

# Pennsylvania Vital Statistics 2020

February 2023



**pennsylvania**  
DEPARTMENT OF HEALTH

# TABLE OF CONTENTS

<b>POPULATION STATISTICS</b>	<b>PAGE</b>
List of Data Tables and Illustrations.....	1
State Tables and Illustrations .....	2
County Tables and Map.....	6
Municipality Table .....	14
<b>BIRTH STATISTICS</b>	
List of Data Tables and Illustrations.....	15
State Tables and Illustrations .....	18
County Tables and Maps.....	38
Municipality Tables and Illustrations .....	62
<b>DEATH STATISTICS</b>	
List of Data Tables and Illustrations.....	72
State Tables and Illustrations .....	78
County Tables and Maps.....	140
Municipality Tables and Illustrations .....	163
<b>INDUCED ABORTIONS STATISTICS</b>	
List of Data Tables and Illustrations.....	178
State Tables and Illustrations .....	179
County Tables .....	182
<b>REPORTED PREGNANCIES STATISTICS</b>	
List of Data Tables and Illustrations.....	185
State Tables and Illustrations .....	186
County Tables .....	189
<b>TECHNICAL NOTES</b>	
A. Sources of Data.....	200
B. Data Quality.....	201
C. Geography.....	202
D. Definitions and Terms.....	202
E. Rates .....	204
F. 2003 Revisions to Certificate of Live Birth .....	207
G. 2006 Revisions to Certificates of Death and Fetal Death .....	208
H. Underlying Causes of Death.....	209
I. Multiple Causes of Death .....	210
J. Multi-Race Designation .....	210

# POPULATION

# LIST OF DATA TABLES AND ILLUSTRATIONS

<b>POPULATION DATA TABLES</b>	<b>PAGE</b>
Table A-1 Population in Pennsylvania, 1950-2020.....	2
Table A-2 Population by Age, Race, and Hispanic Origin: Pennsylvania, 2020 .....	3
Table A-3 Population by Age and Sex: Pennsylvania, 2010 and 2020.....	4
Table A-4 Population by County: Pennsylvania, 2010 and 2020.....	6
Table A-5A Total Population by Age and County: Pennsylvania, 2020 .....	8
Table A-5B Male Population by Age and County: Pennsylvania, 2020.....	10
Table A-5C Female Population by Age and County: Pennsylvania, 2020.....	12
Table A-6 Population for Selected Municipalities: Pennsylvania, 2010 and 2020 .....	14

<b>POPULATION DATA ILLUSTRATIONS</b>	<b>PAGE</b>
Figure A-1 Population, Percent by Age Group, Pennsylvania, 1950, 1960, 1970, 1980, 1990, 2000, 2010 and 2020 .....	2
Figure A-2 Population by Age and Sex, Pennsylvania, 2020.....	5
Figure A-3 State Map: Percent Population Change by County, Pennsylvania, 2010 to 2020.....	7

Table A-1  
**Population\* in Pennsylvania, 1950-2020**

Year	Population	Year	Population	Year	Population
2020	12,989,625	1996	12,056,112		
2019	12,801,989	1995	12,071,842	1972	11,926,000
2018	12,807,060	1994	12,052,410	1971	11,879,000
2017	12,805,537	1993	12,030,079	1970	11,793,909
2016	12,784,227	1992	11,995,405	1969	11,803,000
2015	12,802,503	1991	11,961,070	1968	11,755,400
2014	12,787,209	1990	11,881,643	1967	11,646,000
2013	12,773,801	1989	12,040,102	1966	11,637,900
2012	12,763,536	1988	12,002,236	1965	11,535,200
2011	12,742,886	1987	11,936,396	1964	11,459,000
2010	12,702,379	1986	11,889,165	1963	11,424,000
2009	12,604,767	1985	11,863,672	1962	11,376,000
2008	12,448,279	1984	11,900,701	1961	11,468,000
2007	12,432,792	1983	11,894,700	1960	11,319,366
2006	12,440,621	1982	11,885,330	1959	11,323,000
2005	12,429,616	1981	11,870,960	1958	11,101,000
2004	12,406,292	1980	11,863,895	1957	11,166,000
2003	12,365,455	1979	11,730,500	1956	11,132,000
2002	12,335,091	1978	11,749,900	1955	11,132,000
2001	12,287,150	1977	11,785,200	1954	10,895,800
2000	12,281,054	1976	11,862,000	1953	10,829,100
1999	11,994,016	1975	11,828,200	1952	10,733,700
1998	12,001,451	1974	11,835,400	1951	10,594,900
1997	12,019,661	1973	11,902,000	1950	10,498,012

\* 1950, 1960, 1970, 1980, 1990, 2000 and 2010 populations as enumerated by the U.S. Bureau of the Census. The 1981 through 1989, 1991 through 1999, 2001 through 2009, 2011 through 2020 estimated populations as prepared by the State Data Center of the Pennsylvania State University at Harrisburg. Estimated populations for all other years as prepared by the Pennsylvania Office of State Planning and Development.

Figure A-1  
**Population, Percent by Age Group**  
**Pennsylvania, 1950, 1960, 1970, 1980, 1990, 2000, 2010 and 2020**

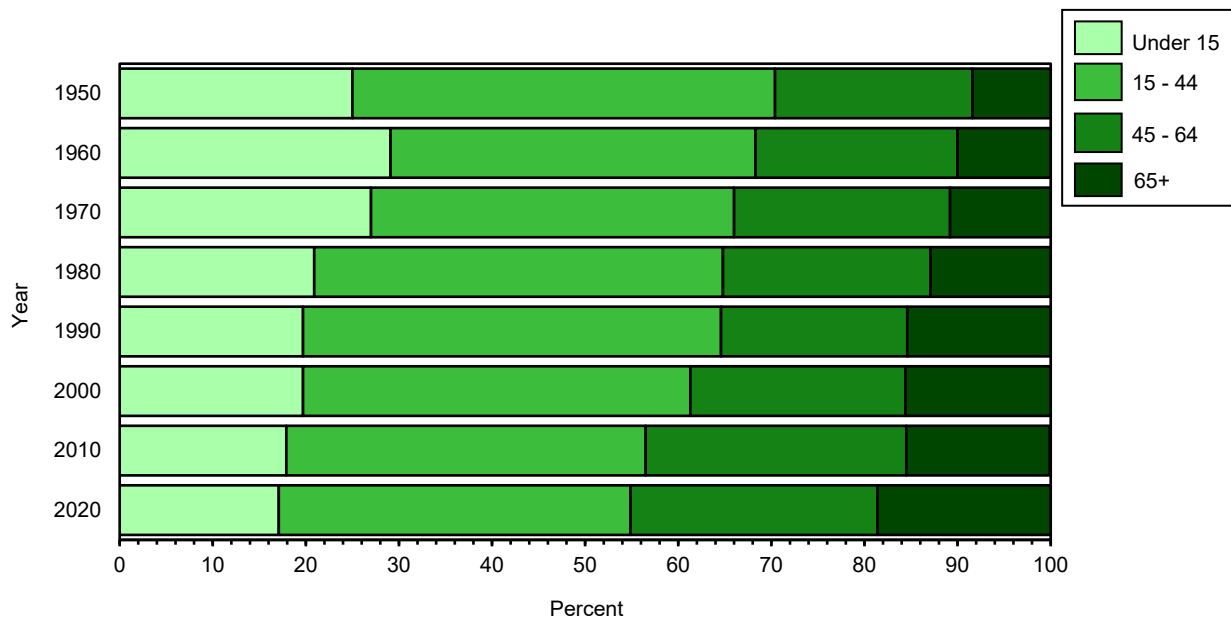


Table A-2  
**Population by Age, Race, and Hispanic Origin**  
**Pennsylvania, 2020**

Age Group (In Years)	Race					Hispanic Origin
	All Races	White	Black	Asian/ Pacific Islander	Multi-Race	
All Ages	12,989,625	10,552,324	1,580,489	513,939	288,433	1,055,549
Under 1 Year	129,694	96,352	19,664	6,135	6,497	18,460
1 - 4	566,246	410,343	90,687	27,711	32,769	82,626
5 - 9	737,159	537,387	118,818	35,366	40,527	101,304
10 - 14	787,549	592,926	118,291	32,231	40,084	100,721
15 - 19	823,486	633,375	117,907	35,744	32,508	94,003
20 - 24	793,694	609,900	117,712	36,279	26,116	85,604
25 - 29	837,930	638,394	132,184	40,720	22,442	85,546
30 - 34	872,696	679,240	124,979	47,013	17,414	84,175
35 - 39	821,993	656,467	102,530	45,387	13,804	79,981
40 - 44	757,413	608,100	94,606	39,683	11,620	71,296
45 - 49	767,324	628,694	89,493	36,413	9,787	60,156
50 - 54	839,686	705,045	92,629	30,607	8,521	51,562
55 - 59	920,283	789,775	93,439	26,629	7,555	44,122
60 - 64	917,363	800,663	85,153	22,666	6,295	33,497
65 - 69	789,207	698,630	65,511	18,388	4,818	23,550
70 - 74	630,076	563,881	47,604	13,897	3,325	16,920
75 - 79	419,441	377,510	29,984	9,068	2,046	10,162
80 - 84	278,463	251,551	19,629	5,482	1,247	6,160
85 and Over	299,922	274,091	19,669	4,520	1,058	5,704

Source: 2020 estimated population as prepared by the State Data Center of the Pennsylvania State University at Harrisburg.

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

Table A-3  
**Population by Age and Sex: Pennsylvania, 2010 and 2020**

Age Group (In Years)	Both Sexes		Male		Female	
	2020 Estimated Population	2010 Enumerated Population	2020 Estimated Population	2010 Enumerated Population	2020 Estimated Population	2010 Enumerated Population
All Ages	12,989,625	12,702,379	6,410,245	6,190,363	6,579,380	6,512,016
Under 1 Year	129,694	141,550	66,339	72,236	63,355	69,314
1 - 4	566,246	587,988	289,969	300,980	276,277	287,008
5 - 9	737,159	753,635	377,288	384,359	359,871	369,276
10 - 14	787,549	791,151	404,295	405,227	383,254	385,924
15 - 19	823,486	905,066	419,725	462,465	403,761	442,601
20 - 24	793,694	874,146	402,344	441,886	391,350	432,260
25 - 29	837,930	781,527	426,493	392,569	411,437	388,958
30 - 34	872,696	729,592	443,041	364,681	429,655	364,911
35 - 39	821,993	764,287	416,185	380,172	405,808	384,115
40 - 44	757,413	851,382	379,989	421,689	377,424	429,693
45 - 49	767,324	955,763	385,103	470,543	382,221	485,220
50 - 54	839,686	984,641	419,097	484,289	420,589	500,352
55 - 59	920,283	879,048	454,024	430,202	466,259	448,846
60 - 64	917,363	743,296	448,395	358,008	468,968	385,288
65 - 69	789,207	553,002	379,490	258,653	409,717	294,349
70 - 74	630,076	426,536	294,759	192,187	335,317	234,349
75 - 79	419,441	362,332	186,558	153,890	232,883	208,442
80 - 84	278,463	311,761	115,664	120,931	162,799	190,830
85 and Over	299,922	305,676	101,487	95,396	198,435	210,280

Source: 2010 population enumerated by the U.S. Bureau of the Census. 2020 estimated population as prepared by the State Data Center of the Pennsylvania State University at Harrisburg.

Figure A-2  
**Population by Age and Sex**  
**Pennsylvania, 2020**

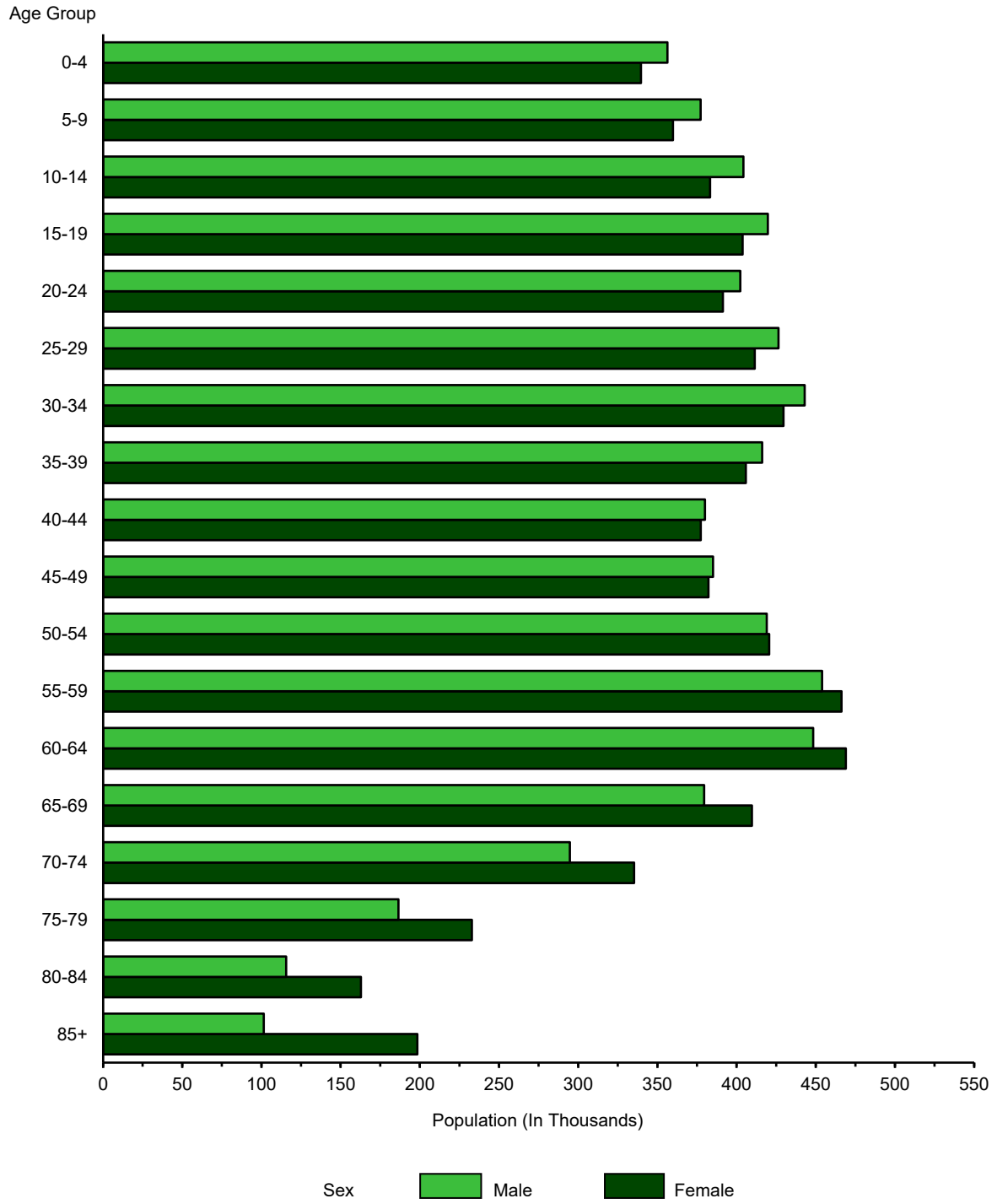




Table A-4  
**Population by County: Pennsylvania, 2010 and 2020**

County	2020 Estimated Population	2010 Enumerated Population	Percent Change 2010-2020	County	2020 Estimated Population	2010 Enumerated Population	Percent Change 2010-2020
Pennsylvania	12,989,625	12,702,379	2.3				
Adams	103,795	101,407	2.4	Lackawanna	215,516	214,437	0.5
Allegheny	1,248,717	1,223,348	2.1	Lancaster	552,597	519,445	6.4
Armstrong	65,445	68,941	-5.1	Lawrence	85,865	91,108	-5.8
Beaver	167,732	170,539	-1.6	Lebanon	143,242	133,568	7.2
Bedford	47,523	49,762	-4.5	Lehigh	374,504	349,497	7.2
Berks	428,694	411,442	4.2	Luzerne	325,057	320,918	1.3
Blair	122,518	127,089	-3.6	Lycoming	113,980	116,111	-1.8
Bradford	59,858	62,622	-4.4	McKean	40,306	43,450	-7.2
Bucks	646,008	625,249	3.3	Mercer	110,333	116,638	-5.4
Butler	193,851	183,862	5.4	Mifflin	46,073	46,682	-1.3
Cambria	132,957	143,679	-7.5	Monroe	168,248	169,842	-0.9
Cameron	4,519	5,085	-11.1	Montgomery	856,947	799,874	7.1
Carbon	64,751	65,249	-0.8	Montour	18,115	18,267	-0.8
Centre	157,929	153,990	2.6	Northampton	312,855	297,735	5.1
Chester	534,645	498,886	7.2	Northumberland	91,471	94,528	-3.2
Clarion	37,178	39,988	-7.0	Perry	45,821	45,969	-0.3
Clearfield	80,394	81,642	-1.5	Philadelphia	1,601,005	1,526,006	4.9
Clinton	37,350	39,238	-4.8	Pike	58,591	57,369	2.1
Columbia	64,667	67,295	-3.9	Potter	16,356	17,457	-6.3
Crawford	83,723	88,765	-5.7	Schuylkill	142,777	148,289	-3.7
Cumberland	259,996	235,406	10.4	Snyder	39,717	39,702	0.0
Dauphin	286,544	268,100	6.9	Somerset	73,917	77,742	-4.9
Delaware	576,388	558,979	3.1	Sullivan	5,838	6,428	-9.2
Elk	30,927	31,946	-3.2	Susquehanna	38,354	43,356	-11.5
Erie	270,427	280,566	-3.6	Tioga	40,969	41,981	-2.4
Fayette	128,393	136,606	-6.0	Union	42,625	44,947	-5.2
Forest	6,952	7,716	-9.9	Venango	50,275	54,984	-8.6
Franklin	155,874	149,618	4.2	Warren	38,480	41,815	-8.0
Fulton	14,549	14,845	-2.0	Washington	209,157	207,820	0.6
Greene	35,813	38,686	-7.4	Wayne	51,101	52,822	-3.3
Huntingdon	44,030	45,913	-4.1	Westmoreland	353,998	365,169	-3.1
Indiana	83,116	88,880	-6.5	Wyoming	26,001	28,276	-8.0
Jefferson	44,431	45,200	-1.7	York	456,389	434,972	4.9
Juniata	23,451	24,636	-4.8				

Source: 2010 population enumerated by the U.S. Bureau of the Census. 2020 estimated population as prepared by the State Data Center of the Pennsylvania State University at Harrisburg.

Figure A-3  
**Percent Population Change by County**  
**Pennsylvania, 2010 to 2020**

State Percent = 2.3

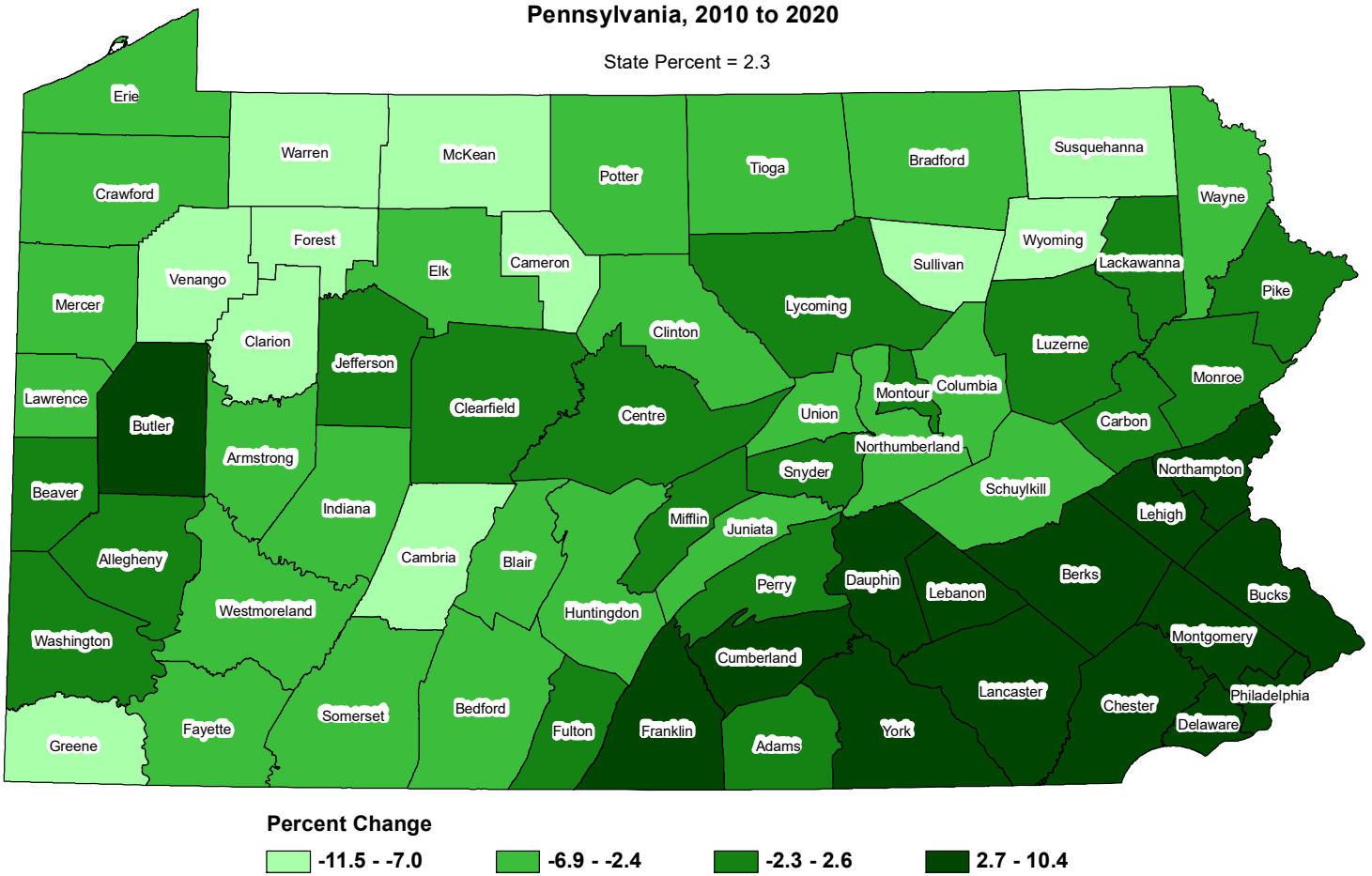


Table A-5A  
**Total Population by Age and County: Pennsylvania, 2020**

County	All Ages	Age Group (In Years)							
		Under 1	1 - 4	5 - 9	10 - 14	15 - 17	18 - 19	20 - 24	25 - 29
Pennsylvania	12,989,625	129,694	566,246	737,159	787,549	478,675	344,811	793,694	837,930
Adams	103,795	854	4,076	5,616	6,267	3,949	2,900	6,487	5,561
Allegheny	1,248,717	12,747	52,265	64,294	66,482	40,572	31,344	74,085	91,162
Armstrong	65,445	560	2,472	3,438	3,857	2,251	1,145	3,204	3,489
Beaver	167,732	1,539	6,741	8,937	9,694	5,785	3,423	8,430	9,718
Bedford	47,523	456	1,915	2,438	2,702	1,729	922	2,364	2,544
Berks	428,694	4,091	19,900	25,949	28,529	17,529	12,559	27,272	26,265
Blair	122,518	1,161	5,082	6,755	7,566	4,520	3,068	6,226	7,318
Bradford	59,858	639	2,714	3,760	3,921	2,214	1,178	3,012	3,379
Bucks	646,008	5,588	25,090	34,371	40,463	25,370	14,375	35,637	34,589
Butler	193,851	1,799	7,738	10,569	11,217	7,169	5,408	10,654	10,147
Cambria	132,957	1,197	5,181	6,959	7,619	4,783	3,750	8,053	6,984
Cameron	4,519	39	158	232	228	122	83	198	202
Carbon	64,751	529	2,433	3,219	3,845	2,348	1,260	3,128	3,405
Centre	157,929	1,093	4,756	6,498	7,002	4,337	10,961	25,429	10,415
Chester	534,645	5,250	23,485	32,686	36,765	22,662	15,233	31,909	29,398
Clarion	37,178	347	1,513	1,945	2,057	1,297	1,522	3,158	2,041
Clearfield	80,394	671	2,994	3,870	4,413	2,708	1,447	4,543	5,039
Clinton	37,350	413	1,558	2,002	2,289	1,403	1,338	3,654	2,188
Columbia	64,667	510	2,210	3,114	3,520	2,261	2,937	6,519	3,618
Crawford	83,723	848	3,670	4,598	5,061	3,147	2,342	4,875	4,642
Cumberland	259,996	2,624	11,206	14,840	15,664	9,254	7,804	16,064	15,871
Dauphin	286,544	3,299	14,026	18,155	18,609	10,810	6,239	16,417	20,174
Delaware	576,388	6,355	26,837	35,584	36,767	22,649	17,437	36,836	36,086
Elk	30,927	260	1,212	1,678	1,755	1,063	620	1,532	1,606
Erie	270,427	2,593	11,957	15,533	17,057	10,427	8,437	17,350	16,864
Fayette	128,393	1,243	5,248	6,775	7,103	4,460	2,396	6,667	7,890
Forest	6,952	18	22	35	41	164	127	566	667
Franklin	155,874	1,634	7,193	9,316	10,327	6,153	3,618	8,175	9,139
Fulton	14,549	143	585	763	888	525	290	783	804
Greene	35,813	323	1,442	1,959	2,023	1,240	1,008	2,211	2,213
Huntingdon	44,030	402	1,583	2,082	2,402	1,439	1,305	2,831	2,706
Indiana	83,116	776	3,128	4,023	4,442	2,754	4,169	8,898	4,574
Jefferson	44,431	457	2,003	2,680	2,782	1,670	999	2,170	2,468
Juniata	23,451	280	1,060	1,349	1,548	1,005	522	1,206	1,304
Lackawanna	215,516	2,018	9,044	12,297	13,230	8,026	5,905	12,755	12,525
Lancaster	552,597	6,563	28,429	35,609	37,362	22,085	14,739	33,298	35,613
Lawrence	85,865	850	3,626	4,618	5,055	3,182	2,005	4,761	4,838
Lebanon	143,242	1,464	6,797	9,125	9,729	5,647	3,517	8,450	8,165
Lehigh	374,504	3,805	18,509	23,296	24,922	15,145	9,964	23,437	23,898
Luzerne	325,057	3,050	14,230	17,773	18,785	11,908	8,319	19,110	20,219
Lycoming	113,980	1,140	4,869	6,529	6,962	4,157	3,158	6,814	6,905
McKean	40,306	369	1,504	2,204	2,429	1,515	1,159	2,443	2,358
Mercer	110,333	1,062	4,297	5,474	6,213	4,292	3,066	7,174	5,899
Mifflin	46,073	594	2,266	2,838	2,973	1,735	942	2,347	2,640
Monroe	168,248	1,383	6,406	8,362	10,134	6,714	5,332	11,443	9,766
Montgomery	856,947	8,417	37,447	50,657	55,268	33,515	19,790	47,106	50,192
Montour	18,115	191	792	1,037	996	680	358	799	1,100
Northampton	312,855	2,731	12,289	16,415	18,873	11,999	9,888	20,235	18,367
Northumberland	91,471	852	3,816	4,864	5,284	3,204	1,758	4,779	5,438
Perry	45,821	482	2,047	2,743	2,781	1,735	919	2,199	2,663
Philadelphia	1,601,005	19,305	81,063	99,633	94,270	53,331	43,466	106,715	151,241
Pike	58,591	401	1,953	2,434	3,270	2,160	1,243	3,020	2,833
Potter	16,356	160	618	923	989	627	338	768	850
Schuylkill	142,777	1,229	5,586	7,676	8,634	5,283	2,824	7,334	8,470
Snyder	39,717	409	1,737	2,153	2,432	1,615	1,712	2,875	2,097
Somerset	73,917	691	2,858	3,447	3,974	2,463	1,333	3,842	4,206
Sullivan	5,838	37	145	130	153	131	136	271	273
Susquehanna	38,354	348	1,497	1,882	2,204	1,321	704	1,807	1,950
Tioga	40,969	394	1,656	2,288	2,434	1,449	1,151	2,225	2,135
Union	42,625	388	1,570	2,035	2,181	1,560	2,078	3,617	2,394
Venango	50,275	437	1,920	2,556	2,887	1,769	1,004	2,364	2,540
Warren	38,480	373	1,635	2,014	2,190	1,318	761	1,855	1,997
Washington	209,157	1,991	8,467	11,373	12,076	7,367	5,109	11,687	11,287
Wayne	51,101	383	1,629	2,327	2,480	1,580	906	2,510	2,726
Westmoreland	353,998	2,803	12,609	17,661	19,695	12,285	7,525	18,259	18,873
Wyoming	26,001	225	952	1,344	1,562	972	637	1,488	1,392
York	456,389	4,411	20,530	27,420	30,217	18,136	10,899	25,364	27,610

Source: 2020 estimated population as prepared by the State Data Center of the Pennsylvania State University at Harrisburg.

