hypertension and Hypertensive Renal Disease	6.2	-	-	0.3	3.2	22.8	95.9
Atherosclerosis	5.3	-	-	0.0	0.8	16.3	122.2
Assault (Homicide)	5.3	3.6	7.3	8.1	2.3	1.6	2.8
Perinatal Conditions	4.8	76.2	0.0	-	0.1	-	-
HIV Disease	4.1	0.4	0.3	8.5	6.5	1.0	0.3
Congenital Malformations, Deformations & Chromosomal Abnormalities	3.1	23.7	0.8	1.3	1.9	3.0	7.6
Anemias	2.2	0.1	0.3	0.4	1.1	7.1	34.7
Pneumoconiosis	1.8	-	-	0.0	0.2	9.1	23.6
Disorders of Biliary Tract & Pancreas	1.7	-	0.0	0.4	1.5	5.9	18.4
Nutritional Deficiencies	1.7	-	0.0	0.1	0.4	4.8	37.9
Peptic Ulcer	1.5	-	-	0.3	0.6	5.5	20.8
Phlebitis, Thrombophlebitis, Venous Embolism & Thrombosis	1.1	-	-	0.4	0.5	4.2	12.8
Multiple Sclerosis	1.0	-	-	0.6	2.1	2.7	1.0
Cholelithiasis & Other Disorders of Gallbladder	0.8	-	0.0	-	0.2	2.7	17.0
Hernia	0.6	-	-	0.1	0.3	2.3	10.1
Epilepsy	0.4	0.1	0.2	0.5	0.4	1.1	0.3
All Other Causes	130.8	32.7	5.3	24.0	72.8	450.6	1,807.6

* Rate per 100,000 population for each specified age group, 1999.

**Unknown age included in the 85 years and over age group.

Note: A dash indicates no deaths for that cause of death and age group.

Table C-12B

Revised

Resident Death Rates* for Selected Causes of Death
by Age Group - Males, Pennsylvania, 1999**

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	1,062.2	171.4	67.9	208.7	825.6	5,089.9	12,590.3
Diseases of Heart	334.0	4.2	1.8	30.4	253.2	1,656.5	4,845.0
Malignant Neoplasms	263.3	2.4	5.2	25.4	257.1	1,444.7	1,914.3
Cerebrovascular Disease	55.2	0.5	0.4	3.6	26.3	284.3	974.0
Chronic Lower Respiratory Dis.	53.8	0.3	0.2	1.2	24.7	322.4	685.2
Accidents	49.1	12.3	29.9	49.8	42.3	98.3	278.0
Nontransport Accidents	30.0	9.4	10.0	28.5	27.5	72.5	232.4
Motor Vehicle Accidents	17.2	2.4	18.5	19.4	12.7	22.9	39.1
Other Transport Accidents	1.9	0.5	1.3	1.9	2.1	2.9	6.5
Diabetes Mellitus	28.1	-	0.3	4.3	25.0	153.3	221.5
Influenza & Pneumonia	23.5	3.4	0.2	2.1	8.4	101.0	577.7
Nephritis, Nephrotic Syndrome and Nephrosis	22.2	0.5	0.1	1.6	10.0	119.2	362.7
Septicemia	18.1	2.4	0.5	2.8	12.9	89.4	242.1
Alzheimer's Disease	10.2	-	-	-	0.8	50.0	268.2
Intentional Self-harm (Suicide)	18.1	-	8.7	25.1	21.0	25.9	32.6
Chronic Liver Dis. and Cirrhosis	10.8	-	-	4.3	21.6	37.4	21.7
In Situ, Benign, and Uncertain Neoplasms	6.3	0.5	0.3	0.6	3.4	34.2	83.6
Parkinson's Disease	7.3	-	0.1	-	0.8	44.8	127.0
Essential Hypertension and Hypertensive Renal Disease	4.7	-	-	0.5	3.6	23.0	71.7
Atherosclerosis	3.7	-	-	-	1.2	18.6	80.4
Assault (Homicide)	8.3	4.2	12.3	12.0	3.2	2.1	3.3
Perinatal Conditions	5.4	81.8	0.1	-	0.1	-	-
HIV Disease	6.3	0.8	0.4	11.3	11.3	2.1	1.1
Congenital Malformations, Deformations & Chromosomal Abnormalities	3.3	25.7	0.8	1.4	1.7	3.9	6.5
Anemias	1.6	-	0.2	0.5	1.0	7.3	22.8
Pneumoconiosis	3.8	-	-	0.1	0.4	21.8	73.8
Disorders of Biliary Tract & Pancreas	1.5	-	0.1	0.6	2.0	5.5	14.1
Nutritional Deficiencies	1.3	-	0.1	0.1	0.4	4.8	42.3
Peptic Ulcer	1.3	-	-	0.3	1.0	7.0	15.2
Phlebitis, Thrombophlebitis, Venous Embolism & Thrombosis	0.7	-	-	0.4	0.4	3.6	7.6
Multiple Sclerosis	0.7	-	-	0.5	1.2	2.0	-
Cholelithiasis & Other Disorders of Gallbladder	0.5	-	-	-	0.2	1.8	14.1
Hernia	0.5	-	-	0.2	0.2	2.4	7.6
Epilepsy	0.4	0.3	0.1	0.5	0.3	0.9	-
All Other Causes	118.0	32.2	6.2	29.4	90.0	521.6	1,596.2

* Rate per 100,000 male population for each specified age group, 1999.

** Unknown sex included in the male category.

***Unknown age included in the 85 years and over age group.

Note: A dash indicates no deaths for that cause of death and age group.

Table C-12C

Revised

Resident Death Rates* for Selected Causes of Death
by Age Group - Females, Pennsylvania, 1999

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	1,094.9	151.5	28.2	111.1	507.6	3,415.2	12,986.5
Diseases of Heart	355.9	3.0	1.0	12.5	102.1	1,049.3	5,331.6
Malignant Neoplasms	240.0	3.9	2.1	29.7	218.2	906.1	1,344.9
Cerebrovascular Disease	86.2	0.6	0.2	4.0	19.7	250.8	1,337.2
Chronic Lower Respiratory Dis.	48.3	-	0.2	1.3	20.3	198.2	410.0
Accidents	26.8	9.9	13.0	16.0	15.7	54.1	211.4
Nontransport Accidents	17.6	7.5	2.7	8.8	7.7	39.5	198.1
Motor Vehicle Accidents	8.5	1.9	9.7	6.8	7.4	13.1	10.7
Other Transport Accidents	0.7	0.6	0.7	0.4	0.6	1.4	2.6
Diabetes Mellitus	33.8	-	0.4	2.1	19.6	128.1	287.0
Influenza & Pneumonia	27.9	2.5	0.4	1.5	5.0	68.1	496.8
Nephritis, Nephrotic Syndrome and Nephrosis	22.3	0.8	0.1	0.9	7.9	77.4	265.0
Septicemia	24.0	2.2	0.5	1.8	10.4	74.4	300.2
Alzheimer's Disease	25.7	-	-	-	0.6	63.5	502.4
Intentional Self-harm (Suicide)	3.7	-	1.7	6.0	4.9	2.7	1.5
Chronic Liver Dis. and Cirrhosis	6.3	-	-	2.4	7.1	21.8	22.5
In Situ, Benign, and Uncertain Neoplasms	6.5	0.3	0.4	0.6	2.5	23.2	66.4
Parkinson's Disease	5.2	-	-	-	0.4	18.0	75.6
Essential Hypertension and Hypertensive Renal Disease	7.5	-	-	0.2	2.8	22.7	107.2
Atherosclerosis	6.8	-	-	0.1	0.4	14.6	141.9
Assault (Homicide)	2.5	3.0	2.1	4.3	1.5	1.2	2.6
Perinatal Conditions	4.1	70.4	-	-	0.1	-	-
HIV Disease	2.1	-	0.2	5.7	2.0	0.2	-
Congenital Malformations, Deformations & Chromosomal Abnormalities	2.9	21.5	0.8	1.2	2.0	2.3	8.2
Anemias	2.8	0.3	0.4	0.4	1.1	7.0	40.3
Pneumoconiosis	0.0	-	-	-	-	0.3	-
Disorders of Biliary Tract & Pancreas	1.9	-	-	0.1	1.1	6.2	20.4
Nutritional Deficiencies	2.0	-	-	0.2	0.4	4.8	35.7
Peptic Ulcer	1.5	-	-	0.3	0.2	4.4	23.5
Phlebitis, Thrombophlebitis, Venous Embolism & Thrombosis	1.4	-	-	0.3	0.6	4.5	15.3
Multiple Sclerosis	1.4	-	-	0.6	2.9	3.3	1.5
Cholelithiasis & Other Disorders of Gallbladder	1.2	-	0.1	-	0.2	3.4	18.4
Hernia	0.8	-	-	-	0.3	2.2	11.2
Epilepsy	0.5	-	0.2	0.5	0.6	1.2	0.5
All Other Causes	142.7	33.1	4.4	18.7	56.9	401.3	1,907.1

* Rate per 100,000 female population for each specified age group, 1999.
**Unknown age included in the 85 years and over age group.

Note: A dash indicates no deaths for that cause of death and age group.

Table C-12D

Revised

Resident Death Rates* for Selected Causes of Death
by Age Group - White Race, Pennsylvania, 1999**

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	1,099.3	129.7	43.4	140.1	607.1	4,024.5	13,014.7
Diseases of Heart	358.3	3.2	1.4	18.9	161.2	1,281.6	5,269.6
Malignant Neoplasms	255.6	3.4	3.5	26.0	225.9	1,100.8	1,521.9
Cerebrovascular Disease	73.3	0.6	0.2	3.3	19.8	258.3	1,229.9
Chronic Lower Respiratory Dis.	54.2	0.2	0.1	1.0	21.3	253.6	513.6
Accidents	37.5	9.8	22.3	31.3	26.8	71.4	237.3
Nontransport Accidents	23.1	7.5	5.6	17.4	15.3	51.9	213.5
Motor Vehicle Accidents	13.1	1.8	15.6	12.7	10.2	17.3	19.7
Other Transport Accidents	1.3	0.5	1.0	1.2	1.2	2.1	4.1
Diabetes Mellitus	31.1	-	0.3	2.8	19.9	133.1	265.5
Influenza & Pneumonia	27.0	2.6	0.3	1.5	6.1	81.3	531.1
Nephritis, Nephrotic Syndrome and Nephrosis	21.8	0.3	0.1	1.0	6.9	87.8	292.3
Septicemia	20.2	2.1	0.5	1.6	9.2	73.6	271.5
Alzheimer's Disease	19.7	-	-	-	0.8	59.3	441.5
Intentional Self-harm (Suicide)	11.0	-	5.3	16.1	13.1	12.4	11.9
Chronic Liver Dis. and Cirrhosis	8.7	-	-	3.5	13.2	28.7	22.3
In Situ, Benign, and Uncertain Neoplasms	6.8	0.5	0.4	0.6	2.9	27.9	74.4
Parkinson's Disease	6.8	-	0.0	-	0.5	30.2	96.0
Essential Hypertension and Hypertensive Renal Disease	5.7	-	-	0.2	2.4	19.8	92.2
Atherosclerosis	5.8	-	-	0.0	0.8	16.6	126.8
Assault (Homicide)	2.6	2.7	2.9	3.9	1.7	1.1	2.2
Perinatal Conditions	3.4	57.3	-	-	0.1	-	-
HIV Disease	1.7	0.3	0.2	3.5	2.6	0.5	-
Congenital Malformations, Deformations & Chromosomal Abnormalities	2.9	22.4	0.7	1.3	1.8	2.8	7.4
Anemias	2.0	-	0.1	0.1	0.5	7.0	33.5
Pneumoconiosis	2.1	-	-	-	0.2	9.8	25.3
Disorders of Biliary Tract & Pancreas	1.7	-	0.0	0.4	1.3	6.0	19.0
Nutritional Deficiencies	1.7	-	-	0.1	0.3	4.3	38.3
Peptic Ulcer	1.5	-	-	0.2	0.5	5.4	21.9
Phlebitis, Thrombophlebitis, Venous Embolism & Thrombosis	1.0	-	-	0.3	0.5	4.0	11.2
Multiple Sclerosis	1.1	-	-	0.5	2.1	2.9	1.1
Cholelithiasis & Other Disorders of Gallbladder	0.9	-	-	-	0.2	2.7	17.5
Hernia	0.7	-	-	0.1	0.3	2.2	10.0
Epilepsy	0.4	0.2	0.2	0.5	0.4	0.6	0.4
All Other Causes	132.1	24.2	4.9	21.4	63.8	439.1	1,829.1

* Rate per 100,000 white population for each specified age group, 1999.

** Unknown race included in the white category.

***Unknown age included in the 85 years and over age group.

Note: A dash indicates no deaths for that cause of death and age group.

Table C-12E

Revised

Resident Death Rates* for Selected Causes of Death
by Age Group - Black Race, Pennsylvania, 1999

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	1,023.6	368.8	87.4	339.1	1,302.2	5,304.1	11,145.6
Diseases of Heart	272.0	6.9	2.1	44.7	336.7	1,571.2	4,048.3
Malignant Neoplasms	240.9	2.0	4.9	42.1	377.5	1,533.3	1,688.2
Cerebrovascular Disease	60.8	-	1.0	8.3	56.1	355.6	1,151.8
Chronic Lower Respiratory Dis.	28.7	-	0.8	3.4	37.7	188.8	288.0
Accidents	41.3	19.7	18.5	46.7	51.2	85.9	180.7
Nontransport Accidents	30.3	14.8	12.1	30.1	40.8	71.9	158.1
Motor Vehicle Accidents	10.0	3.9	5.9	15.8	8.1	14.0	22.6
Other Transport Accidents	0.9	1.0	0.5	0.9	2.2	-	-
Diabetes Mellitus	34.9	-	0.8	7.2	50.3	219.8	293.6
Influenza & Pneumonia	17.6	5.9	0.3	4.6	13.5	83.9	400.9
Nephritis, Nephrotic Syndrome and Nephrosis	29.4	3.0	0.3	3.4	31.9	193.8	372.6
Septicemia	32.4	3.0	0.3	8.3	39.9	182.8	440.4
Alzheimer's Disease	6.9	-	-	-	-	40.0	237.1
Intentional Self-harm (Suicide)	7.2	-	5.7	10.9	7.6	8.0	-
Chronic Liver Dis. and Cirrhosis	7.8	-	-	2.3	26.9	20.0	22.6
In Situ, Benign, and Uncertain Neoplasms	4.0	-	0.5	0.6	4.0	27.0	39.5
Parkinson's Disease	1.9	-	-	-	0.9	13.0	39.5
Essential Hypertension and Hypertensive Renal Disease	10.7	-	-	1.7	12.1	66.9	146.8
Atherosclerosis	2.0	-	-	-	0.4	12.0	62.1
Assault (Homicide)	29.6	9.8	39.6	44.7	9.0	8.0	5.6
Perinatal Conditions	17.3	200.6	-	-	-	-	-
HIV Disease	26.2	1.0	1.0	52.2	50.7	8.0	5.6
Congenital Malformations, Deformations & Chromosomal Abnormalities	4.7	31.5	1.5	1.4	2.2	6.0	11.3
Anemias	4.6	1.0	1.5	3.4	7.6	9.0	50.8
Pneumoconiosis	0.1	-	-	0.3	-	-	-
Disorders of Biliary Tract & Pancreas	1.3	-	-	0.3	4.0	3.0	11.3
Nutritional Deficiencies	1.6	-	0.3	-	0.9	11.0	28.2
Peptic Ulcer	1.3	-	-	0.9	1.8	7.0	5.6
Phlebitis, Thrombophlebitis, Venous Embolism & Thrombosis	1.5	-	-	0.6	0.9	7.0	39.5
Multiple Sclerosis	0.8	-	-	1.4	1.8	1.0	-
Cholelithiasis & Other Disorders of Gallbladder	0.6	-	0.3	-	0.4	3.0	11.3
Hernia	0.5	-	-	-	-	4.0	11.3
Epilepsy	0.9	-	-	0.3	0.9	8.0	-
All Other Causes	134.1	84.6	8.2	49.3	175.1	627.3	1,552.7

* Rate per 100,000 black population for each specified age group, 1999.

**Unknown age included in the 85 years and over age group.

Note: A dash indicates no deaths for that cause of death and age group.

Table C-13 Revised

Age-Adjusted Death Rates* for Selected Causes of Death
Pennsylvania Residents, 1999 and Average Annual, 1995-1999

Cause of Death	1999	1995-1999
All Causes	867.6	883.8
Diseases of Heart	268.1	285.2
Malignant Neoplasms	208.8	210.7
Cerebrovascular Disease	54.2	56.0
Chronic Lower Respiratory Dis.	40.4	37.3
Accidents	34.5	34.5
Nontransport Accidents	20.9	**
Motor Vehicle Accidents	12.4	12.7
Other Transport Accidents	1.2	**
Diabetes Mellitus	25.2	24.5
Influenza & Pneumonia	19.3	27.3
Nephritis, Nephrotic Syndrome and Nephrosis	17.4	13.5
Septicemia	16.7	14.1
Alzheimer's Disease	13.1	7.8
Intentional Self-harm (Suicide)	10.4	11.3
Chronic Liver Dis. and Cirrhosis	7.6	8.1
Atherosclerosis	3.9	4.7
Assault (Homicide)	5.4	6.0
HIV Disease	4.3	6.8
Pneumoconiosis	1.4	1.9

* Age-adjusted rates are computed by the direct method using the 2000 U.S. standard million population. Rates are per 100,000. See Technical Notes.

** Not available.

Note: Data for 1999 based on ICD-10 and 1995-1998 based on ICD-9 cause of death codes.

Table C-14

Resident Deaths by Cause, Number and Rate: Pennsylvania, 1999

Cause of Death *(Based on the Tenth Revision, International Classification of Diseases)*	Number of Deaths	Rate*
All Causes	129,430	1079.1
Certain Infectious and Parasitic Diseases *(A00-B99)*	3,713	31.0
Intestinal Infectious Diseases *(A00-A09)*	105	0.9
Tuberculosis *(A16-A19)*	37	0.3
Respiratory Tuberculosis *(A16)*	30	0.3
Other Tuberculosis *(A17-A19)*	7	0.1
Zoonotic and Other Bacterial Diseases *(A20-A49)*	2,652	22.1
Septicemia *(A40-A41)*	2,538	21.2
Other Zoonotic and Bacterial Diseases *(A20-A39,A42-A49)*	114	1.0
Infections With a Predominately Sexual Mode of Transmission *(A50-A64)*	2	0.0
Syphilis *(A50-A53)*	2	0.0
Gonococcal Infection *(A54)*	0	-
Other Infections With a Predominately Sexual Mode of Transmission *(A55-A64)*	0	-
Other Infections Caused by Spirochetes, Chlamydia or Rickettsia *(A65-A79)*	1	0.0
Lyme Disease *(A69.2)*	1	0.0
All Other Infections *(A65-A68,A69.0-A69.1,A69.8-A69.9,A70-A79)*	0	-
Viral Diseases *(A80-B34)*	704	5.9
Viral Hepatitis *(B15-B19)*	144	1.2
Human Immunodeficiency Virus (HIV) Disease *(B20-B24)*	493	4.1
All Other and Unspecified Viral Diseases *(A80-A99,B00-B09,B25-B34)*	67	0.6
Other and Unspecified Infectious and Parasitic Diseases and Their Sequelae *(B35-B99)*	212	1.8
Mycoses *(B35-B49)*	101	0.8
Protozoal Diseases *(B50-B64)*	13	0.1
Helminthiases *(B65-B83)*	0	-
Sequelae of Tuberculosis *(B90)*	8	0.1
Sequelae of Poliomyelitis *(B91)*	10	0.1
All Other and Unspecified Infectious and Parasitic Diseases and Their Sequelae *(B85-B89,B92-B99)*	80	0.7
Neoplasms *(C00-D48)*	30,905	257.7
Malignant Neoplasms *(C00-C97)*	30,136	251.3
Malignant Neoplasms of Lip, Oral Cavity and Pharynx *(C00-C14)*	332	2.8
Of Lip *(C00)*	4	0.0
Of Tongue *(C01-C02)*	80	0.7
Of Pharynx *(C10-C13,C14.0)*	130	1.1
Of Other and Unspecified Sites Within the Lip, Oral Cavity and Pharynx *(C03-C09,C14.2-C14.8)*	118	1.0
Malignant Neoplasms of Digestive Organs *(C15-C26)*	7,331	61.1
Of Esophagus *(C15)*	667	5.6
Of Stomach *(C16)*	672	5.6
Of Small Intestine *(C17)*	54	0.5
Of Colon, Rectum and Anus *(C18-C21)*	3,454	28.8
Colon *(C18)*	2,967	24.7
Rectosigmoid Junction and Rectum *(C19-C20)*	473	3.9
Anus and Anal Canal *(C21)*	14	0.1
Of Liver and Intrahepatic Bile Ducts *(C22)*	579	4.8
Liver *(C22.0,C22.2-C22.9)*	441	3.7
Intrahepatic Bile Duct Carcinoma *(C22.1)*	138	1.2
Of Gallbladder and Extrahepatic Bile Ducts *(C23-C24)*	243	2.0
Of Pancreas *(C25)*	1,565	13.0
Of Other and Ill-Defined Digestive Organs *(C26)*	97	0.8

*Rate per 100,000 population, 1999.

Table C-14
Resident Deaths by Cause, Number and Rate: Pennsylvania, 1999 (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)*	8,159	68.0
Of Nasal Cavity, Middle Ear and Accessory Sinuses *(C30-C31)*	27	0.2
Of Larynx *(C32)*	226	1.9
Of Trachea, Bronchus and Lung *(C33-C34)*	7,882	65.7
Of Thymus, Heart, Mediastinum and Pleura *(C37-C38)*	21	0.2
Of Other and Ill-Defined Sites in Respiratory System and Intrathoracic Organs *(C39)*	3	0.0
Malignant Neoplasms of Bone and Articular Cartilage *(C40-C41)*	46	0.4
Melanoma and Other Malignant Neoplasms of Skin *(C43-C44)*	451	3.8
Malignant Melanoma of Skin *(C43)*	345	2.9
Other Malignant Neoplasms of Skin *(C44)*	106	0.9
Malignant Neoplasms of Mesothelial and Soft Tissue *(C45-C49)*	375	3.1
Mesothelioma *(C45)*	152	1.3
Kaposi's Sarcoma *(C46)*	2	0.0
Of Other Mesothelial and Soft Tissue *(C47-C49)*	221	1.8
Malignant Neoplasm of Breast *(C50)*	2,395	20.0
Malignant Neoplasms of Female Genital Organs *(C51-C58)*	1,519	12.7
Of Vulva and Vagina *(C51-C52)*	78	0.7
Of Cervix Uteri *(C53)*	213	1.8
Of Corpus Uteri and Uterus, Part Unspecified *(C54-C55)*	413	3.4
Of Ovary *(C56)*	790	6.6
Of Other and Unspecified Female Genital Organs *(C57)*	25	0.2
Of Placenta *(C58)*	0	-
Malignant Neoplasms of Male Genital Organs *(C60-C63)*	1,738	14.5
Of Prostate *(C61)*	1,713	14.3
Of Testis *(C62)*	15	0.1
Of Penis and Other and Unspecified Male Genital Organs *(C60,C63)*	10	0.1
Malignant Neoplasms of Urinary Tract *(C64-C68)*	1,307	10.9
Of Kidney and Renal Pelvis *(C64-C65)*	576	4.8
Of Bladder *(C67)*	693	5.8
Of Other and Unspecified Sites Within the Urinary Tract *(C66,C68)*	38	0.3
Malignant Neoplasm of Eye and Adnexa *(C69)*	7	0.1
Malignant Neoplasms of Meninges, Brain and Other Parts of Central Nervous System *(C70-C72)*	612	5.1
Of Brain *(C71)*	595	5.0
Of Other Parts of Central Nervous System *(C70,C72)*	17	0.1
Malignant Neoplasms of Thyroid and Other Endocrine Glands *(C73-C75)*	109	0.9
Other Malignant Neoplasms of Other and Unspecified Sites *(C76-C80,C97)*	2,619	21.8
Malignant Neoplasms of Lymphoid, Hematopoietic and Related Tissue *(C81-C96)*	3,136	26.1
Hodgkin's Disease *(C81)*	76	0.6
Of Other Lymphoid, Hematopoietic and Related Tissue *(C82-C85,C96)*	1,331	11.1
Non-Hodgkin's Lymphoma *(C82-C85)*	1,325	11.0
Of Other and Unspecified Lymphoid, Hematopoietic and Related Tissue *(C96)*	6	0.1
Malignant Immunoproliferative Diseases *(C88)*	28	0.2
Multiple Myeloma and Malignant Plasma Cell Neoplasms *(C90)*	553	4.6
Leukemia *(C91-C95)*	1,148	9.6
Lymphoid Leukemia *(C91)*	353	2.9
Myeloid Leukemia *(C92)*	456	3.8
Monocytic Leukemia *(C93)*	11	0.1
Other and Unspecified Leukemia *(C94-C95)*	328	2.7

*Rate per 100,000 population, 1999.

Table C-14
Resident Deaths by Cause, Number and Rate: Pennsylvania, 1999 (Cont.)

Cause of Death *(Based on the Tenth Revision, International Classification of Diseases)*	Number of Deaths	Rate*
In Situ Neoplasms *(D00-D09)*	2	0.0
Carcinoma In Situ of Breast and Genitourinary System *(D05-D07)*	0	-
Carcinoma In Situ of Other and Unspecified Sites *(D00-D04,D09)*	2	0.0
Benign Neoplasms *(D10-D36)*	70	0.6
Of Female Genital Organs *(D25-D28)*	0	-
Of Eye, Brain and Other Parts of Central Nervous System *(D31-D33)*	45	0.4
Of Other and Unspecified Sites *(D10-D24,D29-D30,D34-D36)*	25	0.2
Neoplasms of Uncertain or Unknown Behavior of Specified Sites *(D37-D47)*	670	5.6
Neoplasm of Uncertain or Unknown Behavior of Unspecified Sites *(D48)*	27	0.2
Diseases of the Blood and Blood-Forming Organs and Certain Disorders Involving the Immune Mechanism *(D50-D89)*	528	4.4
Anemias *(D50-D64)*	269	2.2
Nutritional Anemias *(D50-D53)*	17	0.1
Hemolytic Anemias *(D55-D59)*	42	0.4
Aplastic Anemias *(D60-D61)*	62	0.5
Acute Posthemorrhagic and Other Anemias *(D62,D64)*	148	1.2
Coagulation Defects, Purpura and Other Hemorrhagic Conditions *(D65-D69)*	164	1.4
Other Diseases of Blood and Blood-Forming Organs *(D70-D76)*	44	0.4
Certain Disorders Involving the Immune Mechanism *(D80-D89)*	51	0.4
Endocrine, Nutritional and Metabolic Diseases *(E00-E88)*	5,094	42.5
Endocrine Diseases *(E00-E34)*	3,892	32.4
Disorders of Thyroid Gland *(E00-E07)*	124	1.0
Diabetes Mellitus *(E10-E14)*	3,725	31.1
Disorders of Pituitary Gland *(E22-E23)*	7	0.1
Disorders of Adrenal Glands *(E24-E27)*	11	0.1
Diseases of Thymus *(E32)*	0	-
Other Endocrine Diseases *(E15-E21,E28-E31,E34)*	25	0.2
Nutritional Diseases *(E40-E68)*	324	2.7
Malnutrition *(E40-E46)*	179	1.5
Nutritional Marasmus *(E41)*	10	0.1
Other and Unspecified Malnutrition *(E40,E42-E46)*	169	1.4
Other Nutritional Deficiencies *(E50-E64)*	23	0.2
Obesity and Other Hyperalimentation *(E65-E68)*	122	1.0
Metabolic Disorders *(E70-E88)*	878	7.3
Cystic Fibrosis *(E84)*	23	0.2
Volume Depletion, Disorders of Fluid, Electrolyte and Acid-Base Balance *(E86-E87)*	543	4.5
Other Metabolic Disorders *(E70-E83,E85,E88)*	312	2.6
Mental and Behavioral Disorders *(F01-F99)*	1,818	15.2
Organic Dementia *(F01,F03)*	1,354	11.3
Other and Unspecified Organic Mental Disorders *(F04-F09)*	148	1.2
Mental and Behavioral Disorders Due to Psychoactive Substance Use *(F10-F19)*	200	1.7
Mental and Behavioral Disorders Due to Use of Alcohol *(F10)*	142	1.2
Mental and Behavioral Disorders Due to Other Psychoactive Substance Use *(F11-F19)*	58	0.5
Schizophrenia, Schizotypal and Delusional Disorders *(F20-F29)*	20	0.2
Mood (Affective) Disorders *(F30-F39)*	37	0.3
Neurotic, Stress-Related and Somatoform Disorders *(F40-F48)*	6	0.1
Mental Retardation *(F70-F79)*	41	0.3
Other and Unspecified Mental and Behavioral Disorders *(F50-F69,F80-F99)*	12	0.1

*Rate per 100,000 population, 1999.

Table C-14

Resident Deaths by Cause, Number and Rate: Pennsylvania, 1999 (Cont.)

Cause of Death *(Based on the Tenth Revision, International Classification of Diseases)*	Number of Deaths	Rate*
Diseases of the Nervous System *(G00-G98)*	4,243	35.4
Meningitis *(G00,G03)*	20	0.2
Other Inflammatory Diseases of Central Nervous System *(G04-G09)*	16	0.1
Parkinson's Disease *(G20-G21)*	749	6.2
Alzheimer's Disease *(G30)*	2,184	18.2
Multiple Sclerosis *(G35)*	123	1.0
Epilepsy *(G40-G41)*	53	0.4
Transient Cerebral Ischemic Attacks and Related Syndromes *(G45)*	17	0.1
Infantile Cerebral Palsy *(G80)*	36	0.3
All Other Diseases of Nervous System *(G10-G12,G23-G25,G31,G36-G37, G43-G44,G47-G72,G81-G98)*	1,045	8.7
Diseases of the Eye and Adnexa *(H00-H57)*	5	0.0
Diseases of the Ear and Mastoid Process *(H60-H93)*	6	0.1
Diseases of the Circulatory System *(I00-I99)*	53,099	442.7
Major Cardiovascular Diseases *(I00-I78)*	52,880	440.9
Acute Rheumatic Fever and Chronic Rheumatic Heart Diseases *(I00-I09)*	249	2.1
Acute Rheumatic Fever *(I00-I02)*	1	0.0
Chronic Rheumatic Heart Diseases *(I05-I09)*	248	2.1
Rheumatic Mitral Valve Diseases *(I05)*	143	1.2
Rheumatic Aortic Valve Diseases *(I06)*	3	0.0
Disorders of Both Mitral and Aortic Valves *(I08.0)*	24	0.2
Other Chronic Rheumatic Heart Diseases *(I07,I08.1-I08.9,I09)*	78	0.7
Hypertensive Diseases *(I10-I13)*	1,617	13.5
Essential (Primary) Hypertension *(I10)*	470	3.9
Hypertensive Heart Disease *(I11)*	759	6.3
Hypertensive Renal Disease *(I12)*	273	2.3
Hypertensive Heart and Renal Disease *(I13)*	115	1.0
Ischemic Heart Diseases *(I20-I25)*	29,518	246.1
Acute Myocardial Infarction *(I21-I22)*	11,729	97.8
Other Acute Ischemic Heart Diseases *(I24)*	84	0.7
Other Forms of Chronic Ischemic Heart Disease *(I20,I25)*	17,705	147.6
Atherosclerotic Cardiovascular Disease, So Described *(I25.0)*	4,334	36.1
All Other Forms of Chronic Ischemic Heart Disease *(I20,I25.1-I25.9)*	13,371	111.5
Other Heart Diseases *(I26-I51)*	10,779	89.9
Pulmonary Heart Disease and Diseases of Pulmonary Circulation *(I26-I28)*	822	6.9
Pulmonary Embolism *(I26)*	569	4.7
Other Pulmonary Heart Disease and Diseases of Pulmonary Circulation *(I27-I28)*	253	2.1
Other Non-Pulmonary Forms of Heart Disease *(I30-I51)*	9,957	83.0
Acute and Subacute Endocarditis *(I33)*	67	0.6
Diseases of Pericardium and Acute Myocarditis *(I30-I31,I40)*	37	0.3
Other Diseases of Endocardium *(I34-I38)*	1,403	11.7
Nonrheumatic Mitral Valve Disorders *(I34)*	211	1.8
Nonrheumatic Aortic Valve Disorders *(I35)*	890	7.4
All Other Diseases of Endocardium *(I36-I38)*	302	2.5
Cardiomyopathy *(I42)*	1,523	12.7
Conduction Disorders and Cardiac Dysrhythmias *(I44-I49)*	3,190	26.6
Heart Failure *(I50)*	3,317	27.7
Congestive Heart Failure *(I50.0)*	3,003	25.0
Other and Unspecified Heart Failure *(I50.1-I50.9)*	314	2.6
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)*	384	3.2

*Rate per 100,000 population, 1999.

Table C-14

Resident Deaths by Cause, Number and Rate: Pennsylvania, 1999 (Cont.)

Cause of Death *(Based on the Tenth Revision, International Classification of Diseases)*	Number of Deaths	Rate*
Cerebrovascular Diseases *(I60-I69)*	8,547	71.3
Subarachnoid Hemorrhage *(I60)*	324	2.7
Intracerebral and Other Intracranial Hemorrhage *(I61-I62)*	1,339	11.2
Cerebral Infarction *(I63)*	956	8.0
Stroke, Not Specified As Hemorrhage or Infarction *(I64)*	4,632	38.6
Other Cerebrovascular Diseases and Their Sequelae *(I67,I69)*	1,296	10.8
Diseases of Arteries, Arterioles and Capillaries *(I70-I78)*	2,170	18.1
Atherosclerosis *(I70)*	637	5.3
Aortic Aneurysm and Dissection *(I71)*	903	7.5
Other Diseases of Arteries, Arterioles and Capillaries *(I72-I78)*	630	5.3
Other Disorders of Circulatory System *(I80-I99)*	219	1.8
Phlebitis, Thrombophlebitis, Venous Embolism and Thrombosis *(I80-I82)*	130	1.1
All Other and Unspecified Disorders of Circulatory System *(I83-I99)*	89	0.7
Diseases of the Respiratory System *(J00-J98)*	12,138	101.2
Acute Upper Respiratory Infections *(J00-J06)*	5	0.0
Acute Pharyngitis and Tonsillitis *(J02-J03)*	0	-
Acute Laryngitis and Tracheitis *(J04)*	0	-
Other and Unspecified Acute Upper Respiratory Infections *(J00-J01,J05-J06)*	5	0.0
Other Diseases of the Respiratory System *(J10-J98)*	12,133	101.2
Influenza *(J10-J11)*	49	0.4
Pneumonia *(J12-J18)*	3,044	25.4
Viral Pneumonia, Not Elsewhere Classified *(J12)*	20	0.2
Bacterial Pneumonia *(J13-J15)*	115	1.0
Pneumonia Due to Other or Unspecified Organisms *(J16,J18)*	2,909	24.3
Other Acute Lower Respiratory Infections *(J20-J22)*	17	0.1
Acute Bronchitis and Bronchiolitis *(J20-J21)*	11	0.1
Unspecified Acute Lower Respiratory Infection *(J22)*	6	0.1
Other Diseases of Upper Respiratory Tract *(J30-J39)*	24	0.2
Chronic Lower Respiratory Diseases *(J40-J47)*	6,114	51.0
Bronchitis, Chronic and Unspecified, Emphysema and Asthma *(J40-J46)*	6,069	50.6
Bronchitis, Not Specified As Acute or Chronic *(J40)*	32	0.3
Chronic Bronchitis *(J41-J42)*	18	0.2
Emphysema *(J43)*	810	6.8
Other Chronic Obstructive Pulmonary Disease *(J44)*	5,037	42.0
Asthma *(J45-J46)*	172	1.4
Bronchiectasis *(J47)*	45	0.4
Lung Diseases Due to External Agents *(J60-J70)*	1,383	11.5
Pneumoconioses and Chemical Effects *(J60-J66,J68)*	222	1.9
Pneumonitis Due to Solids and Liquids *(J69)*	1,157	9.6
Pneumonitis Due to Food and Vomit *(J69.0)*	1,157	9.6
Other Pneumonitis Due to Solids and Liquids *(J69.1-J69.8)*	0	-
Other Lung Diseases Due to External Agents *(J67,J70)*	4	0.0
Suppurative and Necrotic Conditions of Lower Respiratory Tract *(J85-J86)*	56	0.5
Pleural Effusion and Plaque *(J90,J92)*	47	0.4
All Other Diseases of Respiratory System *(J80-J84,J93-J98)*	1,399	11.7
Diseases of the Digestive System *(K00-K92)*	4,140	34.5
Diseases of Oral Cavity, Salivary Glands and Jaws *(K00-K14)*	7	0.1
Diseases of Other Parts of Digestive System *(K20-K92)*	4,133	34.5
Diseases of Esophagus *(K20-K22)*	106	0.9
Peptic Ulcer *(K25-K28)*	174	1.5
Gastric Ulcer *(K25)*	52	0.4
Duodenal Ulcer *(K26)*	59	0.5
Peptic Ulcer, Site Unspecified *(K27)*	63	0.5
Gastrojejunal Ulcer *(K28)*	0	-
Gastritis and Duodenitis *(K29)*	11	0.1

*Rate per 100,000 population, 1999.

Table C-14
Resident Deaths by Cause, Number and Rate: Pennsylvania, 1999 (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)*	28	0.2
Diseases of Appendix *(K35-K38)*	11	0.1
Hernia *(K40-K46)*	77	0.6
Crohn's Disease and Ulcerative Colitis *(K50-K51)*	35	0.3
Vascular Disorders and Obstruction of Intestine Without Hernia *(K55-K56)*	799	6.7
Diverticular Disease of Intestine *(K57)*	138	1.2
Other Diseases of Intestines and Peritoneum *(K52,K58-K63)*	242	2.0
Diseases of Peritoneum *(K65-K66)*	111	0.9
Diseases of Liver *(K70-K76)*	1,548	12.9
Alcoholic Liver Disease *(K70)*	274	2.3
Chronic Hepatitis, Not Elsewhere Classified *(K73)*	19	0.2
Fibrosis and Cirrhosis of Liver *(K74)*	725	6.0
Other Diseases of Liver *(K71-K72,K75-K76)*	530	4.4
Cholelithiasis and Other Disorders of Gallbladder *(K80-K82)*	100	0.8
Disorders of Biliary Tract and Pancreas *(K83-K86)*	203	1.7
Pancreatitis *(K85,K86.0-K86.1)*	141	1.2
Other Disorders of Biliary Tract and Pancreas *(K83,K86.2-K86.9)*	62	0.5
All Other Diseases of Digestive System *(K90,K92)*	550	4.6
Diseases of the Skin and Subcutaneous Tissue *(L00-L98)*	182	1.5
Infections of Skin and Subcutaneous Tissue *(L00-L08)*	56	0.5
Other and Unspecified Diseases of Skin and Subcutaneous Tissue *(L10-L98)*	126	1.1
Diseases of the Musculoskeletal System and Connective Tissue *(M00-M99)*	641	5.3
Rheumatoid Arthritis and Related Inflammatory Polyarthropathies *(M05-M08)*	139	1.2
Systemic Lupus Erythematosus *(M32)*	42	0.4
Other Arthropathies and Related Disorders *(M00,M02,M10-M31,M33-M35)*	233	1.9
Dorsopathies *(M40-M54)*	28	0.2
Soft Tissue Disorders *(M60-M79)*	37	0.3
Osteopathies, Chondropathies and Other Disorders of Musculoskeletal System and Connective Tissue *(M80-M99)*	162	1.4
Osteoporosis *(M80-M81)*	78	0.7
Other Osteopathies, Chondropathies and Disorders of Musculoskeletal System and Connective Tissue *(M83-M99)*	84	0.7
Diseases of the Genitourinary System *(N00-N98)*	3,519	29.3
Diseases of Urinary System *(N00-N39)*	3,476	29.0
Glomerular and Renal Tubulo-Interstitial Diseases *(N00-N15)*	84	0.7
Glomerular Diseases *(N00-N07)*	34	0.3
Acute and Rapidly Progressive Nephritic Syndrome *(N00-N01)*	3	0.0
Nephrotic Syndrome *(N04)*	8	0.1
Other and Unspecified Glomerular Diseases *(N02-N03,N05-N07)*	23	0.2
Renal Tubulo-Interstitial Diseases *(N10-N15)*	50	0.4
Renal Failure *(N17-N19)*	2,634	22.0
Urolithiasis *(N20-N23)*	13	0.1
Other and Unspecified Disorders of Kidney *(N25-N27)*	4	0.0
Urinary Tract Infection, Site Not Specified *(N39.0)*	698	5.8
Other Diseases of Urinary System *(N28-N36,N39.1-N39.9)*	43	0.4
Diseases of Male Genital Organs *(N40-N50)*	23	0.2
Hyperplasia of Prostate *(N40)*	14	0.1
Other Diseases of Male Genital Organs *(N41-N50)*	9	0.1
Disorders of Breast *(N60-N64)*	3	0.0
Disorders of Female Genital Organs *(N70-N98)*	17	0.1
Inflammatory Diseases of Female Pelvic Organs *(N70-N76)*	6	0.1
Noninflammatory Disorders of Female Genital Tract *(N80-N98)*	11	0.1

*Rate per 100,000 population, 1999.

Table C-14

Resident Deaths by Cause, Number and Rate: Pennsylvania, 1999 (Cont.)

Cause of Death *(Based on the Tenth Revision, International Classification of Diseases)*	Number of Deaths	Rate*
Pregnancy, Childbirth and the Puerperium *(O00-O99)*	13	0.1
Pregnancy with Abortive Outcome *(O00-O07)*	1	0.0
Ectopic Pregnancy *(O00)*	1	0.0
Spontaneous Abortion *(O03)*	0	-
Medical Abortion *(O04)*	0	-
Other Abortion *(O05)*	0	-
Other and Unspecified Pregnancy With Abortive Outcome *(O01-O02,O06-O07)*	0	-
Other Direct Obstetric Deaths *(O10-O92)*	8	0.1
Eclampsia and Pre-Eclampsia *(O11,O13-O16)*	3	0.0
Hemorrhage of Pregnancy and Childbirth and Placenta Previa *(O20,O44-O46,O67,O72)*	1	0.0
Complications Predominantly Related to the Puerperium *(O85-O92)*	3	0.0
Obstetric Embolism *(O88)*	2	0.0
Other Complications Predominately Related to the Puerperium *(O85-O87,O89-O92)*	1	0.0
All Other Direct Obstetric Causes *(O10,O12,O21-O43,O47-O66, O68-O71,O73-O75)*	1	0.0
Obstetric Death of Unspecified Cause *(O95)*	0	-
Other Deaths Related to Pregnancy, Childbirth and the Puerperium *(O96-O97)*	2	0.0
Indirect Obstetric Deaths *(O98-O99)*	2	0.0
Certain Conditions Originating in the Perinatal Period *(P00-P96)*	570	4.8
Newborn Affected by Maternal Factors and by Complications of Pregnancy, Labor and Delivery *(P00-P04)*	136	1.1
Disorders Related to Short Gestation and Low Birth Weight, Not Elsewhere Classified *(P07)*	184	1.5
Birth Trauma *(P10-P15)*	2	0.0
Intrauterine Hypoxia and Birth Asphyxia *(P20-P21)*	25	0.2
Respiratory Distress of Newborn *(P22)*	44	0.4
Other Respiratory Conditions Originating in the Perinatal Period *(P23-P28)*	57	0.5
Infections Specific to the Perinatal Period *(P35-P39)*	37	0.3
Other and Unspecified Conditions Originating in the Perinatal Period *(P05,P08,P29,P50-P96)*	85	0.7
Congenital Malformations, Deformations and Chromosomal Abnormalities *(Q00-Q99)*	367	3.1
Anencephaly and Similar Malformations *(Q00)*	12	0.1
Spina Bifida *(Q05)*	3	0.0
All Other Congenital Malformations of Nervous System *(Q01-Q04,Q06-Q07)*	22	0.2
Congenital Malformations of Heart *(Q20-Q24)*	125	1.0
Other Congenital Malformations of Circulatory System *(Q25-Q28)*	32	0.3
Congenital Malformations of Respiratory System *(Q30-Q34)*	15	0.1
Other Congenital Malformations and Deformations *(Q10-Q18,Q35-Q89)*	99	0.8
Down Syndrome *(Q90)*	28	0.2
All Other Chromosomal Abnormalities, Not Elsewhere Classified *(Q91-Q99)*	31	0.3
Symptoms, Signs and Abnormal Clinical and Laboratory Findings, Not Elsewhere Classified *(R00-R99)*	1,669	13.9
Senility *(R54)*	36	0.3

* Rate per 100,000 population, 1999.