Table A-5A (Continued)  
**Total Population by Age and County: Pennsylvania, 2020**

County	Age Group (In Years)								
	30 - 34	35 - 39	40 - 44	45 - 49	50 - 54	55 - 64	65 - 74	75 - 84	85+
Pennsylvania	872,696	821,993	757,413	767,324	839,686	1,837,646	1,419,283	697,904	299,922
Adams	5,741	5,730	5,468	6,114	7,223	16,026	13,016	6,342	2,425
Allegheny	98,373	85,854	71,850	68,717	75,122	175,636	141,239	67,290	31,685
Armstrong	3,409	3,653	3,708	4,081	4,557	10,794	8,695	4,394	1,738
Beaver	9,887	10,354	9,511	9,478	10,907	26,704	21,355	10,696	4,573
Bedford	2,459	2,424	2,597	2,957	3,323	7,648	6,104	3,549	1,392
Berks	26,983	26,023	24,811	25,811	28,389	59,817	43,780	21,359	9,627
Blair	7,507	7,220	7,167	7,297	7,966	17,859	14,899	7,614	3,293
Bradford	3,287	3,225	3,053	3,287	3,889	9,273	7,474	4,125	1,428
Bucks	36,434	39,812	38,463	40,660	46,767	103,898	73,722	35,480	15,289
Butler	11,613	12,109	11,569	11,955	14,016	30,097	22,564	10,720	4,507
Cambria	6,915	6,878	7,290	7,939	8,573	20,212	17,979	8,738	3,907
Cameron	195	226	198	245	300	798	779	354	162
Carbon	3,668	3,750	3,736	4,116	4,756	10,543	8,428	4,074	1,513
Centre	10,347	9,026	8,415	8,296	8,877	18,639	14,162	6,857	2,819
Chester	31,662	34,252	33,608	34,508	37,203	76,101	53,887	25,830	10,206
Clarion	2,174	1,920	1,862	2,132	2,364	5,354	4,377	2,259	856
Clearfield	4,775	4,831	4,879	5,393	5,869	12,244	9,595	5,075	2,048
Clinton	2,037	1,964	1,944	2,147	2,191	5,113	4,104	2,167	838
Columbia	3,507	3,454	3,323	3,771	4,063	9,063	7,530	3,726	1,541
Crawford	4,608	4,590	4,544	4,905	5,544	12,531	10,766	5,315	1,737
Cumberland	17,519	17,528	15,997	15,979	16,559	34,530	28,127	14,471	5,959
Dauphin	19,634	18,526	16,806	17,016	17,947	39,247	30,315	13,662	5,662
Delaware	38,592	38,102	34,877	33,243	36,480	79,987	56,749	26,703	13,104
Elk	1,476	1,624	1,567	1,888	2,394	5,283	4,012	2,084	873
Erie	17,911	16,459	15,098	15,475	16,922	37,870	30,395	14,000	6,079
Fayette	7,498	7,259	7,368	8,077	8,920	19,616	16,598	7,968	3,307
Forest	552	472	406	471	468	1,235	1,034	536	138
Franklin	9,487	9,339	8,973	9,785	10,297	21,592	17,414	9,580	3,852
Fulton	753	782	826	972	1,070	2,208	1,808	1,056	293
Greene	2,213	2,033	2,224	2,369	2,397	5,156	4,347	1,919	736
Huntingdon	2,772	2,543	2,552	2,790	2,948	6,342	5,489	2,830	1,014
Indiana	4,107	4,408	4,154	4,344	5,019	11,700	9,857	4,909	1,854
Jefferson	2,502	2,555	2,451	2,552	2,905	6,821	5,410	2,847	1,159
Juniata	1,322	1,290	1,345	1,394	1,530	3,473	2,720	1,503	600
Lackawanna	13,790	13,130	12,266	12,716	14,020	30,599	24,828	12,614	5,753
Lancaster	36,571	33,877	30,946	30,652	32,485	72,732	57,260	30,521	13,855
Lawrence	4,626	4,627	4,785	4,999	5,665	13,101	10,986	5,633	2,508
Lebanon	8,547	8,728	8,373	8,516	8,711	19,466	16,024	8,341	3,642
Lehigh	24,983	24,687	23,435	22,603	23,524	49,190	36,824	18,415	7,867
Luzerne	20,810	19,651	18,703	20,046	21,952	46,201	36,982	18,868	8,450
Lycoming	7,560	7,025	6,264	6,518	7,142	16,442	13,269	6,379	2,847
McKean	2,449	2,357	2,266	2,569	2,700	6,044	4,670	2,319	951
Mercer	5,763	6,031	5,932	6,504	7,324	16,816	13,882	7,292	3,312
Mifflin	2,544	2,474	2,420	2,664	3,098	6,575	5,488	3,196	1,279
Monroe	9,551	9,133	9,407	10,344	12,414	27,496	19,242	8,458	2,663
Montgomery	55,599	58,236	54,009	53,210	57,709	121,623	88,681	44,400	21,088
Montour	1,273	1,166	972	986	1,120	2,743	2,069	1,211	622
Northampton	19,378	19,003	18,193	19,011	21,052	44,786	34,905	17,552	8,178
Northumberland	5,621	5,578	5,174	5,510	6,071	13,798	11,384	5,830	2,510
Perry	2,770	2,739	2,697	2,871	3,298	7,061	5,623	2,389	804
Philadelphia	153,964	116,139	94,573	86,434	90,581	186,494	133,834	62,614	27,348
Pike	2,867	2,951	3,232	3,537	4,447	10,506	8,199	4,290	1,248
Potter	789	852	852	891	1,051	2,656	2,335	1,186	471
Schuylkill	8,519	8,696	8,444	9,352	10,191	21,182	17,223	8,539	3,595
Snyder	2,290	2,164	2,093	2,353	2,588	5,506	4,322	2,419	952
Somerset	4,156	4,328	4,378	4,848	5,021	11,547	9,770	4,873	2,182
Sullivan	291	285	322	325	378	1,249	1,014	517	181
Susquehanna	1,890	2,026	1,987	2,219	2,529	6,765	5,417	2,873	935
Tioga	2,296	2,323	2,165	2,274	2,651	6,331	5,279	2,940	978
Union	2,992	2,920	2,684	2,567	2,555	5,220	4,280	2,421	1,163
Venango	2,612	2,698	2,817	2,935	3,348	8,572	7,057	3,378	1,381
Warren	1,939	2,097	1,983	2,216	2,669	6,361	5,285	2,757	1,030
Washington	12,343	12,365	12,295	12,777	14,105	32,137	26,204	12,472	5,102
Wayne	3,005	2,977	2,806	3,105	3,568	8,576	7,571	3,781	1,171
Westmoreland	18,751	19,995	19,566	21,427	25,039	57,377	48,281	23,936	9,916
Wyoming	1,407	1,439	1,435	1,628	1,698	4,083	3,471	1,744	524
York	28,831	29,081	27,299	28,553	31,227	65,001	48,894	23,714	9,202

Source: 2020 estimated population as prepared by the State Data Center of the Pennsylvania State University at Harrisburg.

Table A-5B  
**Male Population by Age and County: Pennsylvania, 2020**

County	Age of Male (In Years)								
	All Ages	Under 1	1 - 4	5 - 9	10 - 14	15 - 17	18 - 19	20 - 24	25 - 29
Pennsylvania	6,410,245	66,339	289,969	377,288	404,295	245,525	174,200	402,344	426,493
Adams	51,509	438	2,072	2,898	3,214	2,020	1,451	3,285	2,830
Allegheny	609,195	6,508	26,799	32,858	34,138	20,728	15,664	36,732	46,066
Armstrong	32,799	286	1,247	1,780	1,959	1,166	589	1,668	1,802
Beaver	82,188	780	3,506	4,531	4,986	2,910	1,784	4,295	4,945
Bedford	23,841	235	994	1,253	1,365	907	491	1,224	1,302
Berks	212,631	2,105	10,168	13,263	14,808	8,931	6,256	13,862	13,500
Blair	60,425	594	2,573	3,509	3,934	2,335	1,629	3,177	3,754
Bradford	29,926	329	1,424	1,881	2,018	1,133	606	1,525	1,704
Bucks	319,515	2,859	12,887	17,478	20,728	12,995	7,622	18,164	17,531
Butler	96,911	919	3,990	5,485	5,730	3,730	2,659	5,388	5,373
Cambria	66,049	609	2,703	3,624	3,849	2,495	1,877	4,146	3,662
Cameron	2,291	22	89	115	115	73	46	95	105
Carbon	32,509	269	1,234	1,642	1,928	1,208	669	1,644	1,784
Centre	83,270	557	2,461	3,436	3,624	2,177	5,527	14,277	5,881
Chester	265,383	2,669	12,023	16,598	18,867	11,636	7,433	15,941	15,277
Clarion	18,381	170	809	1,023	1,064	618	690	1,526	1,053
Clearfield	42,703	338	1,553	1,986	2,315	1,350	802	2,759	2,948
Clinton	18,493	218	790	1,028	1,192	687	599	1,658	1,183
Columbia	31,423	261	1,131	1,575	1,804	1,103	1,261	2,978	1,885
Crawford	41,339	428	1,852	2,364	2,646	1,626	1,160	2,467	2,265
Cumberland	129,820	1,332	5,776	7,580	8,085	4,716	3,771	8,201	8,276
Dauphin	139,980	1,689	7,216	9,389	9,472	5,422	3,253	8,195	9,946
Delaware	279,171	3,260	13,795	18,150	18,627	11,879	8,844	18,329	17,825
Elk	15,662	135	624	866	901	552	326	781	830
Erie	134,472	1,335	6,105	7,941	8,762	5,384	4,259	8,951	8,699
Fayette	64,235	644	2,750	3,445	3,652	2,280	1,227	3,426	4,252
Forest	4,774	11	12	20	22	154	114	506	584
Franklin	77,016	826	3,664	4,811	5,317	3,228	1,892	4,055	4,662
Fulton	7,371	78	295	399	466	247	137	412	424
Greene	18,783	159	753	998	1,091	633	494	1,210	1,301
Huntingdon	23,520	202	794	1,030	1,233	704	631	1,552	1,648
Indiana	41,803	406	1,595	2,151	2,273	1,409	1,928	4,476	2,445
Jefferson	22,260	245	1,019	1,363	1,431	845	511	1,117	1,249
Juniata	11,824	143	533	679	773	518	282	620	681
Lackawanna	105,480	1,039	4,665	6,272	6,915	4,213	2,897	6,297	6,285
Lancaster	272,445	3,384	14,591	18,312	19,159	11,315	7,435	16,689	17,833
Lawrence	41,983	430	1,816	2,335	2,531	1,621	1,002	2,454	2,476
Lebanon	70,970	735	3,490	4,636	4,967	2,927	1,831	4,283	4,133
Lehigh	184,502	1,941	9,429	11,871	13,148	7,807	4,982	11,560	12,015
Luzerne	162,122	1,556	7,255	8,977	9,631	6,102	4,365	9,827	10,659
Lycoming	56,127	591	2,457	3,243	3,608	2,099	1,702	3,483	3,444
McKean	20,834	188	730	1,192	1,256	789	622	1,271	1,328
Mercer	54,899	542	2,160	2,907	3,170	2,317	1,620	3,756	3,076
Mifflin	22,721	308	1,183	1,387	1,509	888	507	1,195	1,353
Monroe	84,130	711	3,310	4,271	5,261	3,387	2,636	5,804	5,147
Montgomery	420,043	4,306	19,201	25,882	28,332	17,003	9,827	23,408	25,667
Montour	8,885	100	426	536	521	397	213	381	544
Northampton	155,042	1,399	6,217	8,550	9,615	6,157	5,193	10,654	9,495
Northumberland	46,415	426	1,987	2,515	2,718	1,720	935	2,630	2,890
Perry	23,365	236	1,031	1,413	1,513	947	512	1,160	1,374
Philadelphia	762,133	9,872	41,405	50,879	47,956	26,990	21,486	52,179	72,641
Pike	29,897	201	1,017	1,273	1,707	1,135	663	1,620	1,492
Potter	8,216	79	332	481	501	332	179	400	447
Schuylkill	73,712	630	2,879	3,940	4,457	2,760	1,526	3,970	4,812
Snyder	19,793	212	872	1,126	1,282	844	842	1,445	1,065
Somerset	38,927	361	1,475	1,725	2,030	1,279	702	2,221	2,516
Sullivan	3,040	19	76	69	79	80	103	163	151
Susquehanna	19,357	174	743	933	1,102	695	378	941	1,075
Tioga	20,501	206	890	1,228	1,238	733	553	1,105	1,058
Union	23,190	197	813	1,043	1,130	801	994	2,017	1,519
Venango	25,051	225	1,010	1,321	1,469	953	544	1,210	1,340
Warren	19,396	194	823	1,020	1,109	700	419	978	1,046
Washington	103,555	1,017	4,249	5,888	6,215	3,729	2,578	6,002	5,801
Wayne	27,283	197	799	1,204	1,305	832	488	1,403	1,610
Westmoreland	174,700	1,434	6,457	8,922	10,076	6,338	3,981	9,369	9,776
Wyoming	13,115	122	451	684	823	543	317	769	749
York	226,944	2,248	10,494	14,104	15,573	9,293	5,684	13,058	14,004

Source: 2020 estimated population as prepared by the State Data Center of the Pennsylvania State University at Harrisburg.

Table A-5B (Continued)  
**Male Population by Age and County: Pennsylvania, 2020**

County	Age of Male (In Years)								
	30 - 34	35 - 39	40 - 44	45 - 49	50 - 54	55 - 64	65 - 74	75 - 84	85+
Pennsylvania	443,041	416,185	379,989	385,103	419,097	902,419	674,249	302,222	101,487
Adams	2,900	2,926	2,800	3,056	3,579	7,965	6,260	2,899	916
Allegheny	49,965	44,009	36,283	34,372	36,826	84,429	65,699	27,832	10,287
Armstrong	1,752	1,844	1,864	2,077	2,319	5,538	4,346	1,959	603
Beaver	4,994	5,298	4,799	4,711	5,418	13,026	10,199	4,512	1,494
Bedford	1,330	1,218	1,306	1,463	1,728	3,892	2,993	1,617	523
Berks	13,656	12,947	12,429	12,842	14,136	29,879	21,089	9,391	3,369
Blair	3,807	3,644	3,570	3,745	4,005	8,843	7,049	3,205	1,052
Bradford	1,677	1,616	1,513	1,649	1,960	4,692	3,690	1,933	576
Bucks	18,478	19,857	19,282	20,348	23,184	51,472	35,581	15,674	5,375
Butler	5,933	6,191	5,952	6,108	7,009	15,106	11,021	4,752	1,565
Cambria	3,547	3,514	3,696	4,037	4,394	10,128	8,792	3,765	1,211
Cameron	110	114	106	136	151	394	412	158	50
Carbon	1,869	1,901	1,963	2,061	2,399	5,321	4,253	1,826	538
Centre	5,814	5,096	4,647	4,446	4,701	9,526	7,005	3,046	1,049
Chester	15,951	17,315	16,959	17,424	18,588	37,760	25,828	11,410	3,704
Clarion	1,131	959	913	1,072	1,171	2,700	2,160	1,003	319
Clearfield	2,800	2,833	2,689	3,041	3,202	6,381	4,734	2,267	705
Clinton	1,151	994	966	1,087	1,097	2,568	1,973	990	312
Columbia	1,821	1,707	1,713	1,911	2,090	4,438	3,611	1,574	560
Crawford	2,308	2,263	2,195	2,366	2,764	6,177	5,326	2,470	662
Cumberland	9,158	9,153	8,318	8,306	8,512	16,957	13,393	6,239	2,047
Dauphin	9,754	9,194	8,237	8,514	8,879	18,869	14,216	5,856	1,879
Delaware	18,666	18,605	16,997	16,316	17,849	38,344	26,231	11,133	4,321
Elk	800	852	784	956	1,229	2,770	2,023	940	293
Erie	9,073	8,350	7,607	7,797	8,507	18,792	14,646	6,174	2,090
Fayette	4,065	3,801	3,769	4,119	4,491	9,671	8,082	3,452	1,109
Forest	469	369	310	325	289	701	546	276	66
Franklin	4,682	4,630	4,421	4,961	5,240	10,697	8,291	4,263	1,376
Fulton	370	395	423	496	573	1,162	885	478	131
Greene	1,274	1,143	1,250	1,284	1,294	2,634	2,146	879	240
Huntingdon	1,701	1,510	1,488	1,635	1,658	3,290	2,759	1,299	386
Indiana	2,262	2,286	2,157	2,197	2,574	5,883	4,890	2,262	609
Jefferson	1,289	1,330	1,247	1,293	1,483	3,478	2,680	1,284	396
Juniata	682	660	697	696	807	1,763	1,375	693	222
Lackawanna	6,932	6,614	6,143	6,367	6,977	14,943	11,823	5,410	1,688
Lancaster	18,205	17,073	15,319	15,325	16,241	35,650	27,201	13,652	5,061
Lawrence	2,440	2,262	2,379	2,507	2,833	6,444	5,216	2,409	828
Lebanon	4,281	4,388	4,223	4,348	4,431	9,587	7,760	3,688	1,262
Lehigh	12,545	12,480	11,828	11,277	11,601	24,137	17,349	7,944	2,588
Luzerne	11,114	10,319	9,532	10,163	11,119	23,164	17,653	8,114	2,572
Lycoming	3,913	3,461	3,107	3,123	3,559	8,134	6,472	2,754	977
McKean	1,420	1,352	1,199	1,344	1,432	3,036	2,315	1,030	330
Mercer	3,001	3,054	3,023	3,322	3,717	8,347	6,673	3,129	1,085
Mifflin	1,312	1,251	1,198	1,325	1,538	3,325	2,567	1,449	426
Monroe	5,016	4,602	4,459	4,960	6,186	13,842	9,616	3,902	1,020
Montgomery	28,024	29,342	27,008	26,702	28,515	59,316	41,552	18,881	7,077
Montour	666	618	489	492	548	1,323	966	509	156
Northampton	9,840	9,727	8,930	9,511	10,584	22,115	16,558	7,751	2,746
Northumberland	3,023	2,927	2,743	2,879	3,183	6,893	5,529	2,563	854
Perry	1,433	1,391	1,381	1,445	1,710	3,586	2,874	1,102	257
Philadelphia	74,770	56,442	44,953	41,427	43,127	86,508	58,357	24,471	8,670
Pike	1,563	1,551	1,653	1,720	2,227	5,382	4,086	2,090	517
Potter	403	438	428	449	524	1,341	1,160	571	151
Schuylkill	4,798	4,747	4,547	5,099	5,362	10,885	8,385	3,794	1,121
Snyder	1,171	1,102	1,040	1,185	1,295	2,797	2,114	1,058	343
Somerset	2,436	2,458	2,503	2,678	2,745	5,920	4,949	2,170	759
Sullivan	151	142	169	172	209	628	512	253	64
Susquehanna	940	1,052	976	1,153	1,278	3,497	2,691	1,381	348
Tioga	1,180	1,137	1,111	1,134	1,331	3,133	2,680	1,377	407
Union	1,926	1,871	1,675	1,512	1,443	2,736	2,073	1,069	371
Venango	1,315	1,324	1,436	1,491	1,703	4,258	3,480	1,522	450
Warren	994	1,077	1,016	1,094	1,388	3,223	2,625	1,297	393
Washington	6,349	6,294	6,228	6,492	7,040	15,855	12,639	5,457	1,722
Wayne	1,816	1,699	1,635	1,772	1,927	4,490	3,784	1,884	438
Westmoreland	9,561	10,193	9,972	10,745	12,505	28,377	23,195	10,450	3,349
Wyoming	737	724	709	816	849	2,038	1,735	872	177
York	14,527	14,549	13,627	14,227	15,864	32,263	23,476	10,708	3,245

Source: 2020 estimated population as prepared by the State Data Center of the Pennsylvania State University at Harrisburg.

Table A-5C  
**Female Population by Age and County: Pennsylvania, 2020**

County	Age of Female (In Years)								
	All Ages	Under 1	1 - 4	5 - 9	10 - 14	15 - 17	18 - 19	20 - 24	25 - 29
Pennsylvania	6,579,380	63,355	276,277	359,871	383,254	233,150	170,611	391,350	411,437
Adams	52,286	416	2,004	2,718	3,053	1,929	1,449	3,202	2,731
Allegheny	639,522	6,239	25,466	31,436	32,344	19,844	15,680	37,353	45,096
Armstrong	32,646	274	1,225	1,658	1,898	1,085	556	1,536	1,687
Beaver	85,544	759	3,235	4,406	4,708	2,875	1,639	4,135	4,773
Bedford	23,682	221	921	1,185	1,337	822	431	1,140	1,242
Berks	216,063	1,986	9,732	12,686	13,721	8,598	6,303	13,410	12,765
Blair	62,093	567	2,509	3,246	3,632	2,185	1,439	3,049	3,564
Bradford	29,932	310	1,290	1,879	1,903	1,081	572	1,487	1,675
Bucks	326,493	2,729	12,203	16,893	19,735	12,375	6,753	17,473	17,058
Butler	96,940	880	3,748	5,084	5,487	3,439	2,749	5,266	4,774
Cambria	66,908	588	2,478	3,335	3,770	2,288	1,873	3,907	3,322
Cameron	2,228	17	69	117	113	49	37	103	97
Carbon	32,242	260	1,199	1,577	1,917	1,140	591	1,484	1,621
Centre	74,659	536	2,295	3,062	3,378	2,160	5,434	11,152	4,534
Chester	269,262	2,581	11,462	16,088	17,898	11,026	7,800	15,968	14,121
Clarion	18,797	177	704	922	993	679	832	1,632	988
Clearfield	37,691	333	1,441	1,884	2,098	1,358	645	1,784	2,091
Clinton	18,857	195	768	974	1,097	716	739	1,996	1,005
Columbia	33,244	249	1,079	1,539	1,716	1,158	1,676	3,541	1,733
Crawford	42,384	420	1,818	2,234	2,415	1,521	1,182	2,408	2,377
Cumberland	130,176	1,292	5,430	7,260	7,579	4,538	4,033	7,863	7,595
Dauphin	146,564	1,610	6,810	8,766	9,137	5,388	2,986	8,222	10,228
Delaware	297,217	3,095	13,042	17,434	18,140	10,770	8,593	18,507	18,261
Elk	15,265	125	588	812	854	511	294	751	776
Erie	135,955	1,258	5,852	7,592	8,295	5,043	4,178	8,399	8,165
Fayette	64,158	599	2,498	3,330	3,451	2,180	1,169	3,241	3,638
Forest	2,178	7	10	15	19	10	13	60	83
Franklin	78,858	808	3,529	4,505	5,010	2,925	1,726	4,120	4,477
Fulton	7,178	65	290	364	422	278	153	371	380
Greene	17,030	164	689	961	932	607	514	1,001	912
Huntingdon	20,510	200	789	1,052	1,169	735	674	1,279	1,058
Indiana	41,313	370	1,533	1,872	2,169	1,345	2,241	4,422	2,129
Jefferson	22,171	212	984	1,317	1,351	825	488	1,053	1,219
Juniata	11,627	137	527	670	775	487	240	586	623
Lackawanna	110,036	979	4,379	6,025	6,315	3,813	3,008	6,458	6,240
Lancaster	280,152	3,179	13,838	17,297	18,203	10,770	7,304	16,609	17,780
Lawrence	43,882	420	1,810	2,283	2,524	1,561	1,003	2,307	2,362
Lebanon	72,272	729	3,307	4,489	4,762	2,720	1,686	4,167	4,032
Lehigh	190,002	1,864	9,080	11,425	11,774	7,338	4,982	11,877	11,883
Luzerne	162,935	1,494	6,975	8,796	9,154	5,806	3,954	9,283	9,560
Lycoming	57,853	549	2,412	3,286	3,354	2,058	1,456	3,331	3,461
McKean	19,472	181	774	1,012	1,173	726	537	1,172	1,030
Mercer	55,434	520	2,137	2,567	3,043	1,975	1,446	3,418	2,823
Mifflin	23,352	286	1,083	1,451	1,464	847	435	1,152	1,287
Monroe	84,118	672	3,096	4,091	4,873	3,327	2,696	5,639	4,619
Montgomery	436,904	4,111	18,246	24,775	26,936	16,512	9,963	23,698	24,525
Montour	9,230	91	366	501	475	283	145	418	556
Northampton	157,813	1,332	6,072	7,865	9,258	5,842	4,695	9,581	8,872
Northumberland	45,056	426	1,829	2,349	2,566	1,484	823	2,149	2,548
Perry	22,456	246	1,016	1,330	1,268	788	407	1,039	1,289
Philadelphia	838,872	9,433	39,658	48,754	46,314	26,341	21,980	54,536	78,600
Pike	28,694	200	936	1,161	1,563	1,025	580	1,400	1,341
Potter	8,140	81	286	442	488	295	159	368	403
Schuylkill	69,065	599	2,707	3,736	4,177	2,523	1,298	3,364	3,658
Snyder	19,924	197	865	1,027	1,150	771	870	1,430	1,032
Somerset	34,990	330	1,383	1,722	1,944	1,184	631	1,621	1,690
Sullivan	2,798	18	69	61	74	51	33	108	122
Susquehanna	18,997	174	754	949	1,102	626	326	866	875
Tioga	20,468	188	766	1,060	1,196	716	598	1,120	1,077
Union	19,435	191	757	992	1,051	759	1,084	1,600	875
Venango	25,224	212	910	1,235	1,418	816	460	1,154	1,200
Warren	19,084	179	812	994	1,081	618	342	877	951
Washington	105,602	974	4,218	5,485	5,861	3,638	2,531	5,685	5,486
Wayne	23,818	186	830	1,123	1,175	748	418	1,107	1,116
Westmoreland	179,298	1,369	6,152	8,739	9,619	5,947	3,544	8,890	9,097
Wyoming	12,886	103	501	660	739	429	320	719	643
York	229,445	2,163	10,036	13,316	14,644	8,843	5,215	12,306	13,606

Source: 2020 estimated population as prepared by the State Data Center of the Pennsylvania State University at Harrisburg.

Table A-5C (Continued)  
**Female Population by Age and County: Pennsylvania, 2020**

County	Age of Female (In Years)								
	30 - 34	35 - 39	40 - 44	45 - 49	50 - 54	55 - 64	65 - 74	75 - 84	85+
Pennsylvania	429,655	405,808	377,424	382,221	420,589	935,227	745,034	395,682	198,435
Adams	2,841	2,804	2,668	3,058	3,644	8,061	6,756	3,443	1,509
Allegheny	48,408	41,845	35,567	34,345	38,296	91,207	75,540	39,458	21,398
Armstrong	1,657	1,809	1,844	2,004	2,238	5,256	4,349	2,435	1,135
Beaver	4,893	5,056	4,712	4,767	5,489	13,678	11,156	6,184	3,079
Bedford	1,129	1,206	1,291	1,494	1,595	3,756	3,111	1,932	869
Berks	13,327	13,076	12,382	12,969	14,253	29,938	22,691	11,968	6,258
Blair	3,700	3,576	3,597	3,552	3,961	9,016	7,850	4,409	2,241
Bradford	1,610	1,609	1,540	1,638	1,929	4,581	3,784	2,192	852
Bucks	17,956	19,955	19,181	20,312	23,583	52,426	38,141	19,806	9,914
Butler	5,680	5,918	5,617	5,847	7,007	14,991	11,543	5,968	2,942
Cambria	3,368	3,364	3,594	3,902	4,179	10,084	9,187	4,973	2,696
Cameron	85	112	92	109	149	404	367	196	112
Carbon	1,799	1,849	1,773	2,055	2,357	5,222	4,175	2,248	975
Centre	4,533	3,930	3,768	3,850	4,176	9,113	7,157	3,811	1,770
Chester	15,711	16,937	16,649	17,084	18,615	38,341	28,059	14,420	6,502
Clarion	1,043	961	949	1,060	1,193	2,654	2,217	1,256	537
Clearfield	1,975	1,998	2,190	2,352	2,667	5,863	4,861	2,808	1,343
Clinton	886	970	978	1,060	1,094	2,545	2,131	1,177	526
Columbia	1,686	1,747	1,610	1,860	1,973	4,625	3,919	2,152	981
Crawford	2,300	2,327	2,349	2,539	2,780	6,354	5,440	2,845	1,075
Cumberland	8,361	8,375	7,679	7,673	8,047	17,573	14,734	8,232	3,912
Dauphin	9,880	9,332	8,569	8,502	9,068	20,378	16,099	7,806	3,783
Delaware	19,926	19,497	17,880	16,927	18,631	41,643	30,518	15,570	8,783
Elk	676	772	783	932	1,165	2,513	1,989	1,144	580
Erie	8,838	8,109	7,491	7,678	8,415	19,078	15,749	7,826	3,989
Fayette	3,433	3,458	3,599	3,958	4,429	9,945	8,516	4,516	2,198
Forest	83	103	96	146	179	534	488	260	72
Franklin	4,805	4,709	4,552	4,824	5,057	10,895	9,123	5,317	2,476
Fulton	383	387	403	476	497	1,046	923	578	162
Greene	939	890	974	1,085	1,103	2,522	2,201	1,040	496
Huntingdon	1,071	1,033	1,064	1,155	1,290	3,052	2,730	1,531	628
Indiana	1,845	2,122	1,997	2,147	2,445	5,817	4,967	2,647	1,245
Jefferson	1,213	1,225	1,204	1,259	1,422	3,343	2,730	1,563	763
Juniata	640	630	648	698	723	1,710	1,345	810	378
Lackawanna	6,858	6,516	6,123	6,349	7,043	15,656	13,005	7,204	4,065
Lancaster	18,366	16,804	15,627	15,327	16,244	37,082	30,059	16,869	8,794
Lawrence	2,186	2,365	2,406	2,492	2,832	6,657	5,770	3,224	1,680
Lebanon	4,266	4,340	4,150	4,168	4,280	9,879	8,264	4,653	2,380
Lehigh	12,438	12,207	11,607	11,326	11,923	25,053	19,475	10,471	5,279
Luzerne	9,696	9,332	9,171	9,883	10,833	23,037	19,329	10,754	5,878
Lycoming	3,647	3,564	3,157	3,395	3,583	8,308	6,797	3,625	1,870
McKean	1,029	1,005	1,067	1,225	1,268	3,008	2,355	1,289	621
Mercer	2,762	2,977	2,909	3,182	3,607	8,469	7,209	4,163	2,227
Mifflin	1,232	1,223	1,222	1,339	1,560	3,250	2,921	1,747	853
Monroe	4,535	4,531	4,948	5,384	6,228	13,654	9,626	4,556	1,643
Montgomery	27,575	28,894	27,001	26,508	29,194	62,307	47,129	25,519	14,011
Montour	607	548	483	494	572	1,420	1,103	702	466
Northampton	9,538	9,276	9,263	9,500	10,468	22,671	18,347	9,801	5,432
Northumberland	2,598	2,651	2,431	2,631	2,888	6,905	5,855	3,267	1,656
Perry	1,337	1,348	1,316	1,426	1,588	3,475	2,749	1,287	547
Philadelphia	79,194	59,697	49,620	45,007	47,454	99,986	75,477	38,143	18,678
Pike	1,304	1,400	1,579	1,817	2,220	5,124	4,113	2,200	731
Potter	386	414	424	442	527	1,315	1,175	615	320
Schuylkill	3,721	3,949	3,897	4,253	4,829	10,297	8,838	4,745	2,474
Snyder	1,119	1,062	1,053	1,168	1,293	2,709	2,208	1,361	609
Somerset	1,720	1,870	1,875	2,170	2,276	5,627	4,821	2,703	1,423
Sullivan	140	143	153	153	169	621	502	264	117
Susquehanna	950	974	1,011	1,066	1,251	3,268	2,726	1,492	587
Tioga	1,116	1,186	1,054	1,140	1,320	3,198	2,599	1,563	571
Union	1,066	1,049	1,009	1,055	1,112	2,484	2,207	1,352	792
Venango	1,297	1,374	1,381	1,444	1,645	4,314	3,577	1,856	931
Warren	945	1,020	967	1,122	1,281	3,138	2,660	1,460	637
Washington	5,994	6,071	6,067	6,285	7,065	16,282	13,565	7,015	3,380
Wayne	1,189	1,278	1,171	1,333	1,641	4,086	3,787	1,897	733
Westmoreland	9,190	9,802	9,594	10,682	12,534	29,000	25,086	13,486	6,567
Wyoming	670	715	726	812	849	2,045	1,736	872	347
York	14,304	14,532	13,672	14,326	15,363	32,738	25,418	13,006	5,957

Source: 2020 estimated population as prepared by the State Data Center of the Pennsylvania State University at Harrisburg.



Table A-6  
**Population for Selected Municipalities: Pennsylvania, 2010 and 2020**

Municipality	2020 Estimated Population	2010 Enumerated Population	Percent Change 2010-2020
Allentown	125,971	118,032	6.7
Altoona	43,870	46,320	-5.3
Bethel Park	33,497	32,313	3.7
Bethlehem	75,629	74,982	0.9
Chambersburg	22,325	20,268	10.1
Chester	32,689	33,972	-3.8
Easton	27,990	26,800	4.4
Erie	94,639	101,786	-7.0
Harrisburg	50,069	49,528	1.1
Hazleton	29,857	25,340	17.8
Johnstown	18,370	20,978	-12.4
Lancaster	57,712	59,322	-2.7
Lebanon	26,729	25,477	4.9
Monroeville	28,625	28,386	0.8
Murrysville	20,931	20,079	4.2
New Castle	21,877	23,273	-6.0
Norristown	35,770	34,324	4.2
Philadelphia	1,601,005	1,526,006	4.9
Pittsburgh	302,777	305,704	-1.0
Plum	27,112	27,126	-0.1
Pottstown	23,436	22,377	4.7
Reading	94,981	88,082	7.8
Scranton	75,950	76,089	-0.2
State College	39,756	42,034	-5.4
West Mifflin	19,544	20,313	-3.8
Wilkes-Barre	44,409	41,498	7.0
Williamsport	27,708	29,381	-5.7
York	44,767	43,718	2.4

Source: 2010 population enumerated by the U.S. Bureau of the Census. 2020 estimated population as prepared by the State Data Data Center of the Pennsylvania State University at Harrisburg.

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

# B I R T H S

# LIST OF DATA TABLES AND ILLUSTRATIONS

<b>BIRTH DATA TABLES</b>	<b>PAGE</b>
Table B-1 Resident Live Births: Pennsylvania, 1915-2020.....	18
Table B-2 Live Birth Rate, General Fertility Rate and Total Fertility Rate: Pennsylvania and United States, 1950, 1955, 1960-2020 .....	19
Table B-3 Resident Live Births by Age of Mother, Number and Rate: Pennsylvania, 2020, 2010, 2000, 1990, 1980.....	21
Table B-4A Resident Live Births by Age, Race and Hispanic Origin of Mother, Pennsylvania, 2020.....	22
Table B-4B Resident Live Birth Rate by Age, Race and Hispanic Origin of Mother, Pennsylvania, 2020.....	22
Table B-5 Resident Live Births by Age of Mother and Birth Weight, Number and Percent: Pennsylvania, 2020.....	24
Table B-6 Resident Live Births by Birth Weight, Race and Hispanic Origin of Mother, Number and Percent: Pennsylvania, 2020.....	25
Table B-7A Resident Live Births by Pre-Pregnancy Weight Status and Age of Mother, Number and Percent: Pennsylvania, 2020.....	26
Table B-7B Resident Live Births by Pre-Pregnancy Weight Status, Race and Hispanic Origin of Mother, Number and Percent: Pennsylvania, 2020.....	26
Table B-8A Resident Live Births by Pre-Pregnancy Weight Status and Average Weight Gain, by Age of Mother, Number and Average: Pennsylvania, 2020 .....	27
Table B-8B Resident Live Births by Pre-Pregnancy Weight Status and Average Weight Gain, by Race and Hispanic Origin of Mother, Number and Average: Pennsylvania, 2020 .....	27
Table B-9A Resident Live Births by Age of Mother and Trimester of First Prenatal Visit, Number and Percent: Pennsylvania, 2020.....	28
Table B-9B Resident Live Births by Race and Hispanic Origin of Mother and Trimester of First Prenatal Visit, Number and Percent: Pennsylvania, 2020.....	28
Table B-10 Resident Live Births by Age of Mother and Number of Previous Pregnancies, Number and Percent: Pennsylvania, 2020.....	30
Table B-11 Resident Live Births by Age of Mother and Number of Previous Live Births, Number and Percent: Pennsylvania, 2020.....	30
Table B-12 Resident Live Births by Age and Marital Status of the Mother, Number and Percent: Pennsylvania, 2020.....	31
Table B-13 Resident Live Births by Age and Education of Mother, Number and Percent: Pennsylvania, 2020.....	31
Table B-14 Resident Live Births by Age of Mother and Type of Medical Condition, Number and Percent: Pennsylvania, 2020.....	32
Table B-15 Resident Live Births, Selected Congenital Anomalies by Type, Pennsylvania, 2020.....	32
Table B-16A Resident Live Births by Age of Mother and Method of Delivery, Number: Pennsylvania, 2020.....	33
Table B-16B Resident Live Births by Age of Mother and Method of Delivery, Percent: Pennsylvania, 2020.....	33

# LIST OF DATA TABLES AND ILLUSTRATIONS

<b>BIRTH DATA TABLES (CONTINUED)</b>	<b>PAGE</b>
Table B-17A Resident Live Births by Age of Mother and Principal Source of Payment, Number and Percent: Pennsylvania, 2020.....	34
Table B-17B Resident Live Births by Race and Hispanic Origin of Mother and Principal Source of Payment, Number and Percent: Pennsylvania, 2020.....	34
Table B-18 Resident Live Births to Mothers Who Breastfed by Age, Race and Hispanic Origin of Mother, Number and Percent: Pennsylvania, 2020.....	35
Table B-19 Resident Live Births to Mothers Who Received WIC Food by Age, Race and Hispanic Origin of Mother, Number and Percent: Pennsylvania, 2020 .....	35
Table B-20A Resident Live Births by Age of Mother and Smoking Status Prior and During Pregnancy, Number and Percent: Pennsylvania, 2020.....	36
Table B-20B Resident Live Births by Race and Hispanic Origin of Mother and Smoking Status Prior and During Pregnancy, Number and Percent: Pennsylvania, 2020.....	36
Table B-21A Resident Live Births by Age of Mother and Smoking Status During Pregnancy, Number and Percent: Pennsylvania, 2020.....	37
Table B-21B Resident Live Births by Race and Hispanic Origin of Mother and Smoking Status During Pregnancy, Number and Percent: Pennsylvania, 2020 .....	37
Table B-22 Resident Live Births by Race and Hispanic Origin of Mother by County, Total Births, Birth and General Fertility Rates: Pennsylvania, 2020.....	38
Table B-23 Resident Live Births by Race and Hispanic Origin of Mother by County, Number and Average Annual Rate: Pennsylvania, 2016-2020.....	40
Table B-24 Resident Live Births by Age of Mother and County, Pennsylvania, 2020 .....	44
Table B-25 Resident Live Births by Birth Weight and County, Number and Percent: Pennsylvania, 2020.....	46
Table B-26 Resident Live Births by Birth Weight and County, Number and Percent: Pennsylvania, Five-Year Summary, 2016-2020.....	48
Table B-27 Resident Live Births by Pre-Pregnancy Weight Status and County, Number and Percent: Pennsylvania, 2020.....	50
Table B-28 Resident Live Births by Education of Mother and County, Number and Percent: Pennsylvania, 2020 .....	52
Table B-29 Resident Live Births by Marital Status of Mother and County, Number and Percent: Pennsylvania, 2020 .....	54
Table B-30 Resident Live Births by Trimester of First Prenatal Visit and County, Number and Percent: Pennsylvania, 2020.....	56
Table B-31 Resident Live Births by Place of Delivery, Attendant at Birth, and County, Pennsylvania, 2020.....	58
Table B-32 Resident Live Births by Smoking Status During Pregnancy and County, Number and Percent: Pennsylvania, 2020.....	60
Table B-33 Resident Live Births by Race and Hispanic Origin of Mother for Selected Municipalities, Number and Rate: Pennsylvania, 2020 .....	62
Table B-34 Resident Live Births by Race and Hispanic Origin of Mother for Selected Municipalities, Number and Average Annual Rate: Pennsylvania, 2016-2020 .....	64

# LIST OF DATA TABLES AND ILLUSTRATIONS

<b>BIRTH DATA TABLES (CONTINUED)</b>	<b>PAGE</b>
Table B-35 Resident Live Births by Age of Mother for Selected Municipalities, Pennsylvania, 2020.....	66
Table B-36 Resident Live Births by Birth Weight for Selected Municipalities, Number and Percent: Pennsylvania, 2020.....	67
Table B-37 Resident Live Births by Education of Mother for Selected Municipalities, Number and Percent: Pennsylvania, 2020.....	68
Table B-38 Resident Live Births by Marital Status of Mother for Selected Municipalities, Number and Percent: Pennsylvania, 2020.....	69
Table B-39 Resident Live Births by Trimester of First Prenatal Visit for Selected Municipalities, Number and Percent: Pennsylvania, 2020 .....	70
Table B-40 Resident Live Births by Smoking Status During Pregnancy for Selected Municipalities, Number and Percent: Pennsylvania, 2020 .....	71
<b>BIRTH DATA ILLUSTRATIONS</b>	
<b>Figure B-1</b> Live Birth Rates, Pennsylvania and United States, 1950-2020 .....	20
<b>Figure B-2</b> General Fertility Rates, Pennsylvania and United States, 1950-2020.....	20
<b>Figure B-3</b> Resident Births, Percent by Age of Mother, Pennsylvania, 1980, 1990, 2000, 2010 and 2020 .....	21
<b>Figure B-4</b> Resident Birth Rates by Age, Race and Hispanic Origin of Mother, Pennsylvania, 2020.....	23
<b>Figure B-5</b> Resident Live Births, Percent with Very Low and Low Birth Weight by Age of Mother, Pennsylvania, 2020 .....	24
<b>Figure B-6</b> Resident Live Births, Percent with Very Low and Low Birth Weight by Race and Hispanic Origin of Mother, Pennsylvania, 2020 .....	25
<b>Figure B-7</b> Resident Live Births by Race, Hispanic Origin of Mother and Trimester of First Prenatal Visit, Pennsylvania, 2020.....	29
<b>Figure B-8</b> State Map: Resident Birth Rates by County, Pennsylvania, 2020.....	42
<b>Figure B-9</b> State Map: Resident Average Annual Birth Rates by County, Pennsylvania, 2016-2020 .....	42
<b>Figure B-10</b> State Map: General Fertility Rates by County, Pennsylvania Residents, 2020.....	43
<b>Figure B-11</b> Resident Birth Rates for Selected Municipalities, Pennsylvania, 2020 .....	63
<b>Figure B-12</b> Resident Average Annual Birth Rates for Selected Municipalities, Pennsylvania, 2016-2020 .....	65

Table B-1  
**Resident Live Births: Pennsylvania, 1915-2020**

Year	Number	Year	Number	Year	Number
2020	130,730				
2019	134,247	1984	156,799	1949	224,581
2018	135,677	1983	157,810	1948	227,227
2017	137,771	1982	161,561	1947	248,513
2016	139,356	1981	160,179	1946	218,376
2015	140,727	1980	158,670	1945	173,799
2014	142,113	1979	157,533	1944	178,370
2013	140,424	1978	151,438	1943	199,366
2012	140,873	1977	153,415	1942	197,177
2011	142,021	1976	148,004	1941	174,193
2010	142,370	1975	148,942	1940	165,456
2009	145,472	1974	151,458	1939	160,774
2008	148,934	1973	153,272	1938	165,708
2007	150,322	1972	163,110	1937	161,133
2006	148,706	1971	180,939	1936	159,393
2005	145,033	1970	192,154	1935	161,166
2004	144,194	1969	185,046	1934	160,238
2003	145,485	1968	185,729	1933	157,046
2002	142,380	1967	188,706	1932	168,834
2001	143,404	1966	195,869	1931	178,714
2000	145,874	1965	204,105	1930	189,458
1999	144,828	1964	218,515	1929	189,524
1998	145,606	1963	221,537	1928	200,769
1997	143,967	1962	226,393	1927	210,001
1996	147,890	1961	240,172	1926	207,696
1995	150,848	1960	241,099	1925	215,120
1994	156,431	1959	246,615	1924	223,103
1993	159,666	1958	249,810	1923	217,235
1992	163,523	1957	254,997	1922	214,348
1991	167,726	1956	248,019	1921	229,452
1990	171,532	1955	242,591	1920	220,462
1989	168,108	1954	245,521	1919	207,685
1988	165,169	1953	239,206	1918	220,170
1987	162,348	1952	239,964	1917	222,505
1986	160,336	1951	235,074	1916	217,449
1985	160,001	1950	221,635	1915	217,979

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

Table B-2  
**Live Birth Rate, General Fertility Rate and Total Fertility Rate**  
**Pennsylvania and United States, 1950, 1955, 1960-2020**

Year	Live Birth Rate*		General Fertility Rate*		Total Fertility Rate*	
	Pennsylvania	United States	Pennsylvania	United States	Pennsylvania	United States
2020	10.1	11.0	54.0	56.0	1,589.0	1,641.0
2019	10.5	11.4	56.3	58.3	1,647.0	1,706.0
2018	10.6	11.6	56.9	59.1	1,665.0	1,729.5
2017	10.8	11.8	57.8	60.3	1,693.0	1,765.5
2016	10.9	12.2	58.5	62.0	1,719.0	1,820.5
2015	11.0	12.4	58.6	62.5	1,736.0	1,843.5
2014	11.1	12.5	59.0	62.9	1,755.5	1,862.5
2013	11.0	12.4	58.2	62.5	1,747.0	1,857.5
2012	11.0	12.6	58.1	63.0	1,760.0	1,880.5
2011	11.1	12.7	58.4	63.2	1,784.0	1,894.5
2010	11.2	13.0	58.3	64.1	1,798.5	1,932.0
2009	11.5	13.5	58.5	66.7	1,828.5	2,007.0
2008	12.0	14.0	60.3	68.6	1,892.5	2,084.5
2007	12.1	14.3	60.6	69.5	1,911.5	2,122.0
2006	12.0	14.2	59.5	68.5	1,882.0	2,100.5
2005	11.7	14.0	58.0	66.7	1,844.5	2,053.5
2004	11.6	14.0	57.4	66.3	1,831.5	2,045.5
2003	11.8	14.1	57.8	66.1	1,844.0	2,042.5
2002	11.5	13.9	56.3	64.8	1,804.0	2,013.0
2001	11.7	14.1	56.5	65.3	1,808.5	2,034.0
2000	11.9	14.4	57.0	65.9	1,821.0	2,056.0
1999	12.1	14.5	57.8	65.9	1,795.0	2,075.0
1998	12.1	14.6	57.6	65.6	1,787.0	2,058.5
1997	12.0	14.5	56.4	65.0	1,743.0	2,032.5
1996	12.3	14.7	57.2	65.3	1,757.0	2,027.0
1995	12.5	14.8	57.9	65.6	1,769.5	2,019.0
1994	13.0	15.2	59.4	66.7	1,806.0	2,036.0
1993	13.3	15.5	60.2	67.6	1,821.5	2,046.0
1992	13.6	15.9	61.2	68.9	1,837.5	2,065.0
1991	14.0	16.3	62.5	69.6	1,860.5	2,073.0
1990	14.4	16.7	63.6	70.9	1,872.5	2,081.0
1989	14.0	16.4	61.0	69.2	1,778.0	2,014.0
1988	13.8	16.0	60.1	67.3	1,731.5	1,934.0
1987	13.6	15.7	59.4	65.8	1,693.5	1,872.0
1986	13.5	15.6	58.9	65.4	1,659.0	1,837.5
1985	13.5	15.8	58.8	66.3	1,642.0	1,844.0
1984	13.2	15.6	57.9	65.5	1,603.0	1,806.5
1983	13.3	15.6	59.2	65.7	1,633.0	1,799.0
1982	13.6	15.9	60.6	67.3	1,667.5	1,827.5
1981	13.5	15.8	60.7	67.3	1,654.5	1,812.0
1980	13.4	15.9	60.1	68.4	1,633.5	1,839.5
1979	13.4	15.6	60.4	67.2	1,672.0	1,808.0
1978	12.9	15.0	58.7	65.5	1,617.0	1,760.0
1977	13.0	15.1	59.8	66.8	1,620.5	1,789.5
1976	12.5	14.6	57.7	65.0	1,569.5	1,738.0
1975	12.6	14.6	58.7	66.0	1,600.5	1,774.0
1974	12.8	14.8	60.5	67.8	1,673.5	1,835.0
1973	12.9	14.8	61.7	68.8	1,734.5	1,879.0
1972	13.7	15.6	66.3	73.1	1,892.5	2,010.0
1971	15.1	17.2	75.4	81.6	2,188.5	2,266.5
1970	16.3	18.4	80.6	87.9	2,378.5	2,480.0
1969	15.7	17.9	76.6	86.1	2,245.0	2,455.5
1968	15.8	17.6	77.6	85.2	2,319.5	2,464.2
1967	16.2	17.8	80.0	87.2	2,444.5	2,557.7
1966	16.8	18.4	83.4	90.8	2,593.5	2,721.4
1965	17.7	19.4	87.6	96.3	2,754.5	2,912.6
1964	19.1	21.1	94.8	104.7	3,002.0	3,190.5
1963	19.4	21.7	96.2	108.3	3,072.5	3,318.8
1962	19.9	22.4	98.8	112.0	3,222.0	3,461.3
1961	20.9	23.3	104.1	117.1	3,390.5	3,620.3
1960	21.3	23.7	104.5	118.0	3,354.5	3,653.6
1955	21.8	25.0	100.1	118.3	3,020.0	3,573.7
1950	21.1	24.1	90.6	106.2	2,610.0	3,090.5

\* Live birth rates per 1,000 population.

NA = Not Available

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

Total fertility rate: See Technical Notes.

Figure B-1  
**Live Birth Rates**  
 Pennsylvania and United States, 1950-2020

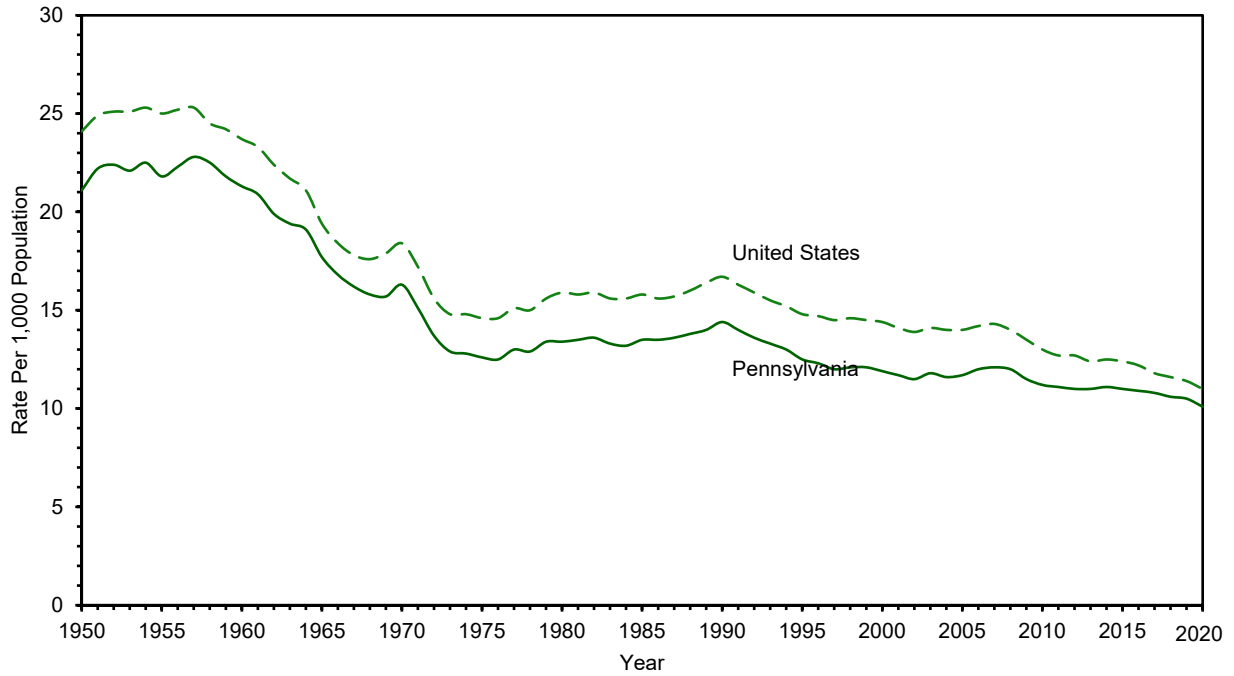


Figure B-2  
**General Fertility Rates**  
 Pennsylvania and United States, 1950-2020

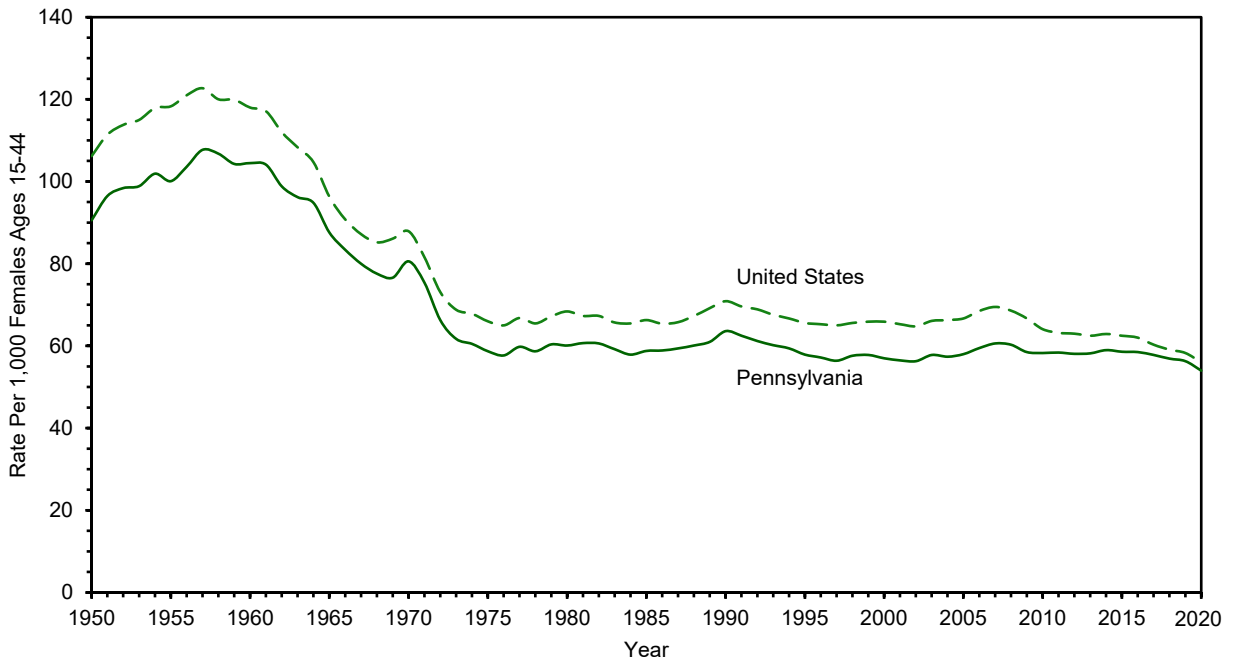




Table B-3  
**Resident Live Births by Age of Mother, Number and Rate\***  
**Pennsylvania, 2020, 2010, 2000, 1990 and 1980**

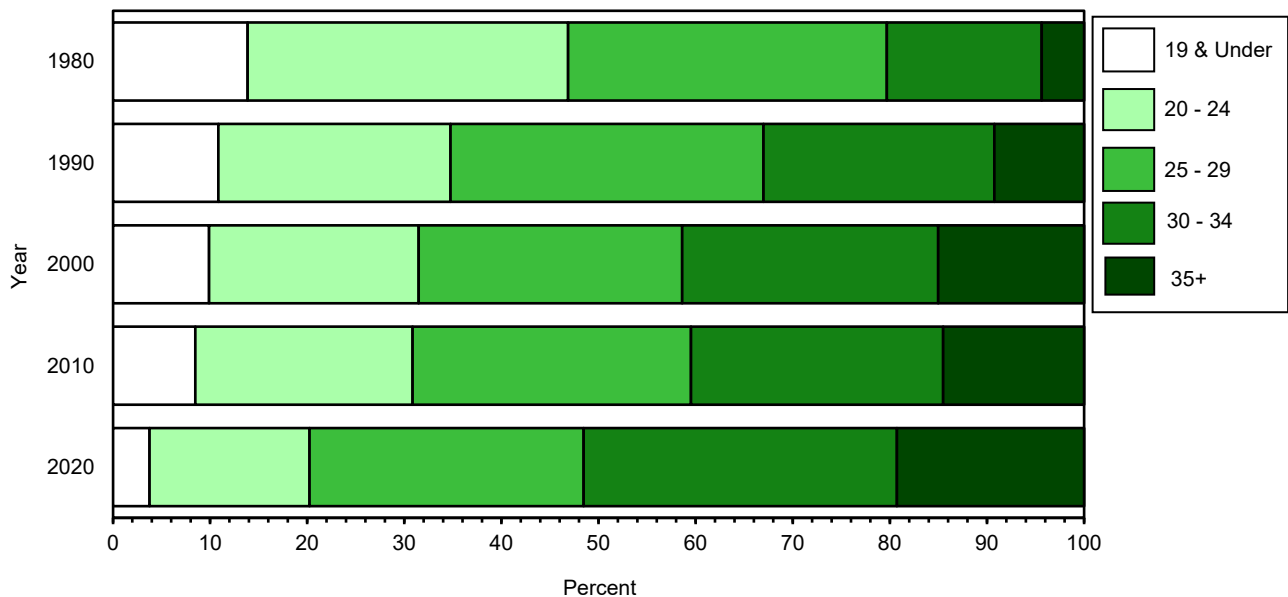
Age of Mother	2020		2010		2000		1990		1980	
	Number	Rate	Number	Rate	Number	Rate	Number	Rate	Number	Rate
All Ages	130,730	54.0	142,370	58.3	145,874	57.0	171,053	63.6	158,670	60.1
Under 15	57	0.1	153	0.4	293	0.7	437	1.2	324	0.7
15 - 19	4,877	12.1	11,929	27.0	14,146	33.9	18,139	45.1	21,683	40.5
20 - 24	21,529	55.0	31,821	73.6	31,492	84.4	40,880	94.5	52,371	97.5
25 - 29	36,894	89.7	40,782	104.8	39,586	108.0	55,132	118.5	52,077	109.3
30 - 34	42,157	98.1	36,962	101.3	38,444	92.1	40,659	80.8	25,306	58.6
35 - 39	20,867	51.4	16,672	43.4	18,303	37.9	13,856	29.7	5,958	17.0
40 - 44	4,050	10.7	3,694	8.6	3,460	6.9	1,888	4.5	898	2.9
45 & Over	281	0.7	272	0.6	150	0.3	62	0.2	53	0.2
Unknown	18	-	85	-	**	-	**	-	**	-

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

\*\* Births with unknown mother's age are included in the 25-29 year age group for 1990 and 2000, and in the 20-24 year age group for 1980.

Note: Unknowns excluded from calculations for 2010 and 2020.

Figure B-3  
**Resident Live Births, Percent by Age of Mother**  
**Pennsylvania, 1980, 1990, 2000, 2010 and 2020**



Note: Unknowns excluded from calculations for 2010 and 2020.

Table B-4A  
**Resident Live Births by Age, Race and Hispanic Origin of Mother**  
**Pennsylvania, 2020**

Age of Mother (In Years)	Race					Hispanic Origin
	All Races	White	Black	Asian/ Pacific Islander	Multi-Race	
All Ages	130,730	90,711	18,581	6,068	4,688	16,700
Under 15	57	21	17	0	10	18
15 - 19	4,877	2,348	1,271	39	400	1,412
20 - 24	21,529	13,183	4,162	381	1,250	4,416
25 - 29	36,894	25,411	5,716	1,412	1,378	4,799
30 - 34	42,157	31,466	4,570	2,571	995	3,681
35 - 39	20,867	15,363	2,218	1,385	534	1,865
40 - 44	4,050	2,727	582	256	111	469
45 & Over	281	178	42	24	10	38
Unknown	18	14	3	0	0	2

Note: Starting with 2013, the categorization for race data has changed. Please refer to Section J of the Technical Notes for further explanation.

Table B-4B  
**Resident Live Birth Rate\* by Age, Race and Hispanic Origin of Mother**  
**Pennsylvania, 2020**

Age of Mother (In Years)	Race					Hispanic Origin
	All Races	White	Black	Asian/ Pacific Islander	Multi-Race	
All Ages	54.0	48.3	54.3	48.4	74.5	69.4
Under 15	0.1	0.1	0.3	ND	0.5	0.4
15 - 19	12.1	7.6	22.2	2.2	24.8	31.0
20 - 24	55.0	43.7	73.2	20.7	95.7	106.8
25 - 29	89.7	81.2	89.0	68.2	120.7	116.5
30 - 34	98.1	94.8	73.0	105.7	111.2	93.4
35 - 39	51.4	47.8	42.6	59.9	73.9	48.8
40 - 44	10.7	9.1	11.9	12.4	18.2	13.4
45 & Over	0.7	0.6	0.9	1.3	1.9	1.3

\* Rate per 1,000 female population for each specified group, 2020. All ages includes females age 15-44 years; under 15 includes females age 10-14 years; and 45 & over includes females age 45-49 years.

Notes: Unknowns excluded from calculations.