Table C-14 Revised

Resident Deaths by Cause, Number and Rate: Pennsylvania, 1999 (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)*	1,068	8.9
Sudden Infant Death Syndrome *(R95)*	109	0.9
Other Ill-Defined and Unknown Causes of Mortality *(R96-R99)*	959	8.0
All Other Symptoms, Signs and Abnormal Clinical and Laboratory Findings, Not Elsewhere Classified *(R00-R53,R55-R94)*	565	4.7
External Causes of Mortality *(V01-Y89)*	6,780	56.5
Accidents *(V01-X59,Y85-Y86)*	4,505	37.6
Transport Accidents *(V01-V99,Y85)*	1,676	14.0
Railway Accidents *(V05,V15,V80.6,V81.2-V81.9)*	18	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)*	1,521	12.7
Pedestrian Involved in Collision With Motor Vehicle *(V02-V04)*	105	0.9
Pedalcyclist Involved in Collision With Motor Vehicle *(V12-V14, V19.0-V19.2,V19.4-V19.6)*	13	0.1
Motorcyclist Involved in Any Accident Except Collision With Railway Train *(V20-V24,V26-V34,V36-V39)*	79	0.7
Motor Vehicle Accident Involving Collision With Railway Train *(V25, V35, V45,V55,V65,V75,V81.0-V81.1,V87.6,V88.6)*	4	0.0
Motorcyclist Involved in Collision With Railway Train *(V25,V35)*	1	0.0
Other Motor Vehicle Accident Involving Collision With Railway Train *(V45,V55,V65,V75,V81.0-V81.1,V87.6,V88.6)*	3	0.0
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)*	89	0.7
Occupant of Car, Pickup Truck or Van Involved in Collision With Other Motor Vehicle *(V42-V44,V49,V52-V54,V59)*	247	2.1
Occupant of Heavy Transport Vehicle or Bus Involved in Collision With Other Motor Vehicle *(V62-V64,V69,V72-V74,V79)*	8	0.1
Occupant of Motor Vehicle Involved in Noncollision Accident *(V48, V58,V68,V78)*	48	0.4
Occupant of Special-Use Motor Vehicle Involved in Any Accident *(V83-V86)*	34	0.3
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)*	894	7.5
Streetcar Accidents *(V82.2-V82.9)*	0	-
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)*	95	0.8
Water Transport Accidents *(V90-V94)*	7	0.1
Air and Space Transport Accidents *(V95-V97)*	15	0.1
Other and Unspecified Transport Accidents and Their Sequelae *(V98-V99,Y85)*	20	0.2
Falls *(W00-W19)*	687	5.7
Fall on Same Level *(W00-W09,W18)*	123	1.0
Fall From One Level to Another *(W10-W17)*	241	2.0
Unspecified Fall *(W19)*	323	2.7
Accidental Discharge of Firearms *(W32-W34)*	35	0.3
Accidental Explosion *(W39-W40)*	10	0.1
Accidental Drowning and Submersion *(W65-W74)*	98	0.8
Accidental Inhalation and Ingestion of Food or Other Objects Causing Obstruction of Respiratory Tract *(W78-W80)*	245	2.0
Other Accidental and Unspecified Threats to Breathing *(W75-W77, W81-W84)*	108	0.9
Accidental Exposure to Electric Current *(W85-W87)*	8	0.1
Accidental Exposure to Radiation *(W88-W91)*	0	-
Accidental Exposure to Smoke, Fire and Flames *(X00-X09)*	162	1.4

*Rate per 100,000 population, 1999.

Table C-14

Resident Deaths by Cause, Number and Rate: Pennsylvania, 1999 (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)*	5	0.0
Lightning *(X33)*	0	-
Earthquake, Volcanic Eruption, Avalanche, Landslide and Other Earth Movements *(X34-X36)*	0	-
Cataclysmic Storm and Flood *(X37-X38)*	0	-
Accidental Poisoning and Exposure to Noxious Substances *(X40-X49)*	734	6.1
Accidental Poisoning by and Exposure to Drugs and Other Biological Substances *(X40-X44)*	694	5.8
Accidental Poisoning by and Exposure to Other and Unspecified Solid or Liquid Substances *(X45-X46,X48-X49)*	9	0.1
Accidental Poisoning by and Exposure to Other Gases/Vapors *(X47)*	31	0.3
All Other and Unspecified Accidents and Their Sequelae *(W20-W31, W35-W38,W41-W64,W92-W99,X20-X32,X39,X50-X59,Y86)*	737	6.1
Intentional Self-Harm (Suicide) *(X60-X84,Y87.0)*	1,272	10.6
Intentional Self-Poisoning (Suicide) by and Exposure to Drugs and Other Biological Substances *(X60-X64)*	138	1.2
Intentional Self-Poisoning (Suicide) by and Exposure to Other and Unspecified Solid or Liquid Substances and Their Vapors *(X65-X66,X68-X69)*	8	0.1
Intentional Self-Poisoning (Suicide) by Exposure to Other Gases/Vapors *(X67)*	59	0.5
Intentional Self-Harm (Suicide) by Hanging, Strangulation and Suffocation *(X70)*	260	2.2
Intentional Self-Harm (Suicide) by Discharge of Firearms *(X72-X74)*	703	5.9
Intentional Self-Harm (Suicide) by Jumping From a High Place *(X80)*	31	0.3
Intentional Self-Harm (Suicide) by All Other and Unspecified Means and Their Sequelae *(X71,X75-X79,X81-X84,Y87.0)*	73	0.6
Assault (Homicide) *(X85-Y09,Y87.1)*	634	5.3
Assault (Homicide) by Drugs, Biological Substances and Other and Unspecified Noxious Substances *(X85-X90)*	8	0.1
Assault (Homicide) by Hanging, Strangulation and Suffocation *(X91)*	17	0.1
Assault (Homicide) by Discharge of Firearms *(X93-X95)*	428	3.6
Assault (Homicide) by Sharp Object *(X99)*	41	0.3
Assault (Homicide) by Blunt Object *(Y00)*	0	-
Assault (Homicide) by Bodily Force *(Y04)*	6	0.1
Sexual Assault (Homicide) by Bodily Force *(Y05)*	0	-
Neglect, Abandonment and Other Maltreatment Syndromes *(Y06-Y07)*	5	0.0
Assault (Homicide) by All Other and Unspecified Means and Their Sequelae *(X92,X96-X98,Y01-Y03,Y08-Y09,Y87.1)*	129	1.1
Event of Undetermined Intent *(Y10-Y34,Y87.2,Y89.9)*	194	1.6
Poisoning by and Exposure to Drugs and Biological Substances, Undetermined Intent *(Y10-Y14)*	132	1.1
Poisoning by and Exposure to Other and Unspecified Solid or Liquid Substance, Undetermined Intent *(Y15-Y16,Y18-Y19)*	5	0.0
Poisoning by and Exposure to Other Gases/Vapors, Undetermined Intent *(Y17)*	7	0.1
Discharge of Firearms, Undetermined Intent *(Y22-Y24)*	10	0.1
Falling, Jumping or Pushed From a High Place, Undetermined Intent *(Y30)*	2	0.0
All Other and Unspecified Events of Undetermined Intent and Their Sequelae *(Y20-Y21,Y25-Y29,Y31-Y34,Y87.2,Y89.9)*	38	0.3
Legal Intervention *(Y35,Y89.0)*	8	0.1
Legal Execution *(Y35.5)*	1	0.0
Other Legal Intervention and Their Sequelae *(Y35.0-Y35.4,Y35.6-Y35.7,Y89.0)*	7	0.1
Operations of War and Their Sequelae *(Y36,Y89.1)*	0	-
Complications of Medical and Surgical Care *(Y40-Y84,Y88)*	167	1.4
Drugs, Medicaments and Biological Substances Causing Adverse Effects in Therapeutic Use, and Their Sequelae *(Y40-Y59,Y88.0)*	13	0.1
Misadventures to Patients During Medical and Surgical Care and Their Sequelae *(Y60-Y69,Y88.1)*	8	0.1
Other Complications of Medical and Surgical Care and Their Sequelae *(Y70-Y84,Y88.2-Y88.3)*	146	1.2

*Rate per 100,000 population, 1999.

Table C-15
Resident Infant Deaths by Cause and Age at Death
Number and Rate: Pennsylvania, 1999

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	1,025	7.1	463	134	126	302
Certain Infectious and Parasitic Diseases *(A00-B99)*	30	0.2	0	0	2	28
Certain Intestinal Infectious Diseases *(A00-A08)*	2	0.0	0	0	0	2
Diarrhea and Gastroenteritis of Presumed Infectious Origin *(A09)*	0	-	0	0	0	0
Tuberculosis *(A16-A19)*	1	0.0	0	0	0	1
Tetanus *(A33,A35)*	0	-	0	0	0	0
Diphtheria *(A36)*	0	-	0	0	0	0
Whooping Cough *(A37)*	0	-	0	0	0	0
Meningococcal Infection *(A39)*	0	-	0	0	0	0
Septicemia *(A40-A41)*	15	0.1	0	0	0	15
Congenital Syphilis *(A50)*	0	-	0	0	0	0
Gonococcal Infection *(A54)*	0	-	0	0	0	0
Viral Diseases *(A80-B34)*	5	0.0	0	0	1	4
Acute Poliomyelitis *(A80)*	0	-	0	0	0	0
Varicella (Chickenpox) *(B01)*	0	-	0	0	0	0
Measles *(B05)*	0	-	0	0	0	0
Human Immunodeficiency Virus (HIV) Disease *(B20-B24)*	2	0.0	0	0	0	2
Mumps *(B26)*	0	-	0	0	0	0
Other and Unspecified Viral Diseases *(A81-B00,B02-B04, B06-B19,B25,B27-B34)*	3	0.0	0	0	1	2
Candidiasis *(B37)*	1	0.0	0	0	0	1
Malaria *(B50-B54)*	0	-	0	0	0	0
Pneumocystosis *(B59)*	0	-	0	0	0	0
Other and Unspecified Infectious and Parasitic Diseases and Their Sequelae *(A20-A32,A38,A42-A49,A51-A53,A55-A79,B35-B36, B38-B49,B55-B58,B60-B99)*	6	0.0	0	0	1	5
Neoplasms *(C00-D48)*	7	0.0	2	1	1	3
Malignant Neoplasms *(C00-C97)*	4	0.0	1	0	1	2
Hodgkin's Disease and Non-Hodgkin's Lymphomas *(C81-C85)*	0	-	0	0	0	0
Leukemia *(C91-C95)*	1	0.0	0	0	0	1
Other and Unspecified Malignant Neoplasms *(C00-C80,C88, C90,C96-C97)*	3	0.0	1	0	1	1
In Situ Neoplasms, Benign Neoplasms and Neoplasms of Uncertain or Unknown Behavior *(D00-D48)*	3	0.0	1	1	0	1
Diseases of the Blood and Blood-Forming Organs and Certain Disorders Involving the Immune Mechanism *(D50-D89)*	1	0.0	0	1	0	0
Anemias *(D50-D64)*	0	-	0	0	0	0
Hemorrhagic Conditions and Other Diseases of Blood and Blood-Forming Organs *(D65-D76)*	1	0.0	0	1	0	0
Certain Disorders Involving the Immune Mechanism *(D80-D89)*	0	-	0	0	0	0
Endocrine, Nutritional and Metabolic Diseases *(E00-E88)*	8	0.1	1	0	1	6
Short Stature, Not Elsewhere Classified *(E34.3)*	0	-	0	0	0	0
Nutritional Deficiencies *(E40-E64)*	0	-	0	0	0	0
Cystic Fibrosis *(E84)*	1	0.0	0	0	0	1

*Rate per 1,000 live births.

Table C-15
Resident Infant Deaths by Cause and Age at Death
Number and Rate: Pennsylvania, 1999 (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)*	2	0.0	0	0	0	2
All Other Endocrine, Nutritional and Metabolic Diseases *(E00-E32, E34.0-E34.2,E34.4-E34.9,E65-E83,E85,E88)*	5	0.0	1	0	1	3
Diseases of the Nervous System *(G00-G98)*	21	0.1	0	1	3	17
Meningitis *(G00,G03)*	3	0.0	0	0	0	3
Infantile Spinal Muscular Atrophy, Type I *(G12.0)*	3	0.0	0	0	0	3
Infantile Cerebral Palsy *(G80)*	0	-	0	0	0	0
Anoxic Brain Damage, Not Elsewhere Classified *(G93.1)*	4	0.0	0	0	0	4
Other Diseases of Nervous System *(G04,G06-G11,G12.1-G12.9, G20-G72,G81-G92,G93.0,G93.2-G93.9,G95-G98)*	11	0.1	0	1	3	7
Diseases of the Ear and Mastoid Process *(H60-H93)*	0	-	0	0	0	0
Diseases of the Circulatory System *(I00-I99)*	26	0.2	2	3	12	9
Pulmonary Heart Disease and Diseases of Pulmonary Circulation *(I26-I28)*	14	0.1	2	3	5	4
Pericarditis, Endocarditis and Myocarditis *(I30,I33,I40)*	0	-	0	0	0	0
Cardiomyopathy *(I42)*	3	0.0	0	0	1	2
Cardiac Arrest *(I46)*	0	-	0	0	0	0
Cerebrovascular Diseases *(I60-I69)*	4	0.0	0	0	1	3
All Other Diseases of Circulatory System *(I00-I25,I31,I34-I38, I44-I45,I47-I51,I70-I99)*	5	0.0	0	0	5	0
Diseases of the Respiratory System *(J00-J98)*	28	0.2	1	0	1	26
Acute Upper Respiratory Infections *(J00-J06)*	0	-	0	0	0	0
Influenza and Pneumonia *(J10-J18)*	14	0.1	0	0	0	14
Influenza *(J10-J11)*	1	0.0	0	0	0	1
Pneumonia *(J12-J18)*	13	0.1	0	0	0	13
Acute Bronchitis and Acute Bronchiolitis *(J20-J21)*	1	0.0	0	0	0	1
Bronchitis, Chronic and Unspecified *(J40-J42)*	1	0.0	0	0	0	1
Asthma *(J45-J46)*	0	-	0	0	0	0
Pneumonitis Due to Solids and Liquids *(J69)*	0	-	0	0	0	0
Other and Unspecified Diseases of Respiratory System *(J22, J30-J39,J43-J44,J47-J68,J70-J98)*	12	0.1	1	0	1	10
Diseases of the Digestive System *(K00-K92)*	15	0.1	0	1	0	14
Gastritis, Duodenitis, and Noninfective Enteritis and Colitis *(K29, K50-K55)*	9	0.1	0	1	0	8
Hernia of Abdominal Cavity and Intestinal Obstruction Without Hernia *(K40-K46, K56)*	1	0.0	0	0	0	1
All Other and Unspecified Diseases of Digestive System *(K00-K28, K30-K38,K57-K92)*	5	0.0	0	0	0	5
Diseases of the Genitourinary System *(N00-N98)*	7	0.0	0	2	0	5
Renal Failure and Other Disorders of Kidney *(N17-N19,N25,N27)*	5	0.0	0	2	0	3
Other and Unspecified Diseases of Genitourinary System *(N00-N15,N20-N23,N26,N28-N98)*	2	0.0	0	0	0	2

*Rate per 1,000 live births.

Table C-15
Resident Infant Deaths by Cause and Age at Death
Number and Rate: Pennsylvania, 1999 (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)*	564	3.9	383	87	72	22
Newborn Affected by Maternal Factors and by Complications of Pregnancy, Labor and Delivery *(P00-P04)*	136	0.9	123	8	4	1
Newborn Affected by Maternal Hypertensive Disorders (P00.0)	4	0.0	4	0	0	0
Newborn Affected by Other Maternal Conditions Which May be Unrelated to Present Pregnancy *(P00.1-P00.9)*	3	0.0	2	0	1	0
Newborn Affected by Maternal Complications of Pregnancy *(P01)*	77	0.5	74	2	0	1
Newborn Affected by Incompetent Cervix *(P01.0)*	23	0.2	23	0	0	0
Newborn Affected by Premature Rupture of Membranes *(P01.1)*	37	0.3	36	1	0	0
Newborn Affected by Multiple Pregnancy *(P01.5)*	13	0.1	11	1	0	1
Newborn Affected by Other Maternal Complications of Pregnancy *(P01.2-P01.4,P01.6-P01.9)*	4	0.0	4	0	0	0
Newborn Affected by Complications of Placenta, Cord and Membranes *(P02)*	45	0.3	37	6	2	0
Newborn Affected by Complications Involving Placenta *(P02.0-P02.3)*	21	0.1	15	5	1	0
Newborn Affected by Complications Involving Cord *(P02.4-P02.6)*	1	0.0	1	0	0	0
Newborn Affected by Chorioamnionitis *(P02.7)*	23	0.2	21	1	1	0
Newborn Affected by Other and Unspecified Abnormalities of Membranes *(P02.8-P02.9)*	0	-	0	0	0	0
Newborn Affected by Other Complications of Labor and Delivery *(P03)*	6	0.0	5	0	1	0
Newborn Affected by Noxious Influences Transmitted Via Placenta or Breast Milk *(P04)*	1	0.0	1	0	0	0
Disorders Related to Length of Gestation and Fetal Malnutrition *(P05-P08)*	190	1.3	172	10	4	4
Slow Fetal Growth and Fetal Malnutrition *(P05)*	6	0.0	4	1	1	0
Disorders Related to Short Gestation and Low Birth Weight, Not Elsewhere Classified *(P07)*	184	1.3	168	9	3	4
Extremely Low Birth Weight or Extreme Immaturity *(P07.0,P07.2)*	142	1.0	132	7	3	0
Other Low Birth Weight or Preterm *(P07.1,P07.3)*	42	0.3	36	2	0	4
Disorders Related to Long Gestation and High Birth Weight *(P08)*	0	-	0	0	0	0
Birth Trauma *(P10-P15)*	1	0.0	0	1	0	0
Intrauterine Hypoxia and Birth Asphyxia *(P20-P21)*	24	0.2	8	9	6	1
Intrauterine Hypoxia *(P20)*	3	0.0	2	1	0	0
Birth Asphyxia *(P21)*	21	0.1	6	8	6	1
Respiratory Distress of Newborn *(P22)*	44	0.3	17	20	5	2
Other Respiratory Conditions Originating In the Perinatal Period *(P23-P28)*	54	0.4	18	18	11	7
Congenital Pneumonia *(P23)*	2	0.0	0	1	0	1
Neonatal Aspiration Syndromes *(P24)*	0	-	0	0	0	0
Interstitial Emphysema and Related Conditions Originating In the Perinatal Period *(P25)*	12	0.1	3	3	6	0
Pulmonary Hemorrhage Originating In the Perinatal Period *(P26)*	13	0.1	0	12	1	0
Chronic Respiratory Disease Originating In the Perinatal Period *(P27)*	7	0.0	0	0	1	6
Atelectasis *(P28.0-P28.1)*	18	0.1	14	2	2	0
All Other Respiratory Conditions Originating In the Perinatal Period *(P28.2-P28.9)*	2	0.0	1	0	1	0

*Rate per 1,000 live births.

Table C-15
Resident Infant Deaths by Cause and Age at Death
Number and Rate: Pennsylvania, 1999 (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)*	37	0.3	9	6	21	1
Bacterial Sepsis of Newborn *(P36)*	30	0.2	8	6	16	0
Omphalitis of Newborn With or Without Mild Hemorrhage *(P38)*	0	-	0	0	0	0
All Other Infections Specific to the Perinatal Period *(P35,P37,P39)*	7	0.0	1	0	5	1
Hemorrhagic and Hematological Disorders of Newborn *(P50-P61)*	24	0.2	5	8	8	3
Neonatal Hemorrhage *(P50-P52,P54)*	23	0.2	4	8	8	3
Hemorrhagic Disease of Newborn *(P53)*	0	-	0	0	0	0
Hemolytic Disease of Newborn Due to Isoimmunization and Other Perinatal Jaundice *(P55-P59)*	0	-	0	0	0	0
Hematological Disorders *(P60-P61)*	1	0.0	1	0	0	0
Syndrome of Infant of a Diabetic Mother and Neonatal Diabetes Mellitus *(P70.0-P70.2)*	0	-	0	0	0	0
Necrotizing Enterocolitis of Newborn *(P77)*	12	0.1	0	2	7	3
Hydrops Fetalis Not Due to Hemolytic Disease *(P83.2)*	6	0.0	6	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)*	36	0.2	25	5	6	0
Congenital Malformations, Deformations and Chromosomal Abnormalities *(Q00-Q99)*	160	1.1	71	34	19	36
Anencephaly and Similar Malformations *(Q00)*	12	0.1	11	1	0	0
Congenital Hydrocephalus *(Q03)*	3	0.0	1	2	0	0
Spinal Bifida *(Q05)*	0	-	0	0	0	0
Other Congenital Malformations of Nervous System *(Q01-Q02,Q04,Q06-Q07)*	11	0.1	6	1	1	3
Congenital Malformations of Heart *(Q20-Q24)*	35	0.2	6	11	6	12
Other Congenital Malformations of Circulatory System *(Q25-Q28)*	2	0.0	0	0	1	1
Congenital Malformations of Respiratory System *(Q30-Q34)*	13	0.1	6	6	1	0
Congenital Malformations of Digestive System *(Q35-Q45)*	3	0.0	0	0	0	3
Congenital Malformations of Genitourinary System *(Q50-Q64)*	17	0.1	13	1	2	1
Congenital Malformations and Deformations of Musculoskeletal System, Limbs and Integument *(Q65-Q85)*	14	0.1	5	1	2	6
Down Syndrome *(Q90)*	2	0.0	2	0	0	0
Edward's Syndrome *(Q91.0-Q91.3)*	12	0.1	3	2	4	3
Patau's Syndrome *(Q91.4-Q91.7)*	8	0.1	2	4	1	1
Other Congenital Malformations and Deformations *(Q10-Q18,Q86-Q89)*	21	0.1	15	4	0	2
Other Chromosomal Abnormalities, Not Elsewhere Classified *(Q92-Q99)*	7	0.0	1	1	1	4
Symptoms, Signs and Abnormal Clinical and Laboratory Findings, Not Elsewhere Classified *(R00-R99)*	123	0.8	2	1	13	107
Sudden Infant Death Syndrome *(R95)*	109	0.8	1	0	11	97
Other Symptoms, Signs and Abnormal Clinical and Laboratory Findings, Not Elsewhere Classified *(R00-R53,R55-R94, R96-R99)*	14	0.1	1	1	2	10
All Other Diseases (Residual) *F01-F99,H00-H57,L00-M99)*	2	0.0	0	0	0	2

*Rate per 1,000 live births.

Table C-15
Resident Infant Deaths by Cause and Age at Death
Number and Rate: Pennsylvania, 1999 (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
External Causes of Mortality *(V01-Y89)*	33	0.2	1	3	2	27
Accidents *(V01-X59,Y85-Y86)*	20	0.1	0	2	2	16
Transport Accidents *(V01-V99),Y85)*	2	0.0	0	0	1	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)*	2	0.0	0	0	1	1
Other and Unspecified Transport Accidents and Their Sequelae *(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)*	0	-	0	0	0	0
Falls *(W00-W19)*	1	0.0	0	0	0	1
Accidental Discharge of Firearms *(W32-W34)*	0	-	0	0	0	0
Accidental Drowning and Submersion *(W65-W74)*	1	0.0	0	0	0	1
Accidental Suffocation and Strangulation In Bed *(W75)*	5	0.0	0	1	0	4
Other Accidental Suffocation and Strangulation *(W76-W77, W81-W84)*	4	0.0	0	1	0	3
Accidental Inhalation and Ingestion of Food or Other Objects Causing Obstruction of Respiratory Tract *(W78-W80)*	1	0.0	0	0	0	1
Accidents Caused by Exposure to Smoke, Fire and Flames *(X00-X09)*	4	0.0	0	0	0	4
Accidental Poisoning and Exposure to Noxious Substances *(X40-X49)*	0	-	0	0	0	0
Other and Unspecified Accidents and Their Sequelae *(W20-W31, W35-W64,W85-W99,X10-X39,X50-X59,Y86)*	2	0.0	0	0	1	1
Assault (Homicide) *(X85-Y09,Y87.1)*	10	0.1	0	1	0	9
Assault (Homicide) by Hanging, Strangulation and Suffocation *(X91)*	1	0.0	0	0	0	1
Assault (Homicide) by Discharge of Firearms *(X93-X95)*	0	-	0	0	0	0
Neglect, Abandonment and Other Maltreatment Syndromes *(Y06-Y07)*	3	0.0	0	0	0	3
Assault (Homicide) by Other and Unspecified Means and Their Sequelae *(X85-X90,X92,X96-X99,Y00-Y05,Y08-Y09,Y87.1)*	6	0.0	0	1	0	5
Complications of Medical and Surgical Care *(Y40-Y84,Y88)*	2	0.0	1	0	0	1
Other External Causes and Their Sequelae *(X60-X84,Y10-Y36, Y87.0,Y87.2,Y89)*	1	0.0	0	0	0	1

*Rate per 1,000 live births.

Table C-16

Resident Fetal Deaths by Cause, Number and Rate: Pennsylvania, 1999

Cause of Death *(Based on the Tenth Revision, International Classification of Diseases)*	Number of Deaths	Rate*
All Causes	2,066	14.1
Certain Conditions Originating in the Perinatal Period *(P00-P96)*	1,925	13.1
Fetus Affected by Maternal Conditions That May be Unrelated to Present Pregnancy *(P00)*	45	0.3
Maternal Hypertensive Disorders *(P00.0)*	26	0.2
Maternal Infectious and Parasitic Diseases *(P00.2)*	8	0.1
Maternal Injury *(P00.5)*	8	0.1
Fetus Affected by Maternal Complications of Pregnancy *(P01)*	240	1.6
Incompetent Cervix *(P01.0)*	38	0.3
Premature Rupture of Membranes *(P01.1)*	186	1.3
Fetus Affected by Complications of Placenta, Cord and Membranes *(P02)*	391	2.7
Placenta Previa *(P02.0)*	2	0.0
Other Forms of Placental Separation and Hemorrhage *(P02.1)*	128	0.9
Other and Unspecified Morphological and Functional Abnormalities of Placenta *(P02.2)*	33	0.2
Placental Transfusion Syndromes *(P02.3)*	12	0.1
Prolapsed Cord *(P02.4)*	16	0.1
Other Compression of Umbilical Cord *(P02.5)*	112	0.8
Other and Unspecified Conditions of Umbilical Cord *(P02.6)*	50	0.3
Chorioamnionitis *(P02.7)*	38	0.3
Fetus Affected by Other Complications of Labor and Delivery *(P03)*	7	0.0
Fetus Affected by Noxious Influences Transmitted Via Placenta *(P04)*	12	0.1
Slow Fetal Growth and Fetal Malnutrition *(P05)*	9	0.1
Disorders Related to Short Gestation and Low Birth Weight, Not Elsewhere Classified *(P07)*	169	1.2
Disorders Related to Long Gestation and High Birth Weight *(P08)*	0	-
Birth Trauma *(P10-P15)*	0	-
Intrauterine Hypoxia and Birth Asphyxia *(P20-P21)*	24	0.2
Other Respiratory Conditions Originating In the Perinatal Period *(P23-P28)*	4	0.0
Infections Specific to the Perinatal Period *(P35-P39)*	1	0.0
Fetal Hemorrhage *(P50-P54)*	3	0.0
Hemolytic Disease of Fetus *(P55-P56)*	0	-
Perinatal Jaundice *(P57-P59)*	0	-
Hematological Disorders *(P60-P61)*	0	-
Transitory Endocrine and Metabolic Disorders Specific to Fetus *(P70-P74)*	12	0.1
Syndrome of Infant of a Diabetic Mother and Neonatal Diabetes Mellitus *(P70.0-P70.2)*	12	0.1
Digestive System Disorders of Fetus *(P76-P78)*	1	0.0
Other Conditions Originating In the Perinatal Period *(P80-P96)*	1,007	6.9
Termination of Pregnancy *(P96.4)*	466	3.2
Congenital Malformations, Deformations and Chromosomal Abnormalities *(Q00-Q99)*	141	1.0
Congenital Malformations of Nervous System *(Q00-Q07)*	33	0.2
Anencephaly and Similar Malformations *(Q00)*	19	0.1
Congenital Hydrocephalus *(Q03)*	2	0.0
Spina Bifida *(Q05)*	2	0.0
Congenital Malformations of Eye, Ear, Face and Neck *(Q10-Q18)*	0	-
Congenital Malformations of Heart *(Q20-Q24)*	6	0.0
Other Congenital Malformations of Circulatory System *(Q25-Q28)*	1	0.0
Congenital Malformations of Lung *(Q33)*	0	-
Other Congenital Malformations of Respiratory System *(Q30-Q32, Q34)*	0	-
Congenital Malformations of Digestive System *(Q35-Q45)*	0	-
Congenital Malformations of Genital Organs *(Q50-Q56)*	0	-
Congenital Malformations of Urinary System *(Q60-Q64)*	5	0.0
Congenital Malformations and Deformations of Musculoskeletal System, Limbs and Integument *(Q65-Q85)*	5	0.0
Other Congenital Malformations *(Q86-Q89)*	46	0.3
Chromosomal Abnormalities, Not Elsewhere Classified *(Q90-Q99)*	45	0.3
Other and Unknown Causes	0	-

*Rate per 1,000 deliveries (live births + fetal deaths).

Table C-17A
Deaths Due to Diseases of Heart, Number and Rate*:
Pennsylvania and United States, 1950-1999

	Pennsylvania		United States			Pennsylvania		United States	
Year	Number	Rate	Number	Rate	Year	Number	Rate	Number	Rate
1999	41,420	345.3	NA	NA	1974	50,625	427.7	738,171	349.2
1998	41,282	344.0	724,859	268.2	1973	52,730	443.0	757,075	360.8
1997	41,941	348.9	726,974	271.6	1972	53,098	445.2	755,864	363.0
1996	43,231	358.6	733,361	276.4	1971	53,222	448.0	743,368	360.5
1995	42,934	355.7	737,563	280.7	1970	52,476	444.7	735,542	362.0
1994	43,657	362.2	732,409	281.3	1969	52,816	447.5	739,265	367.1
1993	43,731	363.5	743,460	288.4	1968	54,398	462.7	744,658	373.5
1992	42,924	357.8	717,706	281.4	1967	53,121	456.1	721,268	364.5
1991	43,091	360.3	720,862	285.9	1966	53,874	462.7	727,002	371.2
1990	43,204	363.6	720,058	289.5	1965	52,685	456.7	712,087	367.4
1989	44,784	372.0	733,867	295.6	1964	52,078	454.5	699,861	365.7
1988	47,810	398.3	765,156	311.3	1963	53,495	468.3	707,830	375.2
1987	47,381	396.9	760,353	312.4	1962	52,751	463.7	688,009	370.1
1986	47,991	403.7	765,490	317.5	1961	51,735	451.1	663,391	362.4
1985	48,692	410.4	771,169	323.0	1960	51,431	454.4	661,712	369.0
1984	48,645	408.8	765,114	323.5	1959	50,196	443.3	641,044	363.2
1983	49,780	418.5	770,432	329.2	1958	49,673	447.5	637,246	367.7
1982	48,470	407.8	755,592	326.0	1957	49,393	442.4	628,504	369.6
1981	48,786	411.2	753,884	328.7	1956	47,796	429.4	602,995	361.1
1980	50,677	427.2	761,085	336.0	1955	46,690	421.8	584,620	356.5
1979	48,407	412.7	733,235	326.5	1954	44,382	407.3	560,077	348.3
1978	48,573	413.3	729,510	334.3	1953	45,784	422.8	570,275	361.2
1977	48,444	411.1	718,850	332.3	1952	44,246	412.2	555,141	357.4
1976	49,730	419.2	723,878	337.2	1951	44,443	419.4	545,675	356.8
1975	49,323	417.0	716,215	336.2	1950	43,793	416.4	535,705	356.8

* Rate per 100,000 population.

Notes: Data for 1999 based on ICD-10, 1979-1998 based on ICD-9, 1968-1978 based on ICD-8, 1958-1967 based on ICD-7, and 1950-1957 based on ICD-6 cause of death codes.
NA=Data not available.

Figure C-10
Diseases of Heart Death Rates
Pennsylvania and United States, 1950-1999

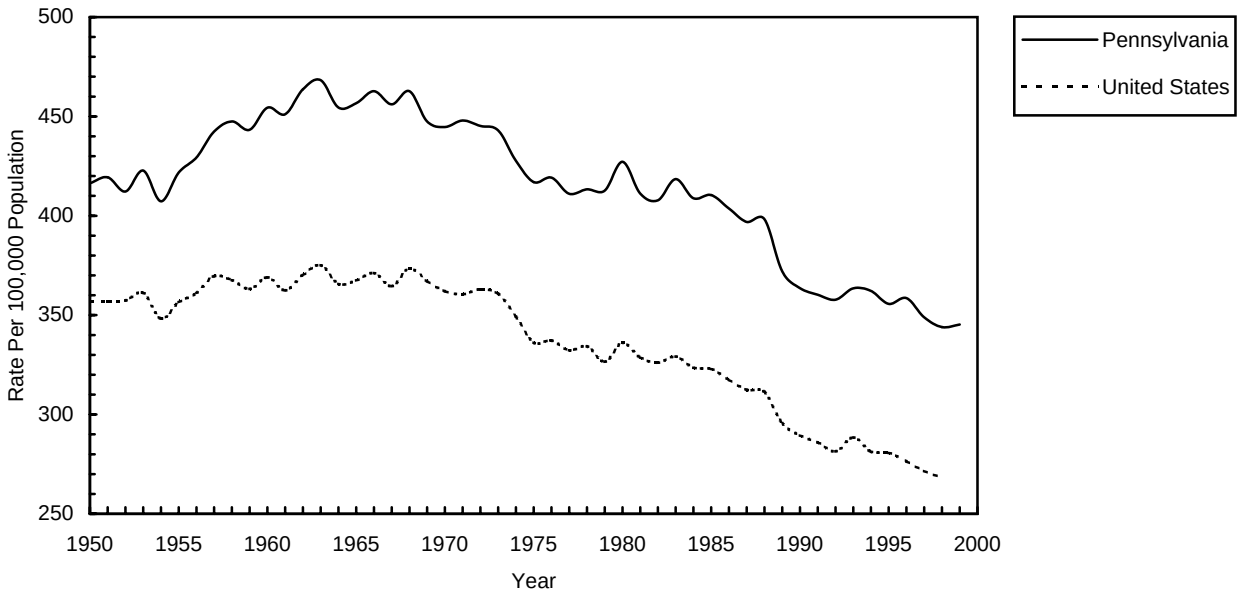


Table C-17B
Resident Diseases of Heart Deaths by Type and Sex
Number and Percent: Pennsylvania, 1999

Type of Diseases of Heart*	Total	Male **		Female	
		Number	Percent	Number	Percent
Total Diseases of Heart	41,420	19,306	100.0	22,114	100.0
Rheumatic Heart Disease	249	60	0.3	189	0.9
Hypertensive Heart Disease	759	296	1.5	463	2.1
Hypertensive Heart & Renal Disease	115	44	0.2	71	0.3
Acute Myocardial Infarction	11,729	5,987	31.0	5,742	26.0
Ischemic Excl. Myocardial Infarction	17,789	8,203	42.5	9,586	43.3
Other Heart Disease	10,779	4,716	24.4	6,063	27.4

* 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*
**Unknown sex included in the male category.

Figure C-11
Resident Diseases of Heart Deaths
Percent by Type, Pennsylvania, 1999

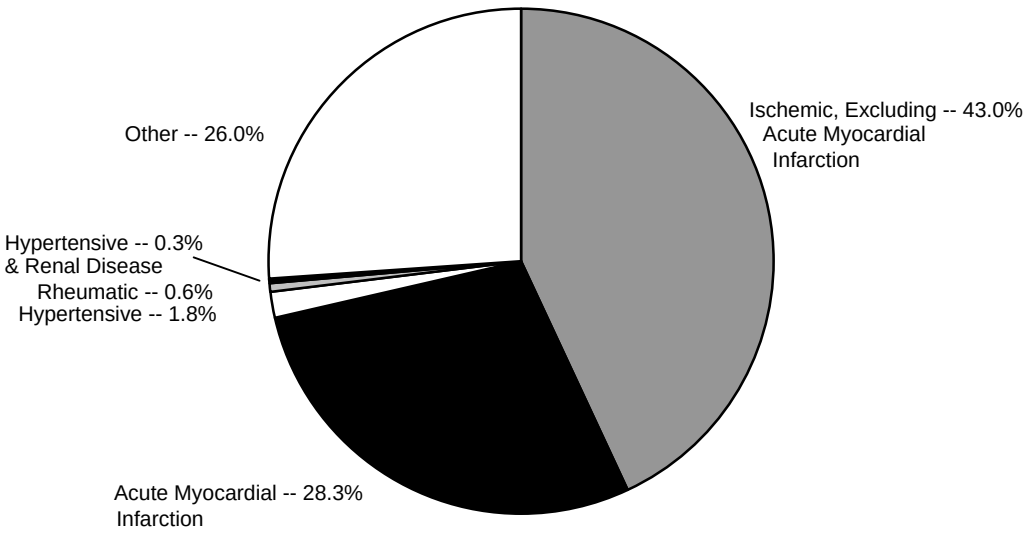


Table C-18A
Malignant Neoplasm Deaths, Number and Rate*:
Pennsylvania and United States, 1950-1999

	Pennsylvania		United States			Pennsylvania		United States	
Year	Number	Rate	Number	Rate	Year	Number	Rate	Number	Rate
1999	30,136	251.3	NA	NA	1974	23,239	196.4	360,472	170.5
1998	29,721	247.6	541,532	200.3	1973	22,709	190.8	351,055	167.3
1997	30,066	250.1	539,577	201.6	1972	22,733	190.6	345,618	166.0
1996	30,269	251.1	539,533	203.4	1971	22,364	188.3	337,398	163.6
1995	30,023	248.7	538,455	204.9	1970	22,013	186.5	330,730	162.3
1994	30,071	249.5	534,310	205.2	1969	22,124	187.4	323,092	160.4
1993	30,103	250.2	529,904	205.6	1968	22,065	187.7	318,547	159.8
1992	30,152	251.4	520,578	204.1	1967	21,450	184.2	310,983	157.2
1991	29,736	248.6	514,657	204.1	1966	21,182	182.0	303,736	155.1
1990	29,677	249.8	505,322	203.2	1965	20,767	180.0	297,588	153.5
1989	29,064	241.4	496,152	199.9	1964	20,611	179.9	289,577	151.3
1988	28,316	235.9	485,048	197.3	1963	20,316	177.8	285,362	151.3
1987	28,767	241.0	476,927	195.9	1962	20,003	175.8	278,562	149.9
1986	28,037	235.8	469,376	194.7	1961	19,933	173.8	273,502	149.4
1985	27,901	235.2	461,563	193.3	1960	19,612	173.3	267,627	149.2
1984	27,468	230.8	453,492	191.8	1959	19,218	169.7	260,047	147.3
1983	26,917	226.3	442,986	189.3	1958	18,856	169.9	254,426	146.8
1982	26,483	222.8	433,795	187.2	1957	19,066	170.8	253,183	148.7
1981	26,059	219.6	422,094	184.0	1956	18,726	168.2	247,357	147.9
1980	26,040	219.5	416,509	183.9	1955	18,259	164.0	240,681	146.5
1979	25,374	216.3	403,395	179.6	1954	17,974	165.0	234,669	145.6
1978	25,376	215.9	396,992	181.9	1953	17,531	161.9	229,079	144.7
1977	24,244	205.7	386,686	178.7	1952	17,335	161.5	223,277	143.3
1976	24,175	203.8	377,312	175.8	1951	16,678	157.4	215,525	140.5
1975	23,547	199.1	365,693	171.6	1950	16,326	155.2	210,733	139.8

* Rate per 100,000 population.

Notes: Data for 1999 based on ICD-10, 1979-1998 based on ICD-9, 1968-1978 based on ICD-8, 1958-1967 based on ICD-7, and 1950-1957 based on ICD-6 cause of death codes.
NA=Data not available.

Figure C-12
Malignant Neoplasm Death Rates
Pennsylvania and United States, 1950-1999

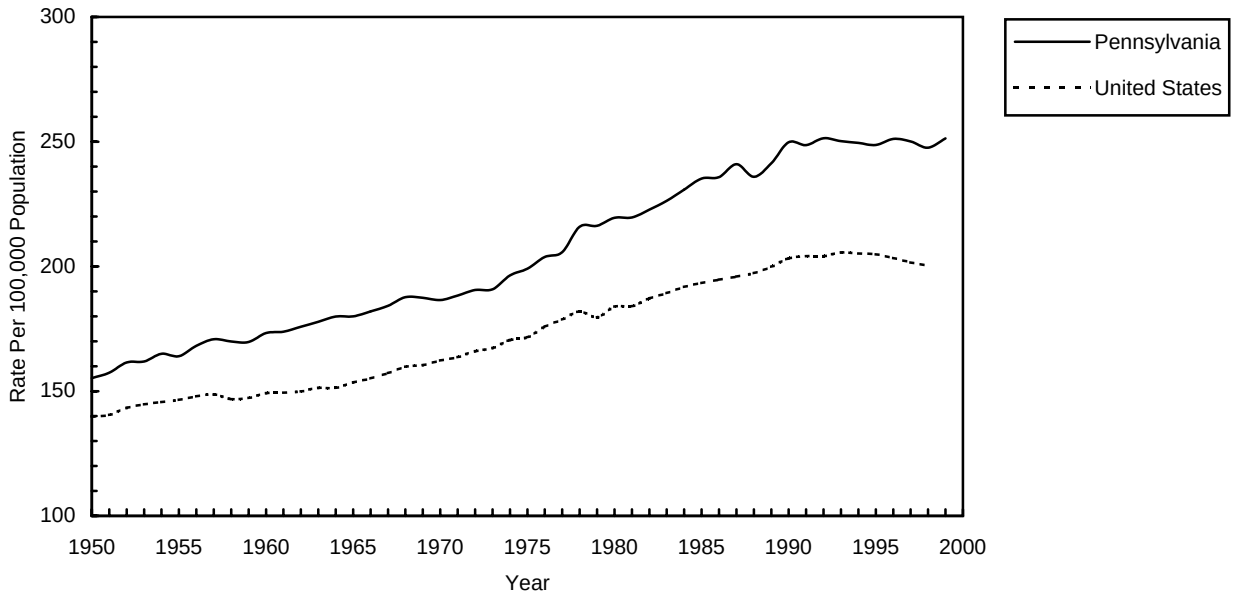


Table C-18B
Resident Malignant Neoplasm Deaths by Site and Age - Males*
Pennsylvania, 1999

	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	15,222	9	25	60	93	335	1,063	2,335	4,672	4,867	1,763
Trachea/ Bronchus/ Lung/ Pleura	4,561	0	0	0	6	61	313	813	1,678	1,368	322
Prostate	1,713	0	0	0	1	1	23	92	384	745	467
Colon	1,468	0	0	1	4	23	88	175	452	512	213
Pancreas	748	0	0	0	1	10	80	146	228	224	59
Non-Hodgkin's Lymphomas	653	0	2	3	6	28	54	91	183	217	69
Leukemia	592	3	7	16	12	17	34	72	165	196	70
Esophagus	522	0	0	0	3	19	62	111	180	114	33
All Other Sites	4,965	6	16	40	60	176	409	835	1,402	1,491	530

* Unknown sex included in the male category.
** The following 10th revision ICD codes were used in this table:
Trachea, Bronchus, Lung and Pleura = *C33-C34, C38.4*
Prostate = *C61*
Colon = *C18, C26.0*
Pancreas = *C25*
Non-Hodgkin's Lymphomas = *C82-C85, C96.2*
Leukemia = *C90.1, C91-C95*
Esophagus = *C15*
***Unknown age included in the 85+ age group.