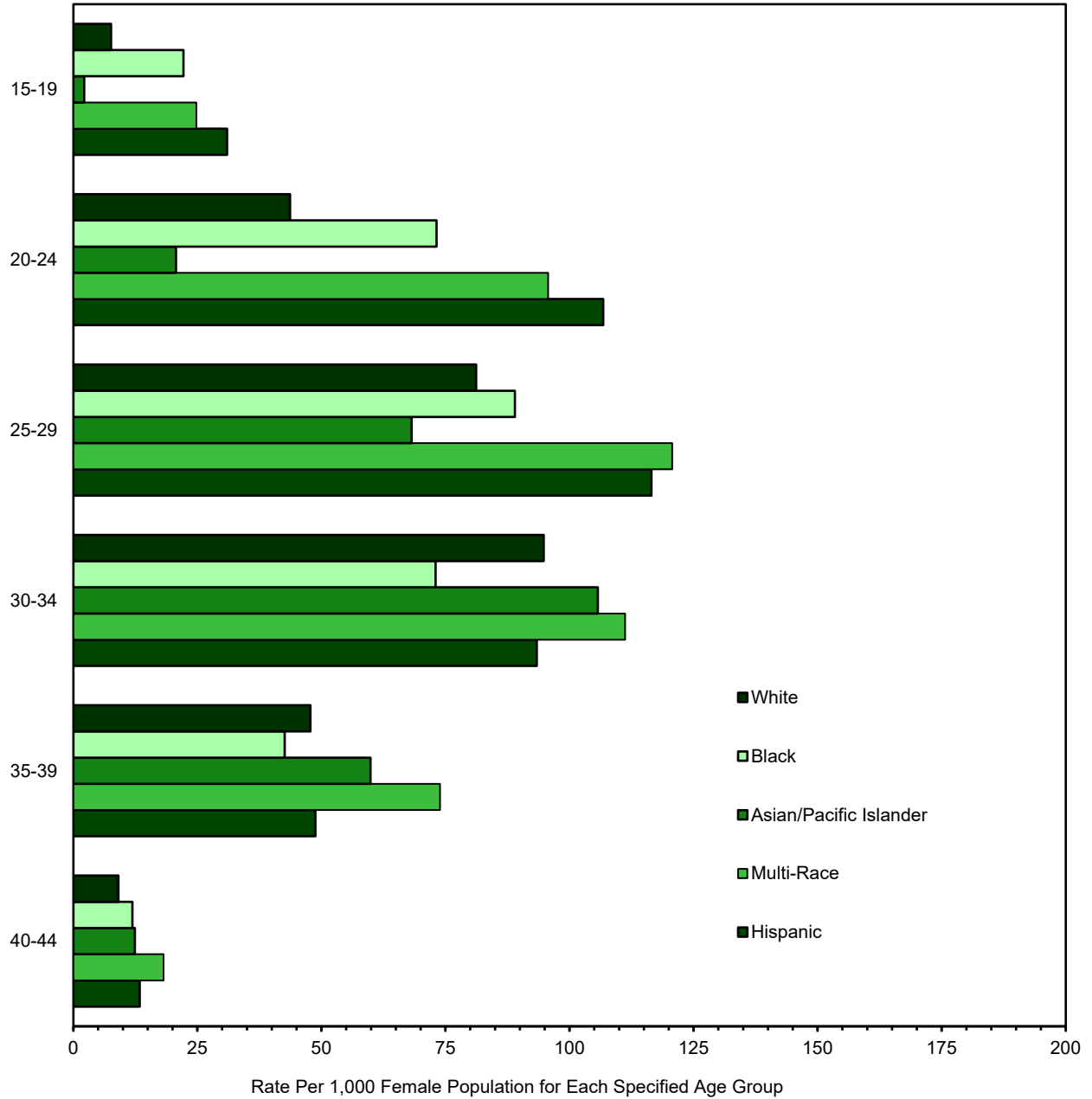
Hispanic origin can be of any race.

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

See Technical Notes. Starting with 2013, the categorization for race data has changed. Please refer to Section J of the Technical Notes for further explanation.

Figure B-4  
**Resident Birth Rates by Age, Race and Hispanic Origin of Mother**  
**Pennsylvania, 2020**

Age of Mother  
(In Years)



Notes: Hispanic origin can be of any race.  
Starting with 2013, the categorization for race data has changed. Please refer to Section J of the Technical Notes for further explanation.

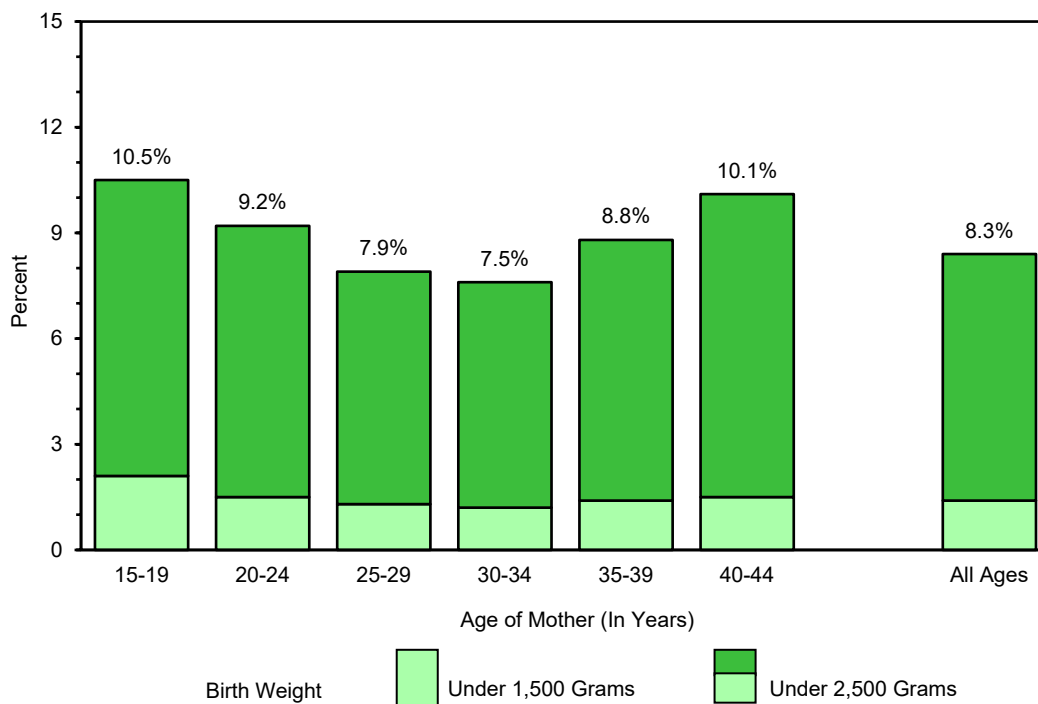
Table B-5  
**Resident Live Births by Age of Mother and Birth Weight  
 Number and Percent\*: Pennsylvania, 2020**

Age of Mother (In Years)	Total Births	Birth Weight								
		< 1,500 Grams		1,500 - 2,499 Grams		2,500 - 3,999 Grams		4,000 Grams and Over		Unknown Weight
		Number	%	Number	%	Number	%	Number	%	Number
All Ages	130,730	1,772	1.4	9,082	7.0	109,020	83.6	10,598	8.1	258
Under 15	57	1	ND	8	ND	47	83.9	0	ND	1
15 - 19	4,877	101	2.1	409	8.4	4,160	85.5	198	4.1	9
20 - 24	21,529	321	1.5	1,655	7.7	18,141	84.5	1,362	6.3	50
25 - 29	36,894	490	1.3	2,414	6.6	30,960	84.1	2,952	8.0	78
30 - 34	42,157	501	1.2	2,676	6.4	35,171	83.6	3,739	8.9	70
35 - 39	20,867	290	1.4	1,547	7.4	17,001	81.6	1,987	9.5	42
40 - 44	4,050	59	1.5	349	8.6	3,299	81.6	336	8.3	7
45 & Over	281	9	ND	22	7.8	228	81.1	22	7.8	0
Unknown	18	0	ND	2	ND	13	76.5	2	ND	1

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

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

Figure B-5  
**Resident Live Births, Percent with Very Low and Low Birth Weight  
 by Age of Mother, Pennsylvania, 2020**



Note: The State percentages for very low birth weight (under 1,500 grams) and low birth weight (under 2,500 grams) are 1.4 and 8.3 percent, respectively. Unknowns excluded from calculations.

Table B-6  
**Resident Live Births by Birth Weight, Race and Hispanic Origin of Mother**  
**Number and Percent\*: Pennsylvania, 2020**

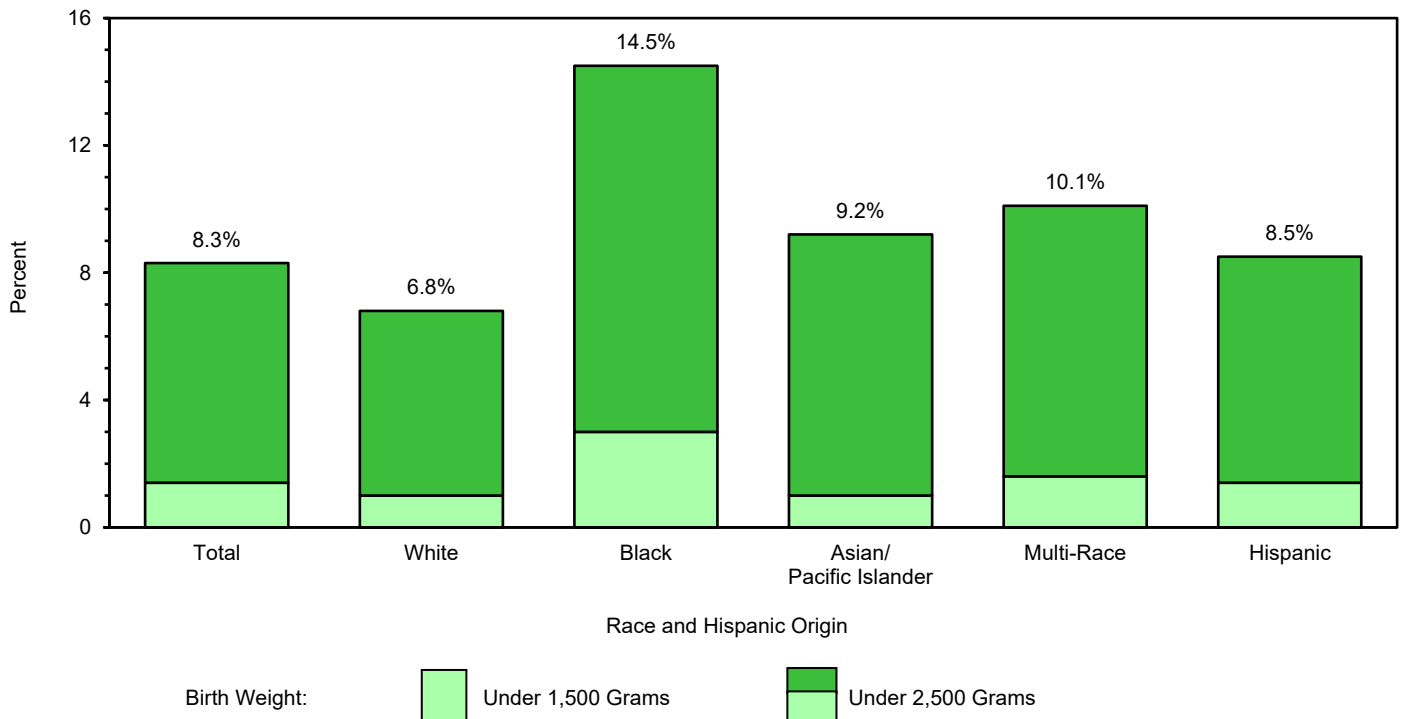
Birth Weight (In Grams)	Race											
	Total Births		White		Black		Asian/ Pacific Islander		Multi-Race		Hispanic Origin	
	Number	%	Number	%	Number	%	Number	%	Number	%	Number	%
Total	130,730		90,711		18,581		6,068		4,688		16,700	
Very Low Birth Weight (Under 1,500 Grams)	1,772	1.4	897	1.0	552	3.0	62	1.0	77	1.6	241	1.4
Low Birth Weight (Under 2,500 Grams)	10,854	8.3	6,161	6.8	2,688	14.5	559	9.2	475	10.1	1,419	8.5
2500+ Grams	119,618	91.7	84,389	93.2	15,861	85.5	5,499	90.8	4,207	89.9	15,267	91.5
Unknown	258		161		32		10		6		14	

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

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

Starting with 2013, the categorization for race data has changed. Please refer to Section J of the Technical Notes for further explanation.

Figure B-6  
**Resident Live Births, Percent with Very Low and Low Birth Weight**  
**by Race and Hispanic Origin of Mother, Pennsylvania, 2020**



Notes: Hispanic origin can be of any race.

Unknowns excluded from calculations.

Starting with 2013, the categorization for race data has changed. Please refer to Section J of the Technical Notes for further explanation.

Table B-7A  
**Resident Live Births by Pre-Pregnancy Weight Status\* and Age of Mother**  
**Number and Percent: Pennsylvania, 2020**

Age of Mother (In Years)	Total Births	Underweight		Normal Weight		Overweight		Obese		Unknown Number
		Number	%	Number	%	Number	%	Number	%	
All Ages	130,730	3,569	2.9	52,803	42.7	32,203	26.0	35,158	28.4	6,997
Under 15	57	10	20.0	25	50.0	12	24.0	3	ND	7
15-19	4,877	363	7.9	2,326	50.5	976	21.2	938	20.4	274
20-24	21,529	963	4.7	8,535	41.7	5,079	24.8	5,912	28.9	1,040
25-29	36,894	1,002	2.9	14,230	40.6	9,070	25.9	10,760	30.7	1,832
30-34	42,157	815	2.0	17,647	44.2	10,623	26.6	10,800	27.1	2,272
35-39	20,867	341	1.7	8,422	43.0	5,313	27.1	5,527	28.2	1,264
40-44	4,050	69	1.8	1,504	39.9	1,053	27.9	1,147	30.4	277
45 & Over	281	6	ND	110	43.5	71	28.1	66	26.1	28
Unknown	18	0	ND	4	ND	6	ND	5	ND	3

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

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

See Technical Notes. Unknowns excluded from calculations.

Table B-7B  
**Resident Live Births by Pre-Pregnancy Weight Status\*, Race, and Hispanic Origin of Mother**  
**Number and Percent: Pennsylvania, 2020**

Race and Hispanic Origin of Mother	Total Births	Underweight		Normal Weight		Overweight		Obese		Unknown Number
		Number	%	Number	%	Number	%	Number	%	
All Races	130,730	3,569	2.9	52,803	42.7	32,203	26.0	35,158	28.4	6,997
White	90,711	2,236	2.6	38,896	45.0	22,155	25.6	23,230	26.9	4,194
Black	18,581	483	2.8	5,294	30.7	4,634	26.9	6,813	39.6	1,357
Asian/ Pacific Islander	6,068	352	6.3	3,215	57.8	1,383	24.9	614	11.0	504
Multi-Race	4,688	170	3.7	1,692	37.1	1,178	25.8	1,519	33.3	129
Hispanic Origin	16,700	491	3.1	5,758	36.1	4,525	28.4	5,167	32.4	759

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

Notes: Hispanic origin can be of any race.

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

See Technical Notes. Unknowns excluded from calculations.

Starting with 2013, the categorization for race data has changed. Please refer to Section J of the Technical Notes for further explanation.

Table B-8A  
**Resident Live Births by Pre-Pregnancy Weight Status\* and Average Weight Gain\*\* by Age of Mother  
 Number and Average: Pennsylvania, 2020**

Age of Mother (In Years)	Total Births	All Weights		Underweight		Normal Weight		Overweight		Obese		Unknown Number
		Number	Avg Wt	Number	Avg Wt	Number	Avg Wt	Number	Avg Wt	Number	Avg Wt	
All Ages	130,730	120,466	30.4	3,480	34.0	51,441	33.6	31,325	31.8	34,220	23.8	10,264
Under 15	57	47	30.8	9	ND	24	34.0	11	25.8	3	ND	10
15-19	4,877	4,480	32.8	359	35.4	2,257	34.1	946	32.9	918	28.4	397
20-24	21,529	19,975	31.0	945	34.3	8,325	34.3	4,945	32.1	5,760	24.5	1,554
25-29	36,894	34,119	30.1	974	33.7	13,850	33.7	8,826	31.7	10,469	23.5	2,775
30-34	42,157	38,824	30.2	790	33.6	17,209	33.3	10,315	31.7	10,510	23.4	3,333
35-39	20,867	19,101	30.2	330	32.7	8,218	33.4	5,180	31.6	5,373	23.8	1,766
40-44	4,050	3,660	29.5	67	34.5	1,448	33.0	1,026	31.3	1,119	22.9	390
45 & Over	281	245	28.0	6	ND	106	30.9	70	26.1	63	24.6	36
Unknown	18	15	26.9	0	ND	4	ND	6	ND	5	ND	3

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

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

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

Table B-8B  
**Resident Live Births by Pre-Pregnancy Weight Status\* and Average Weight Gain\*\*  
 by Race and Hispanic Origin of Mother, Number and Average: Pennsylvania, 2020**

Race and Hispanic Origin of Mother	Total Births	All Weights		Underweight		Normal Weight		Overweight		Obese		Unknown Number
		Number	Avg Wt	Number	Avg Wt	Number	Avg Wt	Number	Avg Wt	Number	Avg Wt	
All Races	130,730	120,466	30.4	3,480	34.0	51,441	33.6	31,325	31.8	34,220	23.8	10,264
White	90,711	84,202	31.1	2,180	34.1	37,884	34.0	21,549	32.9	22,589	24.2	6,509
Black	18,581	16,757	28.5	472	34.7	5,154	33.9	4,507	29.7	6,624	23.0	1,824
Asian/ Pacific Islander	6,068	5,400	28.3	342	31.6	3,126	30.1	1,336	25.8	596	22.4	668
Multi-Race	4,688	4,437	30.5	165	33.8	1,652	34.0	1,143	32.4	1,477	24.8	251
Hispanic Origin	16,700	15,658	29.0	485	34.8	5,640	32.8	4,439	29.8	5,094	23.7	1,042

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

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

Notes: Hispanic origin can be of any race.

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

Unknowns excluded from calculations.

Starting with 2013, the categorization for race data has changed. Please refer to Section J of the Technical Notes for further explanation.

Table B-9A  
**Resident Live Births by Age of Mother and Trimester of First Prenatal Visit  
 Number and Percent\*: Pennsylvania, 2020**

Age of Mother (In Years)	Total Births	Trimester in Pregnancy						Unknown Number	No Prenatal Visits	
		1st Trimester		2nd Trimester		3rd Trimester			Number	%
		Number	%	Number	%	Number	%			
All Ages	130,730	92,945	73.7	24,176	19.2	6,673	5.3	4,668	2,268	1.8
Under 15	57	20	37.0	19	35.2	11	20.4	3	4	ND
15 - 19	4,877	2,722	58.3	1,356	29.0	421	9.0	208	170	3.6
20 - 24	21,529	13,502	65.3	5,189	25.1	1,497	7.2	858	483	2.3
25 - 29	36,894	26,054	73.2	7,070	19.9	1,844	5.2	1,317	609	1.7
30 - 34	42,157	31,981	78.5	6,450	15.8	1,705	4.2	1,409	612	1.5
35 - 39	20,867	15,691	77.9	3,219	16.0	931	4.6	722	304	1.5
40 - 44	4,050	2,799	71.4	806	20.6	240	6.1	129	76	1.9
45 & Over	281	168	64.1	62	23.7	23	8.8	19	9	ND
Unknown	18	8	ND	5	ND	1	ND	3	1	ND

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

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

Table B-9B  
**Resident Live Births by Race and Hispanic Origin of Mother and Trimester  
 of First Prenatal Visit, Number and Percent\*: Pennsylvania, 2020**

Race and Hispanic Origin of Mother	Total Births	Trimester in Pregnancy						Unknown Number	No Prenatal Visits	
		1st Trimester		2nd Trimester		3rd Trimester			Number	%
		Number	%	Number	%	Number	%			
All Races	130,730	92,945	73.7	24,176	19.2	6,673	5.3	4,668	2,268	1.8
White	90,711	67,943	77.2	15,168	17.2	3,947	4.5	2,689	964	1.1
Black	18,581	11,313	64.8	4,255	24.4	1,211	6.9	1,111	691	4.0
Asian/ Pacific Islander	6,068	4,386	74.9	1,017	17.4	364	6.2	214	87	1.5
Multi-Race	4,688	3,023	67.0	1,066	23.6	310	6.9	175	114	2.5
Hispanic Origin	16,700	10,508	65.3	3,948	24.5	1,143	7.1	616	485	3.0

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

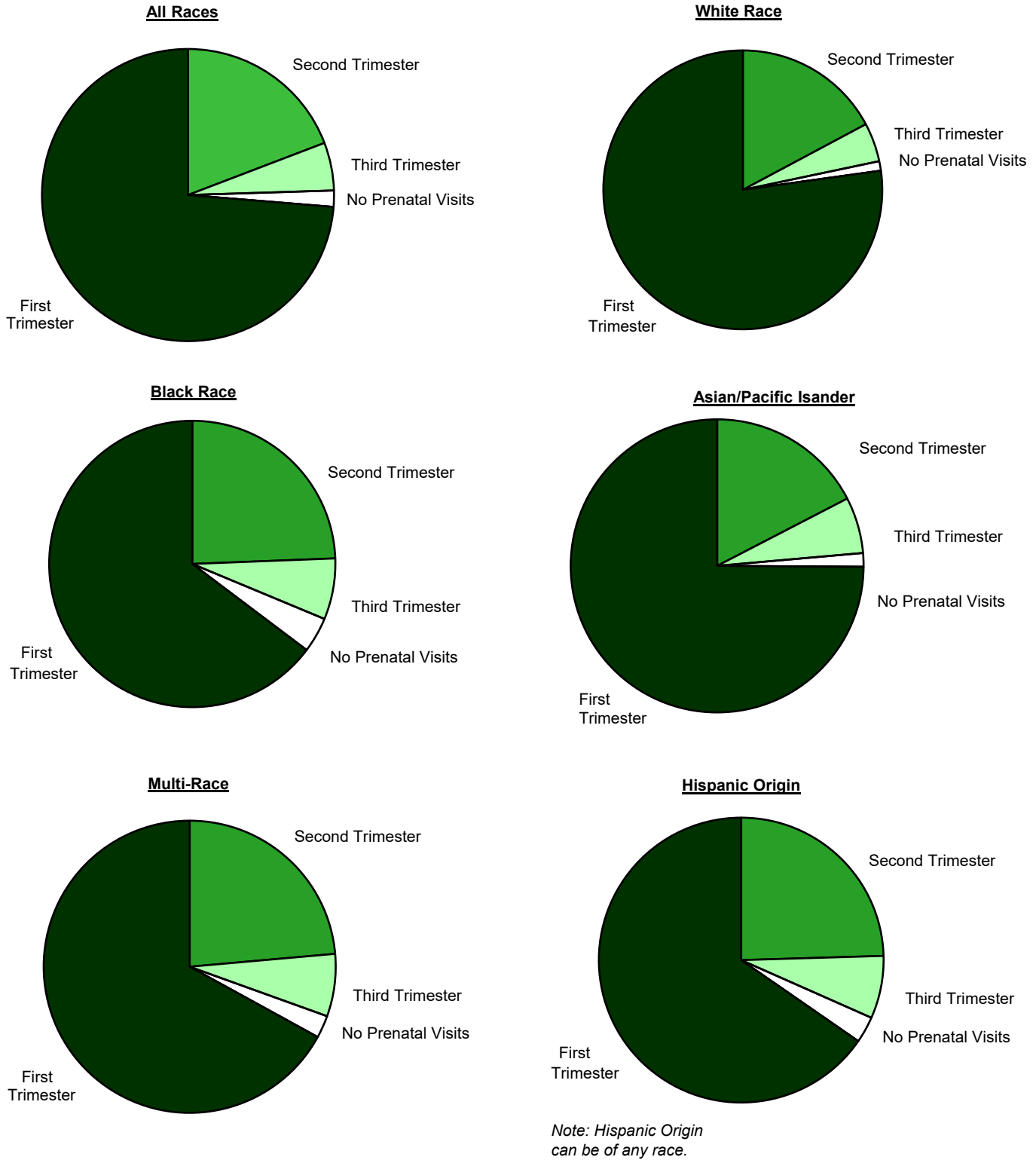
Notes: Hispanic origin can be of any race.

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

Starting with 2013, the categorization for race data has changed. Please refer to Section J of the Technical Notes for further explanation.



Figure B-7  
**Resident Live Births by Race, Hispanic Origin of Mother and  
 Trimester of First Prenatal Visit, Pennsylvania, 2020**



Note: Starting with 2003, the collection process for prenatal care data has changed. Please refer to Section F of the Technical Notes for further explanation. Starting with 2013, the categorization for race data has changed. Please refer to Section J of the Technical Notes for further explanation.

Table B-10  
**Resident Live Births by Age of Mother and Number of Previous Pregnancies**  
**Number and Percent\*: Pennsylvania, 2020**

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	130,730	38,557	29.7	35,673	27.5	23,828	18.3	13,868	10.7	17,959	13.8	845
Under 15	57	57	100.0	0	ND	0	ND	0	ND	0	ND	0
15 - 19	4,877	3,681	75.8	921	19.0	207	4.3	35	0.7	9	ND	24
20 - 24	21,529	9,394	44.0	6,630	31.0	3,248	15.2	1,308	6.1	790	3.7	159
25 - 29	36,894	11,462	31.3	10,148	27.7	6,895	18.8	4,011	10.9	4,150	11.3	228
30 - 34	42,157	10,272	24.5	12,186	29.1	8,143	19.4	4,854	11.6	6,450	15.4	252
35 - 39	20,867	3,227	15.6	5,051	24.4	4,539	21.9	3,001	14.5	4,910	23.7	139
40 - 44	4,050	424	10.6	692	17.2	750	18.7	623	15.5	1,525	38.0	36
45 & Over	281	39	14.1	41	14.9	42	15.2	35	12.7	119	43.1	5
Unknown	18	1	ND	4	ND	4	ND	1	ND	6	ND	2

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

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

Table B-11  
**Resident Live Births by Age of Mother and Number of Previous Live Births**  
**Number and Percent\*: Pennsylvania, 2020**

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	130,730	49,979	38.4	41,946	32.2	21,629	16.6	9,085	7.0	7,511	5.8	580
Under 15	57	57	100.0	0	ND	0	ND	0	ND	0	ND	0
15 - 19	4,877	4,189	86.2	605	12.4	61	1.3	5	ND	0	ND	17
20 - 24	21,529	11,875	55.4	6,666	31.1	2,206	10.3	534	2.5	147	0.7	101
25 - 29	36,894	14,580	39.7	11,913	32.4	6,320	17.2	2,512	6.8	1,416	3.9	153
30 - 34	42,157	13,672	32.6	14,728	35.1	7,501	17.9	3,325	7.9	2,760	6.6	171
35 - 39	20,867	4,784	23.0	6,895	33.2	4,647	22.4	2,146	10.3	2,290	11.0	105
40 - 44	4,050	746	18.5	1,074	26.7	857	21.3	530	13.2	816	20.3	27
45 & Over	281	75	27.1	59	21.3	35	12.6	32	11.6	76	27.4	4
Unknown	18	1	ND	6	ND	2	ND	1	ND	6	ND	2

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

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

Table B-12  
**Resident Live Births by Age and Marital Status of the Mother  
 Number and Percent\*: Pennsylvania, 2020**

Age of Mother (In Years)	Total Births	Marital Status				
		Married		Unmarried		Unknown Number
		Number	%	Number	%	
All Ages	130,730	75,301	58.7	53,051	41.3	2,378
Under 15	57	0	ND	56	100.0	1
15 - 19	4,877	214	4.4	4,635	95.6	28
20 - 24	21,529	5,803	27.2	15,526	72.8	200
25 - 29	36,894	20,219	55.6	16,124	44.4	551
30 - 34	42,157	30,497	74.1	10,674	25.9	986
35 - 39	20,867	15,579	76.6	4,768	23.4	520
40 - 44	4,050	2,829	71.4	1,132	28.6	89
45 & Over	281	155	55.6	124	44.4	2
Unknown	18	5	ND	12	70.6	1

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

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

Table B-13  
**Resident Live Births by Age and Education of Mother  
 Number and Percent\*: Pennsylvania, 2020**

Age of Mother (In Years)	Total Births	Highest Education Level Completed										
		Grade 8 Or Less		Grade 9-12 No Diploma		High School Grad/GED		Some College**		College Degree		Unknown Number
		Number	%	Number	%	Number	%	Number	%	Number	%	
All Ages	130,730	4,535	3.5	10,585	8.2	33,526	25.8	32,028	24.7	49,066	37.8	990
Under 15	57	37	67.3	18	32.7	0	ND	0	ND	0	ND	2
15 - 19	4,877	161	3.3	2,234	46.5	2,086	43.4	326	6.8	0	ND	70
20 - 24	21,529	1,095	5.1	3,011	14.1	10,435	48.9	5,617	26.3	1,185	5.6	186
25 - 29	36,894	1,208	3.3	2,443	6.7	10,730	29.3	11,218	30.6	11,059	30.2	236
30 - 34	42,157	1,075	2.6	1,754	4.2	6,794	16.2	9,529	22.7	22,748	54.3	257
35 - 39	20,867	715	3.5	881	4.3	2,805	13.6	4,407	21.3	11,885	57.4	174
40 - 44	4,050	222	5.5	223	5.6	615	15.4	877	21.9	2,065	51.6	48
45 & Over	281	21	7.8	18	6.7	59	22.0	51	19.0	119	44.4	13
Unknown	18	1	ND	3	ND	2	ND	3	ND	5	ND	4

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

\*\* Includes an associate degree or some college credit, but no degree.

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

Table B-14  
**Resident Live Births by Age of Mother and Type of Medical Condition  
Number and Percent\*: Pennsylvania, 2020**

Age of Mother (In Years)	Total Births	Risk Factors In This Pregnancy		Infections Present/Treated During This Pregnancy		Maternal Morbidity		Abnormal Conditions of Newborn		Selected Congenital Anomalies**	
		Number	%	Number	%	Number	%	Number	%	Number	%
All Ages	130,730	56,080	42.9	8,404	6.4	2,457	1.9	13,968	10.7	441	0.3
Under 15	57	12	21.1	7	ND	3	ND	4	ND	0	ND
15 - 19	4,877	1,064	21.8	634	13.0	82	1.7	560	11.5	20	0.4
20 - 24	21,529	7,095	33.0	1,925	8.9	390	1.8	2,303	10.7	80	0.4
25 - 29	36,894	14,940	40.5	2,420	6.6	717	1.9	3,834	10.4	108	0.3
30 - 34	42,157	19,103	45.3	2,167	5.1	789	1.9	4,254	10.1	132	0.3
35 - 39	20,867	11,113	53.3	1,028	4.9	407	2.0	2,388	11.4	78	0.4
40 - 44	4,050	2,545	62.8	213	5.3	65	1.6	570	14.1	20	0.5
45 & Over	281	197	70.1	10	3.6	4	ND	53	18.9	3	ND
Unknown	18	11	61.1	0	ND	0	ND	2	ND	0	ND

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

\*\* See technical notes for qualifications about the reporting of congenital anomalies.

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

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

Starting with 2003, the collection process for medical condition data has changed. Some data may not be comparable to previous years. Please refer to Section F of the Technical Notes for further explanation.

Table B-15  
**Resident Live Births, Selected Congenital Anomalies Reported by Type  
Pennsylvania, 2020**

Congenital Anomalies	Number	Congenital Anomalies	Number
Total Births	130,730	Congenital Malformations and Deformations of the Musculoskeletal System	
Births with Selected Anomaly(ies) Reported	441	Congenital Diaphragmatic Hernia	32
		Gastroschisis	23
		Limb Reduction Defect	12
Congenital Malformations of the Nervous System		Omphalocele	14
Anencephaly	10	Chromosomal Abnormalities	
Meningomyelocele/Spina Bifida	19	Down Syndrome	
Congenital Malformations of the Circulatory System		Karyotype Confirmed	28
Cyanotic Congenital Heart Disease	56	Karyotype Pending	38
Cleft Lip and Cleft Palate		Suspected Chromosomal Disorder	
Cleft Lip With or Without Cleft Palate	55	Karyotype Confirmed	11
Cleft Palate Alone	21	Karyotype Pending	48
Congenital Malformations of Genital Organs		None of the Above	130,289
Hypospadias	103	Unknown	0

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

Starting with 2003, the collection process for congenital anomaly data has changed. Some data may not be comparable to previous years. Please refer to Section F of the Technical Notes for further explanation.

Table B-16A  
**Resident Live Births by Age of Mother and Method of Delivery**  
**Number: Pennsylvania, 2020**

Age of Mother (In Years)	Total Births	Method of Delivery							Unknown Method
		Vaginal				Cesarean			
		Total*	VBAC**	Forceps	Vacuum	Total^	Primary	Repeat	
All Ages	130,730	90,771	3,572	574	3,348	39,921	23,485	16,436	38
Under 15	57	47	0	0	1	10	10	0	0
15 - 19	4,877	3,965	15	17	152	912	837	75	0
20 - 24	21,529	16,431	344	77	520	5,085	3,711	1,374	13
25 - 29	36,894	26,308	942	168	923	10,578	6,504	4,074	8
30 - 34	42,157	28,653	1,284	207	1,158	13,492	7,391	6,101	12
35 - 39	20,867	12,865	781	88	496	7,999	4,100	3,899	3
40 - 44	4,050	2,345	190	17	94	1,703	840	863	2
45 & Over	281	140	14	0	4	141	91	50	0
Unknown	18	17	2	0	0	1	1	0	0

\* 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.

^ Includes Unknowns.

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

Table B-16B  
**Resident Live Births by Age of Mother and Method of Delivery**  
**Percent\*: Pennsylvania, 2020**

Age of Mother (In Years)	Method of Delivery	
	Vaginal	Cesarean
All Ages	69.5	30.5
Under 15	82.5	17.5
15 - 19	81.3	18.7
20 - 24	76.4	23.6
25 - 29	71.3	28.7
30 - 34	68.0	32.0
35 - 39	61.7	38.3
40 - 44	57.9	42.1
45 & Over	49.8	50.2
Unknown	94.4	ND

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

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

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

Table B-17A  
**Resident Live Births by Age of Mother and Principal Source of Payment  
 Number and Percent\*: Pennsylvania, 2020**

Age of Mother (In Years)	Total Births	Principal Source of Payment						
		Private Insurance		Medicaid		Self-Pay		Unknown Number
		Number	%	Number	%	Number	%	
All Ages	130,730	73,330	58.2	43,975	34.9	6,138	4.9	4,791
Under 15	57	12	21.8	40	72.7	3	ND	2
15-19	4,877	1,020	21.8	3,394	72.4	119	2.5	191
20-24	21,529	7,236	34.9	11,519	55.5	1,413	6.8	784
25-29	36,894	19,248	54.1	13,743	38.6	1,867	5.2	1,324
30-34	42,157	28,574	70.4	9,835	24.2	1,538	3.8	1,550
35-39	20,867	14,548	72.4	4,332	21.6	901	4.5	773
40-44	4,050	2,530	64.9	1,028	26.4	270	6.9	152
45 & Over	281	153	57.1	82	30.6	23	8.6	13
Unknown	18	9	ND	2	ND	4	ND	2

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

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

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

Table B-17B  
**Resident Live Births by Race and Hispanic Origin of Mother and Principal Source of Payment  
 Number and Percent\*: Pennsylvania, 2020**

Race or Ethnicity of Mother	Total Births	Principal Source of Payment						
		Private Insurance		Medicaid		Self-Pay		Unknown Number
		Number	%	Number	%	Number	%	
All Races	130,730	73,330	58.2	43,975	34.9	6,138	4.9	4,791
White	90,711	58,533	66.8	22,152	25.3	5,422	6.2	3,146
Black	18,581	6,214	34.4	11,277	62.5	220	1.2	532
Asian/ Pacific Islander	6,068	4,251	73.2	1,413	24.3	62	1.1	261
Multi-Race	4,688	1,858	41.0	2,492	54.9	59	1.3	152
Hispanic Origin	16,700	4,525	28.6	10,229	64.5	449	2.8	852

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

Notes: Hispanic origin can be of any race.

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

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

Starting with 2013, the categorization for race data has changed. Please refer to Section J of the Technical Notes for further explanation.

Table B-18  
**Resident Live Births to Mothers Who Breastfed  
 by Age, Race, and Hispanic Origin of Mother  
 Number and Percent\*: Pennsylvania, 2020**

Age of Mother (In Years)	Mothers Who Breastfed By Race/Hispanic Origin											
	All Races		White		Black		Asian/ Pacific Islander		Multi-Race		Hispanic Origin	
	Number	%	Number	%	Number	%	Number	%	Number	%	Number	%
All Ages	104,092	82.1	73,314	83.0	13,596	75.8	5,345	91.2	3,546	78.2	13,017	81.0
Under 20	3,275	69.1	1,537	67.1	838	68.0	31	81.6	251	63.4	1,037	75.5
20-24	15,866	76.0	9,733	75.8	2,957	73.6	308	81.9	915	75.6	3,366	79.1
25-29	29,174	81.5	20,334	82.2	4,260	77.2	1,229	89.6	1,046	78.5	3,741	81.0
30-34	34,963	85.4	26,437	86.2	3,390	77.0	2,304	93.0	800	82.7	2,959	83.6
35-39	17,323	85.5	12,897	86.1	1,671	77.7	1,236	93.0	434	84.4	1,509	84.1
40 & Over	3,486	83.3	2,371	84.1	480	78.7	237	87.8	100	85.5	405	84.7
Unknown	5	ND	5	ND	0	ND	0	ND	0	ND	0	ND

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

Notes: Hispanic origin can be of any race.

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

Starting with 2013, the categorization for race data has changed. Please refer to Section J of the Technical Notes for further explanation.

Table B-19  
**Resident Live Births to Mothers Who Received WIC\* Food  
 by Age, Race, and Hispanic Origin of Mother  
 Number and Percent\*\*: Pennsylvania, 2020**

Age of Mother (In Years)	Mothers Who Received WIC By Race/Hispanic Origin											
	All Races		White		Black		Asian/ Pacific Islander		Multi-Race		Hispanic Origin	
	Number	%	Number	%	Number	%	Number	%	Number	%	Number	%
All Ages	36,851	29.0	18,720	21.1	9,101	50.9	1,273	22.7	2,007	44.3	9,037	55.8
Under 20	3,099	65.6	1,487	64.8	782	63.7	23	62.2	271	70.8	960	69.7
20-24	10,320	49.6	5,559	43.3	2,307	57.7	186	53.6	689	57.5	2,746	64.0
25-29	10,970	30.6	5,637	22.6	2,763	50.2	395	31.0	571	42.5	2,555	54.8
30-34	7,959	19.4	3,909	12.7	2,069	46.9	432	18.1	301	31.2	1,750	49.1
35-39	3,586	17.6	1,750	11.6	903	42.0	195	15.1	148	28.4	790	43.5
40 & Over	915	21.8	377	13.2	276	45.6	42	16.3	27	23.3	236	47.7
Unknown	2	ND	1	ND	1	ND	0	ND	0	ND	0	ND

\* Pennsylvania Women, Infants, and Children Nutrition Program.

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

Notes: Hispanic origin can be of any race.

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

Starting with 2013, the categorization for race data has changed. Please refer to Section J of the Technical Notes for further explanation.

Table B-20A  
**Resident Live Births by Age of Mother and Smoking Status Prior and During Pregnancy**  
**Number and Percent\*: Pennsylvania, 2020**

Age of Mother (In Years)	Total Births	Smoked Three Months Prior to Pregnancy		Smoked During First Three Months of Pregnancy		Smoked During Second Three Months of Pregnancy		Smoked During Last Three Months of Pregnancy		Unknown Smoking Status**
		Number	%	Number	%	Number	%	Number	%	
All Ages	130,730	14,877	11.6	10,846	8.5	9,318	7.3	8,998	7.0	2,415
Under 15	57	1	ND	1	ND	1	ND	1	ND	3
15-19	4,877	600	12.7	413	8.7	321	6.8	307	6.5	133
20-24	21,529	3,391	16.1	2,348	11.2	1,923	9.2	1,830	8.7	537
25-29	36,894	4,840	13.4	3,537	9.8	3,097	8.6	2,964	8.2	695
30-34	42,157	3,925	9.5	2,916	7.0	2,532	6.1	2,484	6.0	653
35-39	20,867	1,772	8.6	1,351	6.6	1,197	5.8	1,166	5.7	303
40-44	4,050	333	8.4	269	6.8	238	6.0	238	6.0	78
45 & Over	281	15	5.6	11	4.1	9	ND	8	ND	11
Unknown	18	0	ND	0	ND	0	ND	0	ND	2

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

\*\* Unknown smoking status during pregnancy.

Note: Smoking status is defined as cigarette use.

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

Table B-20B  
**Resident Live Births by Race and Hispanic Origin of Mother and Smoking Status Prior and During Pregnancy, Number and Percent\*: Pennsylvania, 2020**

Race and Hispanic Origin of Mother	Total Births	Smoked Three Months Prior to Pregnancy		Smoked During First Three Months of Pregnancy		Smoked During Second Three Months of Pregnancy		Smoked During Last Three Months of Pregnancy		Unknown Smoking Status**
		Number	%	Number	%	Number	%	Number	%	
All Races	130,730	14,877	11.6	10,846	8.5	9,318	7.3	8,998	7.0	2,415
White	90,711	11,815	13.2	8,714	9.7	7,542	8.4	7,281	8.1	902
Black	18,581	1,626	9.1	1,173	6.6	980	5.5	959	5.4	807
Asian/Pacific Islander	6,068	54	0.9	27	0.5	18	0.3	16	0.3	104
Multi-Race	4,688	851	18.6	602	13.2	507	11.1	473	10.3	112
Hispanic Origin	16,700	1,154	7.1	703	4.3	578	3.6	549	3.4	475

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

\*\* Unknown smoking status during pregnancy.

Notes: Smoking status is defined as cigarette use.

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

Hispanic origin can be of any race.

Starting with 2013, the categorization for race data has changed. Please refer to Section J of the Technical Notes for further explanation.



Table B-21A  
**Resident Live Births by Age of Mother and Smoking Status During Pregnancy  
 Number and Percent\*: Pennsylvania, 2020**

Age of Mother (In Years)	Total Births	Smoking Status During Pregnancy				
		Yes		No		Unknown Number
		Number	%	Number	%	
All Ages	130,730	11,145	8.7	117,170	91.3	2,415
Under 15	57	1	ND	53	98.1	3
15 - 19	4,877	434	9.1	4,310	90.9	133
20 - 24	21,529	2,416	11.5	18,576	88.5	537
25 - 29	36,894	3,628	10.0	32,571	90.0	695
30 - 34	42,157	2,994	7.2	38,510	92.8	653
35 - 39	20,867	1,381	6.7	19,183	93.3	303
40 - 44	4,050	280	7.0	3,692	93.0	78
45 & Over	281	11	4.1	259	95.9	11
Unknown	18	0	ND	16	100.0	2

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

Notes: Smoking status is defined as cigarette use.

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

Starting with 2003, the collection process for smoking status data has changed. Births to mothers who reported smoking during the first, second, or third trimester are considered as using tobacco during pregnancy.

Please refer to Section F of the Technical Notes for further explanation.

Table B-21B  
**Resident Live Births by Race and Hispanic Origin of Mother and  
 Smoking Status During Pregnancy, Number and Percent\*: Pennsylvania, 2020**

Race and Hispanic Origin of Mother	Total Births	Smoking Status During Pregnancy				
		Yes		No		Unknown Number
		Number	%	Number	%	
All Races	130,730	11,145	8.7	117,170	91.3	2,415
White	90,711	8,915	9.9	80,894	90.1	902
Black	18,581	1,226	6.9	16,548	93.1	807
Asian/ Pacific Islander	6,068	28	0.5	5,936	99.5	104
Multi-Race	4,688	629	13.7	3,947	86.3	112
Hispanic Origin	16,700	735	4.5	15,490	95.5	475

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

Notes: Smoking status is defined as cigarette use.

Hispanic origin can be of any race.

Starting with 2003, the collection process for smoking status data has changed. Births to mothers who reported smoking during the first, second, or third trimester are considered as using tobacco during pregnancy.

Please refer to Section F of the Technical Notes for further explanation.

Starting with 2013, the categorization for race data has changed. Please refer to Section J of the Technical Notes for further explanation.

Table B-22  
**Resident Live Births by Race and Hispanic Origin of Mother by County**  
**Total Births, Birth and General Fertility Rates\*: Pennsylvania, 2020**

County	Total Births	Birth Rate	General Fertility Rate	Race				Hispanic Origin
				White	Black	Asian/ Pacific Islander	Multi-Race	
Pennsylvania	130,730	10.1	54.0	90,711	18,581	6,068	4,688	16,700
Adams	904	8.7	51.3	813	16	8	26	95
Allegheny	12,188	9.8	50.0	8,277	2,530	837	266	338
Armstrong	577	8.8	56.7	562	2	0	9	7
Beaver	1,542	9.2	54.9	1,279	138	11	82	48
Bedford	470	9.9	64.7	465	1	1	3	5
Berks	4,362	10.2	54.6	2,846	280	77	202	1,638
Blair	1,181	9.6	55.9	1,109	38	4	24	16
Bradford	639	10.7	66.7	613	6	12	4	9
Bucks	5,461	8.5	49.3	4,298	296	447	132	496
Butler	1,677	8.7	50.1	1,561	27	52	22	46
Cambria	1,193	9.0	54.9	1,024	109	9	34	20
Cameron	28	6.2	48.7	28	0	0	0	0
Carbon	604	9.3	58.9	543	22	1	17	65
Centre	1,065	6.7	30.0	923	26	64	24	41
Chester	5,233	9.8	53.3	3,852	290	443	152	729
Clarion	359	9.7	50.7	347	5	3	3	5
Clearfield	677	8.4	56.2	657	3	4	11	6
Clinton	411	11.0	56.4	393	5	2	3	5
Columbia	544	8.4	41.4	496	8	10	10	27
Crawford	830	9.9	57.4	765	12	3	39	17
Cumberland	2,600	10.0	53.7	2,061	175	173	93	175
Dauphin	3,334	11.6	61.1	1,754	747	260	238	549
Delaware	6,277	10.9	55.3	3,420	1,831	415	230	468
Elk	253	8.2	55.4	243	2	4	3	3
Erie	2,611	9.7	52.0	1,878	363	94	172	207
Fayette	1,271	9.9	61.3	1,153	57	6	40	19
Forest	30	4.3	67.0	29	0	0	1	0
Franklin	1,616	10.4	59.2	1,369	71	11	50	184
Fulton	142	9.8	60.3	141	0	0	1	1
Greene	355	9.9	60.8	344	1	2	8	1
Huntingdon	367	8.3	53.1	353	2	1	9	3
Indiana	777	9.3	48.3	738	10	10	10	8
Jefferson	472	10.6	65.3	456	2	0	9	6

(Continued)

Table B-22  
**Resident Live Births by Race and Hispanic Origin of Mother by County**  
**Total Births, Birth and General Fertility Rates\*: Pennsylvania, 2020**

County	Total Births	Birth Rate	General Fertility Rate	Race				Hispanic Origin
				White	Black	Asian/ Pacific Islander	Multi-Race	
Juniata	310	13.2	80.4	293	1	2	4	14
Lackawanna	2,044	9.5	52.4	1,577	134	69	76	332
Lancaster	6,858	12.4	66.4	5,624	315	177	278	997
Lawrence	840	9.8	59.2	749	45	1	38	16
Lebanon	1,552	10.8	61.2	1,336	48	26	37	339
Lehigh	4,086	10.9	56.5	2,525	449	148	173	1,672
Luzerne	3,181	9.8	56.0	2,108	292	50	114	912
Lycoming	1,172	10.3	56.7	991	91	18	50	34
McKean	376	9.3	57.3	367	3	0	3	4
Mercer	1,016	9.2	55.5	869	87	5	49	9
Mifflin	528	11.5	71.4	517	2	1	6	10
Monroe	1,433	8.5	47.3	878	215	22	109	358
Montgomery	8,278	9.7	52.3	5,707	817	811	287	809
Montour	220	12.1	72.4	198	3	13	2	7
Northampton	2,781	8.9	48.7	2,004	229	117	106	650
Northumberland	877	9.6	59.7	797	23	2	18	65
Perry	467	10.2	62.1	445	2	4	11	11
Philadelphia	19,884	12.4	53.7	6,170	8,094	1,486	864	4,138
Pike	403	6.9	46.7	327	27	7	15	55
Potter	173	10.6	70.6	167	0	3	2	5
Schuylkill	1,280	9.0	57.1	1,104	29	8	35	180
Snyder	377	9.5	51.4	365	5	0	3	6
Somerset	617	8.3	58.3	604	4	0	2	5
Sullivan	46	7.9	61.3	44	1	0	0	1
Susquehanna	340	8.9	60.4	328	0	1	8	9
Tioga	402	9.8	58.5	390	4	2	4	5
Union	406	9.5	54.6	373	11	9	4	9
Venango	436	8.7	56.8	420	2	3	9	6
Warren	339	8.8	59.3	304	1	3	5	2
Washington	1,829	8.7	51.6	1,647	65	12	82	39
Wayne	435	8.5	61.9	403	5	3	12	23
Westmoreland	2,839	8.0	50.6	2,557	130	25	92	48
Wyoming	207	8.0	49.0	193	1	0	8	6
York	4,648	10.2	56.4	3,540	371	76	255	687

\* Birth rate per 1,000 population for each specified county, 2020.

General fertility rate: Number of total live births per 1,000 females of childbearing age (between the ages of 15 and 44 years), 2020.

Notes: Hispanic origin can be of any race.

Starting with 2013, the categorization for race data has changed. Please refer to Section J of the Technical Notes for further explanation.

Table B-23  
**Resident Live Births by Race and Hispanic Origin of Mother by County**  
**Number and Average Annual Rate: Pennsylvania, 2016-2020**

County	Total Births 2016-2020	Birth Rate*	Race				Hispanic Origin
			White	Black	Asian/ Pacific Islander	Multi-Race	
Pennsylvania	677,781	10.6	472,923	94,690	31,485	22,527	80,320
Adams	4,763	9.3	4,224	78	35	133	509
Allegheny	64,145	10.5	43,966	12,891	4,322	1,558	1,546
Armstrong	2,995	9.1	2,900	16	5	50	27
Beaver	7,924	9.5	6,717	661	52	350	206
Bedford	2,350	9.8	2,291	5	10	34	21
Berks	23,189	11.0	15,070	1,287	420	975	8,364
Blair	6,064	9.9	5,741	124	31	132	76
Bradford	3,262	10.8	3,161	20	36	17	46
Bucks	28,541	9.0	22,629	1,525	2,128	605	2,495
Butler	8,625	9.1	8,068	92	219	105	204
Cambria	6,242	9.4	5,493	480	56	137	104
Cameron	171	7.5	158	1	1	6	5
Carbon	2,860	8.9	2,623	69	8	64	236
Centre	5,704	7.1	4,875	116	429	141	178
Chester	26,581	10.2	19,898	1,499	2,158	692	3,421
Clarion	1,914	10.0	1,847	22	15	15	26
Clearfield	3,610	9.0	3,508	9	28	50	36
Clinton	2,032	10.5	1,965	11	14	25	30
Columbia	2,738	8.4	2,558	32	36	40	114
Crawford	4,530	10.6	4,242	58	17	163	69
Cumberland	13,068	10.3	10,485	735	889	465	694
Dauphin	16,866	12.1	9,105	3,750	1,132	1,268	2,556
Delaware	32,254	11.4	17,925	9,206	2,237	1,113	2,039
Elk	1,382	9.1	1,338	3	14	21	10
Erie	14,225	10.4	10,359	1,785	494	862	1,036
Fayette	6,406	9.8	5,797	311	44	205	86
Forest	132	3.7	131	0	0	1	0
Franklin	8,710	11.3	7,374	343	71	248	949
Fulton	720	9.9	700	0	4	7	13
Greene	1,782	9.8	1,732	7	7	32	20
Huntingdon	1,907	8.5	1,838	18	6	35	18
Indiana	3,983	9.4	3,754	67	37	60	42
Jefferson	2,359	10.8	2,310	4	4	30	15

(Continued)

Table B-23  
**Resident Live Births by Race and Hispanic Origin of Mother by County**  
**Number and Average Annual Rate: Pennsylvania, 2016-2020**

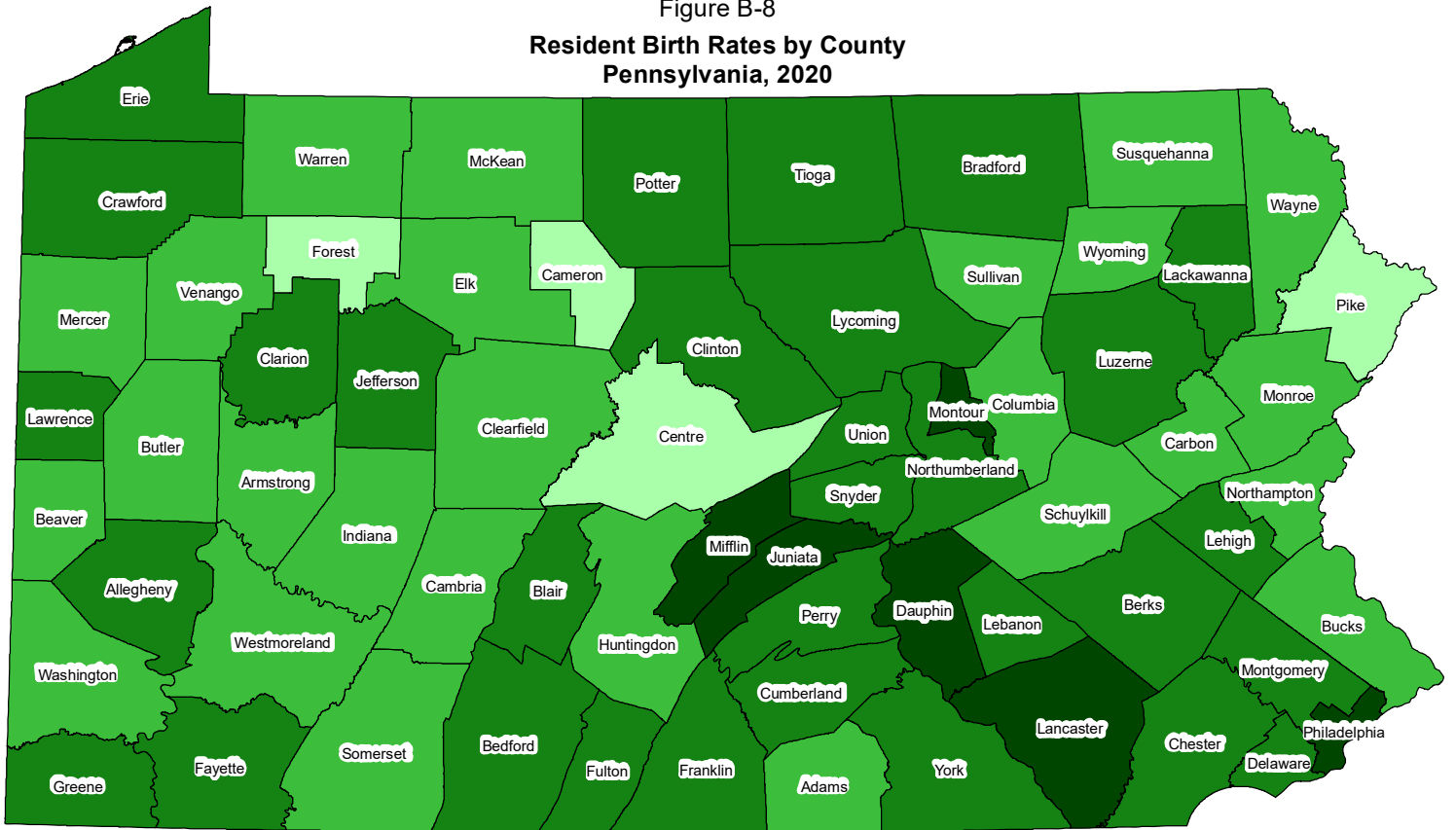
County	Total Births 2016-2020	Birth Rate*	Race				Hispanic Origin
			White	Black	Asian/ Pacific Islander	Multi-Race	
Juniata	1,432	11.7	1,339	13	7	16	81
Lackawanna	10,430	9.9	8,136	634	422	348	1,545
Lancaster	34,898	12.8	28,642	1,562	934	1,195	4,813
Lawrence	4,335	10.0	3,816	261	13	198	87
Lebanon	7,908	11.2	6,839	208	104	208	1,634
Lehigh	21,260	11.5	13,257	2,042	814	843	8,271
Luzerne	16,244	10.2	11,065	1,351	254	536	4,241
Lycoming	5,959	10.5	5,192	386	61	246	126
McKean	1,862	9.1	1,797	17	9	25	32
Mercer	5,334	9.6	4,606	413	37	235	82
Mifflin	2,827	12.2	2,727	22	8	45	66
Monroe	7,430	8.8	4,606	1,068	171	485	1,756
Montgomery	42,654	10.2	29,695	4,116	4,205	1,482	3,862
Montour	1,087	11.9	950	18	75	16	29
Northampton	14,047	9.2	10,244	1,098	549	552	3,065
Northumberland	4,565	10.0	4,199	99	26	93	284
Perry	2,568	11.2	2,453	9	13	61	53
Philadelphia	103,791	13.1	31,138	42,976	7,929	3,900	20,317
Pike	2,035	7.2	1,689	116	25	85	274
Potter	852	10.2	824	1	5	13	17
Schuylkill	6,589	9.2	5,894	123	57	146	661
Snyder	2,099	10.4	2,006	26	13	19	42
Somerset	3,339	9.0	3,266	18	10	19	34
Sullivan	238	7.9	226	2	1	4	2
Susquehanna	1,813	9.0	1,745	6	6	32	52
Tioga	2,027	9.9	1,984	10	9	15	14
Union	2,010	9.0	1,860	35	30	40	60
Venango	2,351	9.2	2,294	15	7	25	16
Warren	1,966	10.0	1,820	7	11	20	14
Washington	9,750	9.4	8,729	369	113	377	211
Wayne	2,040	8.0	1,893	19	23	60	94
Westmoreland	14,771	8.4	13,394	626	154	426	207
Wyoming	1,235	9.2	1,184	1	9	20	31
York	24,001	10.7	18,632	1,798	422	1,103	3,056

\* Birth rate per 1,000 population for each specified county, 2016-2020.

Notes: Hispanic origin can be of any race.

Starting with 2013, the categorization for race data has changed. Please refer to Section J of the Technical Notes for further explanation.

Figure B-8  
**Resident Birth Rates by County  
 Pennsylvania, 2020**

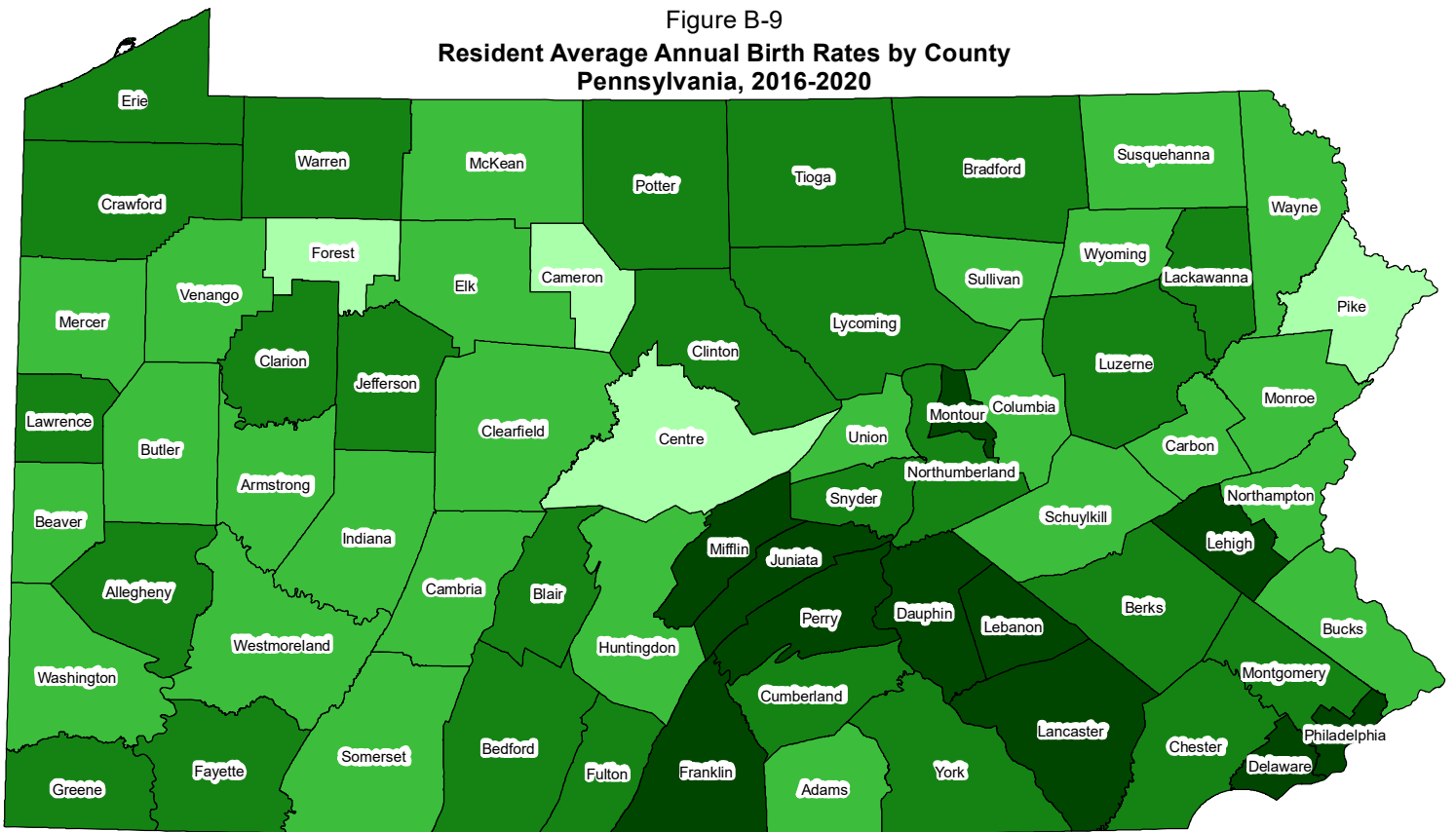


**Rate**



Note: Rate per 1,000 population, 2020. See Table B-22 for county rates.