Figure C-13
Resident Malignant Neoplasm Deaths - Males
Percent by Site, Pennsylvania, 1999

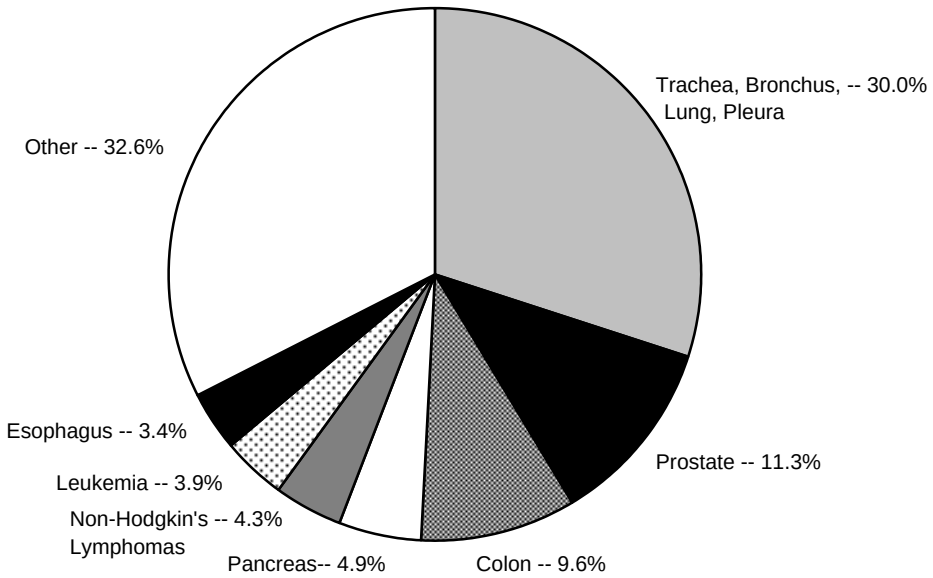


Table C-18C
Resident Malignant Neoplasm Deaths by Site and Age - Females
Pennsylvania, 1999

	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	14,914	14	18	16	94	409	1,125	1,990	3,818	4,796	2,634
Trachea/ Bronchus/ Lung/ Pleura	3,327	0	0	1	5	59	221	508	1,117	1,066	350
Breast	2,371	0	0	1	25	126	304	377	504	612	422
Colon	1,543	1	0	0	6	25	72	161	348	507	423
Pancreas	817	0	0	0	0	12	45	107	207	289	157
Ovary	790	0	0	0	5	26	84	141	197	241	96
Non-Hodgkin's Lymphomas	673	0	0	1	4	13	38	66	161	268	122
Leukemia	558	3	6	4	6	13	29	54	131	193	119
All Other Sites	4,835	10	12	9	43	135	332	576	1,153	1,620	945

* The following 10th revision ICD codes were used in this table:
Trachea, Bronchus, Lung and Pleura = *C33-C34, C38.4*
Breast = *C50*
Colon = *C18, C26.0*
Pancreas = *C25*
Ovary = *C56*
Non-Hodgkin's Lymphomas = *C82-C85, C96.2*
Leukemia = *C90.1, C91-C95*
**Unknown age included in the 85+ age group.

Figure C-14
Resident Malignant Neoplasm Deaths - Females
Percent by Site, Pennsylvania, 1999

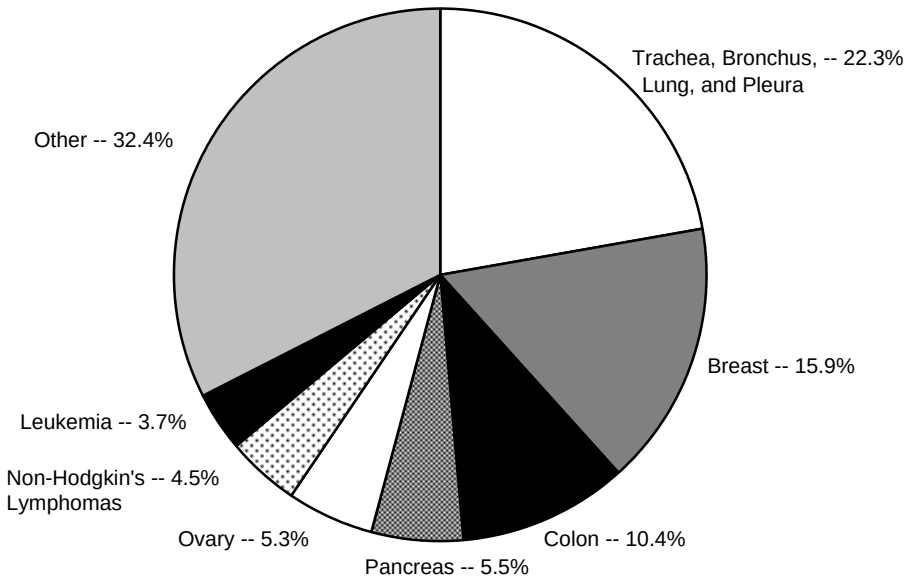


Table C-18D
Resident Malignant Neoplasm Deaths by Site and Race - Males
Number and Rate*: Pennsylvania, 1999

Malignant Neoplasm Site**	All Races	White		Black	
		Number	Rate	Number	Rate
Total Malignant Neoplasms	15,222	13,760	268.5	1,411	250.5
Trachea/ Bronchus/ Lung/ Pleura	4,561	4,116	80.3	436	77.4
Prostate	1,713	1,481	28.9	229	40.7
Colon	1,468	1,352	26.4	115	20.4
Pancreas	748	674	13.2	70	12.4
Non-Hodgkin's Lymphomas	653	625	12.2	28	5.0
Leukemia	592	554	10.8	35	6.2
Esophagus	522	458	8.9	62	11.0
All Other Sites	4,965	4,500	87.8	436	77.4

* Rate per 100,000 male population for each race.
** The following 10th revision ICD codes were used in this table:
Trachea, Bronchus, Lung and Pleura = *C33-C34, C38.4*
Prostate = *C61*
Colon = *C18, C26.0*
Pancreas = *C25*
Non-Hodgkin's Lymphomas = *C82-C85, C96.2*
Leukemia = *C90.1, C91-C95*
Esophagus = *C15*

Note: Unknown sex included in the male category. Unknown race included in the white category.

Figure C-15
Resident Malignant Neoplasm Death Rates by Site and Race
Males, Pennsylvania, 1999

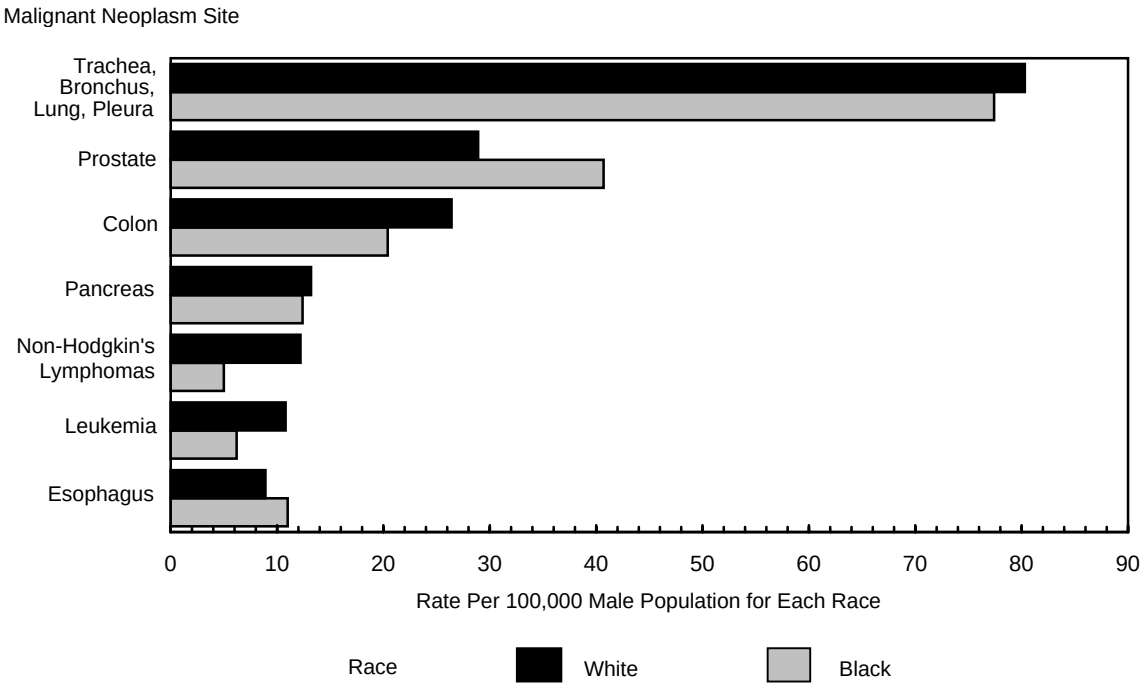


Table C-18E
Resident Malignant Neoplasm Deaths by Site and Race - Females
Number and Rate*: Pennsylvania, 1999

Malignant Neoplasm Site**	All Races	White		Black	
		Number	Rate	Number	Rate
Total Malignant Neoplasms	14,914	13,411	243.6	1,432	232.0
Trachea/ Bronchus/ Lung/ Pleura	3,327	2,962	53.8	356	57.7
Breast	2,371	2,110	38.3	250	40.5
Colon	1,543	1,392	25.3	146	23.7
Pancreas	817	728	13.2	87	14.1
Ovary	790	747	13.6	42	6.8
Non-Hodgkin's Lymphomas	673	646	11.7	22	3.6
Leukemia	558	520	9.4	33	5.3
All Other Sites	4,835	4,306	78.2	496	80.4

* Rate per 100,000 female population for each race.
** The following 10th revision ICD codes were used in this table:
Trachea, Bronchus, Lung and Pleura = *C33-C34, C38.4*
Breast = *C50*
Colon = *C18, C26.0*
Pancreas = *C25*
Ovary = *C56*
Non-Hodgkin's Lymphomas = *C82-C85, C96.2*
Leukemia = *C90.1, C91-C95*

Note: Unknown race included in the white category.

Figure C-16
Resident Malignant Neoplasm Death Rates by Site and Race
Females, Pennsylvania, 1999

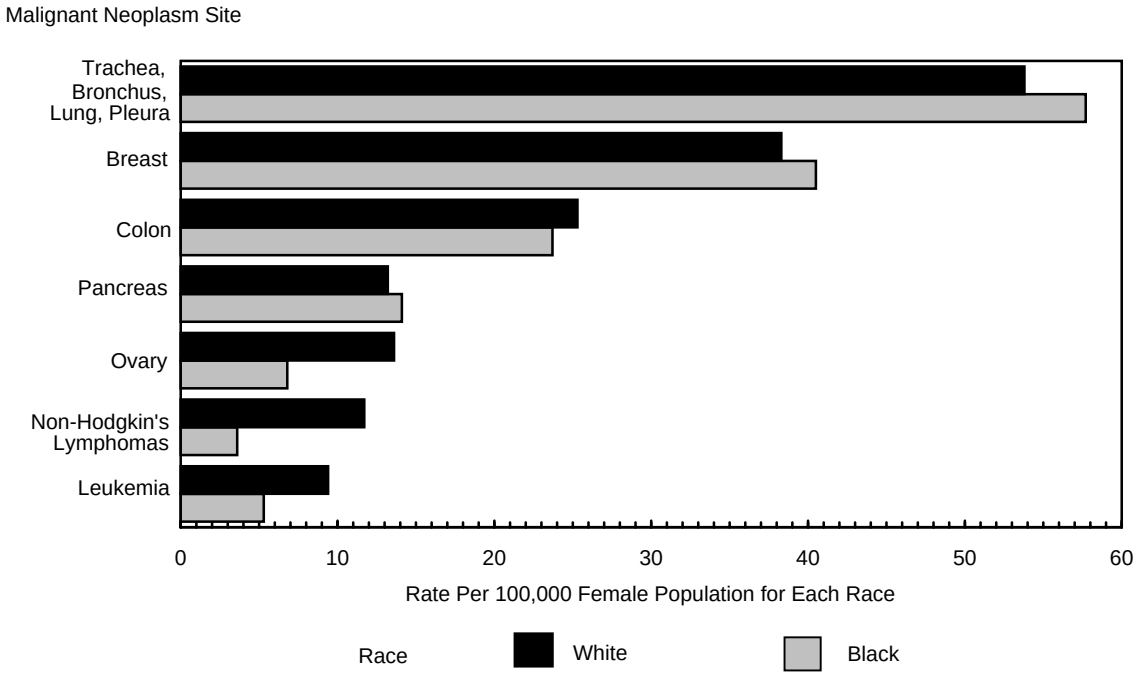


Table C-19A
Deaths Due to Accidents, Number and Rate*:
Pennsylvania and United States, 1950-1999

	Pennsylvania		United States			Pennsylvania		United States	
Year	Number	Rate	Number	Rate	Year	Number	Rate	Number	Rate
1999	4,505	37.6	NA	NA	1974	4,798	40.6	104,622	49.5
1998	4,553	37.9	97,835	36.2	1973	5,140	43.2	115,821	55.2
1997	4,743	39.5	95,644	35.7	1972	5,259	44.1	115,448	55.4
1996	4,274	35.5	94,948	35.8	1971	5,387	45.3	113,439	55.0
1995	4,180	34.6	93,320	35.5	1970	5,336	45.2	114,638	57.6
1994	4,271	35.4	91,437	35.1	1969	5,362	45.4	116,385	57.8
1993	4,132	34.3	90,523	35.1	1968	5,589	47.5	114,864	57.6
1992	4,040	33.7	86,777	34.0	1967	5,459	46.9	113,169	57.2
1991	3,979	33.3	89,347	35.4	1966	5,223	44.9	113,563	58.0
1990	4,001	33.7	91,983	37.0	1965	5,351	46.4	108,004	55.7
1989	4,365	36.3	95,028	38.3	1964	5,165	45.1	103,843	54.3
1988	4,437	37.0	97,100	39.5	1963	5,154	45.1	100,669	53.4
1987	4,464	37.4	95,020	39.0	1962	5,024	44.2	97,139	52.3
1986	4,182	35.2	95,277	39.5	1961	4,762	41.5	92,249	50.4
1985	4,113	34.7	93,457	39.1	1960	4,866	43.0	93,806	52.3
1984	4,178	35.1	92,911	39.3	1959	5,036	44.5	92,080	52.2
1983	4,147	34.9	92,488	39.5	1958	5,056	45.5	90,604	52.3
1982	4,112	34.6	94,082	40.6	1957	5,374	48.1	95,307	56.0
1981	4,375	36.9	100,704	43.9	1956	5,430	48.8	94,780	56.7
1980	4,586	38.7	105,718	46.7	1955	5,659	50.8	93,443	56.9
1979	4,777	40.7	105,312	46.9	1954	5,472	50.2	90,032	55.9
1978	4,487	38.2	105,561	48.4	1953	5,747	53.1	95,032	60.0
1977	4,654	39.5	103,202	47.7	1952	5,783	53.9	96,172	61.7
1976	4,531	38.2	100,761	46.9	1951	5,831	55.0	95,871	62.5
1975	4,702	39.8	103,030	48.4	1950	5,697	54.2	91,249	60.6

* Rate per 100,000 population.
Notes: Data for 1999 based on ICD-10, 1979-1998 based on ICD-9, 1968-1978 based on ICD-8, 1958-1967 based on ICD-7, and 1950-1957 based on ICD-6 cause of death codes.
NA=Data not available.

Figure C-17
Accidents Death Rates
Pennsylvania and United States, 1950-1999

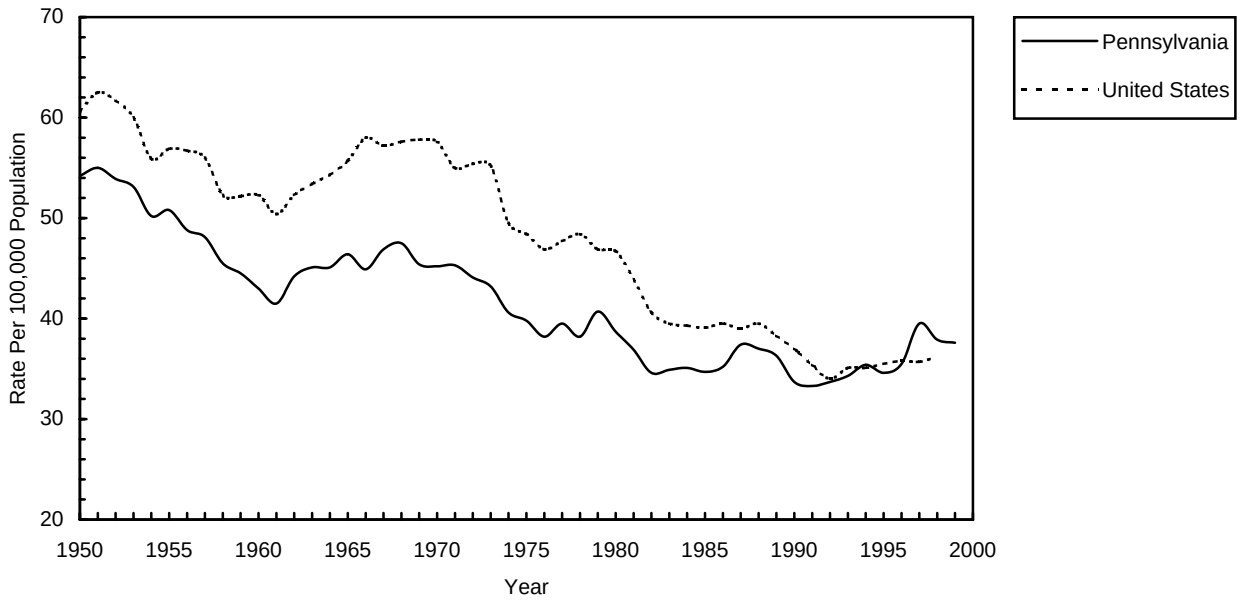


Table C-19B

Revised

Resident Deaths Due to Accidents by Type and Age
Pennsylvania, 1999

		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	4,505	83	119	576	464	647	508	275	393	770	670
Motor Vehicle Accidents	1,521	16	59	397	215	227	176	98	130	146	57
Other Transport Accidents	155	4	13	20	14	25	22	14	16	16	11
Falls	687	4	2	9	14	27	35	42	99	238	217
Discharge of Firearms	35	0	2	11	8	4	4	2	2	2	0
Drowning and Submersion	98	12	11	21	17	10	14	5	2	3	3
Suffocation and Strangulation	353	17	7	8	9	19	19	21	44	106	103
Smoke, Fire and Flames	162	21	15	8	15	14	23	10	21	29	6
Poisoning by Noxious Substances	734	1	3	80	152	270	148	23	21	25	11
Other Nontransport Accidents	760	8	7	22	20	51	67	60	58	205	262

Table C-19C

Resident Deaths Due to Accidents by Type and Sex
Number and Percent: Pennsylvania, 1999

		Male ***		Female	
Deaths by Type of Accident*	Total	Number	Percent	Number	Percent
Total Accidental Deaths	4,505	2,840	100.0	1,665	100.0
Motor Vehicle Accidents	1,521	994	35.0	527	31.7
Other Transport Accidents	155	109	3.8	46	2.8
Falls	687	379	13.3	308	18.5
Discharge of Firearms	35	29	1.0	6	0.4
Drowning and Submersion	98	80	2.8	18	1.1
Suffocation and Strangulation	353	196	6.9	157	9.4
Smoke, Fire and Flames	162	90	3.2	72	4.3
Poisoning by Noxious Substances	734	553	19.5	181	10.9
Other Nontransport Accidents	760	410	14.4	350	21.0

* 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*

** Unknown age included in the 85+ age group.

***Unknown sex included in the male category.

Revised

Figure C-18
Resident Deaths Due to Accidents
Percent by Age Group, Pennsylvania, 1999

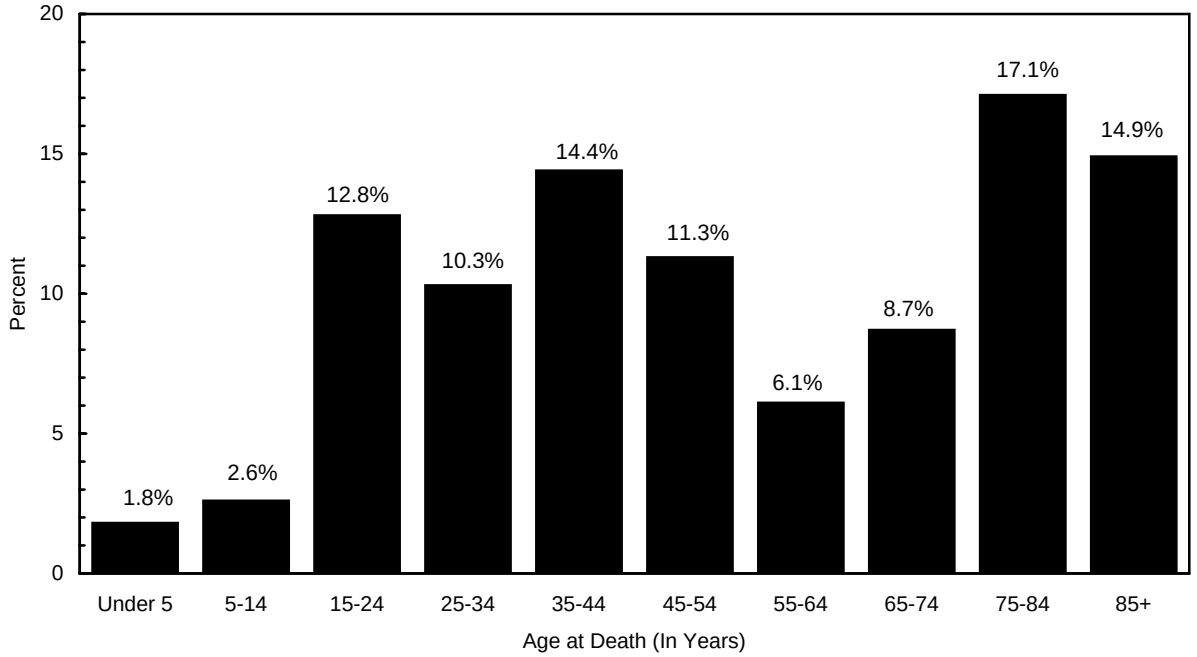


Figure C-19
Resident Deaths Due to Accidents
Percent by Type, Pennsylvania, 1999

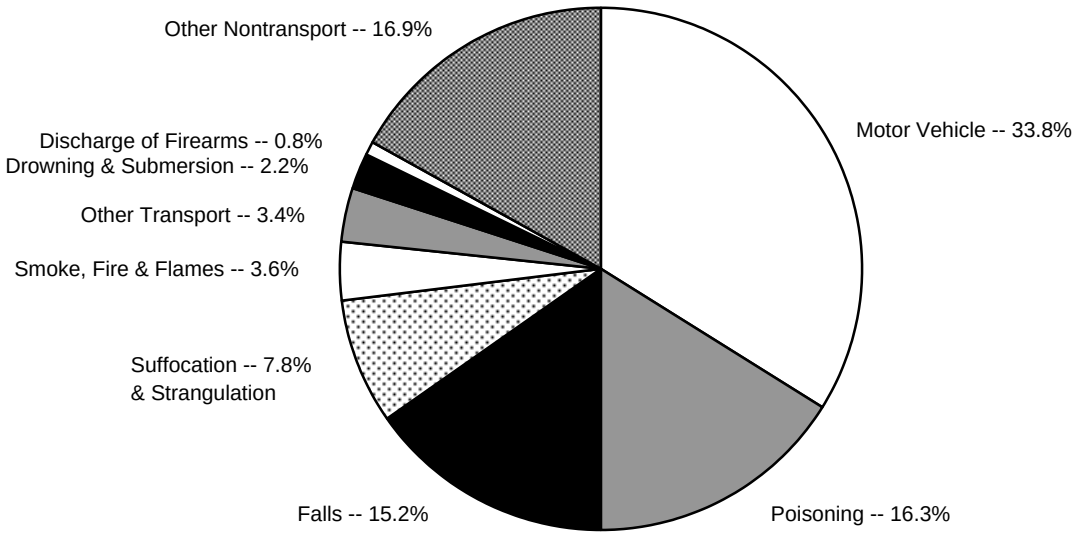


Table C-20
Cerebrovascular Disease Deaths, Number and Rate*:
Pennsylvania and United States, 1950-1999

	Pennsylvania		United States			Pennsylvania		United States	
Year	Number	Rate	Number	Rate	Year	Number	Rate	Number	Rate
1999	8,547	71.3	NA	NA	1974	12,014	101.5	207,424	98.1
1998	8,208	68.4	158,448	58.6	1973	12,616	106.0	214,313	102.1
1997	8,325	69.3	159,791	59.7	1972	12,438	104.3	213,344	102.5
1996	8,582	71.2	159,942	60.3	1971	12,472	105.0	209,092	101.1
1995	8,206	68.0	157,991	60.1	1970	12,573	106.6	207,166	101.9
1994	8,380	69.5	153,306	58.9	1969	12,444	105.4	207,179	102.6
1993	7,819	65.0	150,108	58.2	1968	12,994	110.5	211,390	105.8
1992	7,657	63.8	143,769	56.4	1967	12,295	105.6	202,184	102.2
1991	7,587	63.4	143,481	56.9	1966	12,685	109.0	204,841	104.6
1990	7,678	64.6	144,088	57.9	1965	12,466	108.1	201,057	103.7
1989	7,683	63.8	145,551	58.6	1964	12,268	107.1	198,209	103.6
1988	8,036	67.0	150,517	61.2	1963	12,669	110.9	201,166	106.7
1987	8,019	67.2	149,835	61.6	1962	12,623	111.0	197,451	106.3
1986	7,961	67.0	149,643	62.1	1961	12,598	109.9	192,951	105.5
1985	8,175	68.9	153,050	64.1	1960	12,632	111.6	193,588	108.0
1984	8,334	70.0	154,327	65.3	1959	12,780	112.9	191,376	108.5
1983	8,384	70.6	155,598	66.5	1958	12,700	114.4	190,758	110.1
1982	8,559	72.0	157,710	68.0	1957	12,755	114.2	187,709	110.2
1981	8,913	75.1	163,504	71.3	1956	11,997	107.8	177,845	106.3
1980	9,539	80.4	170,225	75.1	1955	12,210	109.7	174,142	106.0
1979	9,132	77.8	169,488	77.0	1954	11,529	105.8	167,777	104.1
1978	9,559	81.4	175,629	80.5	1953	11,921	110.1	169,800	107.3
1977	10,356	87.9	181,934	84.1	1952	11,704	109.1	166,331	106.8
1976	10,749	90.6	188,623	87.9	1951	11,475	108.3	163,550	106.6
1975	11,311	95.6	194,038	91.1	1950	11,043	105.0	156,751	104.0

* Rate per 100,000 population.

Notes: Data for 1999 based on ICD-10, 1979-1998 based on ICD-9, 1968-1978 based on ICD-8, 1958-1967 based on ICD-7, and 1950-1957 based on ICD-6 cause of death codes.
NA=Data not available.

Figure C-20
Cerebrovascular Disease Death Rates
Pennsylvania and United States, 1950-1999

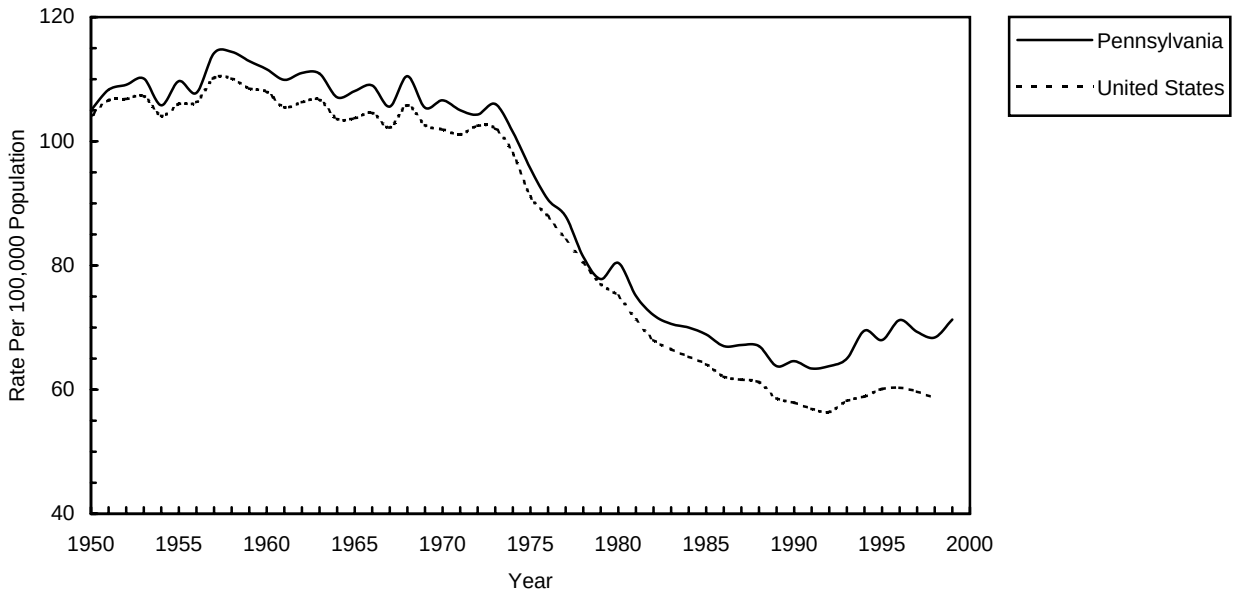


Table C-21
Influenza and Pneumonia Deaths, Number and Rate*:
Pennsylvania and United States, 1950-1999

	Pennsylvania		United States			Pennsylvania		United States	
Year	Number	Rate	Number	Rate	Year	Number	Rate	Number	Rate
1999	3,093	25.8	NA	NA	1974	3,067	25.9	54,777	25.9
1998	4,512	37.6	91,871	34.0	1973	3,590	30.2	62,559	29.8
1997	4,362	36.3	86,449	32.3	1972	3,476	29.1	62,580	30.1
1996	4,347	36.1	83,727	31.6	1971	3,199	26.9	57,194	27.7
1995	4,242	35.1	82,923	31.6	1970	3,466	29.4	62,739	30.9
1994	4,212	34.9	81,473	31.3	1969	3,896	33.0	68,365	33.9
1993	4,202	34.9	82,820	31.7	1968	4,340	36.9	73,492	36.9
1992	4,022	33.5	75,719	29.7	1967	3,225	27.7	56,892	28.8
1991	3,911	32.7	77,860	30.9	1966	3,515	30.2	63,615	32.5
1990	3,876	32.6	79,513	32.0	1965	3,709	32.2	61,903	31.9
1989	3,949	32.8	76,550	30.8	1964	3,393	29.6	59,451	31.1
1988	3,990	33.2	77,662	31.6	1963	4,294	37.6	70,761	37.5
1987	3,669	30.7	69,225	28.4	1962	3,529	31.0	59,995	32.3
1986	3,622	30.5	69,812	29.0	1961	3,247	28.3	55,175	30.1
1985	3,357	28.3	67,615	28.3	1960	3,889	34.3	66,803	37.3
1984	2,885	24.2	58,894	24.9	1959	3,293	29.1	55,039	31.2
1983	2,651	22.3	55,854	23.9	1958	3,494	31.5	57,439	33.1
1982	2,386	20.1	48,886	21.1	1957	3,833	34.3	61,001	35.8
1981	2,682	22.6	53,731	23.4	1956	2,996	26.9	47,103	28.2
1980	2,869	24.2	54,619	24.1	1955	2,862	25.7	44,510	27.1
1979	2,239	19.1	45,030	20.1	1954	2,406	22.1	40,991	25.4
1978	2,776	23.6	58,319	26.7	1953	3,061	28.3	52,238	33.0
1977	2,866	24.3	51,193	23.7	1952	3,113	29.0	46,265	29.7
1976	3,412	28.8	61,866	28.8	1951	3,379	31.9	48,169	31.4
1975	3,187	26.9	55,664	26.1	1950	3,116	29.6	47,120	31.3

* Rate per 100,000 population.

Notes: Data for 1999 based on ICD-10, 1979-1998 based on ICD-9, 1968-1978 based on ICD-8, 1958-1967 based on ICD-7, and 1950-1957 based on ICD-6 cause of death codes.
NA=Data not available.

Figure C-21
Influenza and Pneumonia Death Rates
Pennsylvania and United States, 1950-1999

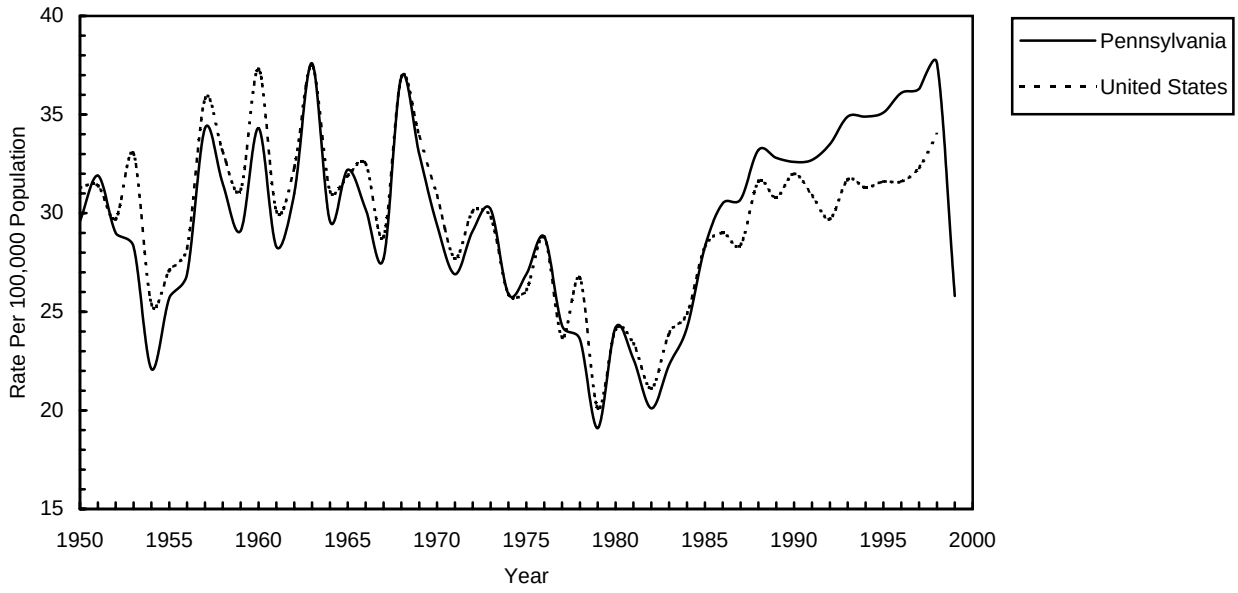


Table C-22A

Intentional Self-harm (Suicide) Deaths, Number and Rate*:
Pennsylvania and United States, 1950-1999

	Pennsylvania		United States			Pennsylvania		United States	
Year	Number	Rate	Number	Rate	Year	Number	Rate	Number	Rate
1999	1,272	10.6	NA	NA	1974	1,318	11.1	25,683	12.1
1998	1,365	11.4	30,575	11.3	1973	1,342	11.3	25,118	12.0
1997	1,401	11.7	30,535	11.4	1972	1,349	11.3	25,004	12.0
1996	1,405	11.7	30,903	11.6	1971	1,271	10.7	24,092	11.7
1995	1,450	12.0	31,284	11.9	1970	1,337	11.3	23,480	11.6
1994	1,328	11.0	31,142	12.0	1969	1,133	9.6	22,364	11.1
1993	1,400	11.6	31,102	12.1	1968	1,190	10.1	21,372	10.7
1992	1,378	11.5	30,484	12.0	1967	1,059	9.1	21,325	10.8
1991	1,387	11.6	30,810	12.2	1966	1,099	9.4	21,281	10.9
1990	1,446	12.2	30,906	12.4	1965	1,131	9.8	21,507	11.1
1989	1,439	12.0	30,232	12.2	1964	1,100	9.6	20,588	10.8
1988	1,479	12.3	30,407	12.4	1963	1,134	9.9	20,825	11.0
1987	1,489	12.5	30,796	12.7	1962	1,150	10.1	20,207	10.9
1986	1,443	12.1	30,904	12.8	1961	1,097	9.6	18,999	10.4
1985	1,432	12.1	29,453	12.3	1960	1,099	9.7	19,041	10.6
1984	1,408	11.8	29,286	12.4	1959	1,100	9.9	18,633	10.6
1983	1,340	11.3	28,295	12.1	1958	1,113	10.0	18,519	10.7
1982	1,344	11.3	28,242	12.2	1957	1,044	9.3	16,632	9.8
1981	1,310	11.0	27,596	12.0	1956	1,121	10.1	16,727	10.0
1980	1,317	11.1	26,869	11.9	1955	1,035	9.3	16,760	10.2
1979	1,346	11.5	27,206	12.1	1954	988	9.1	16,356	10.1
1978	1,396	11.9	27,294	12.5	1953	1,006	9.3	15,947	10.1
1977	1,430	12.1	28,681	13.3	1952	1,028	9.6	15,567	10.0
1976	1,371	11.6	26,832	12.5	1951	1,083	10.2	15,909	10.4
1975	1,377	11.6	27,063	12.7	1950	1,101	10.5	17,145	11.4

* Rate per 100,000 population.

Notes: Data for 1999 based on ICD-10, 1979-1998 based on ICD-9, 1968-1978 based on ICD-8, 1958-1967 based on ICD-7, and 1950-1957 based on ICD-6 cause of death codes.
NA=Data not available.

Figure C-22

Intentional Self-harm (Suicide) Death Rates
Pennsylvania and United States, 1950-1999

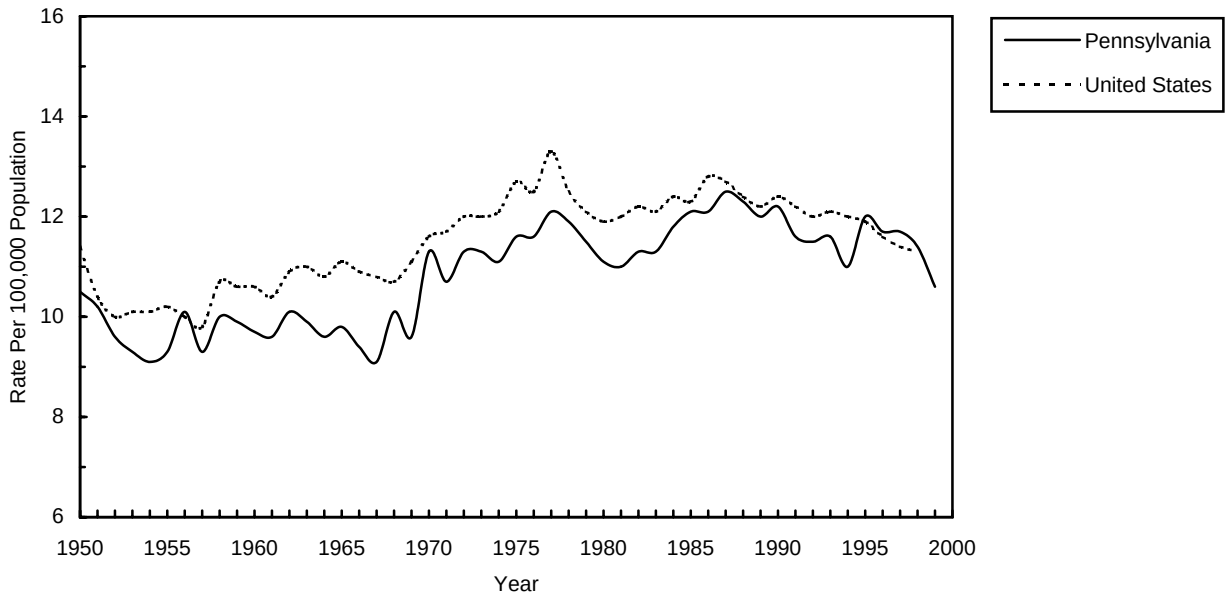


Table C-22B
Resident Intentional Self-harm (Suicide) Deaths
by Age, Race, and Sex, Pennsylvania, 1999

Age Group	All Races			White*			Black		
(In Years)	Total	Male**	Female	Total	Male**	Female	Total	Male**	Female
All Ages	1,272	1,045	227	1,169	956	213	85	76	9
Under 15	9	8	1	7	7	0	2	1	1
15 - 24	161	135	26	140	117	23	20	17	3
25 - 34	216	179	37	188	153	35	22	22	0
35 - 44	308	244	64	291	230	61	16	13	3
45 - 54	211	164	47	196	151	45	11	9	2
55 - 64	137	114	23	129	106	23	6	6	0
65 - 74	99	84	15	92	79	13	5	5	0
75+ ***	131	117	14	126	113	13	3	3	0

* Unknown race included in the white category.
** Unknown sex included in the male category.
***Unknown age included in the 75+ age group.

Figure C-23
Resident Intentional Self-harm (Suicide) Deaths
Percent by Age Group, Pennsylvania, 1999

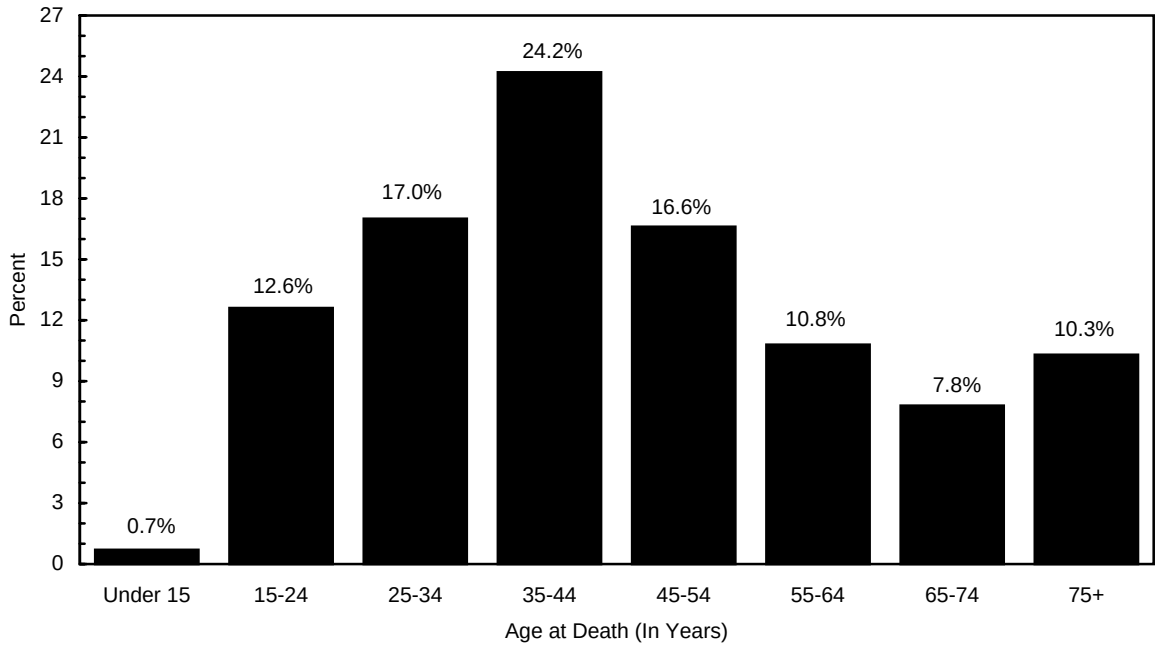


Table C-23A
Deaths Due to HIV Disease, Number and Rate*:
Pennsylvania and United States, 1987-1999

	Pennsylvania		United States	
Year	Number	Rate	Number	Rate
1999	493	4.1	NA	NA
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.
Notes: Data for 1999 based on ICD-10, 1979-1998 based on ICD-9, 1968-1978 based on ICD-8, 1958-1967 based on ICD-7, and 1950-1957 based on ICD-6 cause of death codes.
NA=Data not available.