Figure B-9  
**Resident Average Annual Birth Rates by County  
 Pennsylvania, 2016-2020**

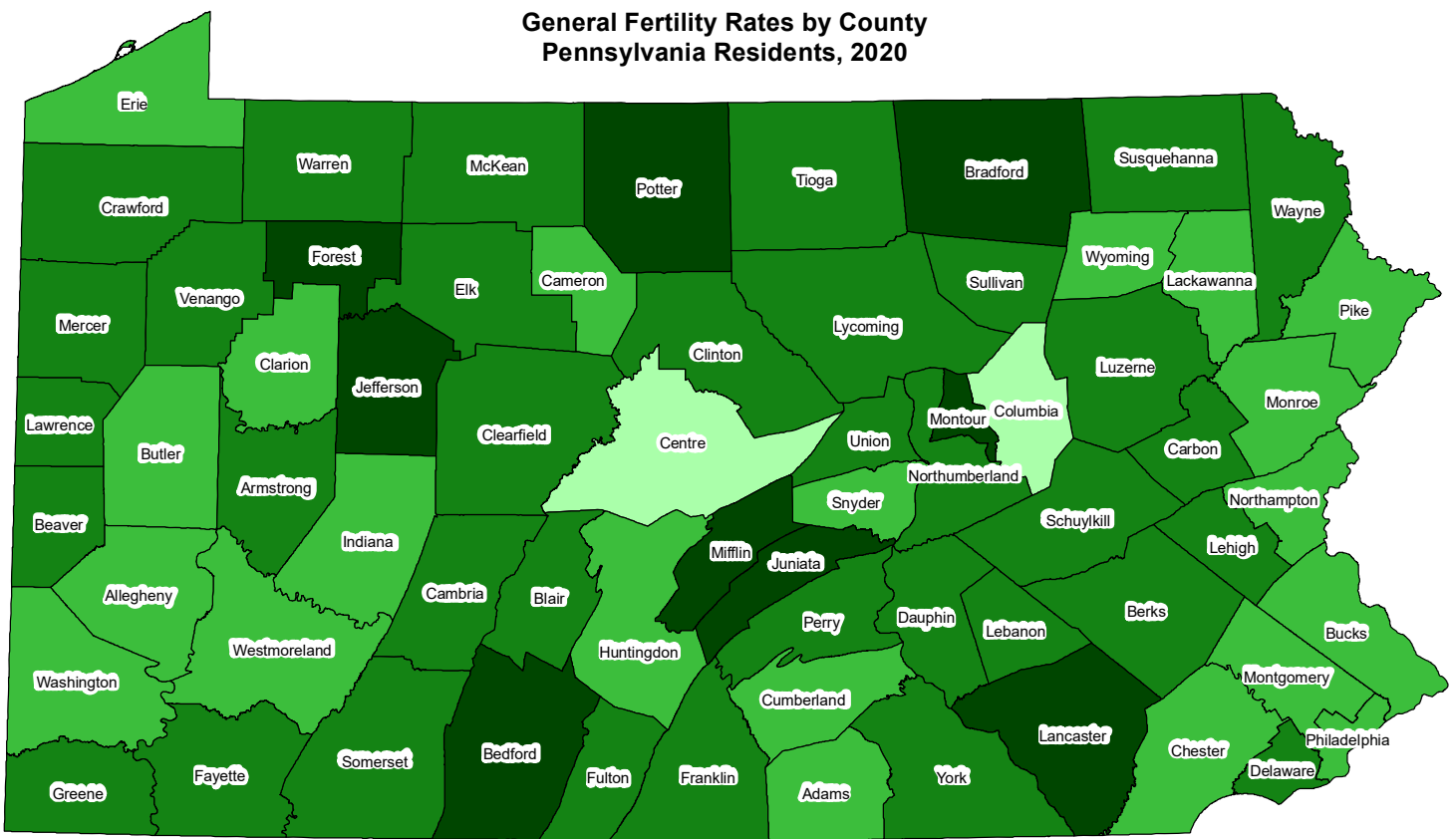


**Rate**



Note: Rate per 1,000 population, 2016-2020. See Table B-23 for county rates.

Figure B-10  
**General Fertility Rates by County  
 Pennsylvania Residents, 2020**



**Rate**



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

Table B-24  
**Resident Live Births by Age of Mother and County  
 Pennsylvania, 2020**

County	Total Births	Age of Mother (In Years)								45 & Over	Unknown
		Under 15	15 - 19	20 - 24	25 - 29	30 - 34	35 - 39	40 - 44			
Pennsylvania	130,730	57	4,877	21,529	36,894	42,157	20,867	4,050	281	18	
Adams	904	0	38	167	301	279	103	15	1	0	
Allegheny	12,188	6	308	1,355	3,075	4,648	2,351	418	27	0	
Armstrong	577	1	18	150	188	149	55	16	0	0	
Beaver	1,542	1	78	232	470	502	217	40	2	0	
Bedford	470	0	15	120	155	104	62	13	1	0	
Berks	4,362	3	228	884	1,325	1,230	578	105	9	0	
Blair	1,181	1	60	271	379	303	140	25	2	0	
Bradford	639	0	41	177	199	145	63	12	2	0	
Bucks	5,461	0	64	458	1,282	2,191	1,232	221	12	1	
Butler	1,677	0	33	188	463	662	282	46	2	1	
Cambria	1,193	0	61	266	387	316	141	21	1	0	
Cameron	28	0	2	10	11	2	3	0	0	0	
Carbon	604	0	21	108	188	191	81	15	0	0	
Centre	1,065	0	11	128	310	399	187	29	1	0	
Chester	5,233	3	92	456	1,121	2,159	1,158	225	19	0	
Clarion	359	0	11	94	119	92	37	5	1	0	
Clearfield	677	0	30	155	231	185	69	7	0	0	
Clinton	411	0	16	111	144	87	37	10	5	1	
Columbia	544	0	18	128	170	156	65	7	0	0	
Crawford	830	1	42	200	271	189	96	31	0	0	
Cumberland	2,600	1	63	367	802	845	442	74	6	0	
Dauphin	3,334	0	162	621	1,005	976	459	103	6	2	
Delaware	6,277	2	178	723	1,515	2,347	1,241	248	22	1	
Elk	253	0	6	53	88	76	21	7	2	0	
Erie	2,611	1	151	566	793	703	324	68	5	0	
Fayette	1,271	1	76	330	438	278	122	24	2	0	
Forest	30	0	0	4	16	10	0	0	0	0	
Franklin	1,616	3	56	373	522	434	194	31	3	0	
Fulton	142	0	6	36	59	28	13	0	0	0	
Greene	355	0	24	100	120	79	26	6	0	0	
Huntingdon	367	0	29	91	133	80	27	7	0	0	
Indiana	777	1	29	192	261	185	87	18	4	0	
Jefferson	472	0	22	130	170	103	42	5	0	0	

(Continued)



Table B-24  
**Resident Live Births by Age of Mother and County  
 Pennsylvania, 2020**

County	Total Births	Age of Mother (In Years)								45 & Over	Unknown
		Under 15	15 - 19	20 - 24	25 - 29	30 - 34	35 - 39	40 - 44			
Juniata	310	0	13	77	102	74	33	11	0	0	
Lackawanna	2,044	1	81	343	566	658	341	48	6	0	
Lancaster	6,858	2	177	1,284	2,159	2,043	987	192	12	2	
Lawrence	840	0	43	163	307	207	102	17	1	0	
Lebanon	1,552	0	64	314	502	450	175	45	2	0	
Lehigh	4,086	3	195	736	1,163	1,245	608	127	8	1	
Luzerne	3,181	1	177	672	921	889	426	89	5	1	
Lycoming	1,172	0	57	262	373	318	136	23	2	1	
McKean	376	0	19	101	132	91	28	4	1	0	
Mercer	1,016	0	53	260	311	247	116	28	1	0	
Mifflin	528	1	16	159	168	124	51	7	2	0	
Monroe	1,433	1	38	255	440	402	221	73	3	0	
Montgomery	8,278	1	145	632	1,799	3,440	1,890	347	22	2	
Montour	220	0	6	21	60	88	37	6	2	0	
Northampton	2,781	0	106	377	816	920	472	85	5	0	
Northumberland	877	1	51	196	295	215	100	15	4	0	
Perry	467	0	21	92	150	133	57	12	0	2	
Philadelphia	19,884	13	1,052	3,519	5,257	6,102	3,192	701	47	1	
Pike	403	1	9	60	124	122	72	14	1	0	
Potter	173	0	11	50	53	35	19	4	0	1	
Schuylkill	1,280	0	61	280	411	363	141	22	2	0	
Snyder	377	0	15	83	122	109	31	14	2	1	
Somerset	617	0	21	139	211	170	61	15	0	0	
Sullivan	46	0	2	12	13	13	5	1	0	0	
Susquehanna	340	0	11	78	121	93	31	5	1	0	
Tioga	402	1	26	103	127	93	44	8	0	0	
Union	406	0	10	84	98	144	62	6	2	0	
Venango	436	0	25	115	146	99	40	10	1	0	
Warren	339	0	20	94	96	94	29	6	0	0	
Washington	1,829	1	49	299	561	572	307	38	2	0	
Wayne	435	0	13	77	131	126	67	21	0	0	
Westmoreland	2,839	0	80	418	896	960	408	75	2	0	
Wyoming	207	0	11	44	60	58	31	3	0	0	
York	4,648	5	210	886	1,492	1,327	592	126	10	0	

Table B-25  
**Resident Live Births by Birth Weight and County  
 Number and Percent\*: Pennsylvania, 2020**

County	Total Births	Birth Weight								
		< 1,500 Grams		1,500 - 2,499 Grams		2,500 - 3,999 Grams		4,000 Grams and Over		Unknown Weight
		Number	%	Number	%	Number	%	Number	%	Number
Pennsylvania	130,730	1,772	1.4	9,082	7.0	109,020	83.6	10,598	8.1	258
Adams	904	6	ND	46	5.1	734	81.6	113	12.6	5
Allegheny	12,188	171	1.4	900	7.4	10,180	84.1	856	7.1	81
Armstrong	577	8	ND	32	5.6	479	83.2	57	9.9	1
Beaver	1,542	19	1.2	83	5.4	1,316	85.5	122	7.9	2
Bedford	470	4	ND	22	4.7	406	86.4	38	8.1	0
Berks	4,362	60	1.4	291	6.7	3,632	83.3	378	8.7	1
Blair	1,181	13	1.1	61	5.2	1,012	85.8	94	8.0	1
Bradford	639	5	ND	32	5.0	520	81.4	82	12.8	0
Bucks	5,461	49	0.9	284	5.2	4,586	84.3	520	9.6	22
Butler	1,677	8	ND	103	6.2	1,421	85.0	140	8.4	5
Cambria	1,193	14	1.2	87	7.3	989	82.9	103	8.6	0
Cameron	28	1	ND	2	ND	24	85.7	1	ND	0
Carbon	604	6	ND	45	7.5	501	82.9	52	8.6	0
Centre	1,065	6	ND	35	3.3	900	84.8	120	11.3	4
Chester	5,233	55	1.1	283	5.4	4,392	84.0	499	9.5	4
Clarion	359	1	ND	19	5.5	295	84.8	33	9.5	11
Clearfield	677	6	ND	47	7.0	545	80.7	77	11.4	2
Ciinton	411	2	ND	27	6.6	342	83.2	40	9.7	0
Columbia	544	4	ND	35	6.4	452	83.1	53	9.7	0
Crawford	830	11	1.3	67	8.1	695	84.0	54	6.5	3
Cumberland	2,600	26	1.0	176	6.8	2,136	82.2	261	10.0	1
Dauphin	3,334	69	2.1	277	8.3	2,734	82.1	251	7.5	3
Delaware	6,277	100	1.6	469	7.5	5,195	82.8	510	8.1	3
Elk	253	2	ND	24	9.5	209	82.6	18	7.1	0
Erie	2,611	44	1.7	195	7.5	2,213	84.9	156	6.0	3
Fayette	1,271	23	1.8	109	8.6	1,048	82.6	88	6.9	3
Forest	30	0	ND	1	ND	26	92.9	1	ND	2
Franklin	1,616	16	1.0	106	6.6	1,336	82.9	153	9.5	5
Fulton	142	1	ND	9	ND	121	85.8	10	7.1	1
Greene	355	1	ND	30	8.5	297	83.9	26	7.3	1
Huntingdon	367	3	ND	26	7.1	306	83.4	32	8.7	0
Indiana	777	8	ND	67	8.7	635	82.3	62	8.0	5
Jefferson	472	3	ND	26	5.6	398	85.0	41	8.8	4

(Continued)

Table B-25  
**Resident Live Births by Birth Weight and County  
Number and Percent\*: Pennsylvania, 2020**

County	Total Births	Birth Weight								
		< 1,500 Grams		1,500 - 2,499 Grams		2,500 - 3,999 Grams		4,000 Grams and Over		Unknown Weight
		Number	%	Number	%	Number	%	Number	%	Number
Juniata	310	8	ND	12	3.9	258	83.2	32	10.3	0
Lackawanna	2,044	26	1.3	152	7.5	1,718	84.2	144	7.1	4
Lancaster	6,858	65	0.9	352	5.1	5,681	82.9	757	11.0	3
Lawrence	840	19	2.3	66	7.9	705	84.0	49	5.8	1
Lebanon	1,552	16	1.0	104	6.7	1,302	83.9	129	8.3	1
Lehigh	4,086	57	1.4	300	7.3	3,420	83.7	308	7.5	1
Luzerne	3,181	40	1.3	237	7.5	2,663	83.8	239	7.5	2
Lycoming	1,172	17	1.5	76	6.5	978	83.5	100	8.5	1
McKean	376	5	ND	28	7.4	320	85.1	23	6.1	0
Mercer	1,016	18	1.8	63	6.2	872	85.9	62	6.1	1
Mifflin	528	5	ND	30	5.7	414	78.7	77	14.6	2
Monroe	1,433	15	1.0	121	8.4	1,188	83.0	108	7.5	1
Montgomery	8,278	78	0.9	493	6.0	6,996	84.5	710	8.6	1
Montour	220	2	ND	9	ND	177	80.5	32	14.5	0
Northampton	2,781	35	1.3	176	6.3	2,321	83.6	245	8.8	4
Northumberland	877	21	2.4	68	7.8	715	81.5	73	8.3	0
Perry	467	6	ND	26	5.6	376	80.9	57	12.3	2
Philadelphia	19,884	415	2.1	1,789	9.0	16,568	83.4	1,097	5.5	15
Pike	403	5	ND	26	6.5	332	82.4	40	9.9	0
Potter	173	1	ND	17	9.8	142	82.1	13	7.5	0
Schuylkill	1,280	22	1.7	72	5.6	1,079	84.3	107	8.4	0
Snyder	377	3	ND	20	5.3	313	83.0	41	10.9	0
Somerset	617	10	1.6	49	8.0	509	82.6	48	7.8	1
Sullivan	46	0	ND	5	ND	35	76.1	6	ND	0
Susquehanna	340	2	ND	20	5.9	279	82.3	38	11.2	1
Tioga	402	6	ND	22	5.5	340	85.0	32	8.0	2
Union	406	1	ND	16	4.0	337	83.2	51	12.6	1
Venango	436	4	ND	33	7.7	342	79.5	51	11.9	6
Warren	339	3	ND	22	7.0	267	85.0	22	7.0	25
Washington	1,829	18	1.0	103	5.6	1,577	86.4	128	7.0	3
Wayne	435	8	ND	38	8.7	345	79.3	44	10.1	0
Westmoreland	2,839	39	1.4	178	6.3	2,369	83.5	250	8.8	3
Wyoming	207	1	ND	9	ND	171	83.0	25	12.1	1
York	4,648	56	1.2	334	7.2	3,836	82.6	419	9.0	3

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

Notes: Very low birth weight is defined as 1,499 grams and less.

Low birth weight is defined as 2,499 grams and less.

High birth weight is defined as 4,000 grams and more.

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

See Technical Notes.

Table B-26  
**Resident Live Births by Birth Weight and County**  
**Number and Percent\*: Pennsylvania, Five-Year Summary, 2016-2020**

County	Total Births 2016-2020	Birth Weight								
		< 1,500 Grams		1,500 - 2,499 Grams		2,500 - 3,999 Grams		4,000 Grams and Over		Unknown Weight
		Number	%	Number	%	Number	%	Number	%	Number
Pennsylvania	677,781	9,779	1.4	46,663	6.9	561,423	83.2	57,156	8.5	2,760
Adams	4,763	57	1.2	307	6.5	3,910	82.2	483	10.2	6
Allegheny	64,145	935	1.5	4,566	7.3	52,314	83.5	4,868	7.8	1,462
Armstrong	2,995	46	1.5	185	6.2	2,490	83.8	250	8.4	24
Beaver	7,924	118	1.5	449	5.7	6,596	84.0	693	8.8	68
Bedford	2,350	25	1.1	117	5.0	1,972	84.2	229	9.8	7
Berks	23,189	368	1.6	1,528	6.6	19,250	83.0	2,037	8.8	6
Blair	6,064	53	0.9	342	5.6	5,115	84.5	545	9.0	9
Bradford	3,262	36	1.1	165	5.1	2,662	81.7	397	12.2	2
Bucks	28,541	349	1.2	1,739	6.1	23,546	82.6	2,872	10.1	35
Butler	8,625	64	0.8	461	5.4	7,203	84.5	797	9.3	100
Cambria	6,242	93	1.5	452	7.2	5,259	84.3	436	7.0	2
Cameron	171	2	ND	10	5.9	145	85.3	13	7.6	1
Carbon	2,860	40	1.4	193	6.8	2,361	82.6	265	9.3	1
Centre	5,704	57	1.0	259	4.5	4,742	83.2	640	11.2	6
Chester	26,581	286	1.1	1,429	5.4	22,096	83.2	2,756	10.4	14
Clarion	1,914	15	0.8	102	5.4	1,581	84.2	180	9.6	36
Clearfield	3,610	48	1.3	261	7.2	2,966	82.2	332	9.2	3
Ciinton	2,032	16	0.8	122	6.0	1,690	83.2	204	10.0	0
Columbia	2,738	35	1.3	191	7.0	2,263	82.7	249	9.1	0
Crawford	4,530	64	1.4	311	6.9	3,770	83.6	364	8.1	21
Cumberland	13,068	149	1.1	810	6.2	10,764	82.5	1,331	10.2	14
Dauphin	16,866	304	1.8	1,327	7.9	13,897	82.4	1,329	7.9	9
Delaware	32,254	531	1.6	2,315	7.2	26,663	82.7	2,730	8.5	15
Elk	1,382	11	0.8	95	6.9	1,172	84.9	103	7.5	1
Erie	14,225	231	1.6	1,059	7.5	11,961	84.3	945	6.7	29
Fayette	6,406	88	1.4	502	7.9	5,303	83.2	481	7.5	32
Forest	132	1	ND	8	ND	106	83.5	12	9.4	5
Franklin	8,710	98	1.1	520	6.0	7,268	83.7	795	9.2	29
Fulton	720	8	ND	53	7.4	590	82.2	67	9.3	2
Greene	1,782	14	0.8	163	9.2	1,467	82.6	131	7.4	7
Huntingdon	1,907	19	1.0	111	5.8	1,571	82.4	206	10.8	0
Indiana	3,983	40	1.0	275	6.9	3,290	83.1	356	9.0	22
Jefferson	2,359	28	1.2	162	6.9	1,945	82.9	210	9.0	14

(Continued)

Table B-26  
**Resident Live Births by Birth Weight and County**  
**Number and Percent\*: Pennsylvania, Five-Year Summary, 2016-2020**

County	Total Births 2016-2020	Birth Weight								
		< 1,500 Grams		1,500 - 2,499 Grams		2,500 - 3,999 Grams		4,000 Grams and Over		Unknown Weight
		Number	%	Number	%	Number	%	Number	%	Number
Juniata	1,432	21	1.5	74	5.2	1,177	82.2	160	11.2	0
Lackawanna	10,430	153	1.5	738	7.1	8,662	83.1	865	8.3	12
Lancaster	34,898	367	1.1	1,859	5.3	28,882	82.8	3,768	10.8	22
Lawrence	4,335	64	1.5	318	7.4	3,644	84.5	284	6.6	25
Lebanon	7,908	100	1.3	555	7.0	6,628	83.8	624	7.9	1
Lehigh	21,260	329	1.5	1,467	6.9	17,723	83.4	1,731	8.1	10
Luzerne	16,244	214	1.3	1,138	7.0	13,676	84.3	1,199	7.4	17
Lycoming	5,959	91	1.5	401	6.7	4,884	82.0	580	9.7	3
McKean	1,862	26	1.4	148	8.0	1,551	83.3	136	7.3	1
Mercer	5,334	68	1.3	379	7.2	4,428	83.6	420	7.9	39
Mifflin	2,827	37	1.3	161	5.7	2,296	81.3	330	11.7	3
Monroe	7,430	122	1.6	585	7.9	6,184	83.3	536	7.2	3
Montgomery	42,654	475	1.1	2,586	6.1	35,566	83.5	3,982	9.3	45
Montour	1,087	13	1.2	60	5.5	895	82.3	119	10.9	0
Northampton	14,047	203	1.4	952	6.8	11,707	83.4	1,176	8.4	9
Northumberland	4,565	67	1.5	293	6.4	3,754	82.3	448	9.8	3
Perry	2,568	27	1.1	165	6.4	2,070	80.7	302	11.8	4
Philadelphia	103,791	2,240	2.2	9,203	8.9	85,977	83.0	6,226	6.0	145
Pike	2,035	21	1.0	152	7.5	1,681	82.7	179	8.8	2
Potter	852	7	ND	57	6.7	713	84.0	72	8.5	3
Schuylkill	6,589	102	1.5	452	6.9	5,477	83.2	551	8.4	7
Snyder	2,099	15	0.7	99	4.7	1,703	81.3	279	13.3	3
Somerset	3,339	34	1.0	213	6.4	2,805	84.2	281	8.4	6
Sullivan	238	3	ND	14	5.9	194	81.5	27	11.3	0
Susquehanna	1,813	19	1.0	111	6.1	1,520	83.9	162	8.9	1
Tioga	2,027	20	1.0	102	5.0	1,708	84.3	195	9.6	2
Union	2,010	12	0.6	92	4.6	1,662	82.8	242	12.1	2
Venango	2,351	29	1.3	161	7.0	1,866	81.7	228	10.0	67
Warren	1,966	22	1.2	122	6.5	1,559	83.6	161	8.6	102
Washington	9,750	108	1.1	596	6.2	8,143	84.0	842	8.7	61
Wayne	2,040	26	1.3	132	6.5	1,681	82.4	201	9.9	0
Westmoreland	14,771	176	1.2	920	6.3	12,293	84.2	1,213	8.3	169
Wyoming	1,235	5	ND	76	6.2	1,040	84.3	113	9.2	1
York	24,001	334	1.4	1,693	7.1	19,746	82.3	2,218	9.2	10

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

Notes: Very low birth weight is defined as 1,499 grams and less.

Low birth weight is defined as 2,499 grams and less.

High birth weight is defined as 4,000 grams and more.

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

See Technical Notes.

Table B-27  
**Resident Live Births by Pre-Pregnancy Weight Status\* and County**  
**Number and Percent: Pennsylvania, 2020**

County	Total Births	Underweight		Normal Weight		Overweight		Obese		Unknown
		Number	%	Number	%	Number	%	Number	%	
Pennsylvania	130,730	3,569	2.9	52,803	42.7	32,203	26.0	35,158	28.4	6,997
Adams	904	27	3.0	376	42.2	232	26.0	257	28.8	12
Allegheny	12,188	222	2.4	4,321	47.0	2,300	25.0	2,360	25.6	2,985
Armstrong	577	14	2.6	203	38.1	144	27.0	172	32.3	44
Beaver	1,542	50	3.6	555	39.5	370	26.3	431	30.7	136
Bedford	470	13	2.8	213	45.8	112	24.1	127	27.3	5
Berks	4,362	121	2.8	1,689	39.1	1,194	27.6	1,316	30.5	42
Blair	1,181	46	4.0	477	41.5	290	25.2	337	29.3	31
Bradford	639	12	1.9	246	38.6	144	22.6	235	36.9	2
Bucks	5,461	146	2.7	2,577	48.2	1,396	26.1	1,224	22.9	118
Butler	1,677	48	3.4	662	46.6	380	26.8	330	23.2	257
Cambria	1,193	41	3.5	458	38.8	301	25.5	381	32.3	12
Cameron	28	0	ND	5	ND	8	ND	14	51.9	1
Carbon	604	17	2.8	224	37.5	128	21.4	229	38.3	6
Centre	1,065	29	2.8	508	49.1	255	24.7	242	23.4	31
Chester	5,233	118	2.3	2,703	52.2	1,353	26.1	1,006	19.4	53
Clarion	359	6	ND	102	35.5	68	23.7	111	38.7	72
Clearfield	677	15	2.3	252	38.0	176	26.5	220	33.2	14
Clinton	411	11	2.8	168	42.4	98	24.7	119	30.1	15
Columbia	544	20	3.7	217	40.1	133	24.6	171	31.6	3
Crawford	830	27	3.5	314	40.3	170	21.8	269	34.5	50
Cumberland	2,600	60	2.3	1,043	40.8	721	28.2	734	28.7	42
Dauphin	3,334	112	3.4	1,279	39.4	866	26.7	991	30.5	86
Delaware	6,277	144	2.4	2,688	45.4	1,544	26.1	1,545	26.1	356
Elk	253	10	4.0	110	43.8	68	27.1	63	25.1	2
Erie	2,611	68	2.7	990	38.7	684	26.7	817	31.9	52
Fayette	1,271	39	3.2	443	36.5	318	26.2	415	34.2	56
Forest	30	1	ND	8	ND	5	ND	9	ND	7
Franklin	1,616	37	2.4	639	40.7	395	25.2	499	31.8	46
Fulton	142	6	ND	55	39.3	41	29.3	38	27.1	2
Greene	355	9	ND	125	35.6	76	21.7	141	40.2	4
Huntingdon	367	13	3.7	141	39.9	96	27.2	103	29.2	14
Indiana	777	30	4.0	305	40.8	201	26.9	212	28.3	29
Jefferson	472	17	3.9	161	36.8	108	24.7	151	34.6	35

(Continued)

Table B-27  
**Resident Live Births by Pre-Pregnancy Weight Status\* and County**  
**Number and Percent: Pennsylvania, 2020**

County	Total Births	Underweight		Normal Weight		Overweight		Obese		Unknown Number
		Number	%	Number	%	Number	%	Number	%	
Juniata	310	10	3.3	119	39.7	70	23.3	101	33.7	10
Lackawanna	2,044	62	3.1	796	39.9	512	25.7	623	31.3	51
Lancaster	6,858	166	2.5	3,227	48.1	1,723	25.7	1,590	23.7	152
Lawrence	840	35	4.5	284	36.7	208	26.9	247	31.9	66
Lebanon	1,552	59	3.9	623	40.7	392	25.6	455	29.8	23
Lehigh	4,086	98	2.4	1,601	39.8	1,089	27.1	1,231	30.6	67
Luzerne	3,181	124	4.0	1,175	37.7	842	27.0	976	31.3	64
Lycoming	1,172	28	2.5	422	37.5	289	25.7	387	34.4	46
McKean	376	13	3.6	130	35.7	87	23.9	134	36.8	12
Mercer	1,016	39	4.2	362	39.4	231	25.1	287	31.2	97
Mifflin	528	16	3.7	179	41.8	95	22.2	138	32.2	100
Monroe	1,433	31	2.2	484	34.0	390	27.4	517	36.4	11
Montgomery	8,278	197	2.4	4,040	49.9	2,137	26.4	1,716	21.2	188
Montour	220	4	ND	107	49.3	58	26.7	48	22.1	3
Northampton	2,781	76	2.8	1,132	41.1	726	26.3	823	29.9	24
Northumberland	877	21	2.4	338	39.0	214	24.7	293	33.8	11
Perry	467	13	2.8	180	39.0	122	26.5	146	31.7	6
Philadelphia	19,884	651	3.4	7,796	40.6	5,084	26.5	5,668	29.5	685
Pike	403	12	3.0	171	43.1	97	24.4	117	29.5	6
Potter	173	3	ND	67	40.1	40	24.0	57	34.1	6
Schuylkill	1,280	42	3.3	483	38.3	290	23.0	446	35.4	19
Snyder	377	8	ND	147	40.9	87	24.2	117	32.6	18
Somerset	617	18	3.0	203	33.5	149	24.6	236	38.9	11
Sullivan	46	0	ND	20	43.5	10	21.7	16	34.8	0
Susquehanna	340	8	ND	123	36.4	95	28.1	112	33.1	2
Tioga	402	10	2.6	126	32.1	100	25.5	156	39.8	10
Union	406	10	2.5	184	45.8	104	25.9	104	25.9	4
Venango	436	15	4.1	135	37.2	95	26.2	118	32.5	73
Warren	339	10	3.4	122	41.4	66	22.4	97	32.9	44
Washington	1,829	38	2.3	679	40.8	424	25.5	524	31.5	164
Wayne	435	14	3.2	178	41.3	106	24.6	133	30.9	4
Westmoreland	2,839	61	2.4	1,047	41.2	658	25.9	775	30.5	298
Wyoming	207	8	ND	83	40.5	42	20.5	72	35.1	2
York	4,648	140	3.1	1,783	39.2	1,196	26.3	1,429	31.4	100

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

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

Table B-28  
**Resident Live Births by Education of Mother and County**  
**Number and Percent\*: Pennsylvania, 2020**

County	Total Births	Highest Education Level Completed										
		Grade 8 Or Less		Grade 9-12 No Diploma		High School Grad/GED		Some College**		College Degree		Unknown Number
		Number	%	Number	%	Number	%	Number	%	Number	%	
Pennsylvania	130,730	4,535	3.5	10,585	8.2	33,526	25.8	32,028	24.7	49,066	37.8	990
Adams	904	20	2.2	75	8.3	254	28.2	270	30.0	282	31.3	3
Allegheny	12,188	64	0.5	488	4.0	2,470	20.5	2,532	21.0	6,517	54.0	117
Armstrong	577	28	4.9	38	6.6	181	31.4	173	30.0	157	27.2	0
Beaver	1,542	4	ND	114	7.4	408	26.6	462	30.1	545	35.6	9
Bedford	470	29	6.2	38	8.1	167	35.6	139	29.6	96	20.5	1
Berks	4,362	120	2.8	529	12.2	1,232	28.4	1,302	30.0	1,158	26.7	21
Blair	1,181	42	3.6	107	9.1	433	36.7	301	25.5	298	25.2	0
Bradford	639	15	2.4	58	9.1	247	38.7	165	25.9	153	24.0	1
Bucks	5,461	51	0.9	154	2.8	935	17.2	1,318	24.3	2,975	54.8	28
Butler	1,677	2	ND	56	3.4	302	18.1	385	23.1	924	55.4	8
Cambria	1,193	13	1.1	87	7.3	400	33.6	343	28.8	349	29.3	1
Cameron	28	0	ND	6	ND	7	ND	8	ND	7	ND	0
Carbon	604	3	ND	60	10.0	186	30.8	214	35.5	140	23.2	1
Centre	1,065	81	7.6	44	4.1	164	15.4	205	19.3	569	53.5	2
Chester	5,233	329	6.3	268	5.1	695	13.4	724	13.9	3,188	61.3	29
Clarion	359	49	13.7	24	6.7	103	28.8	108	30.2	74	20.7	1
Clearfield	677	36	5.3	64	9.5	222	32.8	203	30.0	152	22.5	0
Clinton	411	71	17.4	30	7.4	132	32.4	81	19.9	93	22.9	4
Columbia	544	9	ND	51	9.4	164	30.3	147	27.2	170	31.4	3
Crawford	830	189	22.9	59	7.1	245	29.7	200	24.2	133	16.1	4
Cumberland	2,600	87	3.4	226	8.7	573	22.1	603	23.3	1,100	42.5	11
Dauphin	3,334	75	2.3	387	11.7	964	29.2	907	27.5	969	29.3	32
Delaware	6,277	96	1.5	328	5.3	1,282	20.7	1,507	24.3	2,988	48.2	76
Elk	253	1	ND	11	4.3	88	34.8	69	27.3	84	33.2	0
Erie	2,611	43	1.7	292	11.3	831	32.1	686	26.5	736	28.4	23
Fayette	1,271	9	ND	182	14.4	437	34.6	382	30.2	253	20.0	8
Forest	30	2	ND	1	ND	13	44.8	7	ND	6	ND	1
Franklin	1,616	86	5.4	186	11.6	524	32.6	423	26.3	388	24.1	9
Fulton	142	0	ND	11	7.7	56	39.4	38	26.8	37	26.1	0
Greene	355	3	ND	33	9.4	121	34.5	115	32.8	79	22.5	4
Huntingdon	367	19	5.2	32	8.7	145	39.5	92	25.1	79	21.5	0
Indiana	777	149	19.2	38	4.9	208	26.8	180	23.2	201	25.9	1
Jefferson	472	106	22.6	27	5.7	125	26.6	122	26.0	90	19.1	2

(Continued)



Table B-28  
**Resident Live Births by Education of Mother and County**  
**Number and Percent\*: Pennsylvania, 2020**

County	Total Births	Highest Education Level Completed										
		Grade 8 Or Less		Grade 9-12 No Diploma		High School Grad/GED		Some College**		College Degree		Unknown Number
		Number	%	Number	%	Number	%	Number	%	Number	%	
Juniata	310	51	16.5	36	11.6	102	32.9	56	18.1	65	21.0	0
Lackawanna	2,044	32	1.6	231	11.4	539	26.6	531	26.2	697	34.3	14
Lancaster	6,858	1,065	15.6	847	12.4	1,591	23.3	1,374	20.1	1,962	28.7	19
Lawrence	840	39	4.7	73	8.7	270	32.3	243	29.1	210	25.1	5
Lebanon	1,552	66	4.3	225	14.6	506	32.8	357	23.1	390	25.3	8
Lehigh	4,086	52	1.3	384	9.5	1,151	28.5	1,150	28.5	1,302	32.2	47
Luzerne	3,181	35	1.1	362	11.4	1,032	32.6	984	31.1	749	23.7	19
Lycoming	1,172	34	2.9	117	10.1	347	29.9	329	28.4	333	28.7	12
McKean	376	12	3.2	35	9.4	150	40.1	90	24.1	87	23.3	2
Mercer	1,016	107	10.6	95	9.4	333	32.9	224	22.1	254	25.1	3
Mifflin	528	153	29.1	37	7.0	158	30.0	104	19.8	74	14.1	2
Monroe	1,433	6	ND	83	5.8	438	30.7	511	35.8	391	27.4	4
Montgomery	8,278	129	1.6	278	3.4	1,123	13.6	1,487	18.1	5,213	63.3	48
Montour	220	12	5.5	24	11.0	34	15.5	38	17.4	111	50.7	1
Northampton	2,781	25	0.9	181	6.5	597	21.6	812	29.4	1,149	41.6	17
Northumberland	877	31	3.6	123	14.1	316	36.2	241	27.6	162	18.6	4
Perry	467	37	7.9	68	14.6	133	28.5	132	28.3	96	20.6	1
Philadelphia	19,884	507	2.6	2,075	10.6	6,068	31.0	4,760	24.3	6,169	31.5	305
Pike	403	0	ND	21	5.2	113	28.2	138	34.4	129	32.2	2
Potter	173	16	9.2	9	ND	68	39.3	42	24.3	38	22.0	0
Schuylkill	1,280	17	1.3	160	12.6	428	33.7	400	31.5	264	20.8	11
Snyder	377	54	14.4	62	16.5	112	29.8	70	18.6	78	20.7	1
Somerset	617	44	7.2	38	6.2	238	38.8	159	25.9	135	22.0	3
Sullivan	46	0	ND	8	ND	14	30.4	15	32.6	9	ND	0
Susquehanna	340	1	ND	32	9.5	114	33.7	109	32.2	82	24.3	2
Tioga	402	0	ND	51	12.7	130	32.3	112	27.9	109	27.1	0
Union	406	22	5.5	77	19.1	99	24.6	64	15.9	141	35.0	3
Venango	436	12	2.8	38	8.8	193	44.7	96	22.2	93	21.5	4
Warren	339	28	8.9	21	6.7	113	36.0	86	27.4	66	21.0	25
Washington	1,829	9	ND	130	7.1	437	24.0	471	25.8	777	42.6	5
Wayne	435	1	ND	27	6.2	109	25.1	149	34.3	148	34.1	1
Westmoreland	2,839	3	ND	154	5.4	671	23.7	851	30.1	1,149	40.6	11
Wyoming	207	0	ND	16	7.7	74	35.7	55	26.6	62	30.0	0
York	4,648	104	2.2	363	7.8	1,411	30.4	1,377	29.7	1,382	29.8	11

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

\*\* Includes an associate degree or some college credit, but no degree.

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

Table B-29  
**Resident Live Births by Marital Status of Mother and County**  
**Number and Percent: Pennsylvania, 2020**

County	Total Births	Married						Unmarried					
		Total Married		Age of Mother (In Years)				Total Unmarried		Age of Mother (In Years)			
		Number	%*	19 & Under		Over 19		Number	%*	19 & Under		Over 19	
				Number	%**	Number	%**			Number	%***	Number	%***
Pennsylvania	130,730	75,301	58.7	214	0.3	75,082	99.7	53,051	41.3	4,691	8.8	48,348	91.2
Adams	904	507	61.9	3	ND	504	99.4	312	38.1	35	11.2	277	88.8
Allegheny	12,188	7,865	64.6	11	0.1	7,854	99.9	4,312	35.4	303	7.0	4,009	93.0
Armstrong	577	324	56.3	2	ND	322	99.4	252	43.8	17	6.7	235	93.3
Beaver	1,542	879	57.2	3	ND	876	99.7	658	42.8	76	11.6	582	88.4
Bedford	470	286	65.9	2	ND	284	99.3	148	34.1	13	8.8	135	91.2
Berks	4,362	2,302	52.8	13	0.6	2,289	99.4	2,057	47.2	218	10.6	1,839	89.4
Blair	1,181	640	54.2	2	ND	638	99.7	540	45.8	59	10.9	481	89.1
Bradford	639	342	53.6	3	ND	339	99.1	296	46.4	38	12.8	258	87.2
Bucks	5,461	3,174	69.7	1	ND	3,173	100.0	1,382	30.3	60	4.3	1,321	95.7
Butler	1,677	1,274	76.0	4	ND	1,270	99.7	402	24.0	29	7.2	372	92.8
Cambria	1,193	639	53.6	2	ND	637	99.7	553	46.4	59	10.7	494	89.3
Cameron	28	10	35.7	0	ND	10	100.0	18	64.3	2	ND	16	88.9
Carbon	604	293	48.7	1	ND	292	99.7	309	51.3	20	6.5	289	93.5
Centre	1,065	863	81.3	1	ND	862	99.9	199	18.7	10	5.0	189	95.0
Chester	5,233	3,878	77.7	8	ND	3,870	99.8	1,111	22.3	84	7.6	1,027	92.4
Clarion	359	235	65.5	1	ND	234	99.6	124	34.5	10	8.1	114	91.9
Clearfield	677	387	57.2	5	ND	382	98.7	290	42.8	25	8.6	265	91.4
Clinton	411	249	60.7	2	ND	247	99.2	161	39.3	14	8.7	147	91.3
Columbia	544	299	55.0	0	ND	299	100.0	245	45.0	18	7.3	227	92.7
Crawford	830	534	64.3	4	ND	530	99.3	296	35.7	39	13.2	257	86.8
Cumberland	2,600	1,820	70.2	5	ND	1,815	99.7	774	29.8	59	7.6	715	92.4
Dauphin	3,334	1,688	50.7	9	ND	1,678	99.5	1,639	49.3	153	9.3	1,485	90.7
Delaware	6,277	3,641	59.4	1	ND	3,640	100.0	2,488	40.6	174	7.0	2,313	93.0
Elk	253	141	55.7	0	ND	141	100.0	112	44.3	6	ND	106	94.6
Erie	2,611	1,224	46.9	3	ND	1,221	99.8	1,387	53.1	149	10.7	1,238	89.3
Fayette	1,271	557	44.0	1	ND	556	99.8	708	56.0	76	10.7	632	89.3
Forest	30	18	60.0	0	ND	18	100.0	12	40.0	0	ND	12	100.0
Franklin	1,616	891	60.8	1	ND	890	99.9	575	39.2	58	10.1	517	89.9
Fulton	142	64	53.8	0	ND	64	100.0	55	46.2	5	ND	50	90.9
Greene	355	186	52.7	0	ND	186	100.0	167	47.3	24	14.4	143	85.6
Huntingdon	367	218	59.4	3	ND	215	98.6	149	40.6	26	17.4	123	82.6
Indiana	777	533	68.6	4	ND	529	99.2	244	31.4	26	10.7	218	89.3
Jefferson	472	325	68.9	5	ND	320	98.5	147	31.1	17	11.6	130	88.4

(Continued)

Table B-29  
**Resident Live Births by Marital Status of Mother and County**  
**Number and Percent: Pennsylvania, 2020**

County	Total Births	Married						Unmarried					
		Total Married		Age of Mother (In Years)				Total Unmarried		Age of Mother (In Years)			
		Number	%*	19 & Under	%**	Over 19	%**	Number	%*	19 & Under	%***	Over 19	%***
Juniata	310	225	72.6	1	ND	224	99.6	85	27.4	12	14.1	73	85.9
Lackawanna	2,044	1,037	50.9	2	ND	1,035	99.8	999	49.1	80	8.0	919	92.0
Lancaster	6,858	5,046	73.7	10	0.2	5,035	99.8	1,797	26.3	169	9.4	1,627	90.6
Lawrence	840	442	52.6	3	ND	439	99.3	398	47.4	40	10.1	358	89.9
Lebanon	1,552	959	61.8	2	ND	957	99.8	592	38.2	62	10.5	530	89.5
Lehigh	4,086	2,080	51.0	7	ND	2,073	99.7	1,996	49.0	191	9.6	1,804	90.4
Luzerne	3,181	1,414	44.7	2	ND	1,412	99.9	1,750	55.3	172	9.8	1,577	90.2
Lycoming	1,172	585	50.0	4	ND	581	99.3	584	50.0	53	9.1	530	90.9
McKean	376	163	43.6	1	ND	162	99.4	211	56.4	18	8.5	193	91.5
Mercer	1,016	561	55.2	2	ND	559	99.6	455	44.8	51	11.2	404	88.8
Mifflin	528	364	69.1	4	ND	360	98.9	163	30.9	13	8.0	150	92.0
Monroe	1,433	702	50.2	0	ND	702	100.0	696	49.8	39	5.6	657	94.4
Montgomery	8,278	6,199	75.2	5	ND	6,194	99.9	2,040	24.8	137	6.7	1,901	93.3
Montour	220	164	74.5	0	ND	164	100.0	56	25.5	6	ND	50	89.3
Northampton	2,781	1,620	59.1	5	ND	1,615	99.7	1,119	40.9	100	8.9	1,019	91.1
Northumberland	877	436	49.8	2	ND	434	99.5	440	50.2	50	11.4	390	88.6
Perry	467	308	66.0	1	ND	305	99.7	159	34.0	20	12.6	139	87.4
Philadelphia	19,884	8,245	41.9	38	0.5	8,207	99.5	11,418	58.1	1,021	8.9	10,396	91.1
Pike	403	193	55.8	1	ND	192	99.5	153	44.2	9	ND	144	94.1
Potter	173	97	56.4	1	ND	96	99.0	75	43.6	10	13.5	64	86.5
Schuylkill	1,280	574	45.0	3	ND	571	99.5	702	55.0	58	8.3	644	91.7
Snyder	377	270	71.8	1	ND	268	99.6	106	28.2	14	13.2	92	86.8
Somerset	617	370	62.1	0	ND	370	100.0	226	37.9	21	9.3	205	90.7
Sullivan	46	25	54.3	0	ND	25	100.0	21	45.7	2	ND	19	90.5
Susquehanna	340	179	52.6	1	ND	178	99.4	161	47.4	10	6.2	151	93.8
Tioga	402	215	53.5	1	ND	214	99.5	187	46.5	26	13.9	161	86.1
Union	406	313	77.1	0	ND	313	100.0	93	22.9	10	10.8	83	89.2
Venango	436	228	52.3	0	ND	228	100.0	208	47.7	25	12.0	183	88.0
Warren	339	213	62.8	3	ND	210	98.6	126	37.2	17	13.5	109	86.5
Washington	1,829	1,175	64.3	0	ND	1,175	100.0	652	35.7	50	7.7	602	92.3
Wayne	435	257	59.8	0	ND	257	100.0	173	40.2	13	7.5	160	92.5
Westmoreland	2,839	1,777	62.7	3	ND	1,774	99.8	1,055	37.3	77	7.3	978	92.7
Wyoming	207	115	55.8	2	ND	113	98.3	91	44.2	9	ND	82	90.1
York	4,648	2,464	55.9	9	ND	2,455	99.6	1,942	44.1	204	10.5	1,738	89.5

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

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

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

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

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

Table B-30  
**Resident Live Births by Trimester of First Prenatal Visit and County**  
**Number and Percent\*: Pennsylvania, 2020**

County	Total Births	Trimester In Pregnancy						Unknown Number	No Prenatal Visits	
		First		Second		Third			Number	%
		Number	%	Number	%	Number	%			
Pennsylvania	130,730	92,945	73.7	24,176	19.2	6,673	5.3	4,668	2,268	1.8
Adams	904	626	70.5	220	24.8	39	4.4	16	3	ND
Allegheny	12,188	9,607	86.8	1,096	9.9	286	2.6	1,126	73	0.7
Armstrong	577	443	80.7	70	12.8	33	6.0	28	3	ND
Beaver	1,542	1,184	80.3	224	15.2	59	4.0	67	8	ND
Bedford	470	353	75.6	95	20.3	12	2.6	3	7	ND
Berks	4,362	3,458	80.3	710	16.5	115	2.7	56	23	0.5
Blair	1,181	946	80.6	182	15.5	36	3.1	8	9	ND
Bradford	639	446	70.5	152	24.0	26	4.1	6	9	ND
Bucks	5,461	4,038	76.4	946	17.9	258	4.9	178	41	0.8
Butler	1,677	1,312	83.1	180	11.4	71	4.5	98	16	1.0
Cambria	1,193	946	79.6	189	15.9	42	3.5	4	12	1.0
Cameron	28	22	84.6	4	ND	0	ND	2	0	ND
Carbon	604	469	78.0	92	15.3	26	4.3	3	14	2.3
Centre	1,065	806	76.4	168	15.9	73	6.9	10	8	ND
Chester	5,233	4,006	78.0	918	17.9	189	3.7	96	24	0.5
Clarion	359	267	76.9	61	17.6	16	4.6	12	3	ND
Clearfield	677	493	73.9	110	16.5	54	8.1	10	10	1.5
Clinton	411	268	66.7	102	25.4	28	7.0	9	4	ND
Columbia	544	401	74.7	106	19.7	29	5.4	7	1	ND
Crawford	830	482	59.9	217	27.0	102	12.7	25	4	ND
Cumberland	2,600	1,699	67.3	622	24.6	178	7.0	75	26	1.0
Dauphin	3,334	2,155	66.5	783	24.2	273	8.4	95	28	0.9
Delaware	6,277	4,573	74.9	1,097	18.0	293	4.8	175	139	2.3
Elk	253	193	83.9	28	12.2	8	ND	23	1	ND
Erie	2,611	2,095	81.5	346	13.5	108	4.2	42	20	0.8
Fayette	1,271	841	69.9	258	21.4	61	5.1	68	43	3.6
Forest	30	22	75.9	5	ND	1	ND	1	1	ND
Franklin	1,616	1,167	74.1	307	19.5	89	5.7	42	11	0.7
Fulton	142	105	76.6	30	21.9	2	ND	5	0	ND
Greene	355	251	71.1	73	20.7	21	5.9	2	8	ND
Huntingdon	367	274	76.5	55	15.4	23	6.4	9	6	ND
Indiana	777	499	65.3	124	16.2	115	15.1	13	26	3.4
Jefferson	472	323	69.6	64	13.8	68	14.7	8	9	ND

(Continued)

Table B-30  
**Resident Live Births by Trimester of First Prenatal Visit and County**  
**Number and Percent\*: Pennsylvania, 2020**

County	Total Births	Trimester In Pregnancy						Unknown Number	No Prenatal Visits	
		First		Second		Third			Number	%
		Number	%	Number	%	Number	%			
Juniata	310	180	61.2	93	31.6	18	6.1	16	3	ND
Lackawanna	2,044	1,478	74.5	372	18.8	112	5.6	60	22	1.1
Lancaster	6,858	4,051	62.0	2,114	32.4	336	5.1	329	28	0.4
Lawrence	840	579	71.7	171	21.2	46	5.7	33	11	1.4
Lebanon	1,552	1,042	69.1	359	23.8	91	6.0	43	17	1.1
Lehigh	4,086	3,151	78.1	654	16.2	204	5.1	53	24	0.6
Luzerne	3,181	2,047	65.4	828	26.5	189	6.0	53	64	2.0
Lycoming	1,172	893	77.6	196	17.0	55	4.8	21	7	ND
McKean	376	234	64.3	103	28.3	24	6.6	12	3	ND
Mercer	1,016	658	68.5	209	21.8	82	8.5	56	11	1.1
Mifflin	528	277	56.5	118	24.1	86	17.6	38	9	ND
Monroe	1,433	1,024	72.2	297	20.9	81	5.7	15	16	1.1
Montgomery	8,278	6,516	80.9	1,125	14.0	307	3.8	227	103	1.3
Montour	220	150	69.8	40	18.6	21	9.8	5	4	ND
Northampton	2,781	2,273	82.3	348	12.6	119	4.3	19	22	0.8
Northumberland	877	643	74.0	159	18.3	51	5.9	8	16	1.8
Perry	467	285	63.3	122	27.1	32	7.1	17	11	2.4
Philadelphia	19,884	11,950	63.2	4,472	23.6	1,339	7.1	970	1,153	6.1
Pike	403	285	71.8	89	22.4	17	4.3	6	6	ND
Potter	173	124	73.4	30	17.8	12	7.1	4	3	ND
Schuylkill	1,280	885	70.7	288	23.0	61	4.9	28	18	1.4
Snyder	377	213	57.4	122	32.9	29	7.8	6	7	ND
Somerset	617	418	68.4	128	20.9	46	7.5	6	19	3.1
Sullivan	46	31	67.4	12	26.1	3	ND	0	0	ND
Susquehanna	340	222	67.3	78	23.6	23	7.0	10	7	ND
Tioga	402	304	76.0	79	19.8	15	3.8	2	2	ND
Union	406	274	68.2	105	26.1	19	4.7	4	4	ND
Venango	436	349	81.4	58	13.5	18	4.2	7	4	ND
Warren	339	217	72.3	58	19.3	20	6.7	39	5	ND
Washington	1,829	1,422	80.2	279	15.7	53	3.0	55	20	1.1
Wayne	435	318	74.0	83	19.3	24	5.6	5	5	ND
Westmoreland	2,839	2,240	82.1	402	14.7	66	2.4	112	19	0.7
Wyoming	207	156	76.5	41	20.1	6	ND	3	1	ND
York	4,648	3,286	72.0	910	19.9	334	7.3	84	34	0.7

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

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

Table B-31  
**Resident Live Births by Place of Delivery  
Attendant at Birth, and County, Pennsylvania, 2020**

County	Total Births	Hospital				Non-Hospital			
		Physician	Midwife	Other	Unknown	Physician	Midwife	Other	Unknown
Pennsylvania	130,730	106,226	18,677	526	8	9	3,817	1,444	22
Adams	904	461	414	0	0	0	22	7	0
Allegheny	12,188	11,129	817	3	0	0	211	27	1
Armstrong	577	477	63	3	0	0	19	15	0
Beaver	1,542	1,487	30	2	0	0	17	6	0
Bedford	470	368	62	0	0	0	13	27	0
Berks	4,362	3,238	961	3	0	0	148	12	0
Blair	1,181	1,055	74	1	0	0	31	20	0
Bradford	639	494	115	3	0	0	16	10	1
Bucks	5,461	5,011	387	4	0	0	46	13	0
Butler	1,677	1,376	269	1	0	0	28	3	0
Cambria	1,193	716	458	0	0	0	9	10	0
Cameron	28	20	8	0	0	0	0	0	0
Carbon	604	470	121	3	0	0	4	6	0
Centre	1,065	914	43	3	0	0	42	63	0
Chester	5,233	4,759	161	8	0	0	265	40	0
Clarion	359	265	55	0	0	0	24	15	0
Clearfield	677	362	283	0	0	0	19	13	0
Clinton	411	228	105	0	0	0	27	51	0
Columbia	544	366	158	1	0	0	13	6	0
Crawford	830	650	86	1	0	0	33	60	0
Cumberland	2,600	1,594	828	6	0	0	156	16	0
Dauphin	3,334	2,494	740	3	0	0	58	38	1
Delaware	6,277	5,801	332	27	3	0	94	18	2
Elk	253	191	61	0	0	0	0	1	0
Erie	2,611	2,238	343	0	0	1	14	15	0
Fayette	1,271	1,157	94	5	0	8	2	5	0
Forest	30	22	7	0	0	0	0	1	0
Franklin	1,616	975	489	11	0	0	126	15	0
Fulton	142	84	54	0	0	0	2	2	0
Greene	355	326	27	0	0	0	1	1	0
Huntingdon	367	281	59	0	0	0	16	11	0
Indiana	777	601	56	0	0	0	59	61	0
Jefferson	472	209	203	0	0	0	37	23	0

(Continued)

Table B-31  
**Resident Live Births by Place of Delivery  
Attendant at Birth, and County, Pennsylvania, 2020**

County	Total Births	Hospital				Non-Hospital			
		Physician	Midwife	Other	Unknown	Physician	Midwife	Other	Unknown
Juniata	310	153	88	0	0	0	35	34	0
Lackawanna	2,044	1,775	250	1	0	0	8	8	2
Lancaster	6,858	3,383	2,101	71	0	0	1,115	187	1
Lawrence	840	742	66	2	0	0	15	15	0
Lebanon	1,552	1,214	201	3	0	0	126	7	1
Lehigh	4,086	3,467	572	5	0	0	25	17	0
Luzerne	3,181	2,746	390	1	0	0	21	21	2
Lycoming	1,172	599	537	0	0	0	13	23	0
McKean	376	288	75	1	0	0	3	4	5
Mercer	1,016	768	174	0	0	0	39	35	0
Mifflin	528	245	133	0	1	0	98	50	1
Monroe	1,433	985	408	2	0	0	29	9	0
Montgomery	8,278	7,232	871	12	2	0	138	23	0
Montour	220	172	29	0	0	0	8	11	0
Northampton	2,781	2,647	100	1	0	0	19	14	0
Northumberland	877	607	222	1	0	0	16	31	0
Perry	467	237	161	0	0	0	53	16	0
Philadelphia	19,884	17,691	1,573	313	2	0	203	99	3
Pike	403	287	104	0	0	0	9	3	0
Potter	173	114	45	1	0	0	8	5	0
Schuylkill	1,280	1,139	109	0	0	0	22	9	1
Snyder	377	176	113	0	0	0	43	45	0
Somerset	617	336	240	2	0	0	31	8	0
Sullivan	46	31	14	0	0	0	0	1	0
Susquehanna	340	267	64	1	0	0	4	3	1
Tioga	402	316	75	0	0	0	6	5	0
Union	406	184	141	0	0	0	35	46	0
Venango	436	391	36	1	0	0	4	4	0
Warren	339	170	130	1	0	0	5	33	0
Washington	1,829	1,725	80	2	0	0	16	6	0
Wayne	435	267	153	0	0	0	12	3	0
Westmoreland	2,839	2,670	123	10	0	0	24	12	0
Wyoming	207	169	36	0	0	0	2	0	0
York	4,648	3,214	1,300	7	0	0	80	46	0

Table B-32  
**Resident Live Births by Smoking Status During Pregnancy and County  
 Number and Percent\*: Pennsylvania, 2020**

County	Total Births	Smoking Status During Pregnancy				Unknown Number
		Yes		No		
		Number	%	Number	%	
Pennsylvania	130,730	11,145	8.7	117,170	91.3	2,415
Adams	904	88	9.8	807	90.2	9
Allegheny	12,188	845	7.0	11,176	93.0	167
Armstrong	577	105	18.3	468	81.7	4
Beaver	1,542	227	14.9	1,295	85.1	20
Bedford	470	61	13.1	406	86.9	3
Berks	4,362	254	5.9	4,064	94.1	44
Blair	1,181	192	16.3	983	83.7	6
Bradford	639	101	15.9	536	84.1	2
Bucks	5,461	278	5.2	5,099	94.8	84
Butler	1,677	162	9.7	1,503	90.3	12
Cambria	1,193	204	17.1	986	82.9	3
Cameron	28	7	ND	21	75.0	0
Carbon	604	116	19.5	480	80.5	8
Centre	1,065	64	6.1	978	93.9	23
Chester	5,233	162	3.1	4,981	96.9	90
Clarion	359	52	14.6	305	85.4	2
Clearfield	677	137	20.4	535	79.6	5
Clinton	411	58	14.4	345	85.6	8
Columbia	544	72	13.5	460	86.5	12
Crawford	830	182	22.1	641	77.9	7
Cumberland	2,600	176	6.8	2,400	93.2	24
Dauphin	3,334	275	8.4	2,995	91.6	64
Delaware	6,277	302	5.0	5,718	95.0	257
Elk	253	51	20.5	198	79.5	4
Erie	2,611	389	14.9	2,220	85.1	2
Fayette	1,271	287	23.2	952	76.8	32
Forest	30	7	ND	23	76.7	0
Franklin	1,616	149	9.3	1,457	90.7	10
Fulton	142	22	15.8	117	84.2	3
Greene	355	89	25.1	266	74.9	0
Huntingdon	367	58	16.0	305	84.0	4
Indiana	777	101	13.1	672	86.9	4
Jefferson	472	67	14.3	401	85.7	4

(Continued)



Table B-32  
**Resident Live Births by Smoking Status During Pregnancy and County  
 Number and Percent\*: Pennsylvania, 2020**

County	Total Births	Smoking Status During Pregnancy				Unknown Number
		Yes		No		
		Number	%	Number	%	
Juniata	310	39	12.8	266	87.2	5
Lackawanna	2,044	327	16.2	1,695	83.8	22
Lancaster	6,858	364	5.4	6,368	94.6	126
Lawrence	840	180	21.6	655	78.4	5
Lebanon	1,552	117	7.6	1,415	92.4	20
Lehigh	4,086	278	6.9	3,750	93.1	58
Luzerne	3,181	437	14.4	2,604	85.6	140
Lycoming	1,172	188	16.2	976	83.8	8
McKean	376	86	23.3	283	76.7	7
Mercer	1,016	170	16.8	839	83.2	7
Mifflin	528	75	14.4	446	85.6	7
Monroe	1,433	147	10.3	1,280	89.7	6
Montgomery	8,278	270	3.3	7,889	96.7	119
Montour	220	13	6.0	205	94.0	2
Northampton	2,781	183	6.6	2,587	93.4	11
Northumberland	877	158	18.5	695	81.5	24
Perry	467	51	11.1	409	88.9	7
Philadelphia	19,884	874	4.6	18,241	95.4	769
Pike	403	37	9.2	365	90.8	1
Potter	173	26	15.2	145	84.8	2
Schuylkill	1,280	232	18.4	1,027	81.6	21
Snyder	377	38	10.3	332	89.7	7
Somerset	617	112	18.2	502	81.8	3
Sullivan	46	6	ND	40	87.0	0
Susquehanna	340	60	17.8	277	82.2	3
Tioga	402	74	18.5	326	81.5	2
Union	406	27	6.7	375	93.3	4
Venango	436	113	26.0	321	74.0	2
Warren	339	72	21.4	265	78.6	2
Washington	1,829	246	13.7	1,547	86.3	36
Wayne	435	61	14.1	372	85.9	2
Westmoreland	2,839	336	12.0	2,465	88.0	38
Wyoming	207	37	18.4	164	81.6	6
York	4,648	371	8.0	4,251	92.0	26

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

Notes: Smoking status is defined as cigarette use.

Some counties may have high numbers of unknown.