Figure C-24
HIV Disease Death Rates
Pennsylvania and United States, 1987-1999

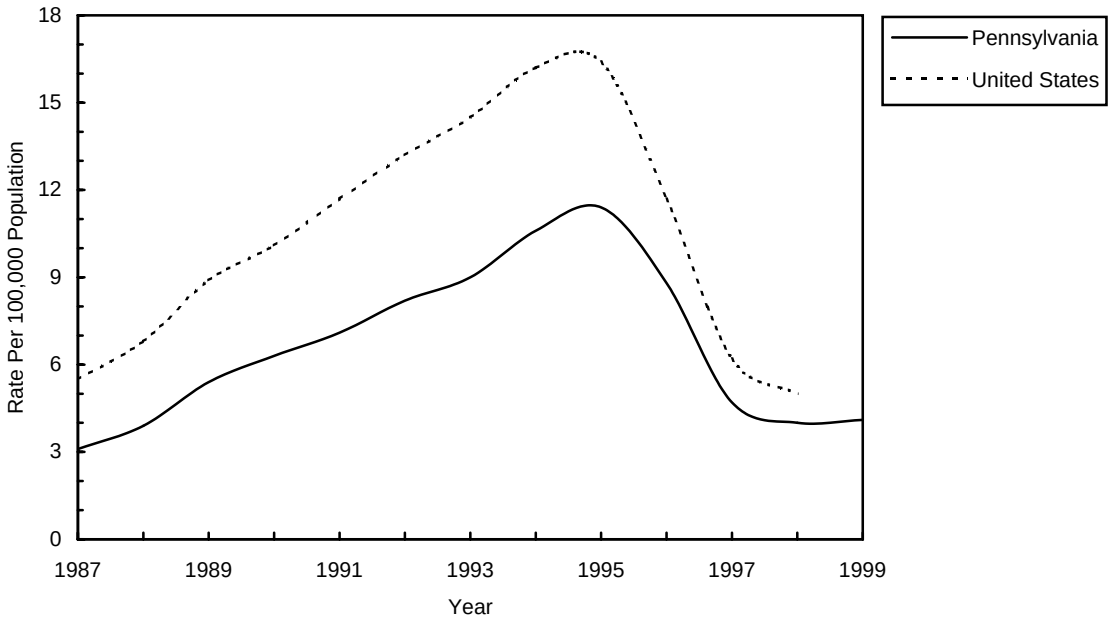


Table C-23B
Resident Deaths Due to HIV Disease
by Age, Race, and Sex, Pennsylvania, 1999

Age Group	All Races			White*			Black		
(In Years)	Total	Male**	Female	Total	Male**	Female	Total	Male**	Female
All Ages	493	363	130	183	148	35	309	214	95
Under 15	6	5	1	4	4	0	2	1	1
15 - 24	6	4	2	3	1	2	3	3	0
25 - 29	20	10	10	9	5	4	11	5	6
30 - 34	61	37	24	20	14	6	41	23	18
35 - 39	96	62	34	39	31	8	57	31	26
40 - 44	109	81	28	36	29	7	73	52	21
45 - 54	138	115	23	49	44	5	88	70	18
55 - 64	40	34	6	15	14	1	25	20	5
65 - 74	13	12	1	6	5	1	7	7	0
75+ ***	4	3	1	2	1	1	2	2	0

* Unknown race included in the white category.
** Unknown sex included in the male category.
***Unknown age included in the 75+ age group.

Figure C-25
Resident Deaths Due to HIV Disease
Percent by Age Group, Pennsylvania, 1999

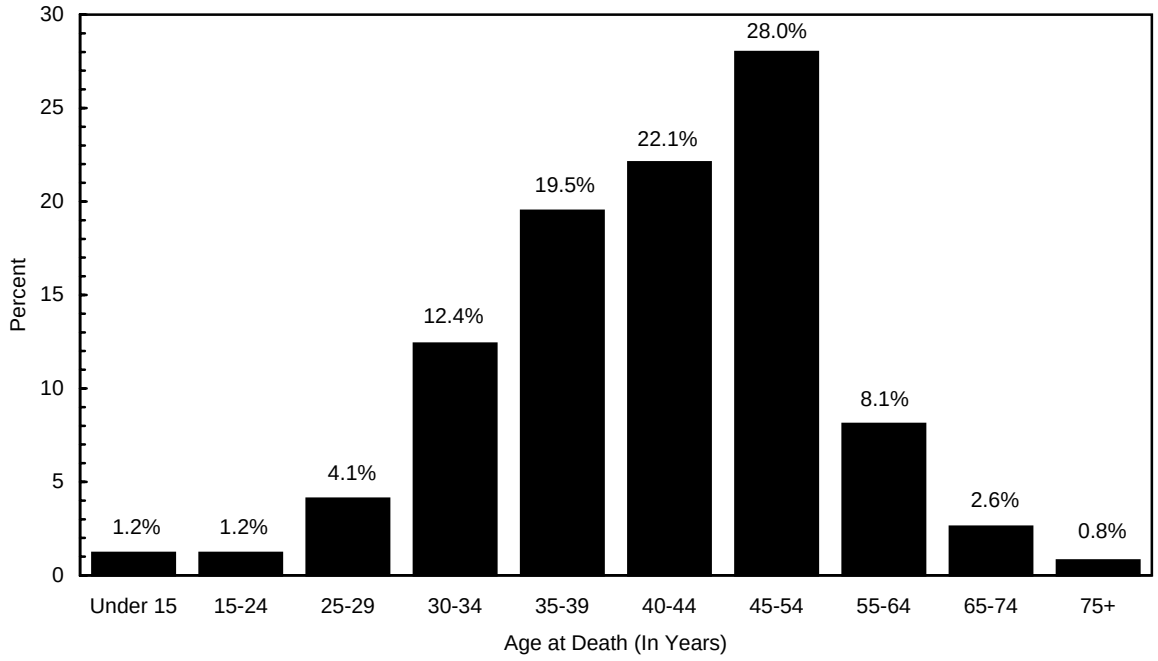


Table C-24A
Assault (Homicide) Deaths, Number and Rate*:
Pennsylvania and United States, 1950-1999

	Pennsylvania		United States			Pennsylvania		United States	
Year	Number	Rate	Number	Rate	Year	Number	Rate	Number	Rate
1999	634	5.3	NA	NA	1974	859	7.3	21,465	10.2
1998	634	5.3	18,272	6.8	1973	826	6.9	20,465	9.8
1997	787	6.5	19,846	7.4	1972	761	6.4	19,638	9.4
1996	705	5.8	20,971	7.9	1971	749	6.3	18,787	9.1
1995	781	6.5	22,895	8.7	1970	657	5.6	16,848	8.3
1994	750	6.2	24,926	9.6	1969	516	4.4	15,477	7.7
1993	847	7.0	26,009	10.1	1968	473	4.0	14,686	7.4
1992	767	6.4	25,488	10.0	1967	459	3.9	13,425	6.8
1991	770	6.4	26,513	10.5	1966	389	3.3	11,606	5.9
1990	824	6.9	24,932	10.0	1965	388	3.4	10,712	5.5
1989	782	6.5	22,909	9.2	1964	403	3.5	9,814	5.1
1988	666	5.5	22,032	9.0	1963	288	2.5	9,225	4.9
1987	644	5.4	21,103	8.7	1962	318	2.8	9,013	4.8
1986	658	5.5	21,731	9.0	1961	304	2.7	8,578	4.7
1985	588	5.0	19,893	8.3	1960	302	2.7	8,464	4.7
1984	580	4.9	19,796	8.4	1959	286	2.5	8,159	4.6
1983	613	5.2	20,191	8.6	1958	273	2.5	7,815	4.5
1982	713	6.0	22,358	9.6	1957	258	2.3	7,641	4.5
1981	768	6.5	23,646	10.3	1956	279	2.5	7,629	4.6
1980	827	7.0	24,278	10.7	1955	248	2.2	7,418	4.5
1979	760	6.5	22,550	10.0	1954	304	2.8	7,735	4.8
1978	736	6.3	20,432	9.4	1953	288	2.6	7,640	4.8
1977	668	5.7	19,968	9.2	1952	288	2.7	8,054	5.2
1976	746	6.3	19,554	9.1	1951	296	2.8	7,495	4.9
1975	843	7.1	21,310	10.0	1950	284	2.7	7,942	5.3

* Rate per 100,000 population.
Notes: Prior to 1999, numbers include deaths due to legal intervention.
Data for 1999 based on ICD-10, 1979-1998 based on ICD-9, 1968-1978 based on ICD-8, 1958-1967 based on ICD-7, and 1950-1957 based on ICD-6 cause of death codes.
NA=Data not available.

Figure C-26
Assault (Homicide) Death Rates
Pennsylvania and United States, 1950-1999

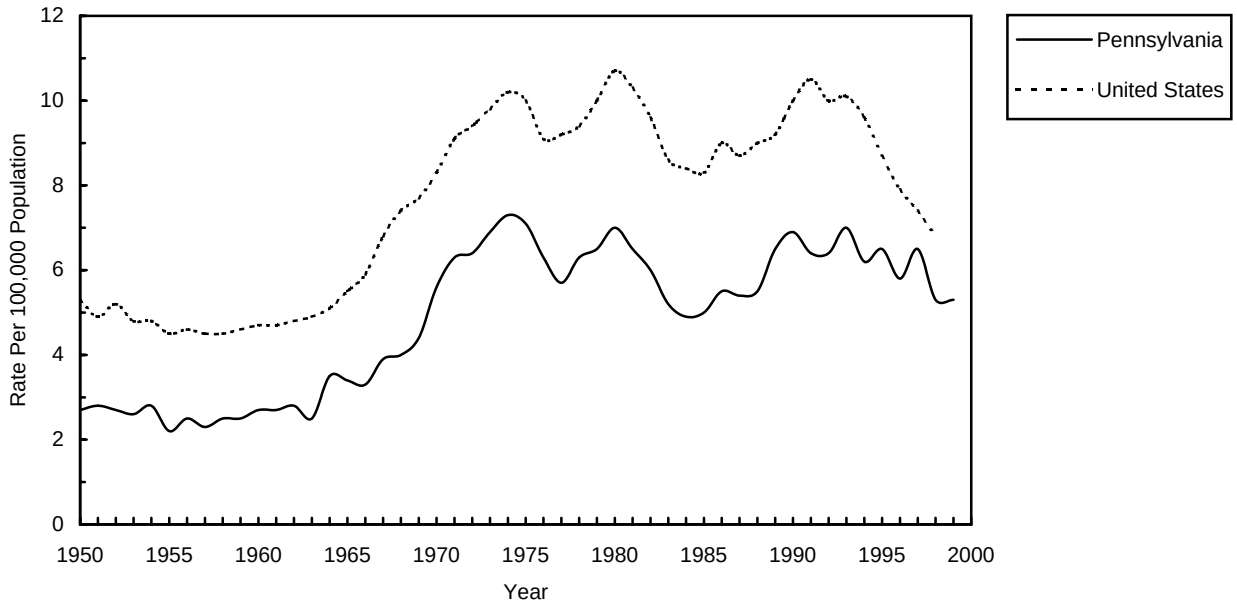


Table C-24B
Resident Assault (Homicide) Deaths
by Age, Race, and Sex, Pennsylvania, 1999

Age Group	All Races			White*			Black		
(In Years)	Total	Male**	Female	Total	Male**	Female	Total	Male**	Female
All Ages	634	479	155	279	172	107	349	304	45
Under 15	40	22	18	28	13	15	12	9	3
15 - 24	222	195	27	69	51	18	152	143	9
25 - 34	162	128	34	58	39	19	102	88	14
35 - 44	113	75	38	59	33	26	54	42	12
45 - 54	42	30	12	23	14	9	19	16	3
55 - 64	22	12	10	20	10	10	1	1	0
65 - 74	15	10	5	9	6	3	5	4	1
75+ ***	18	7	11	13	6	7	4	1	3

* Unknown race included in the white category.
** Unknown sex included in the male category.
***Unknown age included in the 75+ age group.

Figure C-27
Resident Assault (Homicide) Deaths
Percent by Age Group, Pennsylvania, 1999

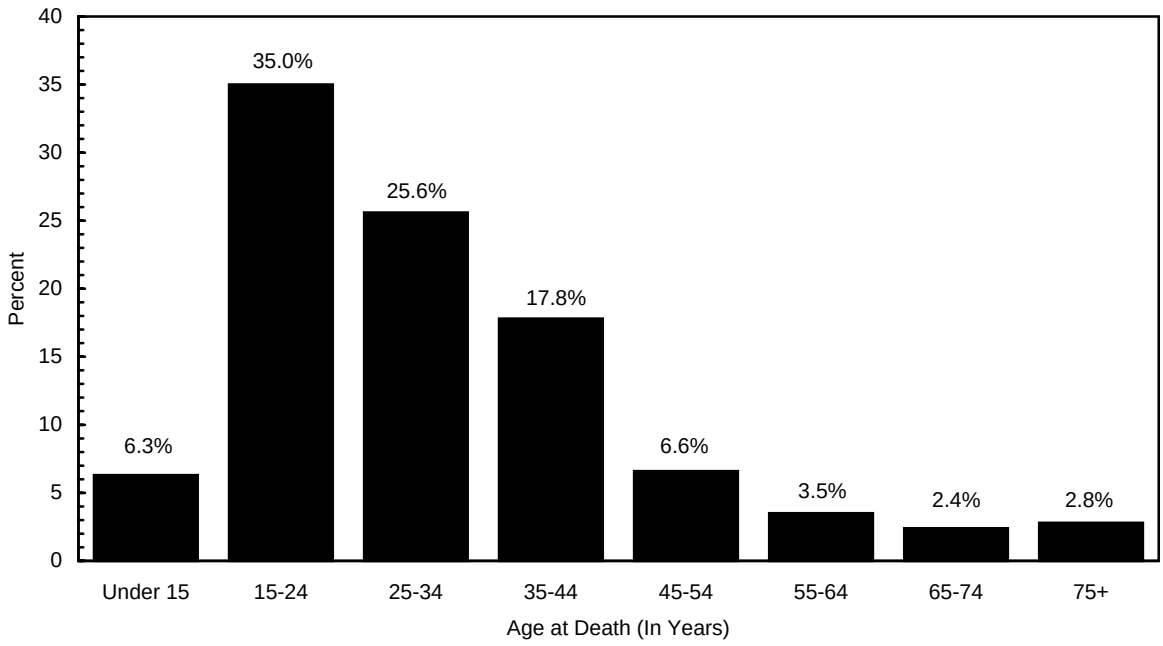


Table C-25

Resident Live Births, All Deaths, Infant, Neonatal, and Fetal Deaths by County, Number and Rate*: Pennsylvania, 1999

	Live Births		All Deaths		Infant Deaths		Neonatal Deaths		Fetal Deaths	
County	Number	Rate	Number	Rate	Number	Rate	Number	Rate	Number**	Rate
All Counties	144,828	12.1	129,430	10.8	1,025	7.1	723	5.0	1,600	10.9
Adams	999	11.4	837	9.5	11	11.0	7	7.0	8	7.9
Allegheny	14,442	11.5	15,403	12.3	116	8.0	90	6.2	160	11.0
Armstrong	792	10.8	878	12.0	7	8.8	6	7.6	5	6.3
Beaver	1,763	9.7	2,200	12.0	11	6.2	9	5.1	17	9.6
Bedford	577	11.6	483	9.7	7	12.1	1	1.7	5	8.6
Berks	4,509	12.6	3,600	10.0	29	6.4	12	2.7	49	10.8
Blair	1,503	11.6	1,568	12.1	10	6.7	6	4.0	19	12.5
Bradford	761	12.2	589	9.5	1	1.3	0	-	5	6.5
Bucks	7,313	12.3	5,061	8.5	36	4.9	26	3.6	44	6.0
Butler	2,150	12.5	1,685	9.8	18	8.4	13	6.0	19	8.8
Cambria	1,524	9.9	1,929	12.5	7	4.6	6	3.9	18	11.7
Cameron	58	10.4	79	14.2	0	-	0	-	0	-
Carbon	589	10.0	706	12.0	2	3.4	1	1.7	6	10.1
Centre	1,237	9.4	780	5.9	8	6.5	8	6.5	16	12.8
Chester	5,736	13.3	3,010	7.0	24	4.2	19	3.3	49	8.5
Clarion	418	10.0	410	9.8	0	-	0	-	5	11.8
Clearfield	862	10.7	907	11.2	9	10.4	4	4.6	8	9.2
Clinton	413	11.2	398	10.8	5	12.1	3	7.3	9	21.3
Columbia	617	9.7	701	11.0	3	4.9	2	3.2	6	9.6
Crawford	1,117	12.5	1,003	11.3	9	8.1	4	3.6	10	8.9
Cumberland	2,251	10.7	2,052	9.7	9	4.0	7	3.1	17	7.5
Dauphin	3,131	12.7	2,508	10.2	15	4.8	11	3.5	35	11.1
Delaware	6,815	12.6	5,733	10.6	37	5.4	25	3.7	68	9.9
Elk	376	10.9	386	11.2	1	2.7	1	2.7	2	5.3
Erie	3,519	12.7	2,767	10.0	31	8.8	22	6.3	19	5.4
Fayette	1,626	11.3	1,869	13.0	13	8.0	11	6.8	16	9.7
Forest	35	7.1	81	16.4	0	-	0	-	0	-
Franklin	1,654	12.8	1,242	9.6	9	5.4	6	3.6	15	9.0
Fulton	171	11.7	113	7.7	0	-	0	-	1	5.8
Greene	412	9.8	477	11.3	2	4.9	1	2.4	5	12.0
Huntingdon	499	11.2	395	8.8	2	4.0	1	2.0	5	9.9
Indiana	904	10.3	922	10.5	12	13.3	9	10.0	8	8.8
Jefferson	475	10.3	551	12.0	7	14.7	5	10.5	9	18.6
Juniata	285	12.8	253	11.4	4	14.0	2	7.0	3	10.4
Lackawanna	2,116	10.2	2,946	14.3	13	6.1	11	5.2	21	9.8
Lancaster	6,778	14.7	4,248	9.2	45	6.6	31	4.6	71	10.4
Lawrence	1,014	10.7	1,139	12.1	7	6.9	6	5.9	6	5.9
Lebanon	1,426	12.1	1,238	10.5	7	4.9	6	4.2	19	13.1
Lehigh	3,750	12.5	3,052	10.2	26	6.9	19	5.1	42	11.1
Luzerne	3,028	9.7	4,424	14.2	20	6.6	13	4.3	27	8.8
Lycoming	1,345	11.5	1,253	10.7	9	6.7	6	4.5	15	11.0
McKean	538	11.7	555	12.1	1	1.9	1	1.9	2	3.7
Mercer	1,345	11.1	1,441	11.9	5	3.7	4	3.0	7	5.2
Mifflin	618	13.2	496	10.6	4	6.5	3	4.9	10	15.9
Monroe	1,355	10.5	1,067	8.3	10	7.4	9	6.6	14	10.2
Montgomery	9,214	12.7	6,855	9.5	55	6.0	39	4.2	74	8.0
Montour	203	11.6	229	13.0	3	14.8	2	9.9	2	9.8
Northampton	2,816	10.8	2,455	9.5	15	5.3	12	4.3	32	11.2
Northumberland	1,006	10.8	1,211	13.0	4	4.0	1	1.0	7	6.9
Perry	524	11.8	409	9.2	9	17.2	7	13.4	3	5.7
Philadelphia	21,667	15.3	17,709	12.5	252	11.6	174	8.0	414	18.7
Pike	351	8.5	293	7.1	0	-	0	-	3	8.5
Potter	216	12.6	173	10.1	1	4.6	1	4.6	0	-
Schuylkill	1,428	9.6	2,035	13.7	12	8.4	7	4.9	8	5.6
Snyder	422	11.1	288	7.6	7	16.6	4	9.5	8	18.6
Somerset	817	10.2	928	11.6	5	6.1	4	4.9	9	10.9
Sullivan	52	8.6	119	19.7	0	-	0	-	0	-
Susquehanna	436	10.3	448	10.6	3	6.9	2	4.6	4	9.1
Tioga	388	9.3	440	10.6	1	2.6	1	2.6	6	15.2
Union	364	9.0	307	7.6	3	8.2	3	8.2	9	24.1
Venango	659	11.4	663	11.5	7	10.6	6	9.1	11	16.4
Warren	477	11.0	519	11.9	1	2.1	1	2.1	2	4.2
Washington	2,088	10.2	2,443	11.9	8	3.8	5	2.4	23	10.9
Wayne	480	10.4	521	11.3	2	4.2	2	4.2	7	14.4
Westmoreland	3,582	9.7	4,401	11.9	19	5.3	15	4.2	33	9.1
Wyoming	328	11.2	266	9.1	2	6.1	2	6.1	3	9.1
York	4,464	11.9	3,283	8.7	14	3.1	8	1.8	47	10.4

* Birth and total death crude rates per 1,000 population, 1999. Infant and neonatal death rates per 1,000 live births. Fetal death rates per 1,000 deliveries (live births + fetal deaths).

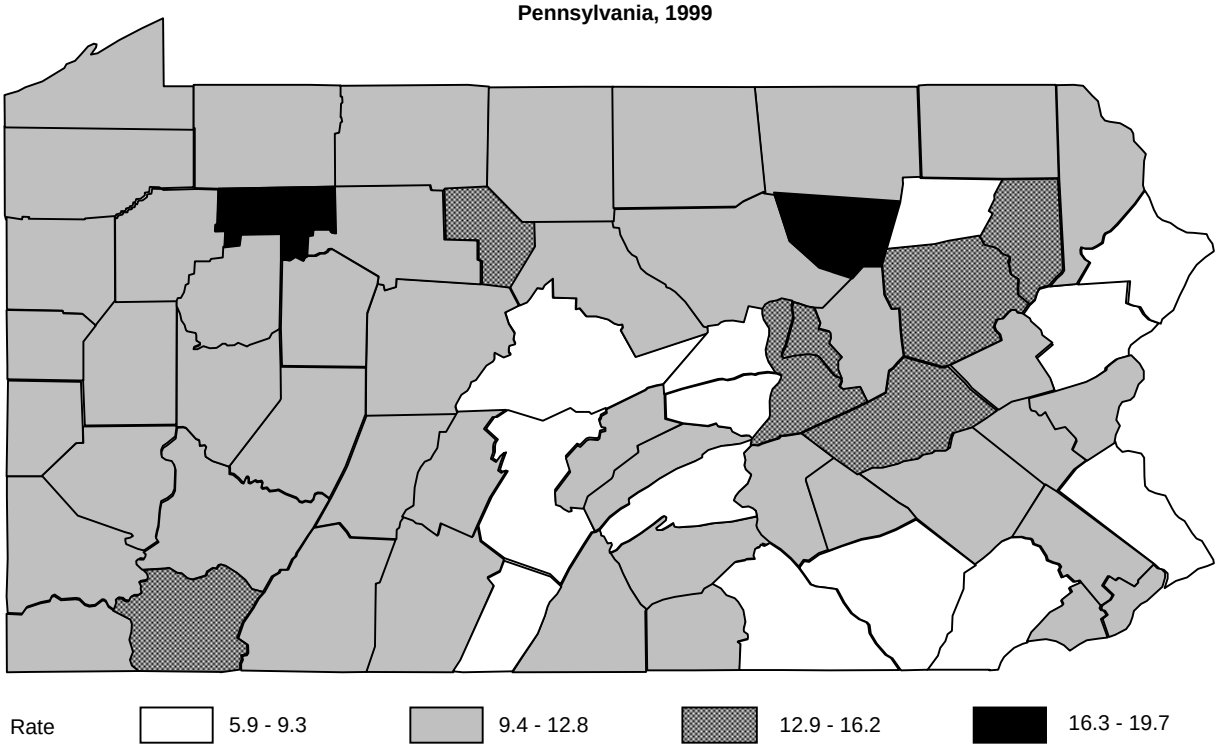
**Fetal deaths exclude induced terminations.

Table C-26
Resident Deaths, Infant, and Neonatal Deaths by County
Number and Average Annual Rate*: Pennsylvania, 1995-1999

	All Deaths 1995-1999		Infant Deaths 1995-1999		Neonatal Deaths 1995-1999	
County	Number	Rate	Number	Rate	Number	Rate
All Counties	637,708	10.6	5,480	7.5	3,819	5.2
Adams	4,031	9.4	24	4.9	16	3.3
Allegheny	76,207	11.9	581	7.9	421	5.7
Armstrong	4,351	11.8	25	6.3	21	5.3
Beaver	10,376	11.2	62	6.3	51	5.1
Bedford	2,388	9.7	20	7.0	9	3.2
Berks	18,009	10.2	164	7.4	111	5.0
Blair	7,831	12.0	51	7.0	35	4.8
Bradford	3,106	10.0	14	3.8	9	2.5
Bucks	23,723	8.1	194	5.3	134	3.7
Butler	8,000	9.5	58	5.5	43	4.1
Cambria	9,503	12.1	56	7.1	39	4.9
Cameron	345	12.2	2	6.4	2	6.4
Carbon	3,517	12.0	19	6.6	15	5.2
Centre	3,879	5.9	34	5.3	23	3.6
Chester	15,066	7.2	155	5.6	107	3.9
Clarion	2,097	10.0	13	5.9	8	3.6
Clearfield	4,404	11.0	25	5.7	17	3.8
Clinton	2,034	11.0	18	8.3	10	4.6
Columbia	3,361	10.5	18	5.7	12	3.8
Crawford	4,691	10.5	46	8.5	31	5.7
Cumberland	9,492	9.1	65	5.8	39	3.5
Dauphin	12,274	10.0	118	7.4	77	4.8
Delaware	28,432	10.4	212	6.1	161	4.7
Elk	1,907	11.0	15	7.5	12	6.0
Erie	13,501	9.7	152	8.5	109	6.1
Fayette	9,223	12.7	62	7.4	40	4.8
Forest	384	15.5	4	21.4	4	21.4
Franklin	6,040	9.5	54	6.8	39	4.9
Fulton	616	8.5	3	3.6	2	2.4
Greene	2,250	10.8	15	7.1	7	3.3
Huntingdon	1,993	8.9	10	4.1	5	2.1
Indiana	4,363	9.8	47	10.6	33	7.4
Jefferson	2,663	11.5	21	8.3	15	6.0
Juniata	1,137	10.4	9	6.2	5	3.5
Lackawanna	14,102	13.4	60	5.4	39	3.5
Lancaster	20,116	8.9	222	6.7	149	4.5
Lawrence	5,525	11.6	45	8.5	30	5.6
Lebanon	6,002	10.2	53	7.4	40	5.6
Lehigh	15,152	10.2	146	7.9	100	5.4
Luzerne	22,077	13.9	108	6.9	73	4.7
Lycoming	6,092	10.3	62	9.1	41	6.0
McKean	2,801	11.9	14	5.3	8	3.0
Mercer	6,926	11.4	32	4.7	19	2.8
Mifflin	2,455	10.4	25	8.4	16	5.4
Monroe	5,063	8.3	47	6.7	38	5.4
Montgomery	33,634	9.4	264	5.7	200	4.3
Montour	1,138	12.7	10	9.4	6	5.6
Northampton	12,073	9.4	94	6.7	65	4.6
Northumberland	6,152	13.0	20	4.1	8	1.7
Perry	1,900	8.6	22	8.2	14	5.2
Philadelphia	91,008	12.5	1,383	12.3	971	8.6
Pike	1,434	7.3	8	4.6	6	3.5
Potter	911	10.6	3	2.8	1	0.9
Schuylkill	10,284	13.6	59	8.1	41	5.7
Snyder	1,534	8.1	18	8.3	11	5.1
Somerset	4,441	11.1	26	6.3	17	4.1
Sullivan	531	17.4	0	-	0	-
Susquehanna	2,162	10.3	15	6.4	9	3.9
Tioga	2,151	10.3	12	5.8	6	2.9
Union	1,686	8.2	18	9.8	17	9.2
Venango	3,297	11.3	23	7.2	15	4.7
Warren	2,467	11.2	16	6.5	10	4.1
Washington	12,016	11.7	62	5.6	37	3.4
Wayne	2,662	11.8	10	3.9	7	2.7
Westmoreland	21,565	11.5	115	6.1	77	4.1
Wyoming	1,299	8.9	6	3.6	6	3.6
York	15,858	8.6	116	5.2	80	3.6

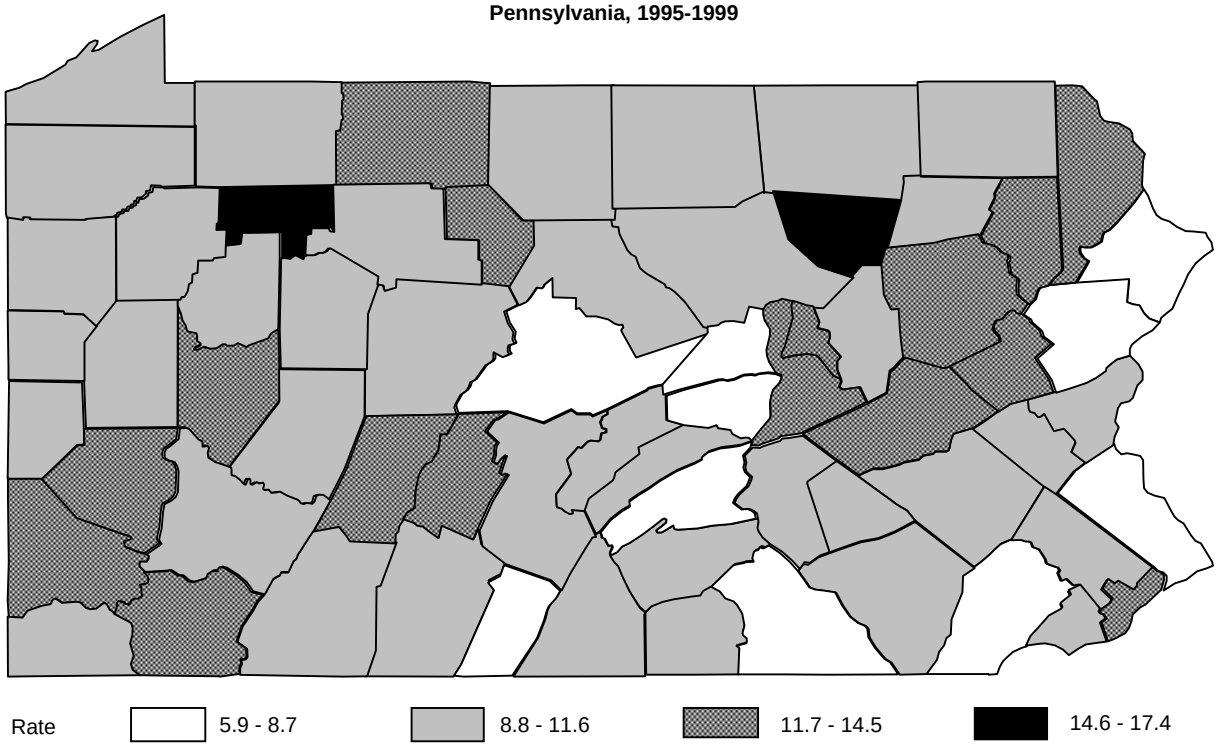
* Crude death rate per 1,000 population for each county, 1995-1999. Infant and neonatal death rates per 1,000 live births for each county, 1995-1999.

Figure C-28
Resident Crude Death Rates by County
Pennsylvania, 1999



Note: Rate per 1,000 population, 1999. See Table C-25 for county rates.

Figure C-29
Resident Average Annual Crude Death Rates by County
Pennsylvania, 1995-1999



Note: Rate per 1,000 population, 1995-1999. See Table C-26 for county rates.

Figure C-30
Resident Average Annual Infant Death Rates by County
Pennsylvania, 1995-1999

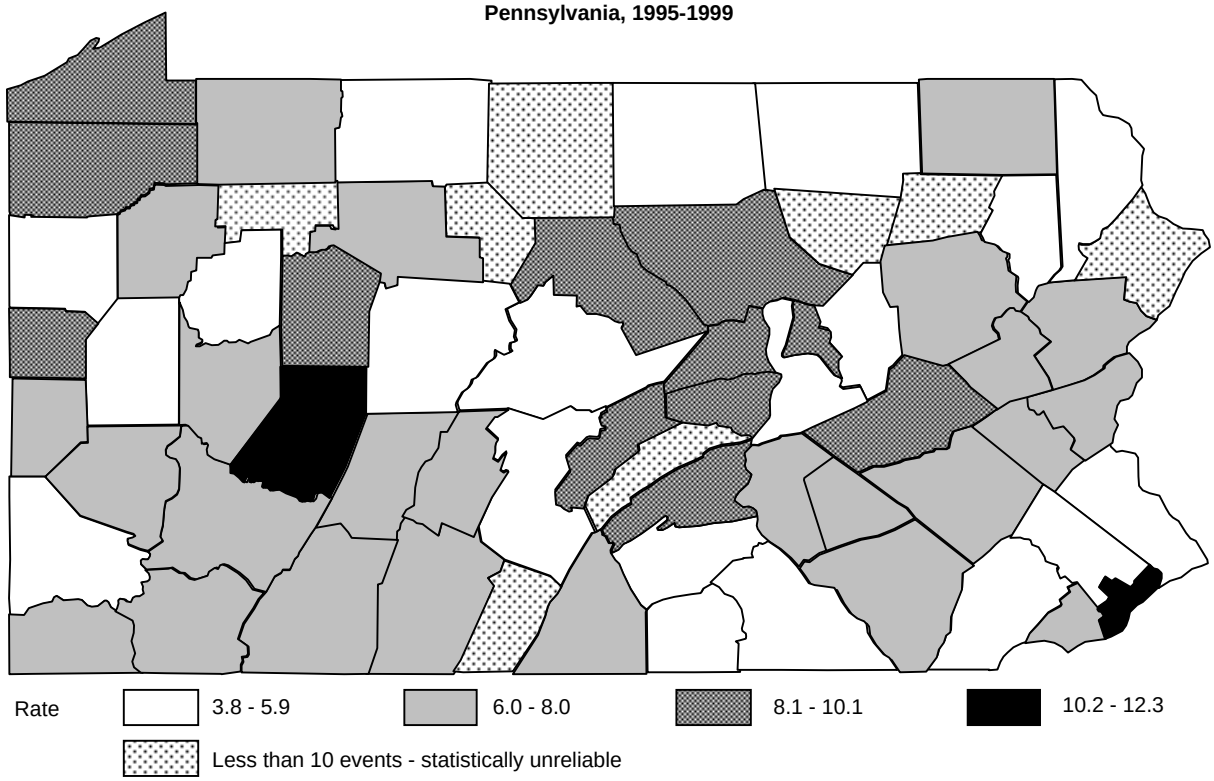
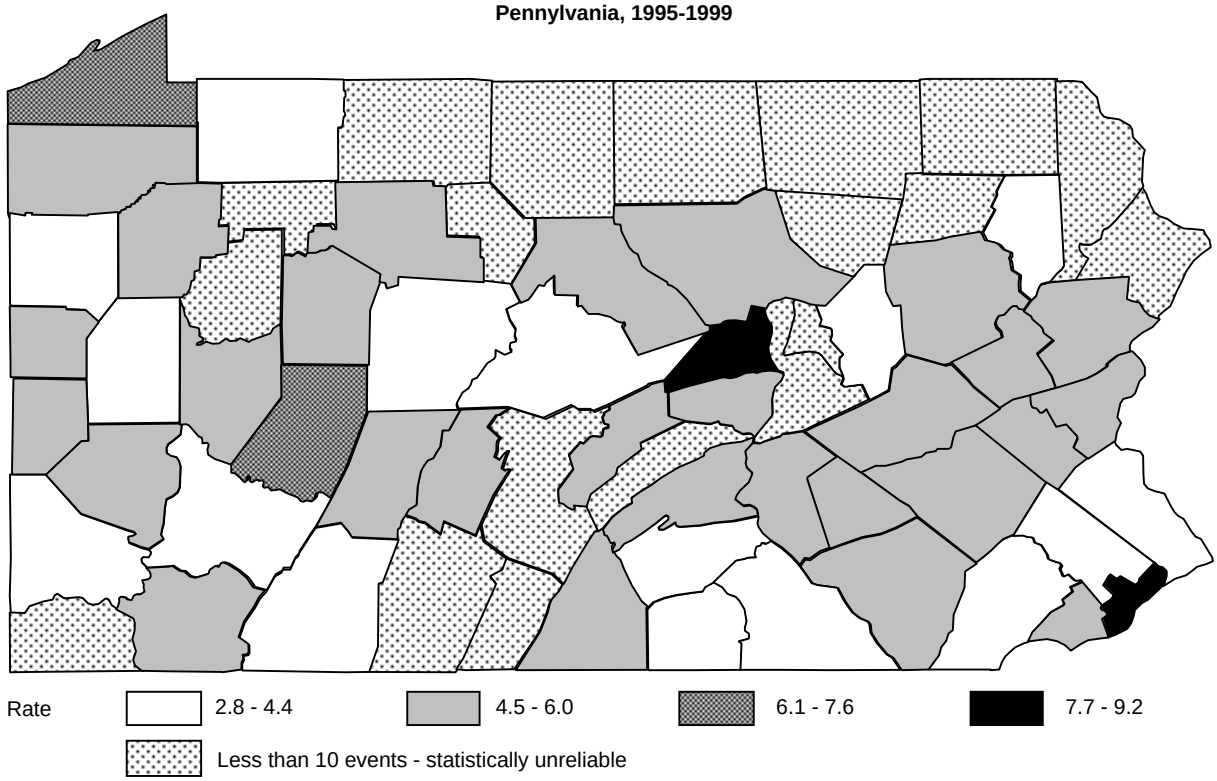


Figure C-31
Resident Average Annual Neonatal Death Rates by County
Pennylvania, 1995-1999



Note: Rate per 1,000 live births, 1995-1999. See Table C-26 for county rates.

Table C-27
Age-Adjusted Death Rates* by Sex and County
Pennsylvania Residents, 1999

County	Total	Male**	Female	County	Total	Male**	Female
All Counties	8.7	10.5	7.3				
Adams	8.5	9.9	7.5	Juniata	9.9	11.7	8.6
Allegheny	8.8	10.6	7.4	Lackawanna	9.3	11.5	7.8
Armstrong	8.7	10.3	7.3	Lancaster	8.4	9.8	7.3
Beaver	8.7	10.9	7.1	Lawrence	8.2	10.2	6.8
Bedford	7.7	9.3	6.3	Lebanon	8.1	9.7	6.8
Berks	8.2	9.8	6.9	Lehigh	7.8	9.3	6.6
Blair	9.1	11.8	7.3	Luzerne	9.3	11.6	7.5
Bradford	7.8	10.0	6.3	Lycoming	8.7	10.5	7.4
Bucks	8.5	9.8	7.4	McKean	9.3	10.4	8.5
Butler	8.8	10.6	7.5	Mercer	8.5	10.1	7.3
Cambria	8.3	10.4	6.8	Mifflin	8.2	9.9	7.1
Cameron	9.9	14.4	6.5	Monroe	8.8	9.8	7.8
Carbon	8.6	11.5	6.6	Montgomery	7.4	9.0	6.2
Centre	7.3	7.7	6.9	Montour	9.9	11.7	8.5
Chester	7.3	8.1	6.6	Northampton	8.0	9.6	6.8
Clarion	8.6	11.1	6.5	Northumberland	8.8	10.5	7.7
Clearfield	8.7	10.8	7.0	Perry	9.8	12.5	7.8
Clinton	8.5	9.8	7.3	Philadelphia	10.9	13.8	8.8
Columbia	9.0	10.5	7.8	Pike	6.2	7.1	5.2
Crawford	9.3	11.6	7.5	Potter	7.8	10.1	6.1
Cumberland	8.3	9.6	7.3	Schuylkill	9.2	11.1	7.8
Dauphin	8.8	10.6	7.3	Snyder	7.0	8.9	5.5
Delaware	8.4	10.3	7.1	Somerset	8.5	10.0	7.4
Elk	8.7	11.6	6.4	Sullivan	11.8	16.8	7.6
Erie	8.9	10.4	7.6	Susquehanna	8.6	10.2	7.1
Fayette	9.4	11.0	8.2	Tioga	8.6	9.3	7.8
Forest	10.9	13.9	8.3	Union	7.0	8.4	6.0
Franklin	7.9	9.2	6.8	Venango	9.1	10.7	7.9
Fulton	6.8	8.3	5.6	Warren	9.1	11.3	7.6
Greene	9.5	11.3	8.1	Washington	8.5	10.2	7.2
Huntingdon	7.7	9.4	6.3	Wayne	8.4	9.4	7.3
Indiana	9.3	11.1	7.9	Westmoreland	8.4	9.8	7.3
Jefferson	9.0	9.8	8.4	Wyoming	8.4	9.7	7.3
				York	8.1	9.6	6.9

* 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.

Table C-28

Average Annual Age-Adjusted Death Rates* by Sex and County

Pennsylvania Residents, 1995-1999

County	Total	Male**	Female	County	Total	Male**	Female
All Counties	8.8	10.9	7.3				
Adams	8.7	10.2	7.4	Juniata	9.2	11.4	7.7
Allegheny	8.8	10.8	7.3	Lackawanna	9.1	11.5	7.4
Armstrong	8.8	11.1	7.2	Lancaster	8.5	10.2	7.2
Beaver	8.5	10.5	7.0	Lawrence	8.3	10.4	6.7
Bedford	7.8	9.8	6.3	Lebanon	8.2	10.3	6.7
Berks	8.5	10.4	7.1	Lehigh	8.1	9.9	6.8
Blair	9.3	11.9	7.5	Luzerne	9.3	11.8	7.6
Bradford	8.6	10.6	7.1	Lycoming	8.7	10.6	7.3
Bucks	8.6	9.9	7.4	McKean	9.3	10.7	8.2
Butler	8.9	10.8	7.4	Mercer	8.5	10.3	7.2
Cambria	8.4	10.6	6.8	Mifflin	8.4	10.3	7.2
Cameron	8.5	11.3	6.4	Monroe	9.0	10.3	7.8
Carbon	8.9	11.0	7.2	Montgomery	7.7	9.2	6.5
Centre	7.7	8.8	6.8	Montour	10.0	11.7	8.7
Chester	7.9	9.3	6.8	Northampton	8.1	10.2	6.6
Clarion	9.0	11.1	7.4	Northumberland	9.1	11.4	7.5
Clearfield	8.7	10.9	7.2	Perry	9.6	11.7	7.9
Clinton	9.0	10.9	7.5	Philadelphia	11.1	14.4	8.7
Columbia	8.8	10.7	7.4	Pike	6.8	7.8	5.7
Crawford	9.0	11.0	7.4	Potter	8.6	10.4	7.2
Cumberland	8.3	9.9	7.1	Schuylkill	9.4	11.9	7.6
Dauphin	8.9	10.9	7.3	Snyder	7.8	9.7	6.4
Delaware	8.6	10.5	7.2	Somerset	8.5	10.4	7.0
Elk	8.9	10.7	7.4	Sullivan	10.7	12.8	9.1
Erie	8.9	10.8	7.5	Susquehanna	8.7	10.7	7.1
Fayette	9.4	11.5	7.9	Tioga	8.7	10.2	7.5
Forest	10.9	13.6	8.6	Union	8.2	10.1	6.9
Franklin	8.2	9.9	6.8	Venango	9.4	11.5	7.7
Fulton	7.7	10.0	5.9	Warren	8.9	11.0	7.3
Greene	9.2	11.0	7.8	Washington	8.7	10.8	7.2
Huntingdon	8.1	9.8	6.6	Wayne	9.3	10.8	7.9
Indiana	8.9	10.9	7.4	Westmoreland	8.6	10.4	7.2
Jefferson	8.9	10.7	7.6	Wyoming	8.5	10.5	7.0
				York	8.3	9.9	7.0

* 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.

Table C-29
Average Annual Age-Adjusted Death Rates for Selected Causes of Death by County, Pennsylvania Residents, 1995-1999

County	Diseases of Heart	Malignant Neoplasms	Cerebrovascular Disease	Chronic Lower Resp. Disease	Accidents	Diabetes Mellitus
All Counties	285.2	210.7	56.0	37.3	34.5	24.5
Adams	299.4	195.0	60.3	37.2	32.8	31.0
Allegheny	286.7	219.2	53.6	35.8	27.5	24.5
Armstrong	310.4	191.4	49.9	39.0	35.8	26.6
Beaver	279.5	216.0	45.9	36.3	24.9	30.1
Bedford	281.4	171.0	74.8	29.6	41.2	30.0
Berks	279.0	198.0	57.7	36.3	32.3	21.0
Blair	338.7	211.8	54.3	39.3	36.0	23.0
Bradford	294.6	197.0	47.4	47.0	34.2	27.7
Bucks	251.3	203.9	63.3	42.9	27.8	20.5
Butler	317.0	208.9	57.9	39.4	29.1	27.1
Cambria	282.9	198.7	45.7	36.4	33.5	19.5
Cameron	274.0	247.4	41.4	39.3	44.0	30.0
Carbon	323.0	207.9	51.0	28.5	40.5	23.2
Centre	243.0	176.2	57.0	36.5	28.5	19.1
Chester	244.9	195.5	54.0	34.6	29.6	16.9
Clarion	331.3	190.8	64.0	38.3	38.8	27.6
Clearfield	302.4	204.2	49.8	43.7	44.2	25.4
Clinton	289.0	209.5	55.6	49.0	30.0	28.5
Columbia	321.3	181.0	62.2	43.2	38.1	28.7
Crawford	281.8	209.7	64.9	41.5	39.5	27.9
Cumberland	269.4	185.0	60.8	42.5	30.5	20.7
Dauphin	284.6	205.8	50.4	39.4	33.3	22.0
Delaware	252.9	218.3	60.9	40.1	25.4	20.4
Elk	263.6	220.8	66.1	34.7	54.4	33.8
Erie	287.3	207.0	70.4	41.5	32.6	29.5
Fayette	335.7	217.3	56.1	39.8	38.6	29.4
Forest	387.7	220.9	88.6	37.1	43.9	34.8
Franklin	234.9	195.2	58.1	40.0	35.4	28.3
Fulton	228.2	172.8	46.1	35.6	61.0	22.4
Greene	328.1	216.7	38.7	42.5	38.0	31.6
Huntingdon	287.5	186.7	44.6	29.4	40.6	14.8
Indiana	307.6	198.1	48.7	33.1	38.4	23.2
Jefferson	330.2	189.5	64.3	39.7	34.0	20.7
Juniata	299.5	202.0	62.3	35.6	49.1	34.1
Lackawanna	342.0	208.5	51.4	39.9	30.2	23.8
Lancaster	273.6	196.4	62.6	37.7	35.3	24.4
Lawrence	309.9	199.7	46.0	30.1	33.2	28.5
Lebanon	269.7	206.1	51.5	38.6	35.5	25.1
Lehigh	265.6	192.0	49.1	33.1	29.1	22.7
Luzerne	350.3	214.1	47.2	33.0	29.8	35.6
Lycoming	291.1	203.8	60.1	43.2	31.4	28.0
McKean	292.8	221.9	58.2	43.9	34.9	27.2
Mercer	286.5	193.5	53.0	41.7	40.1	25.2
Mifflin	305.5	178.9	61.1	39.9	36.2	21.0
Monroe	284.1	231.5	51.3	47.9	31.4	25.5
Montgomery	220.3	191.7	59.7	33.2	30.7	16.2
Montour	310.0	225.6	51.7	37.8	40.3	33.9
Northampton	268.5	206.1	46.7	35.4	27.4	25.3
Northumberland	310.2	207.7	59.4	36.7	38.3	32.4
Perry	329.8	203.8	59.3	42.0	40.8	27.0
Philadelphia	315.2	265.1	63.8	37.4	54.3	27.9
Pike	205.0	148.8	35.5	26.7	36.1	14.8
Potter	275.7	192.8	52.7	40.1	44.4	28.6
Schuylkill	331.6	215.5	52.2	37.2	42.1	29.7
Snyder	261.9	192.6	51.3	35.1	25.1	22.3
Somerset	297.2	183.6	53.2	33.0	45.2	16.6
Sullivan	273.2	255.5	62.2	52.4	36.4	43.5
Susquehanna	324.6	213.6	49.5	49.9	41.0	18.3
Tioga	294.0	188.8	69.3	41.2	36.5	43.3
Union	302.3	161.3	56.4	38.2	24.5	29.6
Venango	297.5	203.0	64.9	58.4	48.2	40.7
Warren	300.7	201.1	62.2	40.5	47.1	22.5
Washington	284.8	209.4	50.8	36.9	31.6	26.2
Wayne	332.6	225.0	61.5	37.8	38.8	21.7
Westmoreland	302.9	200.1	53.0	34.6	35.3	24.6
Wyoming	300.6	190.2	54.4	47.8	37.3	24.3
York	261.3	200.9	57.8	38.6	35.7	24.7

Notes: Age-adjusted rates are computed by the direct method using the 2000 U.S. standard million population. Rates are per 100,000. See Technical Notes. Data for 1999 based on ICD-10 and 1995-1998 based on ICD-9 cause of death codes.

Figure C-32
Average Annual Age-Adjusted Death Rates for Diseases of Heart by County
Pennsylvania Residents, 1995-1999

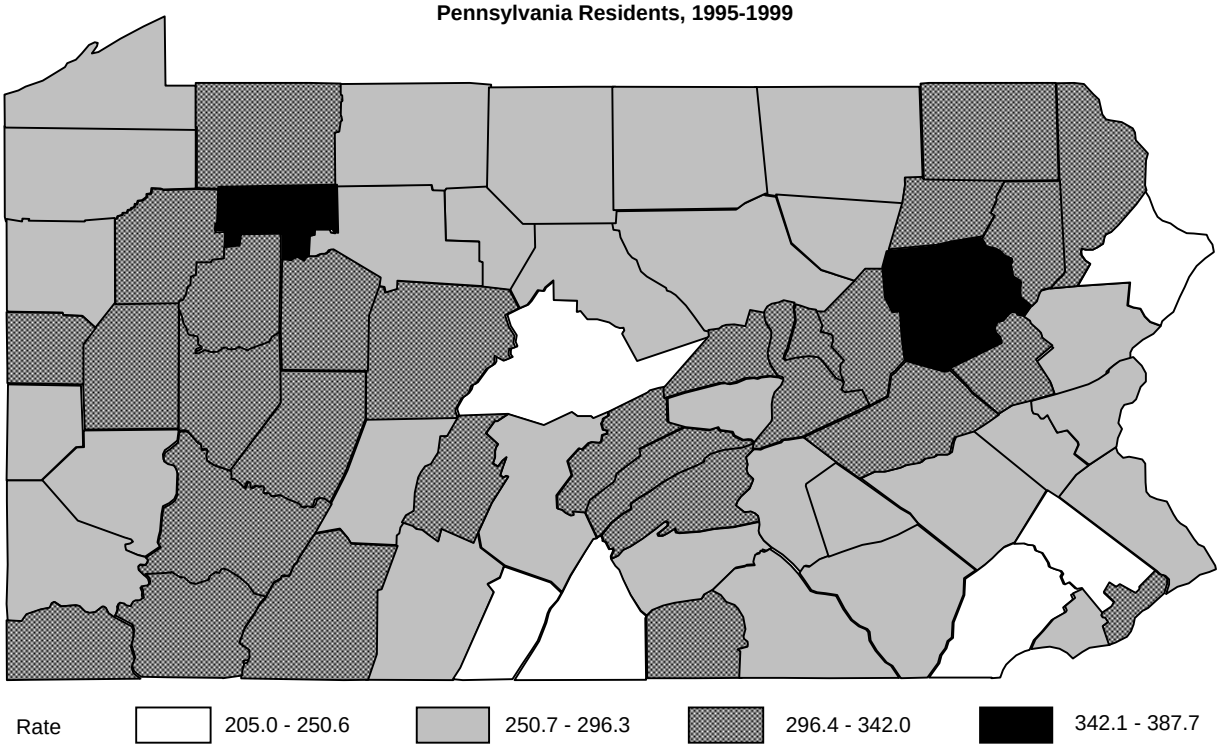
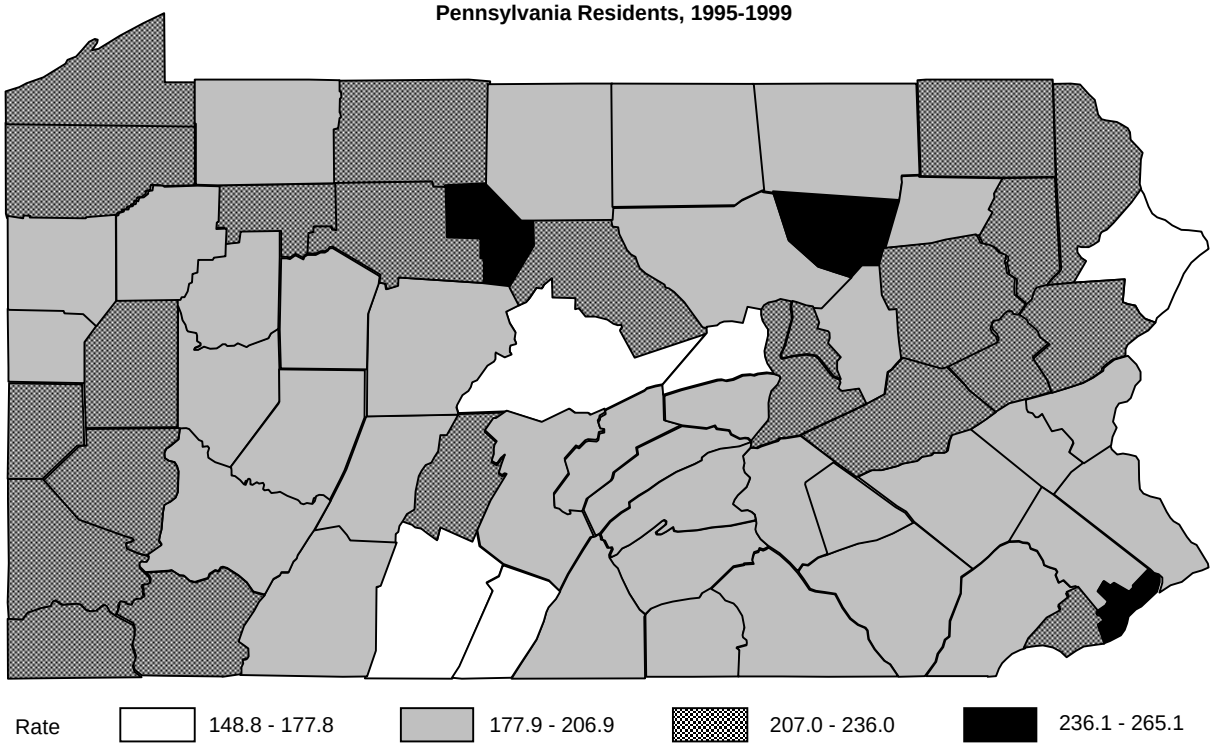


Figure C-33
Average Annual Age-Adjusted Death Rates for Malignant Neoplasms by County
Pennsylvania Residents, 1995-1999



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

Figure C-34
Average Annual Age-Adjusted Death Rates for Cerebrovascular Disease by County
Pennsylvania Residents, 1995-1999

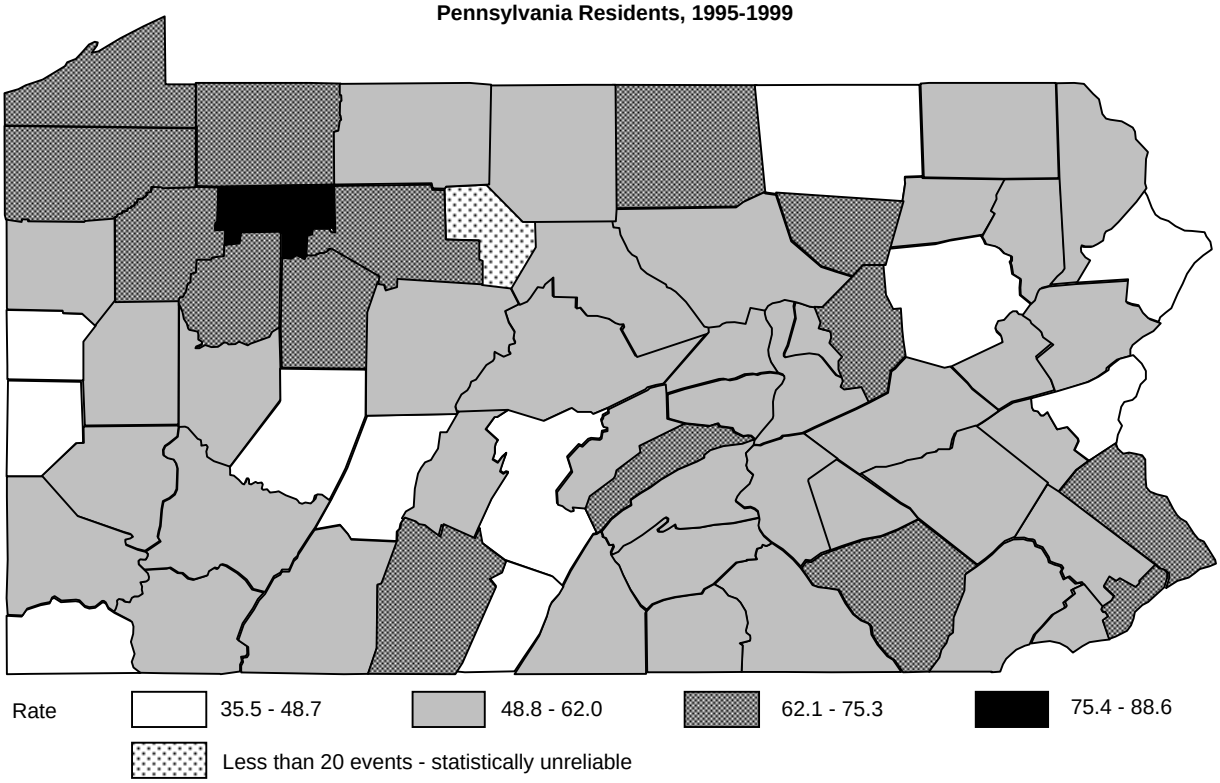
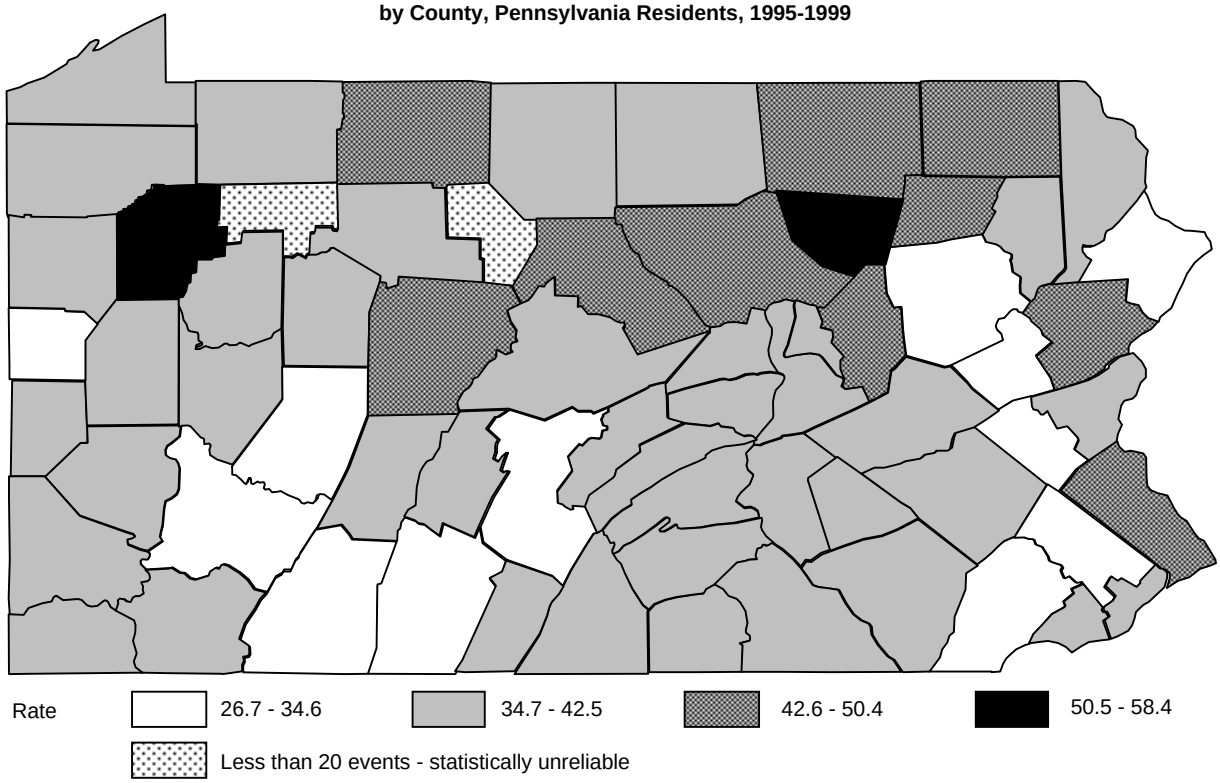


Figure C-35
Average Annual Age-Adjusted Death Rates for Chronic Lower Respiratory Disease
by County, Pennsylvania Residents, 1995-1999



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

Figure C-36
Average Annual Age-Adjusted Death Rates for Accidents by County
Pennsylvania Residents, 1995-1999

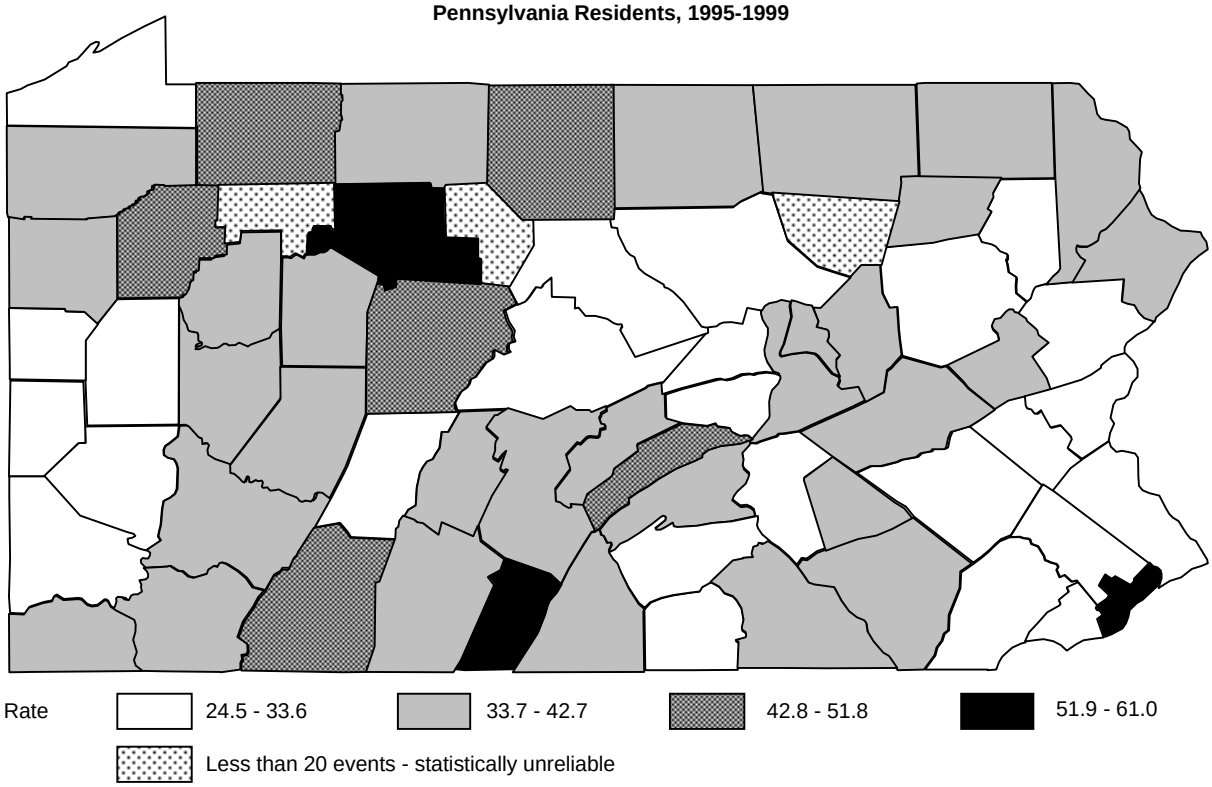
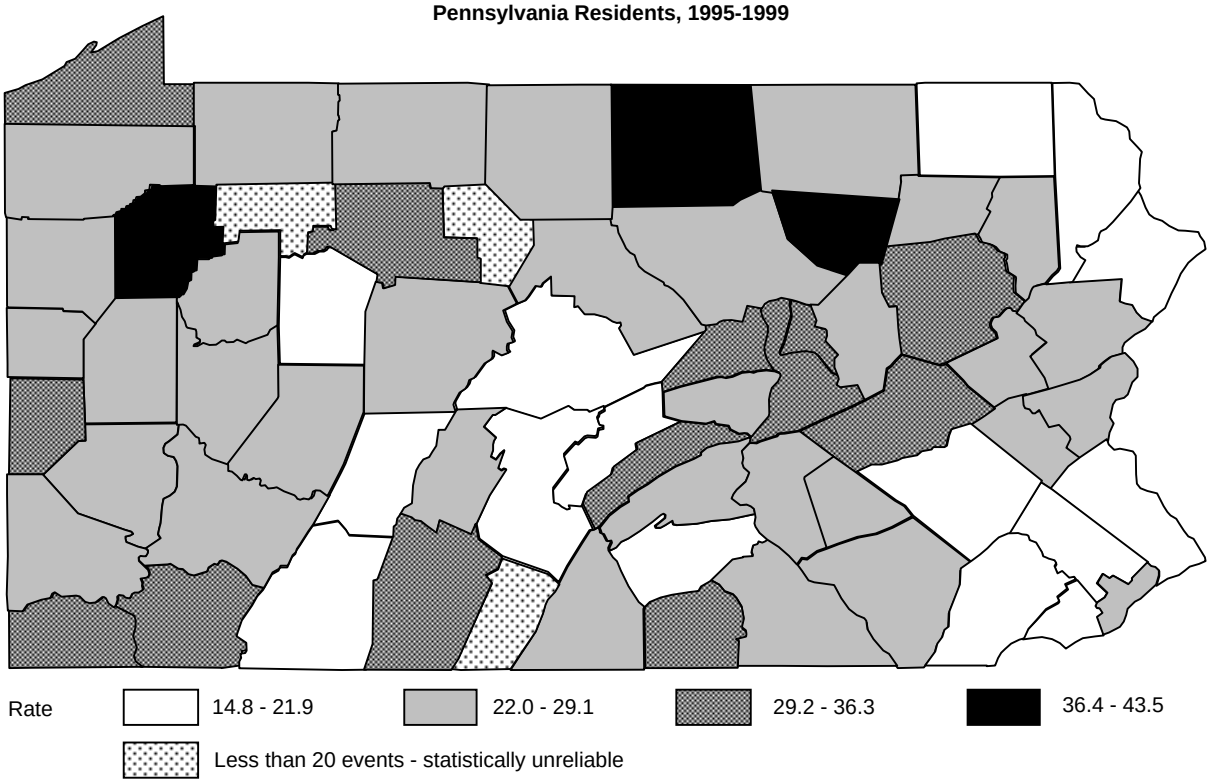


Figure C-37
Average Annual Age-Adjusted Death Rates for Diabetes Mellitus by County
Pennsylvania Residents, 1995-1999



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

Table C-30
Resident Deaths by Age Group and County
Pennsylvania, 1999

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	129,430	1,203	150	142	533	734	1,636	3,768	6,807	11,351	24,675	41,402	37,029
Adams	837	11	0	3	7	6	7	17	36	74	157	253	266
Allegheny	15,403	131	12	14	41	66	165	415	772	1,236	2,934	5,228	4,389
Armstrong	878	7	2	3	4	4	6	14	40	71	169	320	238
Beaver	2,200	15	2	3	10	11	22	54	106	181	447	786	563
Bedford	483	8	1	0	3	1	5	11	21	47	92	161	133
Berks	3,600	34	5	7	22	23	44	98	175	294	708	1,112	1,078
Blair	1,568	11	2	1	7	13	21	40	69	127	282	511	484
Bradford	589	1	0	3	1	3	4	16	31	51	100	202	177
Bucks	5,061	44	11	2	15	32	75	182	285	433	996	1,544	1,442
Butler	1,685	18	0	0	1	8	22	38	79	132	316	526	545
Cambria	1,929	8	2	0	8	10	20	38	81	158	373	655	576
Cameron	79	0	1	0	0	1	2	2	6	8	18	24	17
Carbon	706	2	0	1	1	7	12	16	29	52	148	264	174
Centre	780	8	0	0	2	2	10	21	38	69	162	249	219
Chester	3,010	28	4	6	15	12	40	97	194	286	555	956	817
Clarion	410	2	0	0	1	3	9	7	16	50	84	128	110
Clearfield	907	9	1	2	4	6	9	20	34	101	182	306	233
Clinton	398	5	0	0	0	3	4	9	11	41	76	140	109
Columbia	701	3	1	1	3	1	9	11	32	62	110	272	196
Crawford	1,003	12	2	1	9	2	11	24	49	81	181	315	316
Cumberland	2,052	14	4	4	7	6	16	30	103	151	345	691	681
Dauphin	2,508	17	3	1	13	11	32	79	152	241	507	761	691
Delaware	5,733	42	2	3	28	30	69	172	295	464	1,095	1,894	1,639
Elk	386	1	1	0	1	3	3	14	17	34	70	152	90
Erie	2,767	40	5	5	15	19	29	76	157	237	556	887	741
Fayette	1,869	18	2	0	5	9	18	44	90	157	379	647	500
Forest	81	0	0	0	0	0	2	1	5	9	28	19	17
Franklin	1,242	10	3	4	5	7	12	28	70	121	235	356	391
Fulton	113	0	0	0	0	2	1	5	13	12	17	35	28
Greene	477	6	3	0	1	4	8	14	25	44	86	147	139
Huntingdon	395	3	0	1	1	3	3	14	22	45	84	105	114
Indiana	922	14	2	2	8	6	11	17	45	69	177	324	247
Jefferson	551	7	1	1	3	7	4	5	19	45	117	172	170

(Continued)

Table C-30
Resident Deaths by Age Group and County
Pennsylvania, 1999

	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	253	7	2	0	1	0	2	3	9	21	50	91	67
Lackawanna	2,946	17	1	2	9	12	24	68	132	208	531	1,019	923
Lancaster	4,248	53	5	6	19	24	46	116	199	302	737	1,246	1,495
Lawrence	1,139	7	1	0	4	7	7	26	46	81	217	416	327
Lebanon	1,238	12	2	1	9	11	14	31	55	102	215	373	413
Lehigh	3,052	33	3	3	9	13	33	79	157	272	559	947	944
Luzerne	4,424	23	2	3	14	18	35	124	212	377	851	1,441	1,324
Lycoming	1,253	16	0	3	2	5	9	29	65	121	231	403	369
McKean	555	2	0	2	3	2	8	12	22	47	121	169	167
Mercer	1,441	5	0	2	5	5	15	24	49	139	287	465	445
Mifflin	496	6	1	0	5	1	4	13	21	48	94	169	134
Monroe	1,067	12	3	0	6	8	9	46	81	118	223	298	263
Montgomery	6,855	61	3	4	31	23	74	192	321	531	1,216	2,150	2,249
Montour	229	3	1	0	3	2	5	4	8	7	40	82	74
Northampton	2,455	17	1	3	12	11	25	58	117	250	462	839	660
Northumberland	1,211	5	1	3	7	8	15	25	51	88	236	416	356
Perry	409	9	3	1	4	4	11	16	21	39	75	121	105
Philadelphia	17,709	286	28	25	88	184	409	848	1,350	1,941	3,350	5,004	4,196
Pike	293	1	0	0	2	2	1	9	15	35	66	88	74
Potter	173	1	1	1	0	1	2	2	6	16	30	56	57
Schuylkill	2,035	15	3	1	7	7	31	33	101	160	420	680	577
Snyder	288	7	1	0	0	1	1	6	13	35	67	67	90
Somerset	928	5	4	0	5	9	7	23	36	83	181	287	288
Sullivan	119	0	0	0	0	0	0	4	2	8	33	39	33
Susquehanna	448	3	0	1	3	2	4	12	17	50	73	150	133
Tioga	440	1	0	0	2	3	6	8	20	41	69	160	130
Union	307	5	0	1	1	0	4	12	8	26	42	105	103
Venango	663	8	2	0	7	5	6	19	32	67	128	199	190
Warren	519	1	1	1	3	1	3	14	27	56	104	162	146
Washington	2,443	9	1	4	5	6	21	50	87	204	485	860	711
Wayne	521	2	1	0	2	2	7	18	21	45	116	142	165
Westmoreland	4,401	21	6	4	9	15	44	89	202	328	885	1,524	1,274
Wyoming	266	3	0	0	2	0	9	10	12	28	57	73	72
York	3,283	18	1	3	13	21	40	116	175	294	638	1,019	945

*Unknown age included in the 85 & over age group.

Table C-31
Resident Deaths by Sex, Race and County
Pennsylvania, 1999

County	All Deaths	White* Total	White* Male**	White* Female	Black Total	Black Male**	Black Female
All Counties	129,430	116,849	55,060	61,789	12,083	6,094	5,989
Adams	837	828	386	442	9	6	3
Allegheny	15,403	13,607	6,250	7,357	1,765	870	895
Armstrong	878	867	421	446	11	3	8
Beaver	2,200	2,075	1,036	1,039	124	65	59
Bedford	483	481	239	242	2	2	0
Berks	3,600	3,501	1,676	1,825	89	53	36
Blair	1,568	1,556	767	789	12	4	8
Bradford	589	587	303	284	1	1	0
Bucks	5,061	4,893	2,325	2,568	129	59	70
Butler	1,685	1,670	779	891	12	7	5
Cambria	1,929	1,889	900	989	37	19	18
Cameron	79	79	48	31	0	0	0
Carbon	706	702	376	326	3	1	2
Centre	780	772	345	427	5	4	1
Chester	3,010	2,758	1,282	1,476	239	111	128
Clarion	410	408	218	190	2	0	2
Clearfield	907	900	444	456	6	4	2
Clinton	398	398	185	213	0	0	0
Columbia	701	697	323	374	1	1	0
Crawford	1,003	994	500	494	9	7	2
Cumberland	2,052	2,013	900	1,113	30	16	14
Dauphin	2,508	2,134	1,003	1,131	362	188	174
Delaware	5,733	5,068	2,360	2,708	626	337	289
Elk	386	386	217	169	0	0	0
Erie	2,767	2,651	1,252	1,399	110	67	43
Fayette	1,869	1,788	829	959	81	38	43
Forest	81	80	47	33	1	1	0
Franklin	1,242	1,221	570	651	21	13	8
Fulton	113	112	59	53	1	1	0
Greene	477	469	225	244	7	4	3
Huntingdon	395	390	198	192	5	2	3
Indiana	922	915	447	468	7	3	4
Jefferson	551	549	241	308	2	0	2

(Continued)

Table C-31
Resident Deaths by Sex, Race and County
Pennsylvania, 1999

County	All Deaths	White* Total	White* Male**	White* Female	Black Total	Black Male**	Black Female
Juniata	253	253	118	135	0	0	0
Lackawanna	2,946	2,936	1,304	1,632	7	4	3
Lancaster	4,248	4,150	1,913	2,237	78	46	32
Lawrence	1,139	1,110	531	579	28	14	14
Lebanon	1,238	1,225	577	648	9	7	2
Lehigh	3,052	2,971	1,393	1,578	64	36	28
Luzerne	4,424	4,391	2,032	2,359	26	16	10
Lycoming	1,253	1,225	582	643	27	14	13
McKean	555	552	251	301	1	1	0
Mercer	1,441	1,378	655	723	62	29	33
Mifflin	496	495	228	267	0	0	0
Monroe	1,067	1,032	519	513	32	18	14
Montgomery	6,855	6,360	2,982	3,378	435	221	214
Montour	229	228	97	131	0	0	0
Northampton	2,455	2,402	1,152	1,250	43	25	18
Northumberland	1,211	1,206	533	673	5	2	3
Perry	409	408	219	189	1	0	1
Philadelphia	17,709	10,253	4,806	5,447	7,282	3,644	3,638
Pike	293	287	154	133	6	2	4
Potter	173	173	88	85	0	0	0
Schuylkill	2,035	2,029	947	1,082	4	2	2
Snyder	288	286	153	133	2	1	1
Somerset	928	923	439	484	5	4	1
Sullivan	119	118	72	46	0	0	0
Susquehanna	448	442	216	226	3	0	3
Tioga	440	438	196	242	2	0	2
Union	307	304	143	161	2	1	1
Venango	663	660	311	349	2	1	1
Warren	519	519	263	256	0	0	0
Washington	2,443	2,364	1,118	1,246	79	34	45
Wayne	521	519	249	270	2	0	2
Westmoreland	4,401	4,330	1,997	2,333	69	29	40
Wyoming	266	266	128	138	0	0	0
York	3,283	3,178	1,543	1,635	98	56	42

* Unknown race included in the white category.
**Unknown sex included in the male category.

Table C-32
Selected Causes of Death by County, Pennsylvania Residents, 1999

County	All Causes	Diseases of Heart: Total Diseases of Heart	Diseases of Heart: Ischemic Excl. Acute Myocardial Infarction	Diseases of Heart: Acute Myocardial Infarction	Diseases of Heart: Other Heart Disease	Malignant Neoplasms: Total Malignant Neoplasms	Malignant Neoplasms: Trachea, Bronchus, Lung, and Pleura	Malignant Neoplasms: Colon
All Counties	129,430	41,420	17,789	11,729	11,902	30,136	7,888	3,011
Adams	837	273	150	64	59	187	46	17
Allegheny	15,403	5,031	2,383	1,380	1,268	3,692	1,008	345
Armstrong	878	308	106	85	117	184	53	23
Beaver	2,200	686	274	206	206	540	138	54
Bedford	483	162	83	38	41	111	24	14
Berks	3,600	1,178	367	323	488	813	209	83
Blair	1,568	571	239	157	175	343	87	36
Bradford	589	197	75	42	80	131	36	10
Bucks	5,061	1,439	622	349	468	1,236	339	140
Butler	1,685	585	294	140	151	386	89	40
Cambria	1,929	660	279	176	205	417	110	36
Cameron	79	29	6	18	5	13	4	2
Carbon	706	248	91	68	89	174	40	18
Centre	780	243	69	88	86	186	42	13
Chester	3,010	916	429	244	243	735	188	63
Clarion	410	150	47	65	38	96	21	6
Clearfield	907	314	125	92	97	216	61	24
Clinton	398	131	46	47	38	91	25	10
Columbia	701	276	88	117	71	125	29	19
Crawford	1,003	318	113	95	110	232	71	27
Cumberland	2,052	648	283	188	177	458	124	45
Dauphin	2,508	853	303	213	337	560	122	58
Delaware	5,733	1,688	765	459	464	1,367	367	130
Elk	386	98	30	49	19	99	30	7
Erie	2,767	853	312	290	251	629	191	47
Fayette	1,869	647	350	149	148	435	139	35
Forest	81	24	12	6	6	20	6	1
Franklin	1,242	339	119	91	129	313	83	29
Fulton	113	26	17	5	4	17	4	4
Greene	477	166	67	48	51	106	34	11
Huntingdon	395	141	56	51	34	88	23	10
Indiana	922	310	108	99	103	189	49	20
Jefferson	551	206	77	64	65	108	22	10
Juniata	253	76	26	25	25	57	13	8
Lackawanna	2,946	1,116	460	289	367	650	157	73
Lancaster	4,248	1,306	610	279	417	947	234	106
Lawrence	1,139	410	176	142	92	271	61	25
Lebanon	1,238	392	142	155	95	308	77	30
Lehigh	3,052	997	390	311	296	699	168	75
Luzerne	4,424	1,703	767	541	395	1,013	251	132
Lycoming	1,253	411	153	135	123	284	66	30
McKean	555	176	83	54	39	116	38	15
Mercer	1,441	485	202	167	116	329	80	38
Mifflin	496	180	77	36	67	111	25	12
Monroe	1,067	324	139	78	107	307	86	25
Montgomery	6,855	1,911	816	546	549	1,666	394	156
Montour	229	78	35	21	22	50	10	3
Northampton	2,455	797	382	198	217	627	153	66
Northumberland	1,211	412	159	158	95	251	50	27
Perry	409	147	57	54	36	88	21	8
Philadelphia	17,709	5,023	2,210	1,355	1,458	4,138	1,152	407
Pike	293	84	30	23	31	75	24	8
Potter	173	63	23	23	17	39	10	6
Schuylkill	2,035	723	349	223	151	459	138	45
Snyder	288	95	38	36	21	69	21	8
Somerset	928	337	132	83	122	185	49	12
Sullivan	119	33	12	9	12	26	4	2
Susquehanna	448	156	65	50	41	116	23	14
Tioga	440	133	51	35	47	109	23	16
Union	307	107	61	20	26	47	11	8
Venango	663	215	101	46	68	128	45	7
Warren	519	185	86	62	37	118	25	15
Washington	2,443	802	390	207	205	570	158	54
Wayne	521	183	83	62	38	129	27	11
Westmoreland	4,401	1,516	687	430	399	1,001	252	95
Wyoming	266	94	40	21	33	64	20	6
York	3,283	1,036	372	349	315	792	208	81

Table C-32 (Continued)
Selected Causes of Death by County, Pennsylvania Residents, 1999

County	Malignant Neoplasms					
	Female Breast	Prostate	Pancreas	Non-Hodgkin's Lymphomas	Leukemias	All Other Sites
All Counties	2,371	1,713	1,565	1,326	1,150	11,112
Adams	14	12	11	11	6	70
Allegheny	286	222	174	169	129	1,359
Armstrong	10	8	9	13	13	55
Beaver	50	29	26	12	24	207
Bedford	10	8	6	4	5	40
Berks	70	53	38	38	33	289
Blair	31	20	10	21	13	125
Bradford	17	6	8	4	7	43
Bucks	98	72	60	49	48	430
Butler	40	18	17	20	19	143
Cambria	27	28	27	17	22	150
Cameron	2	2	0	0	1	2
Carbon	8	15	7	6	10	70
Centre	13	9	19	13	6	71
Chester	59	50	39	31	32	273
Clarion	8	8	9	4	7	33
Clearfield	16	9	11	8	13	74
Clinton	7	7	3	7	3	29
Columbia	5	8	3	7	4	50
Crawford	17	16	7	6	8	80
Cumberland	37	25	16	21	22	168
Dauphin	48	33	22	21	23	233
Delaware	110	81	65	60	50	504
Elk	10	5	4	5	4	34
Erie	38	25	28	18	23	259
Fayette	30	20	22	26	14	149
Forest	2	1	1	0	0	9
Franklin	27	15	19	18	16	106
Fulton	2	1	0	0	0	6
Greene	3	4	5	2	3	44
Huntingdon	5	2	2	7	4	35
Indiana	9	15	14	10	7	65
Jefferson	12	8	6	4	2	44
Juniata	4	1	3	3	2	23
Lackawanna	44	31	41	29	22	253
Lancaster	74	61	50	41	32	349
Lawrence	25	17	19	12	8	104
Lebanon	25	19	20	15	10	112
Lehigh	65	34	45	42	24	246
Luzerne	60	48	53	41	45	383
Lycoming	17	19	16	13	10	113
McKean	6	7	5	7	6	32
Mercer	30	14	18	10	15	124
Mifflin	11	3	8	6	3	43
Monroe	25	16	22	13	11	109
Montgomery	150	104	97	80	72	613
Montour	4	1	1	3	3	25
Northampton	38	33	35	34	28	240
Northumberland	33	15	20	10	9	87
Perry	4	2	3	8	2	40
Philadelphia	342	218	218	130	119	1,552
Pike	3	2	4	2	5	27
Potter	1	2	2	2	1	15
Schuylkill	37	23	12	28	14	162
Snyder	5	5	5	1	2	22
Somerset	15	12	16	10	13	58
Sullivan	2	4	0	1	0	13
Susquehanna	5	5	9	5	3	52
Tioga	9	9	1	7	5	39
Union	3	2	3	2	0	18
Venango	11	6	4	8	4	43
Warren	8	5	7	4	5	49
Washington	44	33	29	33	27	192
Wayne	13	10	6	6	1	55
Westmoreland	72	63	57	52	50	360
Wyoming	4	4	1	3	0	26
York	61	50	47	33	28	284

Table C-32 (Continued) Revised

Selected Causes of Death by County, Pennsylvania Residents, 1999

County	Cerebrovascu-lar Disease	Chronic Lower Respiratory Dis.	Accidents: Non-Transport	Accidents: Motor Vehicle	Accidents: Other Transport	Diabetes Mellitus	Influenza & Pneumonia
All Counties	8,547	6,114	2,829	1,521	155	3,725	3,093
Adams	63	40	19	24	0	31	19
Allegheny	992	727	341	80	12	425	394
Armstrong	56	42	20	14	1	31	30
Beaver	109	101	29	22	0	84	56
Bedford	40	25	11	15	0	27	10
Berks	222	194	63	47	1	104	127
Blair	91	60	30	25	3	42	38
Bradford	31	38	11	8	1	25	12
Bucks	359	270	112	66	9	127	106
Butler	108	92	40	17	2	55	42
Cambria	118	93	43	21	1	53	45
Cameron	5	5	2	0	0	2	2
Carbon	40	30	13	9	1	21	9
Centre	48	40	16	10	1	24	29
Chester	213	140	57	54	4	76	90
Clarion	31	14	6	12	0	12	7
Clearfield	60	49	23	18	0	33	17
Clinton	29	23	3	4	1	12	8
Columbia	67	35	10	16	2	25	9
Crawford	64	54	20	24	2	32	18
Cumberland	142	122	40	28	8	52	53
Dauphin	140	128	45	39	3	55	86
Delaware	410	327	101	45	8	136	120
Elk	24	18	10	6	1	16	8
Erie	216	147	62	39	5	82	69
Fayette	117	78	34	20	1	80	30
Forest	7	3	1	1	0	4	0
Franklin	93	66	25	27	0	37	36
Fulton	6	9	2	6	0	7	2
Greene	29	19	11	6	1	14	18
Huntingdon	28	15	9	7	0	8	7
Indiana	42	37	13	21	2	29	40
Jefferson	45	23	7	11	2	13	8
Juniata	17	6	6	6	0	10	8
Lackawanna	181	135	65	19	1	79	60
Lancaster	357	206	89	59	5	130	132
Lawrence	72	50	23	11	1	43	22
Lebanon	84	66	32	17	2	40	23
Lehigh	187	119	60	31	2	94	68
Luzerne	230	180	86	31	11	153	83
Lycoming	110	85	17	13	1	44	27
McKean	27	34	7	10	1	14	18
Mercer	91	76	23	16	3	45	24
Mifflin	31	22	16	6	2	5	14
Monroe	52	54	24	13	2	32	25
Montgomery	518	332	189	60	6	163	186
Montour	13	8	2	7	1	11	7
Northampton	129	109	47	36	0	79	55
Northumberland	77	66	13	23	1	41	45
Perry	27	18	6	13	1	11	6
Philadelphia	1,142	666	570	139	23	425	363
Pike	17	12	4	4	0	10	2
Potter	8	9	2	6	0	8	3
Schuylkill	123	88	36	42	2	61	36
Snyder	26	12	4	4	0	2	6
Somerset	68	34	17	22	2	20	15
Sullivan	3	5	3	1	0	8	2
Susquehanna	26	29	3	12	0	6	8
Tioga	40	22	5	12	0	33	13
Union	24	28	4	2	0	13	5
Venango	62	35	12	11	0	30	22
Warren	36	27	16	11	1	10	15
Washington	155	113	44	24	6	79	47
Wayne	35	28	10	6	0	15	6
Westmoreland	287	208	88	43	6	131	115
Wyoming	15	11	8	5	0	9	6
York	232	157	69	64	3	97	81

Table C-32 (Continued)
Selected Causes of Death by County, Pennsylvania Residents, 1999

County	Nephritis, Nephrotic Syn. & Nephrosis	Septicemia	Alzheimer's Disease	Intentional Self-harm (Suicide)	Chronic Liver Disease & Cirrhosis	In Situ, Benign, & Uncertain Neoplasms	Parkinson's Disease
All Counties	2,672	2,538	2,184	1,272	1,018	769	749
Adams	19	9	12	6	4	2	4
Allegheny	340	291	218	137	128	87	97
Armstrong	19	19	10	6	5	4	7
Beaver	52	43	58	21	20	13	14
Bedford	5	6	4	10	6	5	3
Berks	59	59	65	36	29	19	20
Blair	37	43	19	19	10	12	9
Bradford	10	6	15	3	4	4	2
Bucks	91	119	86	46	34	34	32
Butler	46	23	24	17	10	8	12
Cambria	58	31	31	20	23	13	10
Cameron	3	0	2	2	0	0	1
Carbon	16	9	9	8	4	2	5
Centre	10	13	14	8	5	7	8
Chester	63	48	57	26	28	16	17
Clarion	3	5	5	5	3	0	0
Clearfield	19	7	13	9	6	9	3
Clinton	11	10	4	4	5	3	0
Columbia	8	8	13	5	3	6	5
Crawford	14	9	38	6	6	6	8
Cumberland	28	37	57	15	14	14	33
Dauphin	55	70	23	22	21	9	10
Delaware	115	136	74	61	51	40	31
Elk	10	14	6	8	3	1	3
Erie	48	34	41	39	18	22	9
Fayette	31	31	23	20	19	11	15
Forest	0	3	1	0	0	1	0
Franklin	27	15	35	13	11	6	11
Fulton	1	2	1	3	0	0	2
Greene	15	9	4	7	3	5	1
Huntingdon	4	6	7	7	4	4	5
Indiana	17	16	10	15	6	4	2
Jefferson	12	9	11	3	4	1	2
Juniata	10	6	5	2	0	2	2
Lackawanna	50	41	78	31	17	16	16
Lancaster	87	56	134	50	25	29	28
Lawrence	36	10	12	9	7	6	6
Lebanon	33	27	23	9	8	5	7
Lehigh	64	81	69	31	18	23	14
Luzerne	77	49	65	28	37	25	20
Lycoming	22	16	29	7	12	8	6
McKean	10	2	10	5	3	6	1
Mercer	41	29	26	9	7	7	8
Mifflin	11	13	5	2	2	2	4
Monroe	21	17	16	22	10	7	5
Montgomery	123	138	148	69	42	41	54
Montour	4	2	10	3	0	0	4
Northampton	60	48	31	31	18	15	14
Northumberland	26	20	26	17	5	12	7
Perry	6	9	5	6	7	3	1
Philadelphia	426	603	188	153	174	83	52
Pike	7	3	6	5	5	6	2
Potter	1	2	1	3	0	2	1
Schuylkill	26	20	21	25	24	17	6
Snyder	8	8	4	4	2	1	0
Somerset	29	19	12	7	10	1	8
Sullivan	3	0	7	1	1	1	1
Susquehanna	10	6	4	10	4	5	4
Tioga	10	4	5	2	3	0	2
Union	6	3	6	2	0	3	1
Venango	9	8	11	10	4	3	5
Warren	10	0	3	4	7	3	2
Washington	54	51	49	25	20	17	23
Wayne	3	4	10	4	1	7	6
Westmoreland	92	69	53	46	27	24	38
Wyoming	5	0	4	2	5	2	1
York	46	34	118	31	26	19	19

Table C-32 (Continued)
Selected Causes of Death by County, Pennsylvania Residents, 1999

County	Essential Hypertension & Hypertensive Renal Disease	Athero-sclerosis	Assault (Homicide)	Perinatal Condition	HIV Disease	All Other Causes
All Counties	743	637	634	570	493	17,611
Adams	3	7	0	4	2	109
Allegheny	85	68	82	74	27	2,075
Armstrong	4	2	1	6	0	109
Beaver	7	1	8	8	2	326
Bedford	2	2	1	0	0	38
Berks	18	12	14	8	23	489
Blair	8	3	3	5	0	197
Bradford	4	3	2	0	0	82
Bucks	32	32	10	21	12	788
Butler	8	7	5	10	1	187
Cambria	19	13	4	3	2	251
Cameron	1	1	0	0	0	11
Carbon	6	8	2	1	0	91
Centre	2	4	4	5	2	101
Chester	13	6	7	16	6	422
Clarion	1	2	0	0	1	57
Clearfield	7	1	4	3	1	95
Clinton	4	1	0	1	0	53
Columbia	4	7	2	1	1	73
Crawford	6	8	3	4	1	130
Cumberland	12	14	5	3	3	266
Dauphin	14	27	7	9	13	319
Delaware	31	46	24	22	33	867
Elk	2	3	2	1	0	53
Erie	20	8	8	17	6	395
Fayette	13	17	6	7	1	233
Forest	0	1	0	0	0	15
Franklin	7	2	1	4	2	172
Fulton	2	4	0	0	0	23
Greene	2	5	2	1	2	51
Huntingdon	2	1	1	0	1	50
Indiana	4	1	1	8	0	155
Jefferson	1	11	1	5	0	68
Juniata	3	3	0	1	0	33
Lackawanna	18	16	9	10	3	335
Lancaster	14	16	14	22	11	531
Lawrence	7	3	3	5	0	132
Lebanon	9	4	2	4	2	141
Lehigh	15	8	11	12	14	435
Luzerne	33	86	5	11	0	498
Lycoming	4	4	3	5	2	143
McKean	2	0	1	1	0	111
Mercer	8	6	3	4	1	200
Mifflin	4	0	0	2	0	64
Monroe	3	3	4	5	4	117
Montgomery	45	35	13	34	11	1,071
Montour	1	3	0	2	0	23
Northampton	14	5	6	8	6	320
Northumberland	5	1	6	1	0	156
Perry	1	1	0	4	0	49
Philadelphia	135	37	310	150	277	2,632
Pike	2	1	1	0	0	47
Potter	1	1	0	0	0	23
Schuylkill	15	10	6	3	1	291
Snyder	1	0	0	0	0	42
Somerset	2	1	3	2	0	134
Sullivan	1	0	0	0	0	23
Susquehanna	1	0	3	1	0	44
Tioga	2	2	0	1	0	42
Union	1	2	0	1	0	52
Venango	5	5	0	5	0	83
Warren	1	1	0	1	0	68
Washington	12	10	2	4	0	336
Wayne	3	1	0	1	2	67
Westmoreland	19	39	8	15	2	574
Wyoming	1	0	2	2	0	30
York	11	5	9	6	15	413

Table C-33
Selected Causes of Death by County, Number and Average Annual Rate*:
Pennsylvania Residents, 1995-1999

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	210,808	350.5	150,215	249.8	41,868	69.6	27,615	45.9	22,255	37.0
Adams	1,405	327.6	904	210.8	283	66.0	175	40.8	147	34.3
Allegheny	25,763	401.8	18,601	290.1	4,878	76.1	3,211	50.1	1,995	31.1
Armstrong	1,562	424.2	926	251.5	258	70.1	198	53.8	149	40.5
Beaver	3,474	374.4	2,646	285.2	580	62.5	466	50.2	263	28.3
Bedford	878	355.7	524	212.3	234	94.8	92	37.3	107	43.3
Berks	6,011	339.6	4,124	233.0	1,261	71.2	781	44.1	620	35.0
Blair	2,915	445.3	1,746	266.7	474	72.4	340	51.9	259	39.6
Bradford	1,076	345.4	705	226.3	174	55.9	173	55.5	109	35.0
Bucks	6,858	235.1	5,801	198.9	1,701	58.3	1,179	40.4	789	27.0
Butler	2,887	341.3	1,858	219.7	531	62.8	355	42.0	254	30.0
Cambria	3,320	422.2	2,189	278.4	546	69.4	432	54.9	326	41.5
Cameron	115	405.5	95	335.0	19	67.0	17	59.9	13	45.8
Carbon	1,314	446.8	829	281.9	209	71.1	117	39.8	128	43.5
Centre	1,210	183.0	911	137.8	278	42.0	185	28.0	160	24.2
Chester	4,583	219.9	3,840	184.3	995	47.7	653	31.3	593	28.5
Clarion	784	373.6	428	204.0	156	74.3	90	42.9	84	40.0
Clearfield	1,564	389.5	1,010	251.6	264	65.8	225	56.0	191	47.6
Clinton	667	360.5	467	252.4	132	71.3	115	62.2	58	31.4
Columbia	1,247	389.0	683	213.0	245	76.4	170	53.0	126	39.3
Crawford	1,501	336.4	1,080	242.0	352	78.9	224	50.2	185	41.5
Cumberland	3,104	298.4	2,158	207.5	700	67.3	500	48.1	334	32.1
Dauphin	4,003	325.4	2,815	228.8	712	57.9	551	44.8	424	34.5
Delaware	8,580	315.0	7,043	258.6	2,092	76.8	1,363	50.0	767	28.2
Elk	581	333.8	477	274.0	148	85.0	77	44.2	99	56.9
Erie	4,406	316.1	3,106	222.8	1,088	78.1	641	46.0	467	33.5
Fayette	3,381	465.6	2,069	284.9	590	81.3	401	55.2	312	43.0
Forest	145	584.8	81	326.7	31	125.0	15	60.5	11	44.4
Franklin	1,758	275.7	1,451	227.5	436	68.4	301	47.2	238	37.3
Fulton	187	258.4	140	193.5	36	49.7	28	38.7	45	62.2
Greene	826	396.7	513	246.4	101	48.5	104	50.0	84	40.3
Huntingdon	718	319.9	462	205.9	111	49.5	74	33.0	97	43.2
Indiana	1,524	341.5	956	214.2	246	55.1	166	37.2	181	40.6
Jefferson	1,014	436.8	559	240.8	199	85.7	123	53.0	88	37.9
Juniata	375	341.9	247	225.2	78	71.1	44	40.1	56	51.0
Lackawanna	5,544	525.8	3,109	294.8	851	80.7	645	61.2	361	34.2
Lancaster	6,525	287.6	4,686	206.5	1,497	66.0	912	40.2	808	35.6
Lawrence	2,145	449.5	1,312	274.9	322	67.5	210	44.0	176	36.9
Lebanon	2,023	344.9	1,478	252.0	390	66.5	286	48.8	224	38.2
Lehigh	5,066	339.4	3,533	236.7	949	63.6	637	42.7	483	32.4
Luzerne	8,715	547.9	4,878	306.7	1,203	75.6	807	50.7	543	34.1
Lycoming	2,095	354.1	1,410	238.3	435	73.5	309	52.2	197	33.3
McKean	900	381.4	641	271.7	184	78.0	132	55.9	88	37.3
Mercer	2,394	392.6	1,542	252.8	451	74.0	351	57.6	278	45.6
Mifflin	909	386.8	515	219.1	182	77.4	120	51.1	89	37.9
Monroe	1,551	253.3	1,358	221.8	274	44.7	273	44.6	187	30.5
Montgomery	9,905	277.4	8,341	233.6	2,707	75.8	1,496	41.9	1,201	33.6
Montour	366	408.8	246	274.7	65	72.6	44	49.1	40	44.7
Northampton	4,041	313.2	3,040	235.6	707	54.8	537	41.6	379	29.4
Northumberland	2,171	457.6	1,370	288.8	428	90.2	263	55.4	199	41.9
Perry	648	294.4	419	190.4	115	52.3	84	38.2	86	39.1
Philadelphia	26,910	369.5	21,372	293.5	5,501	75.5	3,126	42.9	4,020	55.2
Pike	441	225.4	322	164.6	76	38.8	58	29.6	70	35.8
Potter	300	350.3	202	235.8	57	66.5	43	50.2	40	46.7
Schuylkill	3,785	501.6	2,291	303.6	607	80.4	424	56.2	356	47.2
Snyder	516	271.2	377	198.2	101	53.1	70	36.8	50	26.3
Somerset	1,597	398.1	950	236.8	289	72.0	180	44.9	205	51.1
Sullivan	147	480.8	120	392.5	33	107.9	27	88.3	14	45.8
Susquehanna	825	392.4	526	250.2	127	60.4	126	59.9	88	41.9
Tioga	736	354.0	464	223.2	177	85.1	105	50.5	80	38.5
Union	624	304.4	326	159.0	117	57.1	78	38.1	52	25.4
Venango	1,068	366.6	715	245.4	237	81.3	213	73.1	147	50.5
Warren	849	383.8	558	252.3	178	80.5	114	51.5	111	50.2
Washington	4,043	392.1	2,865	277.9	724	70.2	528	51.2	361	35.0
Wayne	981	435.1	649	287.8	182	80.7	113	50.1	88	39.0
Westmoreland	7,767	415.3	4,987	266.7	1,373	73.4	899	48.1	754	40.3
Wyoming	459	313.3	288	196.6	83	56.7	73	49.8	56	38.2
York	5,026	271.5	3,881	209.6	1,108	59.8	746	40.3	665	35.9

*Rate per 100,000 population for each county, 1995-1999.
Note: Data for 1999 based on ICD-10 and 1995-1998 based on ICD-9 cause of death codes.

Table C-34

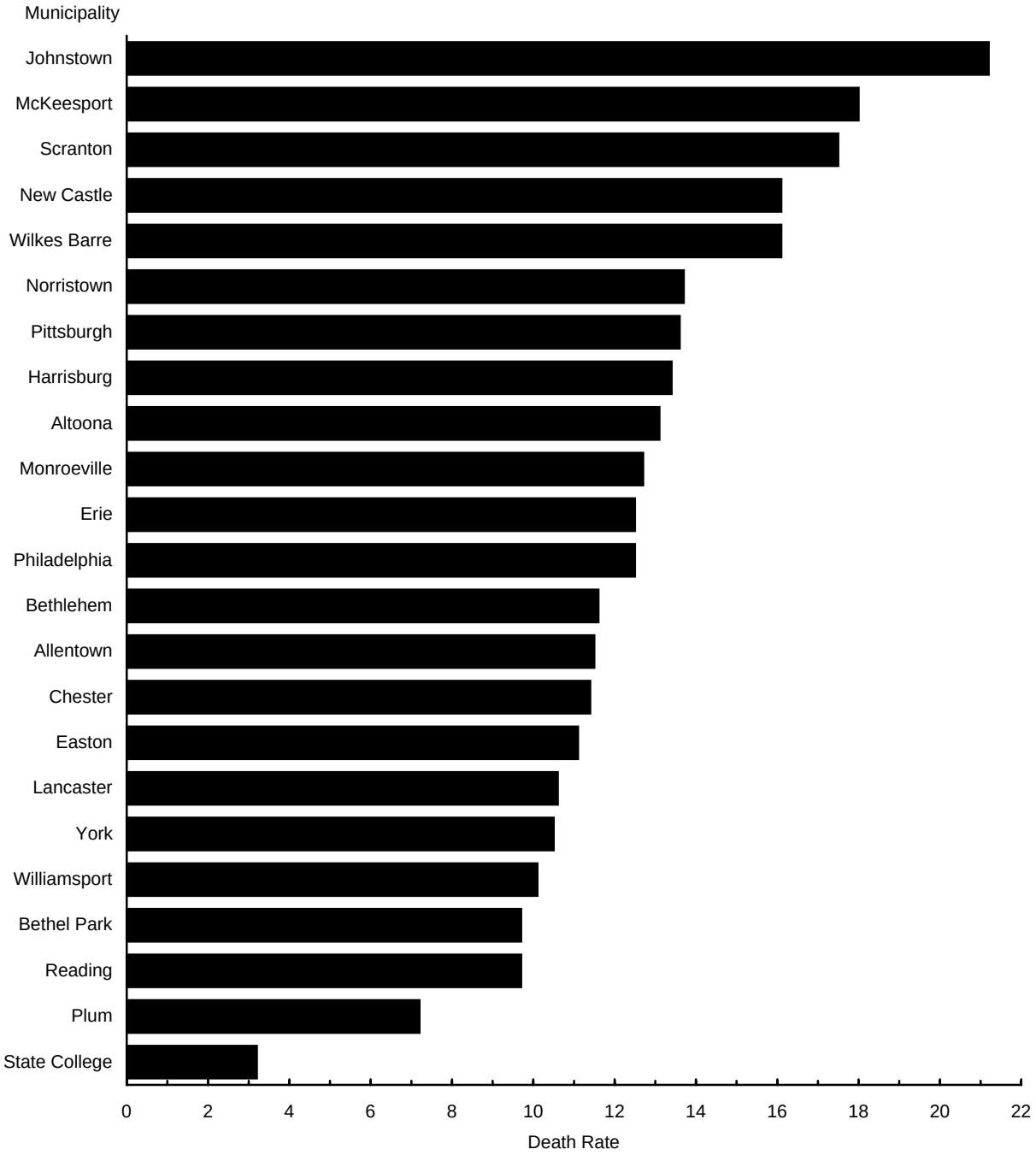
Resident Live Births, All Deaths, Infant, Neonatal, and Fetal Deaths for Selected Municipalities, Number and Rate*: Pennsylvania, 1999

	Live Births		All Deaths		Infant Deaths		Neonatal Deaths		Fetal Deaths	
Municipality	Number	Rate	Number	Rate	Number	Rate	Number	Rate	Number**	Rate
State Total	144,828	12.1	129,430	10.8	1,025	7.1	723	5.0	1,600	10.9
Allentown	1,648	16.4	1,150	11.5	18	10.9	12	7.3	24	14.4
Altoona	649	13.1	649	13.1	6	9.2	3	4.6	8	12.2
Bethel Park	341	10.5	316	9.7	2	5.9	2	5.9	2	5.8
Bethlehem	782	11.3	804	11.6	4	5.1	3	3.8	14	17.6
Chester	663	16.5	456	11.4	5	7.5	2	3.0	15	22.1
Easton	389	15.4	281	11.1	2	5.1	2	5.1	5	12.7
Erie	1,643	16.2	1,265	12.5	23	14.0	17	10.3	15	9.0
Harrisburg	875	18.0	653	13.4	6	6.9	4	4.6	21	23.4
Johnstown	301	12.0	531	21.2	4	13.3	3	10.0	7	22.7
Lancaster	1,011	19.2	558	10.6	6	5.9	3	3.0	15	14.6
McKeesport	347	15.3	408	18.0	2	5.8	1	2.9	4	11.4
Monroeville	312	11.3	352	12.7	0	-	0	-	3	9.5
New Castle	391	15.2	415	16.1	0	-	0	-	2	5.1
Norristown	461	15.7	400	13.7	6	13.0	3	6.5	6	12.8
Philadelphia	21,667	15.3	17,709	12.5	252	11.6	174	8.0	414	18.7
Pittsburgh	4,025	11.9	4,570	13.6	50	12.4	38	9.4	71	17.3
Plum	294	11.1	192	7.2	0	-	0	-	1	3.4
Reading	1,559	21.1	717	9.7	15	9.6	5	3.2	21	13.3
Scranton	832	11.3	1,289	17.5	5	6.0	5	6.0	7	8.3
State College	142	3.6	125	3.2	2	14.1	2	14.1	4	27.4
Wilkes Barre	449	10.6	683	16.1	5	11.1	2	4.5	6	13.2
Williamsport	424	14.2	302	10.1	6	14.2	4	9.4	6	14.0
York	779	19.6	415	10.5	7	9.0	4	5.1	9	11.4
All Other Areas	104,844	11.3	95,190	10.3	599	5.7	434	4.1	920	8.7

* Birth and death crude rates per 1,000 population, 1999. Infant and neonatal death rates per 1,000 live births. Fetal death rates per 1,000 deliveries (live births + fetal deaths).

**Fetal deaths exclude induced terminations.

Figure C-38
Resident Crude Death Rates for Selected Municipalities
Pennsylvania, 1999



Note: Rate per 1,000 population, 1999. See Table C-34 for corresponding data.

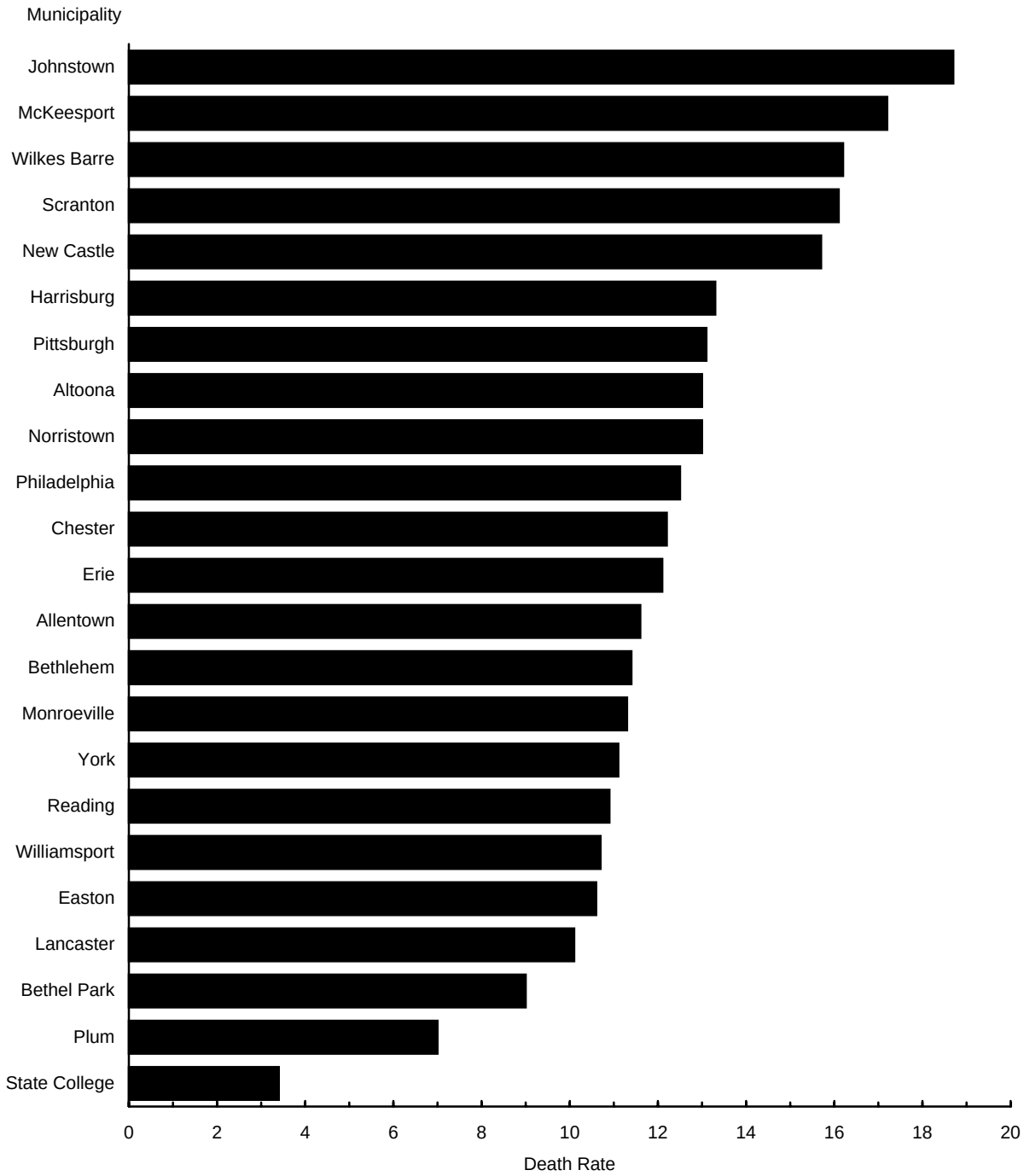
Table C-35
Resident Deaths, Infant, and Neonatal Deaths for Selected Municipalities
Number and Average Annual Rate*: Pennsylvania, 1995-1999

Municipality	All Deaths 1995 - 1999		Infant Deaths 1995 - 1999		Neonatal Deaths 1995 - 1999	
	Number	Rate	Number	Rate	Number	Rate
State Total	637,708	10.6	5,480	7.5	3,819	5.2
Allentown	5,886	11.6	86	10.3	58	7.0
Altoona	3,274	13.0	29	9.1	19	6.0
Bethel Park	1,498	9.0	8	4.6	5	2.9
Bethlehem	3,992	11.4	26	6.2	15	3.6
Chester	2,457	12.2	47	13.2	33	9.3
Easton	1,360	10.6	20	10.1	12	6.1
Erie	6,253	12.1	100	11.3	73	8.3
Harrisburg	3,312	13.3	55	10.8	29	5.7
Johnstown	2,416	18.7	25	13.9	17	9.4
Lancaster	2,701	10.1	38	6.9	25	4.5
McKeesport	2,015	17.2	15	7.8	10	5.2
Monroeville	1,598	11.3	9	5.9	7	4.6
New Castle	2,083	15.7	14	6.8	6	2.9
Norristown	1,931	13.0	35	13.0	23	8.6
Philadelphia	91,008	12.5	1,383	12.3	971	8.6
Pittsburgh	22,601	13.1	242	10.9	175	7.9
Plum	923	7.0	4	2.9	3	2.2
Reading	4,061	10.9	75	9.3	47	5.9
Scranton	6,104	16.1	21	4.8	14	3.2
State College	666	3.4	6	6.8	6	6.8
Wilkes Barre	3,531	16.2	37	15.7	19	8.1
Williamsport	1,640	10.7	31	13.5	21	9.2
York	2,245	11.1	44	11.6	29	7.6
All Other Areas	464,153	10.1	3,130	6.0	2,202	4.2

* Crude death rate per 1,000 population for each specified area, 1995-1999. Infant and neonatal death rates per 1,000 live births for each specified area, 1995-1999.

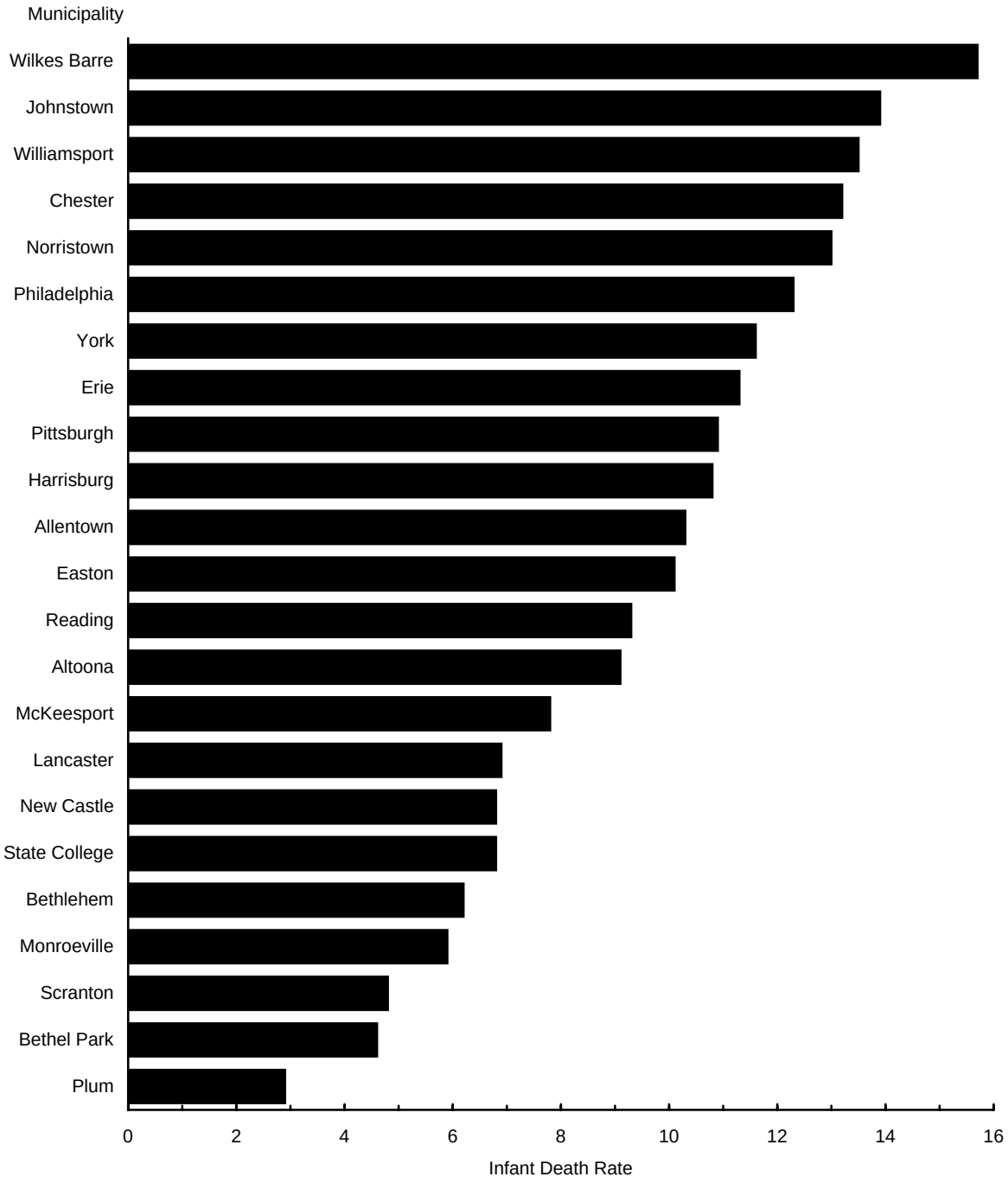
Note: See Technical Notes for criteria used in municipality selection.

Figure C-39
Resident Average Annual Crude Death Rates
for Selected Municipalities, Pennsylvania, 1995-1999



Note: Rate per 1,000 population, 1995-1999. See Table C-35 for corresponding data.

Figure C-40
Resident Average Annual Infant Death Rates
for Selected Municipalities, Pennsylvania, 1995-1999



Note: Rate per 1,000 live births, 1995-1999. See Table C-35 for corresponding data.

Table C-36
Resident Deaths by Age Group for Selected Municipalities
Pennsylvania, 1999

		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	129,430	1,203	150	142	533	734	1,636	3,768	6,807	11,351	24,675	41,402	37,029
Allentown	1,150	20	2	0	4	9	16	41	60	99	182	359	358
Altoona	649	6	2	0	1	5	8	18	33	60	113	231	172
Bethel Park	316	3	0	0	2	2	2	4	18	21	52	108	104
Bethlehem	804	4	0	1	2	4	12	24	32	63	162	290	210
Chester	456	6	0	0	4	5	14	20	43	54	100	112	98
Easton	281	2	0	0	1	3	3	10	13	44	48	90	67
Erie	1,265	27	1	4	6	8	19	37	83	94	236	401	349
Harrisburg	653	8	1	1	5	4	13	34	45	84	133	178	147
Johnstown	531	4	1	0	3	2	7	17	28	51	121	168	129
Lancaster	558	8	1	1	4	4	15	26	54	52	92	153	148
McKeesport	408	2	1	1	1	0	5	12	22	30	79	145	110
Monroeville	352	0	0	0	0	1	3	8	13	32	82	102	111
New Castle	415	0	0	0	1	1	4	11	13	33	62	161	129
Norristown	400	7	0	1	0	1	8	24	30	43	82	103	101
Philadelphia	17,709	286	28	25	88	184	409	848	1,350	1,941	3,350	5,004	4,196
Pittsburgh	4,570	56	3	6	18	29	64	164	270	391	876	1,438	1,255
Plum	192	1	0	0	0	0	2	9	6	22	31	64	57
Reading	717	18	0	1	6	12	18	30	44	72	157	198	161
Scranton	1,289	7	1	0	0	5	9	32	65	89	229	432	420
State College	125	2	0	0	1	0	4	1	0	2	23	40	52
Wilkes Barre	683	5	1	0	2	5	5	20	33	60	123	228	201
Williamsport	302	9	0	0	1	2	4	14	14	31	61	90	76
York	415	8	0	0	2	4	14	25	28	42	81	103	108
All Other Areas	95,190	714	108	101	381	444	978	2,339	4,510	7,941	18,200	31,204	28,270

*Unknown age included in the 85 & over age group.

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

Table C-37
Resident Deaths by Race and Hispanic Origin
for Selected Municipalities, Pennsylvania, 1999

Municipality	Race			Hispanic Origin
	All Races	White*	Black	
State Total	129,430	116,849	12,083	1,214
Allentown	1,150	1,093	51	52
Altoona	649	640	9	1
Bethel Park	316	311	5	1
Bethlehem	804	784	14	57
Chester	456	164	291	5
Easton	281	260	20	6
Erie	1,265	1,161	99	15
Harrisburg	653	351	297	17
Johnstown	531	499	29	2
Lancaster	558	504	53	54
McKeesport	408	353	55	2
Monroeville	352	322	28	0
New Castle	415	391	23	0
Norristown	400	295	104	8
Philadelphia	17,709	10,253	7,282	504
Pittsburgh	4,570	3,390	1,169	8
Plum	192	190	2	1
Reading	717	650	61	92
Scranton	1,289	1,282	6	3
State College	125	122	1	0
Wilkes Barre	683	670	11	5
Williamsport	302	277	24	0
York	415	339	75	20
All Other Areas	95,190	92,548	2,374	361

*Unknown race included in the white category.

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

Table C-38
Resident Infant Deaths by Race and Hispanic Origin for Selected Municipalities, Pennsylvania, 1999

Municipality	Race			Hispanic Origin
	All Races	White*	Black	
State Total	1,025	677	335	60
Allentown	18	14	4	5
Altoona	6	6	0	0
Bethel Park	2	2	0	0
Bethlehem	4	4	0	3
Chester	5	0	5	0
Easton	2	1	1	0
Erie	23	13	10	2
Harrisburg	6	3	3	0
Johnstown	4	4	0	0
Lancaster	6	4	2	1
McKeesport	2	2	0	1
Monroeville	0	0	0	0
New Castle	0	0	0	0
Norristown	6	2	4	1
Philadelphia	252	61	187	18
Pittsburgh	50	19	30	0
Plum	0	0	0	0
Reading	15	11	4	11
Scranton	5	5	0	1
State College	2	1	0	0
Wilkes Barre	5	3	2	0
Williamsport	6	4	2	0
York	7	4	3	2
All Other Areas	599	514	78	15

*Unknown race included in the white category.

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

Table C-39
Selected Causes of Death for Selected Municipalities
Pennsylvania Residents, 1999

		Diseases of Heart				Malignant Neoplasms		
Municipality	All Causes	Total Diseases of Heart	Ischemic Excl. Acute Myocardial Infarction	Acute Myocardial Infarction	Other Heart Disease	Total Malignant Neoplasms	Trachea, Bronchus, Lung, and Pleura	Colon
State Total	129,430	41,420	17,789	11,729	11,902	30,136	7,888	3,011
Allentown	1,150	364	151	104	109	255	66	29
Altoona	649	217	76	77	64	154	39	18
Bethel Park	316	80	36	27	17	78	21	6
Bethlehem	804	233	105	60	68	194	40	25
Chester	456	120	47	34	39	101	28	9
Easton	281	117	63	23	31	72	23	8
Erie	1,265	368	127	126	115	268	87	21
Harrisburg	653	201	76	49	76	150	32	21
Johnstown	531	159	70	43	46	130	31	9
Lancaster	558	182	92	31	59	114	37	11
McKeesport	408	154	56	66	32	79	20	8
Monroeville	352	118	64	18	36	81	18	10
New Castle	415	141	62	45	34	93	22	7
Norristown	400	116	51	31	34	83	24	10
Philadelphia	17,709	5,023	2,210	1,355	1,458	4,138	1,152	407
Pittsburgh	4,570	1,425	687	350	388	1,087	324	101
Plum	192	58	27	10	21	55	13	4
Reading	717	232	64	68	100	155	43	14
Scranton	1,289	488	203	137	148	266	71	26
State College	125	40	12	12	16	27	8	3
Wilkes Barre	683	235	98	67	70	165	57	10
Williamsport	302	80	24	24	32	77	19	12
York	415	144	38	52	54	97	33	9
All Other Areas	95,190	31,125	13,350	8,920	8,855	22,217	5,680	2,233

Table C-39 (Continued)
Selected Causes of Death for Selected Municipalities
Pennsylvania Residents, 1999

	Malignant Neoplasms					
Municipality	Female Breast	Prostate	Pancreas	Non-Hodgkin's Lymphomas	Leukemias	All Other Sites
State Total	2,371	1,713	1,565	1,326	1,150	11,112
Allentown	18	9	20	11	7	95
Altoona	16	7	3	9	2	60
Bethel Park	7	3	3	5	3	30
Bethlehem	10	12	12	10	7	78
Chester	4	11	6	2	3	38
Easton	3	1	4	4	2	27
Erie	17	13	16	8	11	95
Harrisburg	12	8	6	4	2	65
Johnstown	10	10	10	2	10	48
Lancaster	10	10	7	2	3	34
McKeesport	4	4	2	4	3	34
Monroeville	9	4	5	4	4	27
New Castle	11	2	7	6	4	34
Norristown	2	7	1	6	3	30
Philadelphia	342	218	218	130	119	1,552
Pittsburgh	90	64	64	45	36	363
Plum	4	3	3	3	2	23
Reading	12	11	4	10	6	55
Scranton	23	9	18	19	10	90
State College	2	0	2	1	0	11
Wilkes Barre	13	11	6	4	5	59
Williamsport	4	4	5	1	2	30
York	4	9	3	5	4	30
All Other Areas	1,744	1,283	1,140	1,031	902	8,204

Table C-39 (Continued) Revised

Selected Causes of Death for Selected Municipalities
Pennsylvania Residents, 1999

Municipality	Cerebrovascu-lar Disease	Chronic Lower Respiratory Dis.	Accidents			Diabetes Mellitus	Influenza & Pneumonia
			Non-Transport	Motor Vehicle	Other Transport		
State Total	8,547	6,114	2,829	1,521	155	3,725	3,093
Allentown	77	46	20	12	0	41	30
Altoona	36	29	16	8	1	11	20
Bethel Park	24	17	5	1	1	11	14
Bethlehem	41	28	15	10	0	32	23
Chester	32	19	9	2	0	12	3
Easton	11	9	3	4	0	12	4
Erie	105	68	35	12	1	35	35
Harrisburg	25	36	20	7	1	13	17
Johnstown	29	28	15	5	1	14	15
Lancaster	35	34	21	8	3	25	16
McKeesport	11	22	11	3	1	21	6
Monroeville	19	15	5	2	1	14	11
New Castle	20	19	7	5	1	21	5
Norristown	19	14	16	4	0	17	7
Philadelphia	1,142	666	570	139	23	425	363
Pittsburgh	269	201	120	20	2	115	114
Plum	16	10	3	1	0	7	4
Reading	33	50	12	8	0	21	19
Scranton	75	74	30	4	1	37	27
State College	10	5	1	2	0	2	9
Wilkes Barre	38	32	13	5	2	26	13
Williamsport	29	18	5	2	0	10	5
York	26	18	13	5	0	9	7
All Other Areas	6,425	4,656	1,864	1,252	116	2,794	2,326

Table C-39 (Continued)
Selected Causes of Death for Selected Municipalities
Pennsylvania Residents, 1999

Municipality	Nephritis, Nephrotic Syn. & Nephrosis	Septicemia	Alzheimer's Disease	Intentional Self-harm (Suicide)	Chronic Liver Disease & Cirrhosis	In Situ, Benign, & Uncertain Neoplasms	Parkinson's Disease
State Total	2,672	2,538	2,184	1,272	1,018	769	749
Allentown	16	29	20	12	7	8	4
Altoona	14	27	8	6	5	1	2
Bethel Park	5	3	7	6	2	3	1
Bethlehem	23	20	16	6	7	7	2
Chester	13	19	2	3	2	1	1
Easton	4	6	3	3	2	2	1
Erie	20	21	23	25	11	5	4
Harrisburg	16	14	6	6	5	5	3
Johnstown	20	6	3	8	7	3	1
Lancaster	8	10	9	11	3	2	1
McKeesport	15	4	3	2	4	1	3
Monroeville	5	9	4	5	1	2	6
New Castle	16	5	10	3	3	3	1
Norristown	8	5	9	2	4	1	3
Philadelphia	426	603	188	153	174	83	52
Pittsburgh	114	105	54	44	48	24	19
Plum	3	4	3	3	0	3	5
Reading	6	7	3	12	8	4	4
Scranton	22	20	38	13	7	6	2
State College	5	2	2	1	0	0	2
Wilkes Barre	8	4	8	5	6	2	1
Williamsport	9	4	3	1	3	2	0
York	5	5	7	4	7	2	0
All Other Areas	1,891	1,606	1,755	938	702	599	631

Table C-39 (Continued)
Selected Causes of Death for Selected Municipalities
Pennsylvania Residents, 1999

Municipality	Essential Hypertension & Hypertensive Renal Disease	Athero-sclerosis	Assault (Homicide)	Perinatal Condition	HIV Disease	All Other Causes
State Total	743	637	634	570	493	17,611
Allentown	7	1	8	7	11	175
Altoona	2	1	1	2	0	88
Bethel Park	4	1	1	2	0	50
Bethlehem	3	7	5	2	5	125
Chester	5	1	10	2	21	78
Easton	0	0	2	2	1	23
Erie	8	2	8	14	5	192
Harrisburg	6	5	6	4	9	98
Johnstown	7	3	3	2	1	71
Lancaster	0	1	6	3	6	60
McKeesport	3	5	3	2	0	55
Monroeville	2	0	0	0	1	51
New Castle	4	1	3	0	0	54
Norristown	5	0	2	3	3	79
Philadelphia	135	37	310	150	277	2,632
Pittsburgh	25	24	52	31	17	660
Plum	0	0	1	0	0	16
Reading	3	2	9	4	12	113
Scranton	11	8	6	4	2	148
State College	1	0	1	2	0	13
Wilkes Barre	5	18	1	2	0	94
Williamsport	0	1	1	5	2	45
York	0	1	5	3	8	49
All Other Areas	507	518	190	324	112	12,642

Table C-40
Selected Causes of Death for Selected Municipalities
Number and Average Annual Rate*: Pennsylvania Residents, 1995-1999

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	210,808	350.5	150,215	249.8	41,868	69.6	27,615	45.9	22,255	37.0
Allentown	1,967	387.4	1,352	266.3	376	74.1	245	48.3	181	35.6
Altoona	1,120	446.4	789	314.5	179	71.3	149	59.4	117	46.6
Bethel Park	462	277.1	407	244.1	106	63.6	62	37.2	36	21.6
Bethlehem	1,298	369.9	991	282.4	238	67.8	168	47.9	129	36.8
Chester	607	300.3	546	270.1	162	80.1	94	46.5	68	33.6
Easton	512	399.4	322	251.2	65	50.7	54	42.1	40	31.2
Erie	2,027	390.8	1,366	263.3	537	103.5	291	56.1	200	38.6
Harrisburg	1,036	416.9	723	291.0	160	64.4	131	52.7	120	48.3
Johnstown	838	649.3	578	447.9	137	106.2	110	85.2	94	72.8
Lancaster	877	328.6	621	232.7	176	65.9	131	49.1	141	52.8
McKeesport	755	645.5	414	353.9	114	97.5	73	62.4	53	45.3
Monroeville	542	384.1	374	265.1	100	70.9	67	47.5	38	26.9
New Castle	797	601.2	476	359.1	100	75.4	77	58.1	65	49.0
Norristown	518	349.7	456	307.9	111	74.9	85	57.4	100	67.5
Philadelphia	26,910	369.5	21,372	293.5	5,501	75.5	3,126	42.9	4,020	55.2
Pittsburgh	7,509	435.0	5,340	309.3	1,343	77.8	937	54.3	653	37.8
Plum	267	201.7	245	185.1	64	48.4	48	36.3	28	21.2
Reading	1,281	342.9	890	238.2	233	62.4	196	52.5	155	41.5
Scranton	2,383	628.4	1,303	343.6	385	101.5	301	79.4	137	36.1
State College	200	101.0	146	73.7	46	23.2	28	14.1	23	11.6
Wilkes Barre	1,378	631.5	758	347.4	206	94.4	129	59.1	76	34.8
Williamsport	537	351.5	377	246.8	113	74.0	91	59.6	54	35.3
York	691	342.2	504	249.6	148	73.3	110	54.5	110	54.5
All Other Areas	156,296	338.5	109,865	238.0	31,268	67.7	20,912	45.3	15,617	33.8

*Rate per 100,000 population for each specified area, 1995-1999.

Note: Data for 1999 based on ICD-10 and 1995-1998 based on ICD-9 cause of death codes.

LIST OF DATA TABLES AND ILLUSTRATIONS

INDUCED ABORTION DATA TABLES **PAGE**

Table D-1 Induced Abortions, Number and Rate, Pennsylvania Residents, and Number of Pennsylvania Occurrences, 1975-1999 193

Table D-2 Induced Abortions by Age of Woman, Number and Rate, Pennsylvania Residents, 1999, and Number, Pennsylvania Occurrences, 1999, 1995, 1990, 1985, 1980, and 1975 193

Table D-3 Induced Abortions by Weeks of Gestation, Number and Percent: Pennsylvania Residents, 1999 194

Table D-4 Induced Abortions by Primary Type of Procedure, Number and Percent: Pennsylvania Residents, 1999 194

Table D-5 Induced Abortions by Race and Hispanic Origin of Woman and Marital Status, Number and Percent: Pennsylvania Residents, 1999 194

Table D-6 Induced Abortions by Age of Woman and County, Number and Rate: Pennsylvania Residents, 1999 196

Table D-7 Induced Abortions by County of Procedure, Pennsylvania Occurrences, 1999 198

INDUCED ABORTION DATA ILLUSTRATIONS **PAGE**

Figure D-1 Induced Abortions, Percent by Age Group, Pennsylvania Residents, 1999 195

Figure D-2 Induced Abortions, Percent by Weeks of Gestation, Pennsylvania Residents, 1999 195

Table D-1

Induced Abortions, Number and Rate, Pennsylvania Residents, and Number of Pennsylvania Occurrences, 1975-1999

Year	Residents Number	Residents Rate*	Number of Occurrences
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
1979	59,108	22.5	64,147
1978	54,594	21.0	60,639
1977	51,421	20.0	57,880
1976	47,131	18.4	53,425
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, 1999 and Number, Pennsylvania Occurrences, 1999, 1995, 1990, 1985, 1980, and 1975

Age of Woman (In Years)	1999 Residents Number	1999 Residents Rate*	Occurrences 1999	1995	1990	1985	1980	1975
All Ages	32,863	13.1	34,494	39,050	52,143	53,465	65,777	43,319
Under 15	286	0.7	294	375	484	564	662	851
15 - 19	6,101	14.6	6,421	7,297	12,052	13,955	19,540	14,156
20 - 24	10,542	26.6	11,035	12,797	17,556	18,605	24,476	14,192
25 - 29	7,466	20.0	7,788	8,778	10,824	11,203	12,036	7,232
30 - 34	4,683	11.3	4,896	5,500	6,822	5,802	5,679	3,683
35 - 39	2,838	6.3	3,039	3,355	3,503	2,677	2,456	2,086
40 - 44	891	2.0	960	900	859	603	751	838
45 & Over	56	0.1	61	48	43	35	77	97
Unknown	0	-	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, 1999

Weeks of Gestation	Number	Percent
Total	32,863	100.0
8 Weeks or Less	17,405	53.0
9 - 10	7,740	23.5
11 - 12	3,674	11.2
13 - 14	1,825	5.6
15 - 17	1,099	3.3
18 - 20	773	2.3
21 - 23	346	1.1
24 Weeks or More	0	-
Unknown	1	0.0

Table D-4
Induced Abortions by Primary Type of Procedure,
Number and Percent: Pennsylvania Residents, 1999

Primary Type of Procedure	Number	Percent
Total	32,863	100.0
Suction Curettage	28,765	87.5
Dilation & Evacuation	3,151	9.6
Medication	787	2.4
Other	160	0.5

Table D-5
Induced Abortions by Race and Hispanic Origin of Woman and Marital Status,
Number and Percent*: Pennsylvania Residents, 1999

Race and Hispanic Origin of Woman	Total Induced Abortions	Marital Status					
		Married		Unmarried		Unknown	
		Number	Percent	Number	Percent	Number	Percent
All Races	32,863	5,257	16.0	27,594	84.0	12	0.0
White**	17,402	3,534	20.3	13,862	79.7	6	0.0
Black	14,368	1,156	8.1	13,209	91.9	3	0.0
Hispanic Origin	1,365	202	14.8	1,163	85.2	0	-

* Percent of total induced abortions for each specified group.
**Unknown race of woman included in the white category.

Note: Hispanic origin can be of any race.

Figure D-1
Induced Abortions, Percent by Age Group
Pennsylvania Residents, 1999

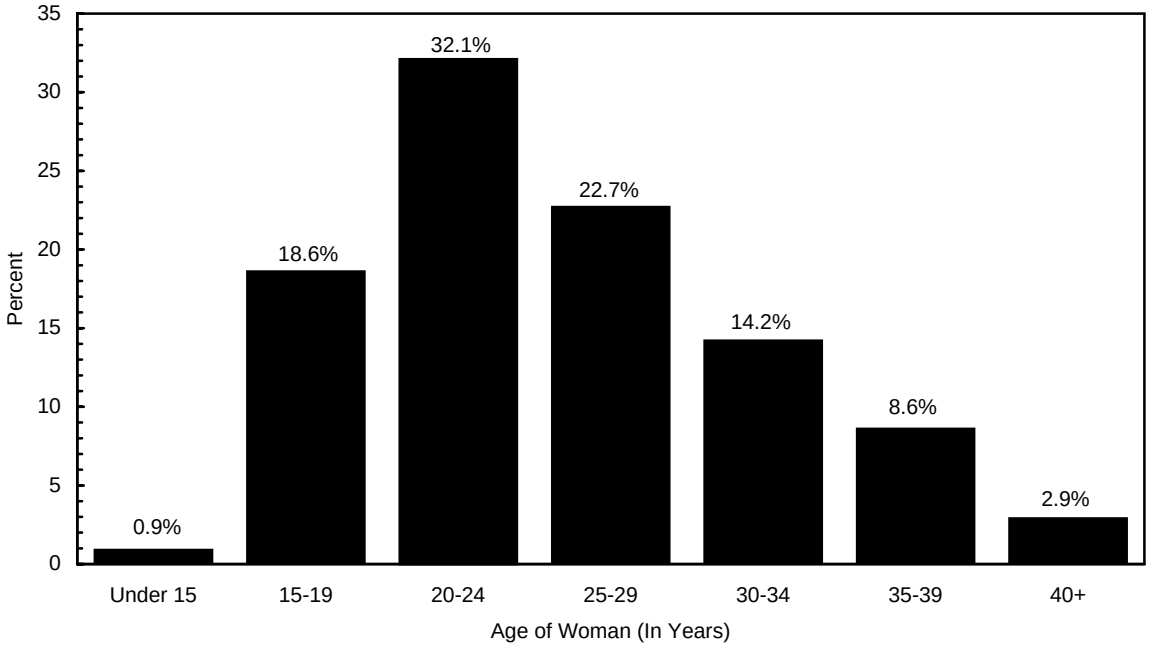


Figure D-2
Induced Abortions, Percent by Weeks of Gestation
Pennsylvania Residents, 1999

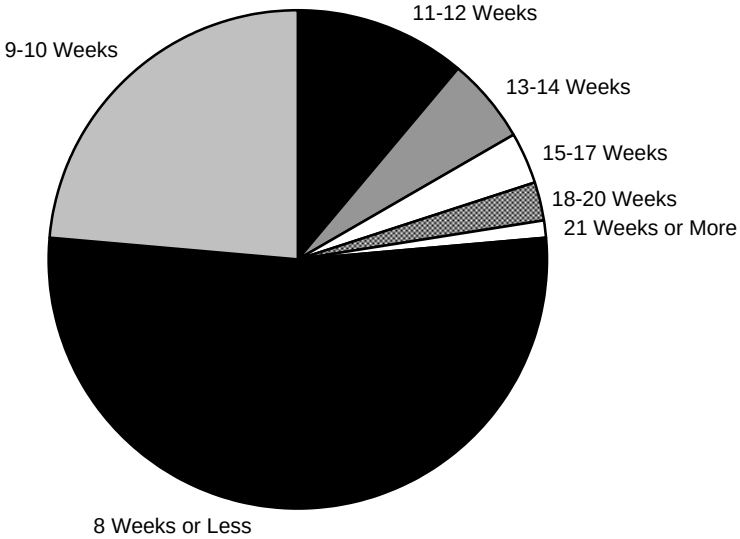


Table D-6
Induced Abortions by Age of Woman and County
Number and Rate*: Pennsylvania Residents, 1999

			Age of Woman (In Years)							
County	All Ages	Rate	Under 15	15-19	20-24	25-29	30-34	35-39	40-44	45 & Over
All Counties	32,863 **	13.1	286	6,101	10,542	7,466	4,683	2,838	891	56
Adams	50	2.6	0	8	18	14	6	2	1	1
Allegheny	3,987	15.5	32	709	1,259	917	575	365	120	10
Armstrong	69	4.7	1	15	19	13	12	7	2	0
Beaver	283	7.9	2	61	91	62	35	25	7	0
Bedford	31	3.3	0	10	10	6	3	2	0	0
Berks	681	9.1	7	128	216	141	104	57	27	1
Blair	151	5.6	2	30	60	30	19	9	1	0
Bradford	1	0.1	0	1	0	0	0	0	0	0
Bucks	1,138	9.2	4	221	276	243	198	136	58	2
Butler	143	3.7	1	30	38	24	23	18	8	1
Cambria	187	6.3	1	46	63	28	23	19	6	1
Cameron	7	7.2	0	2	1	1	0	1	2	0
Carbon	95	8.5	2	21	31	17	13	8	3	0
Centre	281	8.1	1	39	148	51	20	18	4	0
Chester	872	9.2	4	193	274	165	121	82	30	3
Clarion	48	4.7	0	10	22	6	4	5	1	0
Clearfield	79	4.9	1	18	24	18	9	8	1	0
Clinton	58	7.2	0	10	26	11	6	5	0	0
Columbia	77	4.9	0	16	29	15	12	3	1	1
Crawford	84	4.4	0	21	23	19	9	10	2	0
Cumberland	312	6.8	4	56	93	76	47	27	8	1
Dauphin	771	14.8	4	125	280	192	91	61	18	0
Delaware	1,618	14.1	16	286	454	360	289	150	60	3
Elk	21	3.2	0	3	8	6	3	1	0	0
Erie	156	2.6	0	28	63	36	22	5	2	0
Fayette	221	7.7	1	60	59	45	33	19	4	0
Forest	3	3.7	0	0	0	0	1	2	0	0
Franklin	34	1.3	1	4	13	10	2	1	3	0
Fulton	2	0.7	0	0	1	0	1	0	0	0
Greene	49	5.6	1	7	15	11	9	5	1	0
Huntingdon	43	5.0	1	10	9	11	5	5	2	0
Indiana	141	6.6	0	34	53	32	12	9	1	0
Jefferson	52	5.6	0	13	15	9	6	6	3	0

(Continued)

Table D-6
Induced Abortions by Age of Woman and County
Number and Rate*: Pennsylvania Residents, 1999

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	16	3.5	0	4	5	3	3	1	0	0
Lackawanna	108	2.6	1	23	39	18	12	12	3	0
Lancaster	566	5.8	3	96	200	115	78	60	12	2
Lawrence	84	4.5	2	19	32	15	8	7	1	0
Lebanon	129	5.5	3	23	41	25	18	15	4	0
Lehigh	749	12.1	6	135	253	174	85	77	18	1
Luzerne	299	5.0	0	61	93	70	31	36	7	1
Lycoming	151	6.1	0	24	50	29	29	16	3	0
McKean	13	1.5	0	2	5	0	2	3	1	0
Mercer	89	3.8	2	22	22	21	11	9	2	0
Mifflin	51	5.5	0	8	19	10	6	6	2	0
Monroe	299	10.5	2	73	94	43	42	36	8	1
Montgomery	1,668	11.7	5	296	443	332	283	232	70	7
Montour	20	5.5	0	3	5	3	5	2	2	0
Northampton	487	8.8	4	103	152	104	68	42	13	1
Northumberland	100	5.7	0	15	29	23	18	10	5	0
Perry	56	5.9	0	11	13	16	7	4	4	1
Philadelphia	14,153	44.4	154	2,580	4,702	3,456	1,970	990	286	15
Pike	10	1.2	1	2	3	1	1	1	1	0
Potter	4	1.2	0	0	0	2	1	0	1	0
Schuylkill	218	8.2	4	38	77	47	31	17	4	0
Snyder	31	3.6	1	5	11	6	1	6	1	0
Somerset	69	4.4	0	15	24	7	9	9	5	0
Sullivan	2	1.8	0	0	1	0	0	1	0	0
Susquehanna	9	1.1	0	0	2	4	2	0	1	0
Tioga	7	0.8	0	0	5	1	0	1	0	0
Union	27	3.3	0	8	11	4	3	1	0	0
Venango	64	5.6	0	12	17	12	14	6	3	0
Warren	20	2.4	0	5	7	3	1	2	2	0
Washington	380	9.2	2	62	122	86	56	37	14	1
Wayne	14	1.8	1	2	2	4	3	2	0	0
Westmoreland	570	7.8	2	109	168	113	85	69	23	1
Wyoming	8	1.3	0	4	1	3	0	0	0	0
York	646	8.1	7	126	203	147	86	57	19	1

* Rate per 1,000 female population age 15-44 years.
**Total includes unknown county of residence.

Table D-7
Induced Abortions by County of Procedure
Pennsylvania Occurrences, 1999

County	Number	County	Number
All Counties	34,494		
Adams	0	Juniata	0
Allegheny	7,276	Lackawanna	0
Armstrong	0	Lancaster	0
Beaver	2	Lawrence	0
Bedford	0	Lebanon	0
Berks	428	Lehigh	3,093
Blair	0	Luzerne	0
Bradford	0	Lycoming	0
Bucks	60	McKean	0
Butler	0	Mercer	0
Cambria	0	Mifflin	0
Cameron	0	Monroe	152
Carbon	0	Montgomery	1,023
Centre	710	Montour	7
Chester	821	Northampton	9
Clarion	0	Northumberland	0
Clearfield	0	Perry	0
Clinton	0	Philadelphia	16,729
Columbia	0	Pike	0
Crawford	0	Potter	0
Cumberland	0	Schuylkill	0
Dauphin	2,203	Snyder	0
Delaware	1,242	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	738

LIST OF DATA TABLES AND ILLUSTRATIONS

REPORTED PREGNANCY DATA TABLES **PAGE**

Table E-1 Reported Pregnancies, Number and Rate: Pennsylvania Residents, 1980-1999 203

Table E-2 Reported Pregnancies by Age of Woman, Number and Rate: Pennsylvania Residents, 1999, 1995, 1990, 1985, and 1980 203

Table E-3 Reported Pregnancies by Age, Race and Hispanic Origin of Woman, Number and Rate: Pennsylvania Residents, 1999 204

Table E-4 Reported Pregnancies by Race and Hispanic Origin of Woman and Outcome, Number and Percent: Pennsylvania Residents, 1999 204

Table E-5 Reported Pregnancies by Outcome, Woman's Age Group and County of Residence, Pennsylvania, 1999 206

Table E-6 Reported Pregnancies by Outcome, Woman's Age Group and County of Residence, Pennsylvania, Five-Year Summary, 1995-1999 210

Table E-7 Reported Pregnancy Rates by Woman's Age Group and County of Residence, Pennsylvania, 1999 214

Table E-8 Average Annual Reported Pregnancy Rates by Woman's Age Group and County of Residence, Pennsylvania, 1995-1999 215

Table E-9 Reported Pregnancies by Outcome and County of Residence, Number and Percent, Pennsylvania, 1999 216

REPORTED PREGNANCY DATA ILLUSTRATIONS **PAGE**

Figure E-1 Reported Pregnancies, Percent by Woman's Age Group, Pennsylvania, 1999 205

Figure E-2 Reported Pregnancies, Percent by Race and Hispanic Origin of Woman and Outcome, Pennsylvania, 1999 205

Table E-1
Reported Pregnancies, Number and Rate*:
Pennsylvania Residents, 1980-1999

Year	Number	Rate
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, 1999, 1995, 1990, 1985, and 1980

Age of Woman	1999		1995		1990		1985		1980	
(In Years)	Number	Rate	Number	Rate	Number	Rate	Number	Rate	Number	Rate
All Ages	179,291	71.5	189,713	72.8	222,084	82.6	212,828	78.2	222,220	84.2
Under 15	567	1.5	741	1.9	900	2.4	910	2.3	953	2.1
15 - 17	7,071	30.0	8,708	36.9	10,557	47.8	12,271	46.2	15,123	48.5
18 - 19	13,776	75.3	14,335	83.0	19,056	105.0	19,413	99.1	25,113	112.4
20 - 29**	89,853	116.7	96,857	119.2	123,875	138.0	129,026	127.0	139,946	138.1
30 & Over	68,024	38.9	69,072	38.6	67,696	39.2	51,208	33.1	41,085	29.3

* 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.

Table E-3

Reported Pregnancies by Age, Race and Hispanic Origin of Woman
Number and Rate*: Pennsylvania Residents, 1999

Age of Woman (In Years)	Race: All Races Number	All Races Rate	White** Number	White** Rate	Black Number	Black Rate	Hispanic Origin Number	Hispanic Origin Rate
All Ages	179,291	71.5	139,208	63.4	34,935	130.0	8,604	112.9
Under 15	567	1.5	218	0.7	347	7.1	53	3.3
15 - 17	7,071	30.0	4,237	20.7	2,753	101.6	731	83.4
18 - 19	13,776	75.3	9,211	57.9	4,347	213.1	1,180	203.9
20 - 24	41,678	105.3	29,682	86.8	11,201	244.9	2,954	216.0
25 - 29***	48,175	128.8	38,337	118.2	8,174	191.2	1,958	152.1
30 - 34	42,561	102.5	36,080	99.0	4,960	112.6	1,105	87.2
35 - 39	20,979	46.9	17,701	44.7	2,582	57.2	515	42.7
40 - 44	4,291	9.4	3,582	8.8	547	12.5	106	10.2
45 & Over	193	0.4	160	0.4	24	0.6	2	0.2

* Rate per 1,000 female population for each specified group, 1999. All ages includes females age 15-44 years; under 15 includes females 10-14 years; and 45 & over includes females age 45-49 years.
** Unknown race of woman included in the white category.
*** Unknown age of woman included in the age group 25-29 years.

Note: Hispanic origin can be of any race.

Table E-4

Reported Pregnancies by Race and Hispanic Origin of Woman and Outcome
Number and Percent*: Pennsylvania Residents, 1999

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	179,291	144,828	80.8	1,600	0.9	32,863	18.3
White**	139,208	120,726	86.7	1,080	0.8	17,402	12.5
Black	34,935	20,081	57.5	486	1.4	14,368	41.1
Hispanic Origin	8,604	7,139	83.0	100	1.2	1,365	15.9

* Percent of total reported pregnancies for each specified group.
** Unknown race of woman included in the white category.

Note: Hispanic origin can be of any race.

Figure E-1
Reported Pregnancies, Percent by Woman's Age Group
Pennsylvania, 1999

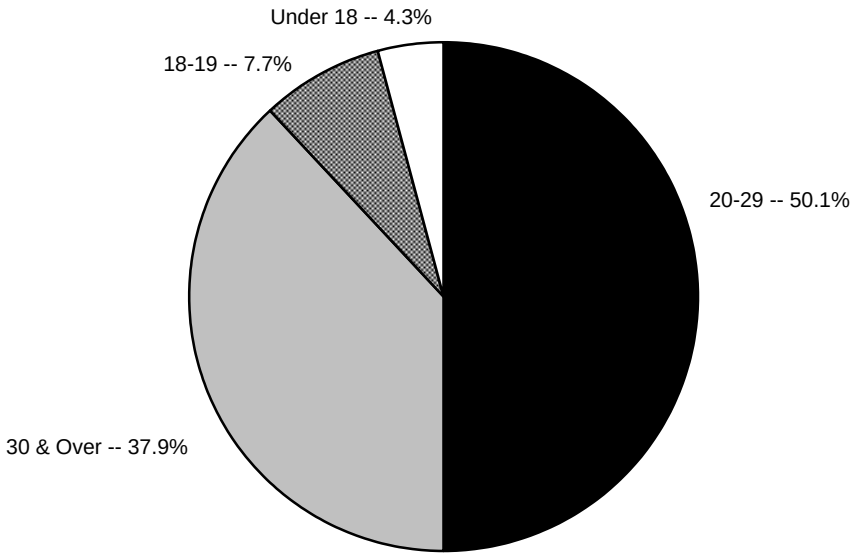
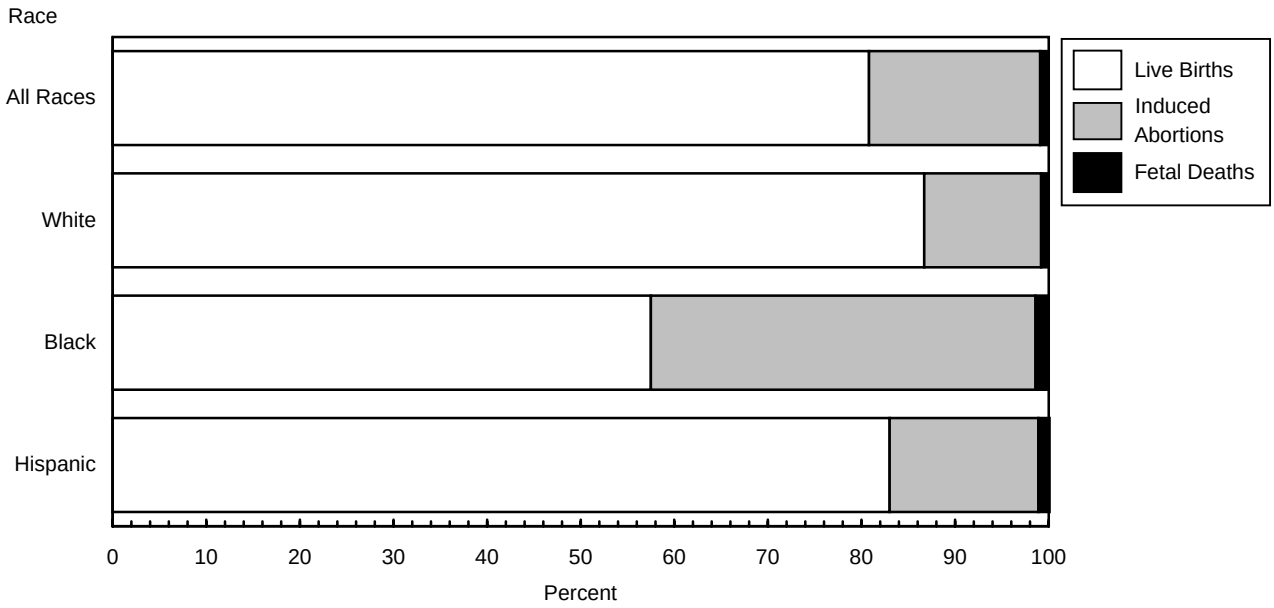


Figure E-2
Reported Pregnancies by Race and Hispanic Origin of Woman and Outcome, Pennsylvania, 1999



Note: Hispanic origin can be of any race.

Table E-5

Reported Pregnancies by Outcome, Woman's Age Group and County of Residence, Pennsylvania, 1999

County/ Age of Woman*	Reported Pregnancies	Live Births	Fetal Deaths	Induced Abortions
State Total**				
All Ages	179,291	144,828	1,600	32,863
Under 15	567	275	6	286
15-17	7,071	5,003	63	2,005
18-19	13,776	9,555	125	4,096
20-29	89,853	71,145	700	18,008
30 & Over	68,024	58,850	706	8,468
Adams				
All Ages	1,057	999	8	50
Under 15	0	0	0	0
15-17	36	34	0	2
18-19	89	82	1	6
20-29	581	546	3	32
30 & Over	351	337	4	10
Allegheny				
All Ages	18,589	14,442	160	3,987
Under 15	57	24	1	32
15-17	714	444	12	258
18-19	1,232	769	12	451
20-29	8,491	6,258	57	2,176
30 & Over	8,095	6,947	78	1,070
Armstrong				
All Ages	866	792	5	69
Under 15	3	2	0	1
15-17	28	22	0	6
18-19	63	53	1	9
20-29	485	451	2	32
30 & Over	287	264	2	21
Beaver				
All Ages	2,063	1,763	17	283
Under 15	5	3	0	2
15-17	69	50	0	19
18-19	149	107	0	42
20-29	1,068	905	10	153
30 & Over	772	698	7	67
Bedford				
All Ages	613	577	5	31
Under 15	0	0	0	0
15-17	15	13	0	2
18-19	56	48	0	8
20-29	386	367	3	16
30 & Over	156	149	2	5
Berks				
All Ages	5,239	4,509	49	681
Under 15	14	7	0	7
15-17	251	205	1	45
18-19	454	368	3	83
20-29	2,678	2,295	26	357
30 & Over	1,842	1,634	19	189
Blair				
All Ages	1,673	1,503	19	151
Under 15	4	2	0	2
15-17	57	49	0	8
18-19	143	121	0	22
20-29	992	893	9	90
30 & Over	477	438	10	29
Bradford				
All Ages	767	761	5	1
Under 15	5	5	0	0
15-17	37	37	0	0
18-19	68	67	0	1
20-29	422	421	1	0
30 & Over	235	231	4	0
Bucks				
All Ages	8,495	7,313	44	1,138
Under 15	9	5	0	4
15-17	178	114	0	64
18-19	416	255	4	157
20-29	3,324	2,793	12	519
30 & Over	4,568	4,146	28	394
Butler				
All Ages	2,312	2,150	19	143
Under 15	2	1	0	1
15-17	54	43	0	11
18-19	100	81	0	19
20-29	1,012	943	7	62
30 & Over	1,144	1,082	12	50
Cambria				
All Ages	1,729	1,524	18	187
Under 15	4	3	0	1
15-17	62	45	1	16
18-19	127	97	0	30
20-29	996	899	6	91
30 & Over	540	480	11	49
Cameron				
All Ages	65	58	0	7
Under 15	0	0	0	0
15-17	4	2	0	2
18-19	6	6	0	0
20-29	40	38	0	2
30 & Over	15	12	0	3
Carbon				
All Ages	690	589	6	95
Under 15	2	0	0	2
15-17	33	24	0	9
18-19	54	41	1	12
20-29	378	325	5	48
30 & Over	223	199	0	24
Centre				
All Ages	1,534	1,237	16	281
Under 15	2	1	0	1
15-17	29	26	0	3
18-19	90	54	0	36
20-29	833	625	9	199
30 & Over	580	531	7	42
Chester				
All Ages	6,657	5,736	49	872
Under 15	9	5	0	4
15-17	156	95	1	60
18-19	328	190	5	133
20-29	2,509	2,057	13	439
30 & Over	3,655	3,389	30	236
Clarion				
All Ages	471	418	5	48
Under 15	1	1	0	0
15-17	7	6	0	1
18-19	34	25	0	9
20-29	299	267	4	28
30 & Over	130	119	1	10
Clearfield				
All Ages	949	862	8	79
Under 15	2	1	0	1
15-17	27	25	0	2
18-19	88	72	0	16
20-29	587	539	6	42
30 & Over	245	225	2	18

(Continued)

Table E-5

Reported Pregnancies by Outcome, Woman's Age Group and County of Residence, Pennsylvania, 1999

County/ Age of Woman*	Reported Pregnancies	Live Births	Fetal Deaths	Induced Abortions
Clinton				
All Ages	480	413	9	58
Under 15	0	0	0	0
15-17	18	17	0	1
18-19	55	45	1	9
20-29	291	249	5	37
30 & Over	116	102	3	11
Columbia				
All Ages	700	617	6	77
Under 15	0	0	0	0
15-17	23	16	0	7
18-19	56	47	0	9
20-29	403	354	5	44
30 & Over	218	200	1	17
Crawford				
All Ages	1,211	1,117	10	84
Under 15	2	2	0	0
15-17	43	38	0	5
18-19	109	92	1	16
20-29	704	658	4	42
30 & Over	353	327	5	21
Cumberland				
All Ages	2,580	2,251	17	312
Under 15	4	0	0	4
15-17	57	44	0	13
18-19	158	115	0	43
20-29	1,297	1,121	7	169
30 & Over	1,064	971	10	83
Dauphin				
All Ages	3,937	3,131	35	771
Under 15	14	10	0	4
15-17	170	131	3	36
18-19	342	250	3	89
20-29	2,127	1,641	14	472
30 & Over	1,284	1,099	15	170
Delaware				
All Ages	8,501	6,815	68	1,618
Under 15	28	12	0	16
15-17	297	188	2	107
18-19	508	326	3	179
20-29	3,514	2,673	27	814
30 & Over	4,154	3,616	36	502
Elk				
All Ages	399	376	2	21
Under 15	0	0	0	0
15-17	9	7	0	2
18-19	29	28	0	1
20-29	239	225	0	14
30 & Over	122	116	2	4
Erie				
All Ages	3,694	3,519	19	156
Under 15	9	9	0	0
15-17	162	148	1	13
18-19	300	285	0	15
20-29	1,985	1,877	9	99
30 & Over	1,238	1,200	9	29
Fayette				
All Ages	1,863	1,626	16	221
Under 15	6	5	0	1
15-17	100	84	0	16
18-19	222	176	2	44
20-29	1,053	942	7	104
30 & Over	482	419	7	56
Forest				
All Ages	38	35	0	3
Under 15	0	0	0	0
15-17	2	2	0	0
18-19	4	4	0	0
20-29	19	19	0	0
30 & Over	13	10	0	3
Franklin				
All Ages	1,703	1,654	15	34
Under 15	2	1	0	1
15-17	56	54	1	1
18-19	122	118	1	3
20-29	1,048	1,019	6	23
30 & Over	475	462	7	6
Fulton				
All Ages	174	171	1	2
Under 15	0	0	0	0
15-17	4	4	0	0
18-19	9	9	0	0
20-29	113	112	0	1
30 & Over	48	46	1	1
Greene				
All Ages	466	412	5	49
Under 15	2	1	0	1
15-17	18	16	0	2
18-19	36	31	0	5
20-29	281	251	4	26
30 & Over	129	113	1	15
Huntingdon				
All Ages	547	499	5	43
Under 15	4	3	0	1
15-17	22	19	0	3
18-19	51	43	1	7
20-29	311	287	4	20
30 & Over	159	147	0	12
Indiana				
All Ages	1,053	904	8	141
Under 15	0	0	0	0
15-17	24	19	0	5
18-19	96	65	2	29
20-29	614	528	1	85
30 & Over	319	292	5	22
Jefferson				
All Ages	536	475	9	52
Under 15	0	0	0	0
15-17	25	18	1	6
18-19	41	34	0	7
20-29	329	301	4	24
30 & Over	141	122	4	15
Juniata				
All Ages	304	285	3	16
Under 15	0	0	0	0
15-17	7	5	0	2
18-19	20	17	1	2
20-29	181	171	2	8
30 & Over	96	92	0	4
Lackawanna				
All Ages	2,245	2,116	21	108
Under 15	4	3	0	1
15-17	69	62	0	7
18-19	180	163	1	16
20-29	1,090	1,025	8	57
30 & Over	902	863	12	27

(Continued)

Table E-5
Reported Pregnancies by Outcome, Woman's Age Group and County of Residence, Pennsylvania, 1999

County/ Age of Woman*	Reported Pregnancies	Live Births	Fetal Deaths	Induced Abortions
Lancaster				
All Ages	7,415	6,778	71	566
Under 15	8	5	0	3
15-17	231	195	2	34
18-19	437	370	5	62
20-29	4,094	3,745	34	315
30 & Over	2,645	2,463	30	152
Lawrence				
All Ages	1,104	1,014	6	84
Under 15	5	3	0	2
15-17	46	36	0	10
18-19	83	74	0	9
20-29	626	576	3	47
30 & Over	344	325	3	16
Lebanon				
All Ages	1,574	1,426	19	129
Under 15	4	1	0	3
15-17	60	55	0	5
18-19	119	100	1	18
20-29	875	796	13	66
30 & Over	516	474	5	37
Lehigh				
All Ages	4,541	3,750	42	749
Under 15	11	5	0	6
15-17	177	141	3	33
18-19	369	264	3	102
20-29	2,253	1,806	20	427
30 & Over	1,731	1,534	16	181
Luzerne				
All Ages	3,354	3,028	27	299
Under 15	2	2	0	0
15-17	117	94	0	23
18-19	248	210	0	38
20-29	1,728	1,551	14	163
30 & Over	1,259	1,171	13	75
Lycoming				
All Ages	1,511	1,345	15	151
Under 15	3	3	0	0
15-17	62	52	0	10
18-19	128	114	0	14
20-29	836	748	9	79
30 & Over	482	428	6	48
McKean				
All Ages	553	538	2	13
Under 15	1	1	0	0
15-17	24	24	0	0
18-19	46	44	0	2
20-29	326	319	2	5
30 & Over	156	150	0	6
Mercer				
All Ages	1,441	1,345	7	89
Under 15	3	1	0	2
15-17	48	38	0	10
18-19	110	96	2	12
20-29	804	760	1	43
30 & Over	476	450	4	22
Mifflin				
All Ages	679	618	10	51
Under 15	1	1	0	0
15-17	22	19	0	3
18-19	66	60	1	5
20-29	408	373	6	29
30 & Over	182	165	3	14
Monroe				
All Ages	1,668	1,355	14	299
Under 15	3	1	0	2
15-17	60	32	0	28
18-19	133	88	0	45
20-29	749	605	7	137
30 & Over	723	629	7	87
Montgomery				
All Ages	10,956	9,214	74	1,668
Under 15	12	7	0	5
15-17	227	135	0	92
18-19	488	281	3	204
20-29	4,125	3,330	20	775
30 & Over	6,104	5,461	51	592
Montour				
All Ages	225	203	2	20
Under 15	0	0	0	0
15-17	6	4	0	2
18-19	12	11	0	1
20-29	123	114	1	8
30 & Over	84	74	1	9
Northampton				
All Ages	3,335	2,816	32	487
Under 15	9	5	0	4
15-17	138	103	1	34
18-19	249	177	3	69
20-29	1,570	1,305	9	256
30 & Over	1,369	1,226	19	124
Northumberland				
All Ages	1,113	1,006	7	100
Under 15	2	2	0	0
15-17	39	34	1	4
18-19	89	77	1	11
20-29	637	583	2	52
30 & Over	346	310	3	33
Perry				
All Ages	583	524	3	56
Under 15	0	0	0	0
15-17	27	20	1	6
18-19	51	46	0	5
20-29	313	284	0	29
30 & Over	192	174	2	16
Philadelphia				
All Ages	36,234	21,667	414	14,153
Under 15	266	108	4	154
15-17	2,354	1,467	26	861
18-19	3,960	2,191	50	1,719
20-29	19,730	11,367	205	8,158
30 & Over	9,924	6,534	129	3,261
Pike				
All Ages	364	351	3	10
Under 15	1	0	0	1
15-17	8	7	0	1
18-19	21	20	0	1
20-29	151	147	0	4
30 & Over	183	177	3	3
Potter				
All Ages	220	216	0	4
Under 15	1	1	0	0
15-17	9	9	0	0
18-19	26	26	0	0
20-29	125	123	0	2
30 & Over	59	57	0	2

(Continued)

Table E-5

Reported Pregnancies by Outcome, Woman's Age Group and County of Residence, Pennsylvania, 1999

County/ Age of Woman*	Reported Pregnancies	Live Births	Fetal Deaths	Induced Abortions
Schuylkill				
All Ages	1,654	1,428	8	218
Under 15	5	1	0	4
15-17	57	48	0	9
18-19	160	131	0	29
20-29	934	806	4	124
30 & Over	498	442	4	52
Snyder				
All Ages	461	422	8	31
Under 15	2	1	0	1
15-17	12	8	1	3
18-19	21	19	0	2
20-29	262	242	3	17
30 & Over	164	152	4	8
Somerset				
All Ages	895	817	9	69
Under 15	1	1	0	0
15-17	27	24	0	3
18-19	58	46	0	12
20-29	538	502	5	31
30 & Over	271	244	4	23
Sullivan				
All Ages	54	52	0	2
Under 15	0	0	0	0
15-17	0	0	0	0
18-19	8	8	0	0
20-29	32	31	0	1
30 & Over	14	13	0	1
Susquehanna				
All Ages	449	436	4	9
Under 15	0	0	0	0
15-17	16	16	0	0
18-19	39	39	0	0
20-29	242	234	2	6
30 & Over	152	147	2	3
Tioga				
All Ages	401	388	6	7
Under 15	0	0	0	0
15-17	8	7	1	0
18-19	36	35	1	0
20-29	247	240	1	6
30 & Over	110	106	3	1
Union				
All Ages	400	364	9	27
Under 15	0	0	0	0
15-17	11	8	0	3
18-19	19	14	0	5
20-29	224	204	5	15
30 & Over	146	138	4	4
Venango				
All Ages	734	659	11	64
Under 15	1	0	1	0
15-17	22	18	1	3
18-19	63	53	1	9
20-29	437	402	6	29
30 & Over	211	186	2	23
Warren				
All Ages	499	477	2	20
Under 15	2	2	0	0
15-17	8	7	0	1
18-19	38	34	0	4
20-29	295	285	0	10
30 & Over	156	149	2	5
Washington				
All Ages	2,491	2,088	23	380
Under 15	4	2	0	2
15-17	57	45	1	11
18-19	163	109	3	51
20-29	1,230	1,013	9	208
30 & Over	1,037	919	10	108
Wayne				
All Ages	501	480	7	14
Under 15	2	1	0	1
15-17	13	13	0	0
18-19	34	32	0	2
20-29	252	242	4	6
30 & Over	200	192	3	5
Westmoreland				
All Ages	4,185	3,582	33	570
Under 15	3	1	0	2
15-17	123	74	1	48
18-19	223	160	2	61
20-29	2,040	1,748	11	281
30 & Over	1,796	1,599	19	178
Wyoming				
All Ages	339	328	3	8
Under 15	0	0	0	0
15-17	13	11	0	2
18-19	28	25	1	2
20-29	187	183	0	4
30 & Over	111	109	2	0
York				
All Ages	5,157	4,464	47	646
Under 15	21	14	0	7
15-17	186	153	1	32
18-19	416	317	5	94
20-29	2,780	2,406	24	350
30 & Over	1,754	1,574	17	163

* Unknown age of woman included in the age group 20-29 years.

**State total includes unknown county of residence.

Table E-6

Reported Pregnancies by Outcome, Woman's Age Group and County of Residence, Pennsylvania, Five-Year Summary, 1995-1999

County/ Age of Woman*	Reported Pregnancies 1995-1999	Live Births	Fetal Deaths	Induced Abortions
State Total**				
All Ages	916,825	733,139	8,060	175,626
Under 15	3,149	1,570	33	1,546
15-17	39,027	27,425	405	11,197
18-19	69,813	47,773	622	21,418
20-29	462,422	361,917	3,605	96,900
30 & Over	342,414	294,454	3,395	44,565
Adams				
All Ages	5,236	4,905	48	283
Under 15	6	3	0	3
15-17	183	164	1	18
18-19	355	317	6	32
20-29	2,914	2,736	24	154
30 & Over	1,778	1,685	17	76
Allegheny				
All Ages	97,300	74,001	840	22,459
Under 15	351	149	7	195
15-17	3,891	2,376	51	1,464
18-19	6,482	3,918	66	2,498
20-29	44,983	32,390	308	12,285
30 & Over	41,593	35,168	408	6,017
Armstrong				
All Ages	4,429	3,968	32	429
Under 15	9	6	0	3
15-17	161	130	1	30
18-19	344	272	5	67
20-29	2,567	2,333	13	221
30 & Over	1,348	1,227	13	108
Beaver				
All Ages	11,729	9,913	109	1,707
Under 15	30	13	0	17
15-17	480	334	4	142
18-19	853	625	9	219
20-29	6,000	5,055	52	893
30 & Over	4,366	3,886	44	436
Bedford				
All Ages	2,988	2,847	22	119
Under 15	1	0	0	1
15-17	121	113	1	7
18-19	286	265	1	20
20-29	1,837	1,762	15	60
30 & Over	743	707	5	31
Berks				
All Ages	26,398	22,307	212	3,879
Under 15	89	59	0	30
15-17	1,212	948	13	251
18-19	2,144	1,610	13	521
20-29	13,693	11,471	115	2,107
30 & Over	9,260	8,219	71	970
Blair				
All Ages	8,055	7,325	76	654
Under 15	19	16	0	3
15-17	334	287	1	46
18-19	726	629	2	95
20-29	4,582	4,201	43	338
30 & Over	2,394	2,192	30	172
Bradford				
All Ages	3,681	3,639	29	13
Under 15	7	7	0	0
15-17	168	165	2	1
18-19	316	313	2	1
20-29	2,090	2,071	11	8
30 & Over	1,100	1,083	14	3
Bucks				
All Ages	43,494	36,443	268	6,783
Under 15	61	24	0	37
15-17	972	572	9	391
18-19	2,011	1,181	14	816
20-29	17,992	14,525	96	3,371
30 & Over	22,458	20,141	149	2,168
Butler				
All Ages	11,737	10,550	97	1,090
Under 15	8	5	0	3
15-17	290	225	1	64
18-19	637	490	4	143
20-29	5,528	4,933	30	565
30 & Over	5,274	4,897	62	315
Cambria				
All Ages	9,007	7,891	90	1,026
Under 15	28	12	0	16
15-17	355	261	3	91
18-19	747	606	7	134
20-29	5,009	4,432	40	537
30 & Over	2,868	2,580	40	248
Cameron				
All Ages	348	313	5	30
Under 15	1	0	0	1
15-17	14	10	0	4
18-19	28	26	0	2
20-29	200	188	2	10
30 & Over	105	89	3	13
Carbon				
All Ages	3,480	2,879	42	559
Under 15	5	3	0	2
15-17	148	105	0	43
18-19	279	205	2	72
20-29	1,955	1,631	27	297
30 & Over	1,093	935	13	145
Centre				
All Ages	7,826	6,360	69	1,397
Under 15	9	5	0	4
15-17	158	123	1	34
18-19	444	256	2	186
20-29	4,260	3,296	32	932
30 & Over	2,955	2,680	34	241
Chester				
All Ages	31,784	27,459	258	4,067
Under 15	53	25	0	28
15-17	737	491	2	244
18-19	1,557	976	17	564
20-29	12,214	10,047	86	2,081
30 & Over	17,223	15,920	153	1,150
Clarion				
All Ages	2,516	2,214	24	278
Under 15	3	2	0	1
15-17	65	54	0	11
18-19	210	162	0	48
20-29	1,540	1,361	15	164
30 & Over	698	635	9	54
Clearfield				
All Ages	4,829	4,416	39	374
Under 15	6	3	0	3
15-17	167	150	1	16
18-19	430	368	5	57
20-29	2,936	2,718	20	198
30 & Over	1,290	1,177	13	100

(Continued)

Table E-6

Reported Pregnancies by Outcome, Woman's Age Group and County of Residence, Pennsylvania, Five-Year Summary, 1995-1999

County/ Age of Woman*	Reported Pregnancies 1995-1999	Live Births	Fetal Deaths	Induced Abortions
Clinton				
All Ages	2,468	2,178	24	266
Under 15	4	3	0	1
15-17	114	96	0	18
18-19	225	181	2	42
20-29	1,525	1,352	15	158
30 & Over	600	546	7	47
Columbia				
All Ages	3,591	3,143	28	420
Under 15	6	4	0	2
15-17	112	86	0	26
18-19	284	214	2	68
20-29	2,089	1,839	14	236
30 & Over	1,100	1,000	12	88
Crawford				
All Ages	5,910	5,423	47	440
Under 15	6	3	0	3
15-17	223	190	3	30
18-19	474	408	3	63
20-29	3,454	3,198	21	235
30 & Over	1,753	1,624	20	109
Cumberland				
All Ages	12,862	11,203	99	1,560
Under 15	16	9	0	7
15-17	333	260	4	69
18-19	766	552	6	208
20-29	6,473	5,561	48	864
30 & Over	5,274	4,821	41	412
Dauphin				
All Ages	20,293	16,015	187	4,091
Under 15	64	43	1	20
15-17	981	738	11	232
18-19	1,734	1,229	16	489
20-29	10,794	8,282	107	2,405
30 & Over	6,720	5,723	52	945
Delaware				
All Ages	43,871	34,617	383	8,871
Under 15	148	67	1	80
15-17	1,574	998	10	566
18-19	2,523	1,538	20	965
20-29	18,834	14,008	150	4,676
30 & Over	20,792	18,006	202	2,584
Elk				
All Ages	2,167	2,012	19	136
Under 15	0	0	0	0
15-17	67	55	0	12
18-19	141	126	1	14
20-29	1,317	1,226	12	79
30 & Over	642	605	6	31
Erie				
All Ages	18,929	17,894	184	851
Under 15	66	55	0	11
15-17	917	856	12	49
18-19	1,689	1,554	19	116
20-29	10,167	9,571	84	512
30 & Over	6,090	5,858	69	163
Fayette				
All Ages	9,639	8,336	91	1,212
Under 15	29	20	0	9
15-17	588	469	5	114
18-19	1,020	841	10	169
20-29	5,434	4,757	52	625
30 & Over	2,568	2,249	24	295
Forest				
All Ages	207	187	0	20
Under 15	0	0	0	0
15-17	8	6	0	2
18-19	16	13	0	3
20-29	110	105	0	5
30 & Over	73	63	0	10
Franklin				
All Ages	8,192	7,949	70	173
Under 15	15	14	0	1
15-17	314	302	3	9
18-19	650	624	4	22
20-29	4,811	4,663	44	104
30 & Over	2,402	2,346	19	37
Fulton				
All Ages	844	824	7	13
Under 15	1	1	0	0
15-17	28	27	0	1
18-19	85	84	0	1
20-29	526	512	6	8
30 & Over	204	200	1	3
Greene				
All Ages	2,414	2,122	25	267
Under 15	4	2	0	2
15-17	93	73	2	18
18-19	235	194	1	40
20-29	1,514	1,352	19	143
30 & Over	568	501	3	64
Huntingdon				
All Ages	2,638	2,429	26	183
Under 15	10	7	0	3
15-17	100	92	0	8
18-19	239	211	3	25
20-29	1,572	1,460	15	97
30 & Over	717	659	8	50
Indiana				
All Ages	5,311	4,452	58	801
Under 15	8	6	0	2
15-17	135	98	1	36
18-19	465	312	6	147
20-29	3,147	2,625	24	498
30 & Over	1,556	1,411	27	118
Jefferson				
All Ages	2,821	2,518	24	279
Under 15	9	5	0	4
15-17	100	75	3	22
18-19	253	212	1	40
20-29	1,673	1,532	9	132
30 & Over	786	694	11	81
Juniata				
All Ages	1,548	1,444	14	90
Under 15	1	1	0	0
15-17	57	43	0	14
18-19	117	102	1	14
20-29	905	856	8	41
30 & Over	468	442	5	21
Lackawanna				
All Ages	11,843	11,041	114	688
Under 15	14	12	0	2
15-17	388	344	3	41
18-19	810	699	4	107
20-29	5,809	5,429	48	332
30 & Over	4,822	4,557	59	206

(Continued)

Table E-6

Reported Pregnancies by Outcome, Woman's Age Group and County of Residence, Pennsylvania, Five-Year Summary, 1995-1999

County/ Age of Woman*	Reported Pregnancies 1995-1999	Live Births	Fetal Deaths	Induced Abortions
Lancaster				
All Ages	36,173	32,927	299	2,947
Under 15	56	42	0	14
15-17	1,189	1,007	15	167
18-19	2,204	1,832	19	353
20-29	19,735	17,968	147	1,620
30 & Over	12,989	12,078	118	793
Lawrence				
All Ages	5,828	5,325	55	448
Under 15	14	9	1	4
15-17	267	224	0	43
18-19	468	408	4	56
20-29	3,260	3,015	27	218
30 & Over	1,819	1,669	23	127
Lebanon				
All Ages	8,043	7,157	77	809
Under 15	15	9	0	6
15-17	335	290	4	41
18-19	605	497	3	105
20-29	4,517	4,020	39	458
30 & Over	2,571	2,341	31	199
Lehigh				
All Ages	22,754	18,370	189	4,195
Under 15	56	32	0	24
15-17	1,004	744	13	247
18-19	1,784	1,252	15	517
20-29	11,205	8,853	84	2,268
30 & Over	8,705	7,489	77	1,139
Luzerne				
All Ages	17,834	15,698	157	1,979
Under 15	31	24	0	7
15-17	677	550	4	123
18-19	1,271	1,006	8	257
20-29	9,322	8,137	73	1,112
30 & Over	6,533	5,981	72	480
Lycoming				
All Ages	7,616	6,845	55	716
Under 15	15	13	0	2
15-17	348	296	2	50
18-19	651	558	4	89
20-29	4,287	3,880	31	376
30 & Over	2,315	2,098	18	199
McKean				
All Ages	2,716	2,642	21	53
Under 15	5	5	0	0
15-17	121	118	2	1
18-19	240	230	1	9
20-29	1,625	1,588	11	26
30 & Over	725	701	7	17
Mercer				
All Ages	7,292	6,799	50	443
Under 15	12	9	0	3
15-17	268	233	0	35
18-19	573	499	6	68
20-29	4,137	3,874	25	238
30 & Over	2,302	2,184	19	99
Mifflin				
All Ages	3,224	2,984	25	215
Under 15	9	5	0	4
15-17	127	113	0	14
18-19	257	237	2	18
20-29	1,943	1,810	16	117
30 & Over	888	819	7	62
Monroe				
All Ages	8,723	7,041	52	1,630
Under 15	15	5	0	10
15-17	310	165	0	145
18-19	640	382	3	255
20-29	3,958	3,182	21	755
30 & Over	3,800	3,307	28	465
Montgomery				
All Ages	55,765	46,139	402	9,224
Under 15	77	30	1	46
15-17	1,154	652	10	492
18-19	2,369	1,317	16	1,036
20-29	21,748	17,041	120	4,587
30 & Over	30,417	27,099	255	3,063
Montour				
All Ages	1,170	1,068	8	94
Under 15	2	0	0	2
15-17	31	21	0	10
18-19	70	57	0	13
20-29	582	534	4	44
30 & Over	485	456	4	25
Northampton				
All Ages	17,199	14,095	122	2,982
Under 15	38	17	0	21
15-17	773	525	9	239
18-19	1,300	830	9	461
20-29	8,198	6,645	42	1,511
30 & Over	6,890	6,078	62	750
Northumberland				
All Ages	5,420	4,823	55	542
Under 15	9	9	0	0
15-17	198	169	3	26
18-19	406	348	6	52
20-29	3,194	2,869	24	301
30 & Over	1,613	1,428	22	163
Perry				
All Ages	2,991	2,672	19	300
Under 15	4	2	0	2
15-17	133	104	3	26
18-19	260	219	1	40
20-29	1,650	1,487	8	155
30 & Over	944	860	7	77
Philadelphia				
All Ages	186,638	112,453	1,970	72,215
Under 15	1,500	656	20	824
15-17	13,140	8,355	155	4,630
18-19	20,225	11,379	201	8,645
20-29	100,526	57,888	940	41,698
30 & Over	51,247	34,175	654	16,418
Pike				
All Ages	1,851	1,732	17	102
Under 15	1	0	0	1
15-17	39	33	0	6
18-19	73	64	0	9
20-29	789	742	4	43
30 & Over	949	893	13	43
Potter				
All Ages	1,100	1,085	2	13
Under 15	2	1	0	1
15-17	51	49	0	2
18-19	104	104	0	0
20-29	650	642	1	7
30 & Over	293	289	1	3

(Continued)

Table E-6

Reported Pregnancies by Outcome, Woman's Age Group and County of Residence, Pennsylvania, Five-Year Summary, 1995-1999

County/ Age of Woman*	Reported Pregnancies 1995-1999	Live Births	Fetal Deaths	Induced Abortions
Schuylkill				
All Ages	8,512	7,255	72	1,185
Under 15	20	5	1	14
15-17	334	235	4	95
18-19	677	521	4	152
20-29	4,828	4,128	38	662
30 & Over	2,653	2,366	25	262
Snyder				
All Ages	2,334	2,159	26	149
Under 15	5	4	0	1
15-17	56	48	1	7
18-19	152	131	0	21
20-29	1,372	1,266	17	89
30 & Over	749	710	8	31
Somerset				
All Ages	4,600	4,137	46	417
Under 15	6	5	0	1
15-17	167	132	4	31
18-19	347	291	8	48
20-29	2,727	2,483	23	221
30 & Over	1,353	1,226	11	116
Sullivan				
All Ages	277	265	2	10
Under 15	0	0	0	0
15-17	9	8	0	1
18-19	25	23	1	1
20-29	158	152	0	6
30 & Over	85	82	1	2
Susquehanna				
All Ages	2,370	2,326	18	26
Under 15	2	2	0	0
15-17	103	102	0	1
18-19	202	195	3	4
20-29	1,261	1,236	10	15
30 & Over	802	791	5	6
Tioga				
All Ages	2,108	2,069	19	20
Under 15	4	3	0	1
15-17	80	78	1	1
18-19	181	179	1	1
20-29	1,273	1,254	6	13
30 & Over	570	555	11	4
Union				
All Ages	2,027	1,838	30	159
Under 15	3	2	0	1
15-17	45	32	0	13
18-19	123	90	3	30
20-29	1,115	1,014	17	84
30 & Over	741	700	10	31
Venango				
All Ages	3,519	3,180	34	305
Under 15	8	4	1	3
15-17	141	115	1	25
18-19	332	291	2	39
20-29	2,023	1,849	22	152
30 & Over	1,015	921	8	86
Warren				
All Ages	2,599	2,468	21	110
Under 15	3	3	0	0
15-17	64	57	0	7
18-19	221	199	2	20
20-29	1,504	1,446	8	50
30 & Over	807	763	11	33
Washington				
All Ages	13,195	11,039	112	2,044
Under 15	27	14	0	13
15-17	415	288	6	121
18-19	856	609	8	239
20-29	6,834	5,664	48	1,122
30 & Over	5,063	4,464	50	549
Wayne				
All Ages	2,688	2,556	29	103
Under 15	5	4	0	1
15-17	81	76	0	5
18-19	194	180	2	12
20-29	1,381	1,319	14	48
30 & Over	1,027	977	13	37
Westmoreland				
All Ages	22,543	18,893	190	3,460
Under 15	27	12	0	15
15-17	705	426	11	268
18-19	1,378	959	15	404
20-29	11,223	9,357	75	1,791
30 & Over	9,210	8,139	89	982
Wyoming				
All Ages	1,714	1,650	15	49
Under 15	0	0	0	0
15-17	65	59	0	6
18-19	117	108	2	7
20-29	974	946	3	25
30 & Over	558	537	10	11
York				
All Ages	25,611	22,232	211	3,168
Under 15	91	60	0	31
15-17	1,009	805	9	195
18-19	1,933	1,465	19	449
20-29	13,964	12,150	102	1,712
30 & Over	8,614	7,752	81	781

* Unknown age of woman included in the age group 20-29 years.

**State total includes unknown county of residence.

Table E-7

Reported Pregnancy Rates* by Woman's Age Group and County of Residence, Pennsylvania, 1999

		Age of Woman (In Years)					
County	Total	10-14	15-19	15-17	18-19	20-29	30-49
All Counties	71.5	1.5	49.7	30.0	75.3	116.7	38.9
Adams	55.3	0.0	34.4	18.3	53.2	103.1	27.1
Allegheny	72.3	1.5	48.3	29.9	75.0	112.2	42.9
Armstrong	58.7	1.3	37.1	19.6	61.5	106.5	27.9
Beaver	57.4	0.9	37.2	20.1	61.4	100.1	29.8
Bedford	65.2	0.0	49.1	16.8	101.6	141.5	22.5
Berks	69.9	1.2	54.3	33.6	82.1	116.8	35.9
Blair	61.5	1.0	40.8	20.6	66.9	121.0	25.5
Bradford	62.3	2.3	55.1	30.4	99.0	121.0	25.6
Bucks	68.4	0.4	34.0	16.6	61.5	99.3	47.3
Butler	60.6	0.4	23.0	15.9	30.4	88.0	44.0
Cambria	58.3	0.9	34.2	19.9	52.9	112.1	26.3
Cameron	66.8	0.0	69.0	43.0	115.4	142.9	20.1
Carbon	61.9	1.0	57.9	34.5	98.9	123.2	25.8
Centre	44.5	0.6	14.7	12.3	15.6	55.8	38.3
Chester	70.1	0.6	31.9	18.7	48.2	89.1	53.4
Clarion	45.8	0.8	16.6	7.7	21.8	80.3	24.0
Clearfield	58.6	0.8	44.0	16.9	86.8	112.1	22.2
Clinton	59.5	0.0	40.5	23.3	53.3	100.7	25.3
Columbia	44.6	0.0	21.5	17.4	23.8	69.3	26.5
Crawford	64.1	0.7	41.7	21.7	65.6	120.8	28.3
Cumberland	55.9	0.7	25.5	15.0	34.2	86.1	35.2
Dauphin	75.4	1.7	73.6	41.0	121.9	135.3	32.8
Delaware	74.2	1.6	39.8	25.4	59.6	102.1	52.4
Elk	60.3	0.0	34.8	12.3	80.1	129.3	25.4
Erie	60.7	1.0	38.0	26.8	49.1	101.8	32.1
Fayette	64.5	1.3	70.5	35.4	127.2	115.9	23.8
Forest	46.6	0.0	39.5	26.7	51.9	68.8	24.0
Franklin	65.3	0.5	41.4	21.7	70.8	138.9	25.3
Fulton	58.9	0.0	26.9	12.9	52.3	125.3	22.9
Greene	53.7	1.5	36.3	20.5	58.9	101.7	22.1
Huntingdon	64.1	3.0	44.4	25.4	65.6	109.2	29.6
Indiana	49.3	0.0	23.4	12.6	29.9	76.3	28.9
Jefferson	57.4	0.0	40.8	26.5	61.1	111.0	22.4
Juniata	66.9	0.0	36.6	16.5	63.9	122.5	31.2
Lackawanna	53.2	0.6	34.3	16.3	59.3	80.2	31.9
Lancaster	75.6	0.5	38.0	24.1	54.5	132.0	40.6
Lawrence	59.5	1.7	38.9	24.2	58.7	108.0	27.2
Lebanon	67.1	1.1	47.8	27.1	78.1	129.1	30.2
Lehigh	73.6	1.2	57.4	31.8	93.5	121.3	38.8
Luzerne	56.5	0.2	35.2	19.4	56.8	103.6	29.2
Lycoming	60.8	0.8	47.6	26.3	78.2	109.5	28.0
McKean	64.6	0.7	46.1	26.8	73.8	126.1	26.1
Mercer	61.0	0.8	36.1	20.8	53.3	111.2	29.4
Mifflin	73.7	0.6	60.4	24.6	117.6	140.5	28.1
Monroe	58.7	0.7	40.0	23.9	57.4	89.6	36.6
Montgomery	76.6	0.5	35.4	18.4	62.3	107.3	54.3
Montour	61.4	0.0	30.0	17.2	47.6	124.0	30.9
Northampton	60.6	1.1	41.6	28.1	56.7	92.2	36.0
Northumberland	63.7	0.7	48.9	23.8	91.1	125.8	26.6
Perry	61.3	0.0	50.7	30.0	79.8	115.5	27.6
Philadelphia	113.7	5.5	117.6	75.8	175.1	181.5	48.0
Pike	42.1	0.7	23.0	10.0	45.6	62.0	29.1
Potter	64.7	1.7	59.1	24.4	116.6	112.5	26.1
Schuylkill	62.0	1.1	51.7	22.2	98.3	119.6	25.3
Snyder	53.6	1.6	20.1	14.9	25.1	93.6	30.5
Somerset	57.6	0.4	33.5	17.1	60.4	109.9	25.1
Sullivan	48.3	0.0	32.8	0.0	78.4	101.9	18.6
Susquehanna	52.4	0.0	36.8	16.5	74.4	102.9	24.5
Tioga	45.3	0.0	21.3	8.0	33.7	84.9	21.2
Union	49.4	0.0	15.8	14.6	16.7	85.0	30.6
Venango	64.6	0.5	45.5	18.2	95.3	128.8	25.8
Warren	60.3	1.4	34.7	9.8	74.5	121.0	25.6
Washington	60.2	0.7	32.3	14.3	57.3	93.5	36.0
Wayne	63.8	1.3	43.7	19.6	82.1	116.8	32.3
Westmoreland	57.6	0.3	30.3	18.2	47.7	91.4	34.2
Wyoming	53.1	0.0	33.8	18.1	56.6	96.4	25.9
York	64.7	1.7	48.9	25.0	85.4	121.2	29.9

* Rates per 1,000 1999 female population for each specified age group and county.
Total includes all reported pregnancies per 1,000 female population age 15-44.

Table E-8

Average Annual Reported Pregnancy Rates* by Woman's Age Group and County of Residence, Pennsylvania, 1995-1999

		Age of Woman (In Years)					
County	Total	10-14	15-19	15-17	18-19	20-29	30-49
All Counties	71.8	1.6	52.6	33.1	78.7	117.2	38.6
Adams	55.6	0.4	31.3	19.7	44.9	105.1	27.8
Allegheny	72.7	1.8	52.3	32.6	81.8	113.1	42.7
Armstrong	58.7	0.8	40.3	21.5	68.2	109.9	25.9
Beaver	63.0	1.0	44.8	27.6	69.2	107.6	32.9
Bedford	62.4	0.1	55.3	26.5	102.0	130.1	21.4
Berks	70.5	1.5	53.4	32.4	84.5	119.2	36.1
Blair	58.2	0.9	43.4	23.2	72.4	108.5	25.4
Bradford	58.2	0.6	49.2	26.7	89.0	113.7	23.9
Bucks	69.5	0.6	35.2	18.3	63.3	103.7	46.9
Butler	62.0	0.3	28.5	17.6	39.8	96.9	41.1
Cambria	58.1	1.2	39.0	21.6	63.2	106.4	27.2
Cameron	69.4	1.1	56.8	30.3	100.7	141.6	27.5
Carbon	61.3	0.5	56.6	31.1	100.0	120.7	25.5
Centre	44.8	0.6	15.1	13.7	15.7	56.7	38.0
Chester	68.1	0.8	31.5	18.4	47.7	88.4	51.3
Clarion	48.7	0.5	22.1	14.3	26.6	84.1	25.5
Clearfield	58.9	0.5	44.4	20.3	82.4	110.3	23.5
Clinton	60.3	0.7	37.0	29.1	43.0	106.8	25.6
Columbia	45.6	0.6	21.8	17.1	24.4	72.8	26.4
Crawford	61.9	0.4	38.5	22.7	57.5	115.8	28.0
Cumberland	55.3	0.5	26.5	17.8	33.7	85.5	34.7
Dauphin	76.1	1.5	79.2	47.9	125.4	132.6	34.1
Delaware	74.9	1.7	41.6	27.0	62.8	106.4	51.4
Elk	62.7	0.0	36.8	17.7	75.3	129.8	26.5
Erie	61.4	1.4	43.9	31.1	56.6	103.4	31.0
Fayette	65.0	1.3	67.9	40.2	112.8	115.8	25.1
Forest	49.3	0.0	28.8	16.7	45.2	82.7	25.9
Franklin	61.9	0.7	45.4	24.5	77.2	123.2	25.5
Fulton	56.4	0.4	46.1	17.8	97.3	115.0	19.5
Greene	55.7	0.6	43.9	21.1	76.9	110.9	19.6
Huntingdon	61.0	1.5	41.5	23.2	61.9	109.9	26.2
Indiana	48.6	0.6	22.8	13.8	28.2	77.7	27.5
Jefferson	59.3	1.2	42.9	20.4	76.2	111.4	24.7
Juniata	68.2	0.3	46.7	25.7	77.7	123.5	30.6
Lackawanna	54.8	0.4	33.1	18.2	54.3	84.1	33.1
Lancaster	73.5	0.7	39.6	25.5	56.5	127.4	39.8
Lawrence	61.5	0.9	43.7	26.7	68.6	111.2	28.2
Lebanon	67.4	0.8	50.5	29.8	81.8	128.8	29.9
Lehigh	72.6	1.2	59.4	35.7	95.1	118.4	38.6
Luzerne	58.1	0.7	37.5	22.0	59.8	105.2	29.8
Lycoming	60.5	0.8	50.5	29.0	83.5	112.0	26.2
McKean	60.2	0.7	46.0	26.1	74.6	119.0	23.3
Mercer	60.5	0.7	38.4	23.2	55.5	113.1	28.0
Mifflin	68.3	1.2	51.7	27.8	89.8	128.7	27.2
Monroe	63.8	0.7	42.6	26.7	59.7	98.8	39.9
Montgomery	77.0	0.7	36.7	19.3	65.5	108.6	54.1
Montour	61.8	0.7	34.7	17.4	61.7	111.1	34.9
Northampton	62.2	0.9	45.7	32.3	60.8	96.4	36.1
Northumberland	60.2	0.6	45.7	23.9	82.3	119.5	24.5
Perry	61.9	0.5	51.8	28.5	88.9	118.6	27.0
Philadelphia	112.8	6.1	125.8	83.1	188.7	178.5	47.7
Pike	45.4	0.1	20.2	11.2	35.5	67.3	32.1
Potter	63.7	0.7	50.6	27.4	86.2	116.6	25.7
Schuylkill	61.7	0.9	47.4	25.6	81.8	117.4	26.5
Snyder	53.4	0.8	25.3	13.9	36.3	96.3	27.5
Somerset	58.5	0.5	40.3	21.1	71.9	111.6	24.8
Sullivan	48.7	0.0	28.2	12.9	49.5	101.7	21.7
Susquehanna	55.2	0.3	41.6	21.7	78.7	107.0	25.9
Tioga	47.7	0.6	26.2	16.6	35.2	88.6	21.6
Union	48.2	0.5	16.8	11.3	20.4	78.6	31.1
Venango	60.0	0.8	49.7	22.9	98.6	116.8	24.2
Warren	60.4	0.4	41.6	15.2	83.8	117.8	25.8
Washington	62.5	0.9	36.7	20.4	59.8	102.4	34.7
Wayne	66.7	0.7	49.3	23.0	94.4	120.4	33.4
Westmoreland	60.3	0.5	35.7	20.5	57.7	97.9	34.4
Wyoming	53.2	0.0	30.5	18.6	47.3	97.7	26.1
York	64.0	1.5	49.2	27.9	81.7	119.3	29.6

*Rates per 1,000 female population for each specified age group and county, 1995-1999.
Total includes all reported pregnancies per 1,000 female population age 15-44.

Table E-9

Reported Pregnancies by Outcome and County of Residence

Number and Percent*: Pennsylvania, 1999

County	Reported Pregnancies	Live Births		Fetal Deaths		Induced Abortions	
		Number	Percent	Number	Percent	Number	Percent
State Total	179,291	144,828	80.8	1,600	0.9	32,863	18.3
Adams	1,057	999	94.5	8	0.8	50	4.7
Allegheny	18,589	14,442	77.7	160	0.9	3,987	21.4
Armstrong	866	792	91.5	5	0.6	69	8.0
Beaver	2,063	1,763	85.5	17	0.8	283	13.7
Bedford	613	577	94.1	5	0.8	31	5.1
Berks	5,239	4,509	86.1	49	0.9	681	13.0
Blair	1,673	1,503	89.8	19	1.1	151	9.0
Bradford	767	761	99.2	5	0.7	1	0.1
Bucks	8,495	7,313	86.1	44	0.5	1,138	13.4
Butler	2,312	2,150	93.0	19	0.8	143	6.2
Cambria	1,729	1,524	88.1	18	1.0	187	10.8
Cameron	65	58	89.2	0	0.0	7	10.8
Carbon	690	589	85.4	6	0.9	95	13.8
Centre	1,534	1,237	80.6	16	1.0	281	18.3
Chester	6,657	5,736	86.2	49	0.7	872	13.1
Clarion	471	418	88.7	5	1.1	48	10.2
Clearfield	949	862	90.8	8	0.8	79	8.3
Clinton	480	413	86.0	9	1.9	58	12.1
Columbia	700	617	88.1	6	0.9	77	11.0
Crawford	1,211	1,117	92.2	10	0.8	84	6.9
Cumberland	2,580	2,251	87.2	17	0.7	312	12.1
Dauphin	3,937	3,131	79.5	35	0.9	771	19.6
Delaware	8,501	6,815	80.2	68	0.8	1,618	19.0
Elk	399	376	94.2	2	0.5	21	5.3
Erie	3,694	3,519	95.3	19	0.5	156	4.2
Fayette	1,863	1,626	87.3	16	0.9	221	11.9
Forest	38	35	92.1	0	0.0	3	7.9
Franklin	1,703	1,654	97.1	15	0.9	34	2.0
Fulton	174	171	98.3	1	0.6	2	1.1
Greene	466	412	88.4	5	1.1	49	10.5
Huntingdon	547	499	91.2	5	0.9	43	7.9
Indiana	1,053	904	85.8	8	0.8	141	13.4
Jefferson	536	475	88.6	9	1.7	52	9.7
Juniata	304	285	93.8	3	1.0	16	5.3
Lackawanna	2,245	2,116	94.3	21	0.9	108	4.8
Lancaster	7,415	6,778	91.4	71	1.0	566	7.6
Lawrence	1,104	1,014	91.8	6	0.5	84	7.6
Lebanon	1,574	1,426	90.6	19	1.2	129	8.2
Lehigh	4,541	3,750	82.6	42	0.9	749	16.5
Luzerne	3,354	3,028	90.3	27	0.8	299	8.9
Lycoming	1,511	1,345	89.0	15	1.0	151	10.0
McKean	553	538	97.3	2	0.4	13	2.4
Mercer	1,441	1,345	93.3	7	0.5	89	6.2
Mifflin	679	618	91.0	10	1.5	51	7.5
Monroe	1,668	1,355	81.2	14	0.8	299	17.9
Montgomery	10,956	9,214	84.1	74	0.7	1,668	15.2
Montour	225	203	90.2	2	0.9	20	8.9
Northampton	3,335	2,816	84.4	32	1.0	487	14.6
Northumberland	1,113	1,006	90.4	7	0.6	100	9.0
Perry	583	524	89.9	3	0.5	56	9.6
Philadelphia	36,234	21,667	59.8	414	1.1	14,153	39.1
Pike	364	351	96.4	3	0.8	10	2.7
Potter	220	216	98.2	0	0.0	4	1.8
Schuylkill	1,654	1,428	86.3	8	0.5	218	13.2
Snyder	461	422	91.5	8	1.7	31	6.7
Somerset	895	817	91.3	9	1.0	69	7.7
Sullivan	54	52	96.3	0	0.0	2	3.7
Susquehanna	449	436	97.1	4	0.9	9	2.0
Tioga	401	388	96.8	6	1.5	7	1.7
Union	400	364	91.0	9	2.3	27	6.8
Venango	734	659	89.8	11	1.5	64	8.7
Warren	499	477	95.6	2	0.4	20	4.0
Washington	2,491	2,088	83.8	23	0.9	380	15.3
Wayne	501	480	95.8	7	1.4	14	2.8
Westmoreland	4,185	3,582	85.6	33	0.8	570	13.6
Wyoming	339	328	96.8	3	0.9	8	2.4
York	5,157	4,464	86.6	47	0.9	646	12.5

* Percent of reported pregnancies for each specified county.

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 1999 calendar year. A copy of each of these types of certificates is included in the back of this report.

The cutoff date for 1999 data in this report was March 1, 2000. Data pertaining to a 1999 event for which a certificate was filed after March 1, 2000, are not included in this report. It is possible that data obtained from the Bureau of Health Statistics may differ slightly from that which appear in this report. If this occurs, it is due to an update to the 1999 data which was 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, 2000. 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, and funeral directors.

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. There is no interstate agreement among the 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 1991-1999 and 1981-1989 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 1990 population data used in this report are Bureau of the Census enumerated population figures as of April 1, 1990.

Population data by race (white and black) and Hispanic origin for 1991-1999 and 1981-1989 population figures for whites were also produced and released by the Pennsylvania State Data Center. Racial and Hispanic origin population data for 1990 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.

The historical estimates of state, county and municipal total populations have been revised by the Bureau of the Census from time to time. Those used in the computation of multiple-year average annual rates are the most recent available at the print date for this report.

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 works to ensure that the information received is as complete and accurate as possible and 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-back with hospital personnel, funeral directors, and/or physicians concerning incomplete or conflicting information reported on the certificate. The follow-back contact is usually done by telephone and is based on both manual and computer editing procedures.

The field program attempts to improve 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 birth and death certificates. A 0.4 percent sample of birth records and a 0.5 percent sample of death records coded and submitted monthly by the state are 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, fetal deaths under sixteen weeks gestation are not required to be reported.

According to a study (see References) 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, non-induced fetal deaths, and induced abortions is as indicated in the table below. The percent distribution of Pennsylvania's reported pregnancies for 1999 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 1999
Live Births	62.3%	80.8%
Fetal Deaths	15.7%	0.9%
Induced Abortions	22.0%	18.3%

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 edits and queries reported 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, non-induced fetal deaths, and induced abortions – as required by law to be reported to the Pennsylvania Department of Health. Data on non-induced (spontaneous) fetal deaths of less than 16 weeks gestation are not included and data on induced abortions do not include those procedures obtained by Pennsylvania residents outside the Commonwealth of Pennsylvania.

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 of vital statistics.

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.

According to information collected by the Birth Defects Branch of the Centers for Disease Control and Prevention, approximately 3.0 percent of all live births result in the occurrence of a congenital anomaly. In Pennsylvania during 1999, 1.9 percent of all resident live births had a congenital anomaly or birth defect reported on the certificate of live birth. Prior to 1989, the percentage of births with a congenital anomaly reported was usually below 1.0 percent. However, the certificate revision in 1989 included a checklist section for reporting congenital anomalies, in place of a write-in entry item. This change has probably resulted in more complete reporting than had occurred in previous years.

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 birth or death 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 by 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 is 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 or when an unincorporated place is given as the place of residence, it may be impossible to allocate the event to a specific township or the correct minor civil division if this information is not supplied. How often incorrect information on 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-26, B-27, B-28, B-29, B-30, B-31, B-32, C-34, C-35, C-36, C-37, C-38, C-39 and C-40 show statistics for 23 selected municipalities. These municipalities include cities or boroughs with a 1990 U.S. Bureau of the Census enumerated population of 25,000 or more. Philadelphia is both a a city and a county and has been included in both county and municipality tables for the user's convenience.

D. DEFINITIONS OF TERMS

1. Natality:

APGAR SCORE – Named after Virginia Apgar, M.D., the Apgar Score is an international code for the clinical evaluation of an infant one minute and five minutes after birth. A score of 0, 1 or 2 is assigned to each of the following objective signs – heart rate, respiratory effort, muscle tone, reflex irritability and color. Thus, the total Apgar Score ranges from a low of 0 to a high of 10. In general, a score of 8-10 is considered satisfactory, 4-7 indicates a need for careful observation and possible concern since the infant is moderately depressed and 0-3 serves as an alert for possible emergency procedures and raises some doubts about survival since the infant is severely depressed.

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 – An expression 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.

The first ICD was issued in 1900. It has been revised about every ten years since then, except for the twenty-year interval between ICD-9 (1979) and ICD-10 (1999). See Section F for further discussion of the changes in cause-of-death coding and reporting with the use of ICD-10 for the first time with 1999 events.

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.

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, non-induced 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 and ounces or grams on the Pennsylvania Certificate of Live Birth. Birth weights reported in pounds and 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. 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 and 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.

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 DEATH RATE:

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

NEONATAL DEATH RATE*:

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

POSTNEONATAL DEATH RATE*:

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

INFANT DEATH 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 projected 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: This is the first *Pennsylvania Vital Statistics* report to use the 2000 standard million population for the calculation of all age-adjusted mortality rates. Therefore, age-adjusted rates that appeared in any previous reports (using the 1940 or other standard million population) are **not comparable** to the age-adjusted mortality rates that appear in this 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.

*For infant, neonatal, and postneonatal death 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.

CAUSE-SPECIFIC DEATH RATE:

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

MATERNAL DEATH RATE:

$$\frac{\text{Total Maternal Deaths}}{\text{Total Live Births}} \times 10{,}000$$

TOTAL FERTILITY RATE:

$$\text{Sum of Age-Specific Birth Rates Among Women for 5-year Age Groups Between 15 and 44} \times 5$$

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 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.

REPORTED PREGNANCY RATE:

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

AGE-SPECIFIC REPORTED PREGNANCY RATE:

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

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:

All rates are subject to 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. 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, take a look at the infant death rate in 1999 for Bedford County. There were only seven infant deaths reported in 1999 among residents of Bedford County, a rather sparsely populated rural county. Unfortunately, those seven deaths were enough to give Bedford County an infant death rate of 12.1 per 1,000 live births in 1999 and the distinction of having one of the highest infant death rates that year 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 death rate in Bedford 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 instance, if you calculate an average annual infant death rate for Bedford County covering the five-year period of 1995-99 when a total of 20 infants died, the result is a rate of 7.0 per 1,000 live births, a much lower and probably more accurate measurement of the recent infant mortality experience in that county. Expanding the period of time studied enlarges the absolute numbers and adds more credence to a statement regarding Bedford County's infant death 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,

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

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.

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 estimate assumes the rate to be a binomial proportion. As an example, let's use the Pennsylvania's 1999 cancer death rate of 251.3 per 100,000 population in the calculation of this estimated S.E. and 95% C.I. The rate of 251.3 was based on 30,136 resident cancer deaths reported for 1999. The square root of 30,136 is 173.60. By dividing the rate of 251.3 by 173.60, one obtains the estimated S.E. of 1.45.

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

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

Following this formula, for the rate we are using, produces an equation of $251.3 \pm (1.96 \times 1.45)$ and the result is 251.3 ± 2.8. Then, by subtracting and adding 2.8 against the original rate of 251.3, a range can be calculated and considered the estimated 95% confidence interval for the rate, i.e., 248.5 - 254.1. One could then state, with 95% certainty, that the actual 1999 cancer death rate for the state was between 248.5 and 254.1.

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.

F. SELECTED 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 causes of death. ICD-10 will replace 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 classifications 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 (see Section F.2.) or will simply have a name change but include the same conditions (see Section F.3.).

2. Comparability Ratios (ICD10 vs. ICD-9)

As stated above, the new ICD revisions for determining and classifying 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

Preliminary United States Comparability Ratios for Major Causes of Death
ICD-10 versus ICD-9

ICD-10 Cause	ICD-9 Cause	Comparability Ratio
Diseases of Heart	Heart Disease	0.99
Malignant Neoplasms	Malignant Neoplasms	1.01
Cerebrovascular Disease	Cerebrovascular Disease	1.06
Chronic Lower Respiratory Disease	Chronic Obstructive Pulmonary Disease	1.05
Accidents	Unintentional Injuries	1.03
Influenza and Pneumonia	Pneumonia and Influenza	0.70
Diabetes Mellitus	Diabetes Mellitus	1.01
Septicemia	Septicemia	1.19
Nephritis, Nephrotic Syndrome and Nephrosis	Nephritis, Nephrosis, etc.	1.23
Intentional Self Harm (Suicide)	Suicide	1.00
Chronic Liver Disease and Cirrhosis	Liver Disease and Cirrhosis	1.04
Alzheimer's Disease	Alzheimer's Disease	1.55
Parkinson's Disease	Parkinson's Disease	1.00
Atherosclerosis	Atherosclerosis	0.96
Assault (Homicide)	Homicide	1.00

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.

The table above presents the comparability ratios for the 15 major causes of death based on the NCHS double-coding results. 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 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.

3. Major Cause of Death Codes (ICD-10 vs. ICD-9)

In Tables C-8, C-10, C-11A thru C-11E, C-12A thru C-12E, C-13, C-29, C-32, C-33, C-39 and C-40, various causes of deaths are shown. Due to the implementation (see Section F.1 above) of the International Classification of Diseases, Tenth Revision (ICD-10), there are some minor and major name and/or coding definition changes, compared to ICD-9. We have tried to use major causes and definitions that correspond closely to United States data as released by the National Center for Health Statistics.

Examples of title changes for major causes of death (see table above) include "Chronic Obstructive Pulmonary Disease" or "COPD". In ICD-10, this cause will be entitled "Chronic Lower Respiratory Disease" but will include the same conditions. The term "Suicide" has been replaced with "Intentional Self-Harm" and "Homicide" has been changed to "Assault." "Unintentional Injuries" has been broken down into three different categories ("Nontransport Accidents", "Motor Vehicle Accidents", and "Other Transport Accidents") in place of the two commonly used with ICD-9 ("Non-Motor Vehicle" and "Motor Vehicle"). Some changes are very minor, i.e., "Heart Disease" will now be named "Diseases of Heart."

The ICD-9 and ICD-10 codes for the major selected causes of death shown in this report are listed on the next page. The ICD-9 codes are the same as used in previous reports and will continue to be used for presenting cause of death data for the years 1979-1998. The more specific causes for heart disease that appear in Tables C-32 and C-39 are defined by the ICD-10 codes in footnotes following Table C-17B. And, the more specific causes for malignant neoplasms that also appear in Tables C-32 and C-39 are defined by the ICD-10 codes that appear in footnotes following Tables C-18B and C-18C.

G. 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

Continued on Page 228...

CAUSE OF DEATH	ICD-9 CODE(S):
Heart Disease	390-398,402, 404-429
Malignant Neoplasms	140-208
Cerebrovascular Disease	430-438
Chronic Obstructive Pulmonary Disease	490-496
Unintentional Injuries	E800-E807, E810-E949
Motor Vehicle	E810-E825
Non-Motor Vehicle	E800-E807, E826-E949
Pneumonia and Influenza	480-487
Diabetes Mellitus	250
Septicemia	038
Nephritis, Nephrosis	580-589
Suicide	E950-E959
Liver Disease and Cirrhosis	571
Alzheimer's Disease	331.0
Homicide and Legal Intervention	E960-E978
Atherosclerosis	440
Parkinson's Disease	332
Hypertension	401, 403
HIV Infection	042-044
Perinatal Conditions	760-779
Congenital Anomalies	740-759
Benign and Unspecified Neoplasm	210-239
Hernia and Intestinal Obstruction	550-553,560
Pneumoconiosis	500-505
Anemias	280-285
Nutritional Deficiencies	260-269
Ulcers of Stomach and Duodenum	531-533
Diseases of Pancreas	577
Gall Bladder Disorders	574-575
Multiple Sclerosis	340
Alcoholism	303
Venous Embolism and Thrombosis	451-453
Epilepsy	345
Meningitis	320-322
Tuberculosis	010-018
Infections of Kidney	590

CAUSE OF DEATH	ICD-10 CODE(S):
Diseases of Heart	I00-I09,I11,I13, I20-I51
Malignant Neoplasms	C00-C97
Cerebrovascular Disease	I60-I69
Chronic Lower Respiratory Disease	J40-J47
Accidents	V01-X59,Y85,Y86
Motor Vehicle Accidents	V02-V04,V09.0, V09.2,V12-V14,V19.0-V19.2, V19.4-V19.6,V20-V79, V80.3-V80.5,V81.0-V81.1, V82.0-V82.1,V83-V86, V87.0-V87.8,V88.0-V88.8, V89.0,V89.2
Nontransport Accidents	W00-X59,Y86
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
Influenza and Pneumonia	J10-J18
Diabetes Mellitus	E10-E14
Septicemia	A40-A41
Nephritis, Nephrotic Syndrome and Nephrosis	N00-N07, N17-N19,N25-N27
Intentional Self-harm (Suicide)	X60-X84,Y87.0
Chronic Liver Disease and Cirrhosis	K70,K73-K74
Alzheimer's Disease	G30
Parkinson's Disease	G20-G21
Atherosclerosis	I70
Assault (Homicide)	X85-X99,Y00-Y09, Y87.1
Essential Hypertension and Hypertensive Renal Disease	I10,I12
Perinatal Conditions	P00-P96
HIV Disease	B20-B24
In Situ, Benign and Uncertain Neoplasms	D00-D48
Congenital Malformations, Deformations & Chromosomal Abnormalities	Q00-Q99
Anemias	D50-D64
Pneumoconiosis	J60-J66
Hernia	K40-K46
Nutritional Deficiencies	E40-E64
Peptic Ulcer	K25-K28
Disorders of Biliary Tract & Pancreas	K83-K86
Cholelithiasis & Other Disorders of Gallbladder	K80-K82
Multiple Sclerosis	G35
Phlebitis, Thrombophlebitis, Venous Embolism & Thrombosis	I80-I82
Epilepsy	G40-G41

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 on computer tapes 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, 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 if you are interested in more information about multiple causes of death statistics.