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

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

Table B-33  
**Resident Live Births by Race and Hispanic Origin of Mother  
for Selected Municipalities, Number and Rate: Pennsylvania, 2020**

Municipality	Total Births	Birth Rate*	Race				Hispanic Origin
			White	Black	Asian/ Pacific Islander	Multi-Race	
Pennsylvania	130,730	10.1	90,711	18,581	6,068	4,688	16,700
Allentown	1,838	14.6	835	287	35	95	1,232
Altoona	497	11.3	446	32	1	17	8
Bethel Park	304	9.1	272	6	17	2	5
Bethlehem	807	10.7	453	98	28	56	371
Chambersburg	296	13.3	164	34	3	15	110
Chester	495	15.1	48	359	2	30	71
Easton	293	10.5	130	75	5	14	112
Erie	1,187	12.5	600	327	50	125	161
Harrisburg	887	17.7	222	396	21	83	306
Hazleton	471	15.8	128	32	6	7	386
Johnstown	247	13.4	127	90	1	20	12
Lancaster	818	14.2	386	126	27	89	388
Lebanon	390	14.6	287	31	5	8	215
Monroeville	266	9.3	162	49	37	8	9
Murrysville	144	6.9	131	2	6	2	2
New Castle	309	14.1	235	41	1	26	10
Norristown	545	15.2	117	170	9	34	260
Philadelphia	19,884	12.4	6,170	8,094	1,486	864	4,138
Pittsburgh	2,874	9.5	1,547	951	227	71	105
Plum	234	8.6	206	15	6	3	5
Pottstown	382	16.3	217	82	4	48	42
Reading	1,481	15.6	456	159	15	108	1,176
Scranton	840	11.1	505	102	43	46	253
State College	125	3.1	83	6	20	4	9
West Mifflin	197	10.1	119	61	5	10	5
Wilkes-Barre	526	11.8	206	127	8	45	217
Williamsport	359	13.0	233	78	9	28	18
York	742	16.6	249	200	6	86	324
All Other Areas	93,292	9.4	75,977	6,551	3,985	2,744	6,750

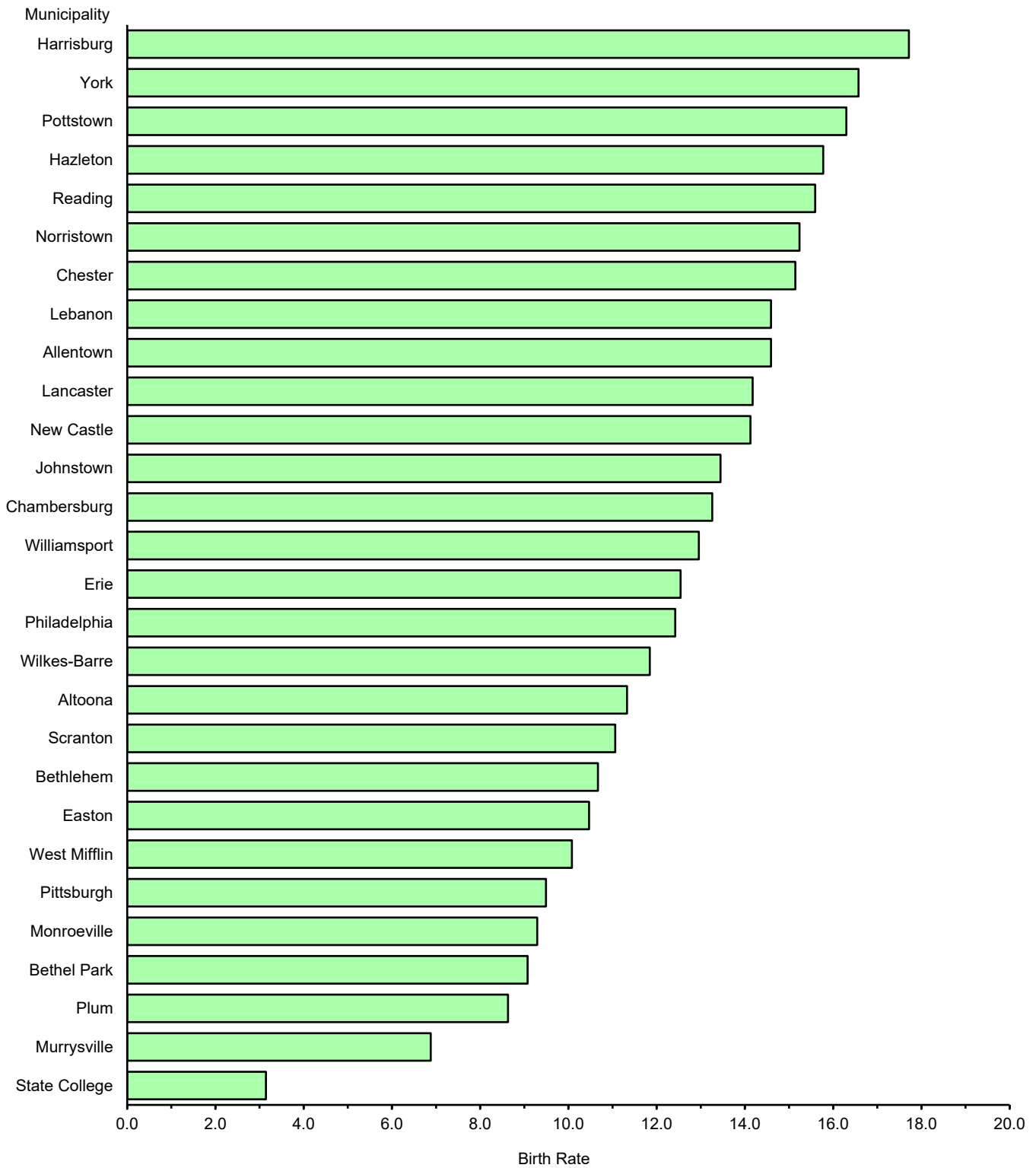
\* Birth rate per 1,000 population for each specified area, 2020.

Notes: Hispanic origin can be of any race.

See Technical Notes for criteria used in municipality selection.

Starting with 2013, the categorization for race data has changed. Please refer to Section J of the Technical Notes for further explanation.

Figure B-11  
**Resident Birth Rates for Selected Municipalities**  
**Pennsylvania, 2020**



Note: Rate per 1,000 population, 2020. See Table B-33 for corresponding data.

Table B-34  
**Resident Live Births by Race and Hispanic Origin of Mother**  
**for Selected Municipalities, Number and Average Annual Rate: Pennsylvania, 2016-2020**

Municipality	Total Births 2016-2020	Birth Rate*	Race				Hispanic Origin
			White	Black	Asian/ Pacific Islander	Multi-Race	
Pennsylvania	677,781	10.6	472,923	94,690	31,485	22,527	80,320
Allentown	9,886	16.2	4,366	1,431	221	510	6,411
Altoona	2,531	11.5	2,299	103	11	100	45
Bethel Park	1,517	9.3	1,359	22	90	20	28
Bethlehem	4,088	10.8	2,279	466	181	222	1,742
Chambersburg	1,649	15.5	897	180	19	92	586
Chester	2,638	15.6	248	1,932	18	164	369
Easton	1,631	12.0	822	327	34	119	562
Erie	6,546	13.6	3,467	1,612	276	649	803
Harrisburg	4,384	17.8	1,006	1,936	141	490	1,327
Hazleton	2,513	19.5	726	140	29	54	1,989
Johnstown	1,310	13.6	778	405	9	80	46
Lancaster	4,452	15.1	2,058	679	211	390	2,030
Lebanon	2,022	15.6	1,451	129	19	74	1,113
Monroeville	1,443	10.4	851	278	224	52	31
Murrysville	722	7.2	646	10	46	9	6
New Castle	1,525	13.9	1,104	240	6	146	56
Norristown	2,960	17.1	679	916	56	197	1,294
Philadelphia	103,791	13.1	31,138	42,976	7,929	3,900	20,317
Pittsburgh	15,752	10.4	8,367	5,212	1,266	430	511
Plum	1,245	9.2	1,122	72	23	12	16
Pottstown	1,931	16.9	1,109	448	33	198	251
Reading	8,165	18.2	2,480	779	96	532	6,293
Scranton	4,354	11.3	2,691	498	256	223	1,139
State College	662	3.2	405	24	145	27	41
West Mifflin	1,064	10.8	687	293	13	55	22
Wilkes-Barre	2,677	12.9	1,198	630	48	189	902
Williamsport	1,816	12.8	1,283	324	19	149	68
York	3,878	17.6	1,299	951	44	435	1,619
All Other Areas	480,629	9.8	396,108	31,677	20,022	13,009	30,703

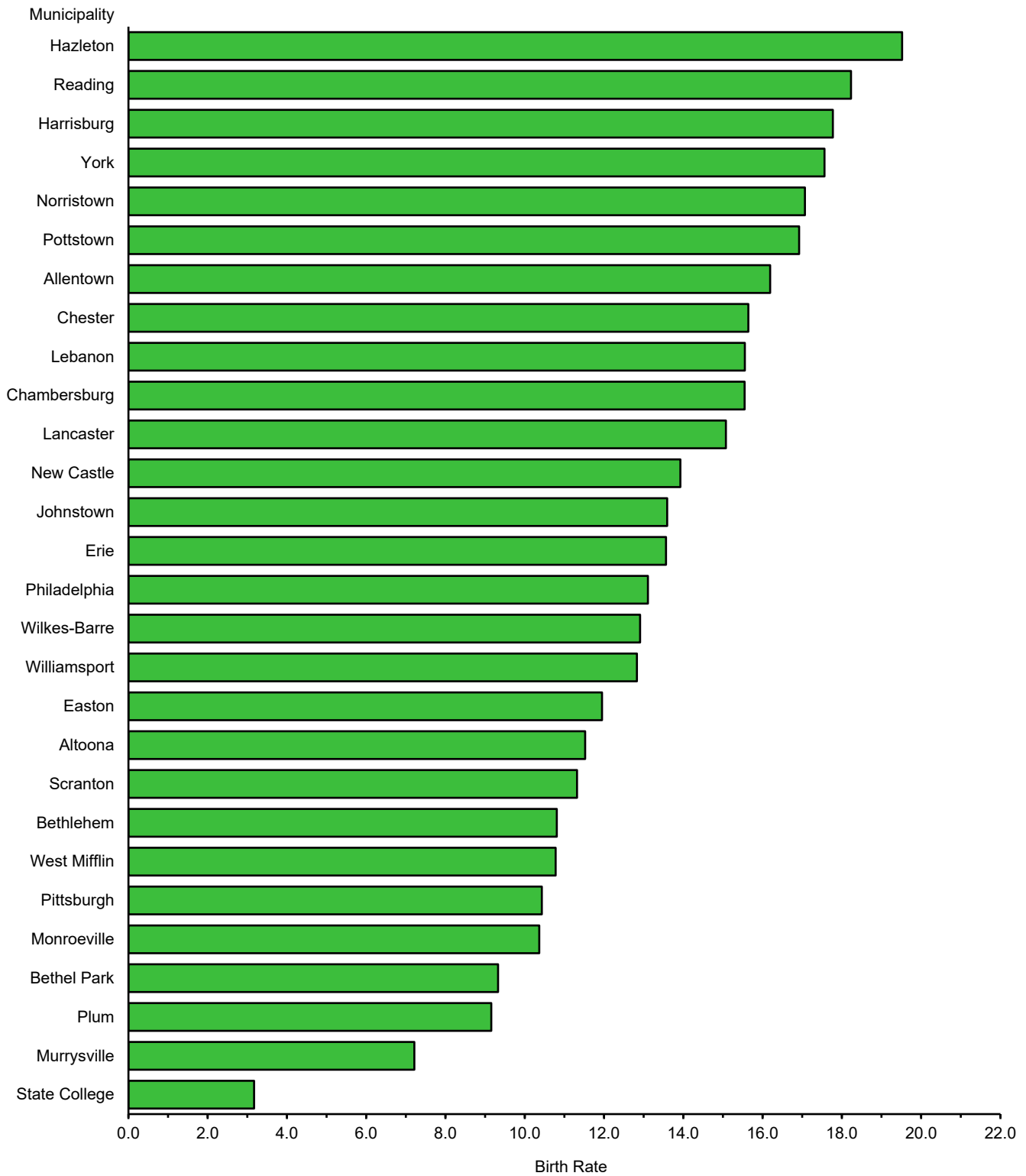
\* Birth rate per 1,000 population for each specified area, 2016-2020.

Note: Hispanic origin can be of any race.

See Technical Notes for criteria used in municipality selection.

Starting with 2013, the categorization for race data has changed. Please refer to Section J of the Technical Notes for further explanation.

Figure B-12  
**Resident Average Annual Birth Rates for Selected Municipalities  
 Pennsylvania, 2016-2020**



Note: Rate per 1,000 population, 2016-2020. See Table B-34 for corresponding data.

Table B-35  
**Resident Live Births by Age of Mother for Selected Municipalities  
 Pennsylvania, 2020**

Municipality	Total Births	Age of Mother (In Years)								Unknown
		Under 15	15 - 19	20 - 24	25 - 29	30 - 34	35 - 39	40 - 44	45 & Over	
Pennsylvania	130,730	57	4,877	21,529	36,894	42,157	20,867	4,050	281	18
Allentown	1,838	2	157	489	559	391	191	49	0	0
Altoona	497	1	28	146	149	117	46	9	1	0
Bethel Park	304	0	4	16	72	147	57	7	1	0
Bethlehem	807	0	43	158	236	225	111	29	5	0
Chambersburg	296	3	16	91	84	68	26	7	1	0
Chester	495	0	40	119	172	113	39	11	1	0
Easton	293	0	21	68	93	65	37	9	0	0
Erie	1,187	1	95	313	376	261	109	30	2	0
Harrisburg	887	0	77	237	264	200	90	19	0	0
Hazleton	471	0	46	137	134	92	52	7	3	0
Johnstown	247	0	22	75	77	51	19	3	0	0
Lancaster	818	0	53	202	252	200	90	18	3	0
Lebanon	390	0	34	126	114	76	24	15	1	0
Monroeville	266	0	4	33	70	89	60	8	2	0
Murrysville	144	0	1	2	35	56	38	11	1	0
New Castle	309	0	23	77	111	63	30	5	0	0
Norristown	545	1	50	116	161	131	65	21	0	0
Philadelphia	19,884	13	1,052	3,519	5,257	6,102	3,192	701	47	1
Pittsburgh	2,874	3	109	381	729	1,022	519	99	12	0
Plum	234	0	1	23	68	98	38	6	0	0
Pottstown	382	0	17	85	118	107	42	12	1	0
Reading	1,481	3	155	464	453	261	115	29	1	0
Scranton	840	0	42	194	237	219	129	13	6	0
State College	125	0	1	8	32	52	27	5	0	0
West Mifflin	197	0	5	38	62	55	32	5	0	0
Wilkes-Barre	526	0	39	142	147	114	68	15	1	0
Williamsport	359	0	28	100	106	73	39	12	1	0
York	742	3	80	234	219	127	56	20	3	0
All Other Areas	93,292	27	2,634	13,936	26,507	31,582	15,526	2,875	188	17

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

Table B-36  
**Resident Live Births by Birth Weight for Selected Municipalities**  
**Number and Percent\*: Pennsylvania, 2020**

Municipality	Total Births	Birth Weight								Unknown Weight Number
		< 1,500 Grams		1,500 - 2,499 Grams		2,500 - 3,999 Grams		4,000 Grams and Over		
		Number	%	Number	%	Number	%	Number	%	
Pennsylvania	130,730	1,772	1.4	9,082	7.0	109,020	83.6	10,598	8.1	258
Allentown	1,838	35	1.9	155	8.4	1,544	84.0	104	5.7	0
Altoona	497	7	ND	28	5.6	427	85.9	35	7.0	0
Bethel Park	304	2	ND	14	4.6	253	83.2	35	11.5	0
Bethlehem	807	14	1.7	61	7.6	670	83.1	61	7.6	1
Chambersburg	296	3	ND	23	7.8	247	83.7	22	7.5	1
Chester	495	12	2.4	74	14.9	392	79.2	17	3.4	0
Easton	293	7	ND	28	9.6	243	82.9	15	5.1	0
Erie	1,187	22	1.9	114	9.6	992	83.6	58	4.9	1
Harrisburg	887	23	2.6	105	11.8	718	80.9	41	4.6	0
Hazleton	471	3	ND	31	6.6	413	87.7	24	5.1	0
Johnstown	247	3	ND	26	10.5	204	82.6	14	5.7	0
Lancaster	818	14	1.7	54	6.6	687	84.0	63	7.7	0
Lebanon	390	5	ND	35	9.0	332	85.1	18	4.6	0
Monroeville	266	4	ND	22	8.3	215	81.4	23	8.7	2
Murrysville	144	1	ND	2	ND	122	84.7	19	13.2	0
New Castle	309	7	ND	31	10.0	255	82.5	16	5.2	0
Norristown	545	5	ND	52	9.5	453	83.1	35	6.4	0
Philadelphia	19,884	415	2.1	1,789	9.0	16,568	83.4	1,097	5.5	15
Pittsburgh	2,874	57	2.0	239	8.4	2,395	84.0	159	5.6	24
Plum	234	2	ND	17	7.3	192	82.1	23	9.8	0
Pottstown	382	11	2.9	30	7.9	317	83.0	24	6.3	0
Reading	1,481	25	1.7	129	8.7	1,239	83.7	88	5.9	0
Scranton	840	13	1.6	68	8.1	706	84.3	50	6.0	3
State College	125	2	ND	4	ND	105	84.7	13	10.5	1
West Mifflin	197	5	ND	15	7.7	169	86.2	7	ND	1
Wilkes-Barre	526	8	ND	46	8.7	436	82.9	36	6.8	0
Williamsport	359	4	ND	33	9.2	302	84.1	20	5.6	0
York	742	12	1.6	84	11.3	607	81.8	39	5.3	0
All Other Areas	93,292	1,051	1.1	5,773	6.2	77,817	83.6	8,442	9.1	209

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

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

Very low birth weight is defined as 1,499 grams and less.

Low birth weight is defined as 2,499 grams and less.

High birth weight is defined as 4,000 grams and more.

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

See Technical Notes.

Table B-37  
**Resident Live Births by Education of Mother**  
**for Selected Municipalities, Number and Percent\*: Pennsylvania, 2020**

Municipality	Total Births	Highest Education Level Completed										
		Grade 8 Or Less		Grade 9-12 No Diploma		High School Grad/GED		Some College**		College Degree		Unknown
		Number	%	Number	%	Number	%	Number	%	Number	%	
Pennsylvania	130,730	4,535	3.5	10,585	8.2	33,526	25.8	32,028	24.7	49,066	37.8	990
Allentown	1,838	40	2.2	296	16.4	726	40.2	522	28.9	220	12.2	34
Altoona	497	4	ND	66	13.3	208	41.9	137	27.6	82	16.5	0
Bethel Park	304	0	ND	5	ND	30	10.0	52	17.3	214	71.1	3
Bethlehem	807	9	ND	80	10.0	219	27.3	244	30.5	249	31.1	6
Chambersburg	296	32	11.1	40	13.8	94	32.5	65	22.5	58	20.1	7
Chester	495	14	2.9	69	14.3	252	52.2	115	23.8	33	6.8	12
Easton	293	9	ND	48	16.4	105	36.0	87	29.8	43	14.7	1
Erie	1,187	32	2.7	198	16.9	467	39.8	310	26.4	166	14.2	14
Harrisburg	887	28	3.2	170	19.5	355	40.7	229	26.3	90	10.3	15
Hazleton	471	13	2.8	101	21.8	185	39.9	124	26.7	41	8.8	7
Johnstown	247	0	ND	41	16.6	139	56.3	55	22.3	12	4.9	0
Lancaster	818	33	4.0	106	13.0	313	38.4	199	24.4	164	20.1	3
Lebanon	390	5	ND	79	20.5	177	45.9	91	23.6	34	8.8	4
Monroeville	266	0	ND	9	ND	48	18.4	56	21.5	148	56.7	5
Murrysville	144	0	ND	1	ND	10	7.0	25	17.6	106	74.6	2
New Castle	309	4	ND	47	15.3	141	45.9	83	27.0	32	10.4	2
Norristown	545	77	14.3	98	18.2	177	32.8	108	20.0	79	14.7	6
Philadelphia	19,884	507	2.6	2,075	10.6	6,068	31.0	4,760	24.3	6,169	31.5	305
Pittsburgh	2,874	25	0.9	168	5.9	698	24.6	610	21.5	1,334	47.1	39
Plum	234	0	ND	3	ND	27	11.6	54	23.3	148	63.8	2
Pottstown	382	2	ND	40	10.6	125	33.1	114	30.2	97	25.7	4
Reading	1,481	55	3.7	363	24.7	587	40.0	406	27.6	58	3.9	12
Scranton	840	29	3.5	149	18.0	267	32.2	224	27.0	161	19.4	10
State College	125	0	ND	3	ND	8	ND	13	10.6	99	80.5	2
West Mifflin	197	1	ND	8	ND	80	40.8	56	28.6	51	26.0	1
Wilkes-Barre	526	10	1.9	78	15.0	213	40.9	170	32.6	50	9.6	5
Williamsport	359	4	ND	51	14.4	140	39.7	107	30.3	51	14.4	6
York	742	26	3.5	143	19.3	342	46.2	184	24.8	46	6.2	1
All Other Areas	93,292	3,576	3.9	6,050	6.5	21,325	23.0	22,828	24.6	39,031	42.1	482

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

\*\* Includes an associate degree or some college credit, but no degree.

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

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



Table B-38  
**Resident Live Births by Marital Status of Mother**  
**For Selected Municipalities, Number and Percent: Pennsylvania, 2020**

Municipality	Total Births	Married						Unmarried					
		Total Married		Age of Mother (In Years)				Total Unmarried		Age of Mother (In Years)			
		Number	%*	Number	%**	Number	%**	Number	%*	Number	%***	Number	%***
Pennsylvania	130,730	75,301	58.7	214	0.3	75,082	99.7	53,051	41.3	4,691	8.8	48,348	91.2
Allentown	1,838	566	30.9	4	ND	562	99.3	1,268	69.1	155	12.2	1,113	87.8
Altoona	497	206	41.5	1	ND	205	99.5	290	58.5	28	9.7	262	90.3
Bethel Park	304	261	85.9	0	ND	261	100.0	43	14.1	4	ND	39	90.7
Bethlehem	807	354	44.1	1	ND	353	99.7	449	55.9	42	9.4	407	90.6
Chambersburg	296	123	42.7	0	ND	123	100.0	165	57.3	19	11.5	146	88.5
Chester	495	58	12.0	0	ND	58	100.0	425	88.0	39	9.2	386	90.8
Easton	293	100	34.7	0	ND	100	100.0	188	65.3	21	11.2	167	88.8
Erie	1,187	355	29.9	2	ND	353	99.4	832	70.1	94	11.3	738	88.7
Harrisburg	887	200	22.6	2	ND	198	99.0	684	77.4	75	11.0	609	89.0
Hazleton	471	160	34.2	0	ND	160	100.0	308	65.8	45	14.6	263	85.4
Johnstown	247	52	21.1	0	ND	52	100.0	195	78.9	22	11.3	173	88.7
Lancaster	818	331	40.5	2	ND	329	99.4	487	59.5	51	10.5	436	89.5
Lebanon	390	113	29.0	2	ND	111	98.2	276	71.0	32	11.6	244	88.4
Monroeville	266	186	69.9	0	ND	186	100.0	80	30.1	4	ND	76	95.0
Murrysville	144	123	86.0	0	ND	123	100.0	20	14.0	1	ND	19	95.0
New Castle	309	88	28.5	1	ND	87	98.9	221	71.5	22	10.0	199	90.0
Norristown	545	153	28.2	3	ND	150	98.0	390	71.8	46	11.8	344	88.2
Philadelphia	19,884	8,245	41.9	38	0.5	8,207	99.5	11,418	58.1	1,021	8.9	10,396	91.1
Pittsburgh	2,874	1,561	54.4	1	ND	1,560	99.9	1,310	45.6	111	8.5	1,199	91.5
Plum	234	181	77.4	0	ND	181	100.0	53	22.6	1	ND	52	98.1
Pottstown	382	152	40.0	1	ND	151	99.3	228	60.0	16	7.0	212	93.0
Reading	1,481	389	26.3	5	ND	384	98.7	1,092	73.7	153	14.0	939	86.0
Scranton	840	318	37.9	1	ND	317	99.7	521	62.1	41	7.9	480	92.1
State College	125	104	83.9	0	ND	104	100.0	20	16.1	1	ND	19	95.0
West Mifflin	197	88	44.9	0	ND	88	100.0	108	55.1	5	ND	103	95.4
Wilkes-Barre	526	142	27.2	1	ND	141	99.3	380	72.8	37	9.7	343	90.3
Williamsport	359	108	30.3	0	ND	108	100.0	249	69.7	28	11.2	221	88.8
York	742	167	22.7	4	ND	163	97.6	570	77.3	79	13.9	491	86.1
All Other Areas	93,292	60,417	66.2	145	0.2	60,267	99.8	30,781	33.8	2,498	8.1	28,272	91.9

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

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

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

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

See Technical Notes for criteria used in municipality selection.

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

Table B-39  
**Resident Live Births by Trimester of First Prenatal Visit**  
**For Selected Municipalities, Number and Percent\*: Pennsylvania, 2020**

Municipality	Total Births	Trimester in Pregnancy						Unknown Number	No Prenatal Visits	
		1st Trimester		2nd Trimester		3rd Trimester			Number	%
		Number	%	Number	%	Number	%			
Pennsylvania	130,730	92,945	73.7	24,176	19.2	6,673	5.3	4,668	2,268	1.8
Allentown	1,838	1,304	72.1	381	21.1	105	5.8	30	18	1.0
Altoona	497	405	82.0	74	15.0	12	2.4	3	3	ND
Bethel Park	304	241	85.8	36	12.8	4	ND	23	0	ND
Bethlehem	807	653	81.2	114	14.2	30	3.7	3	7	ND
Chambersburg	296	225	77.9	52	18.0	12	4.2	7	0	ND
Chester	495	277	57.8	138	28.8	35	7.3	16	29	6.1
Easton	293	190	66.2	64	22.3	28	9.8	6	5	ND
Erie	1,187	912	78.1	187	16.0	57	4.9	20	11	0.9
Harrisburg	887	508	59.3	248	28.9	87	10.2	30	14	1.6
Hazleton	471	259	55.6	153	32.8	44	9.4	5	10	2.1
Johnstown	247	173	70.3	57	23.2	11	4.5	1	5	ND
Lancaster	818	551	71.3	168	21.7	49	6.3	45	5	ND
Lebanon	390	240	63.3	106	28.0	28	7.4	11	5	ND
Monroeville	266	217	87.5	20	8.1	6	ND	18	5	ND
Murrysville	144	125	91.9	8	ND	2	ND	8	1	ND
New Castle	309	204	68.9	71	24.0	13	4.4	13	8	ND
Norristown	545	302	58.2	161	31.0	45	8.7	26	11	2.1
Philadelphia	19,884	11,950	63.2	4,472	23.6	1,339	7.1	970	1,153	6.1
Pittsburgh	2,874	2,226	86.5	249	9.7	88	3.4	301	10	0.4
Plum	234	200	92.6	15	6.9	1	ND	18	0	ND
Pottstown	382	276	73.6	64	17.1	20	5.3	7	15	4.0
Reading	1,481	1,077	73.5	329	22.5	51	3.5	16	8	ND
Scranton	840	546	67.3	199	24.5	55	6.8	29	11	1.4
State College	125	96	78.0	19	15.4	8	ND	2	0	ND
West Mifflin	197	159	86.9	17	9.3	5	ND	14	2	ND
Wilkes-Barre	526	285	55.3	181	35.1	32	6.2	11	17	3.3
Williamsport	359	260	74.3	70	20.0	16	4.6	9	4	ND
York	742	478	65.7	176	24.2	60	8.2	14	14	1.9
All Other Areas	93,292	68,606	76.0	16,347	18.1	4,430	4.9	3,012	897	1.0

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

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

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

Table B-40  
**Resident Live Births by Smoking Status During Pregnancy  
for Selected Municipalities, Number and Percent\*: Pennsylvania, 2020**

Municipality	Total Births	Smoking Status During Pregnancy				Unknown Number
		Yes		No		
		Number	%	Number	%	
Pennsylvania	130,730	11,145	8.7	117,170	91.3	2,415
Allentown	1,838	161	9.0	1,634	91.0	43
Altoona	497	95	19.2	400	80.8	2
Bethel Park	304	3	ND	300	99.0	1
Bethlehem	807	47	5.8	757	94.2	3
Chambersburg	296	23	7.9	268	92.1	5
Chester	495	56	12.6	390	87.4	49
Easton	293	30	10.3	262	89.7	1
Erie	1,187	211	17.8	975	82.2	1
Harrisburg	887	98	11.3	772	88.7	17
Hazleton	471	38	8.3	418	91.7	15
Johnstown	247	64	25.9	183	74.1	0
Lancaster	818	75	9.6	706	90.4	37
Lebanon	390	43	11.2	340	88.8	7
Monroeville	266	6	ND	256	97.7	4
Murrysville	144	4	ND	137	97.2	3
New Castle	309	104	33.9	203	66.1	2
Norristown	545	34	6.4	497	93.6	14
Philadelphia	19,884	874	4.6	18,241	95.4	769
Pittsburgh	2,874	257	9.1	2,571	90.9	46
Plum	234	4	ND	229	98.3	1
Pottstown	382	51	13.8	319	86.2	12
Reading	1,481	92	6.3	1,370	93.7	19
Scranton	840	147	17.8	679	82.2	14
State College	125	4	ND	121	96.8	0
West Mifflin	197	25	13.2	164	86.8	8
Wilkes-Barre	526	74	15.5	403	84.5	49
Williamsport	359	79	22.3	276	77.7	4
York	742	67	9.1	673	90.9	2
All Other Areas	93,292	8,379	9.1	83,626	90.9	1,287

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

Notes: Smoking status is defined as cigarette use.

See Technical Notes for criteria used in municipality selection. Some municipalities may have high numbers of unknowns.

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

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

# DEATHS

# LIST OF DATA TABLES AND ILLUSTRATIONS

<b>DEATH DATA TABLES</b>	<b>PAGE</b>
Table C-1 Resident Deaths, Live Births, Infant, Neonatal, and Maternal Deaths: Pennsylvania, 1950, 1955, 1960-2020.....	78
Table C-2 Rates for Deaths, Live Births, Infant, Neonatal, and Maternal Deaths: Pennsylvania and United States, 1950, 1955, 1960-2020 .....	79
Table C-3 Resident Deaths by Age Group, Number and Rate: Pennsylvania, 2020, 2010, 2000, 1990, 1980, 1970 .....	81
Table C-4A Resident Deaths by Age and Sex, Number and Rate: Pennsylvania, 2020.....	82
Table C-4B Resident Deaths by Age and Sex - White Race, Number and Rate: Pennsylvania, 2020.....	83
Table C-4C Resident Deaths by Age and Sex - Black Race, Number and Rate: Pennsylvania, 2020.....	83
Table C-4D Resident Deaths by Age and Sex - Asian/Pacific Islander Races, Number and Rate: Pennsylvania, 2020.....	84
Table C-4E Resident Deaths by Age and Sex – Multi-Race, Number and Rate: Pennsylvania, 2020.....	84
Table C-4F Resident Deaths by Age and Sex – Hispanic Origin, Number and Rate: Pennsylvania, 2020.....	85
Table C-5 Age-Adjusted Death Rates by Sex, Pennsylvania Residents, 1970, 1975-2020.....	86
Table C-6 Age-Adjusted Death Rates by Race and Hispanic Origin, Pennsylvania Residents, 1980, 1985-2020.....	87
Table C-7A Infant, Neonatal, and Postneonatal Deaths by Race and Hispanic Origin, Pennsylvania Residents, 1980, 1985, 1990, 1995-2020.....	88
Table C-7B Infant, Neonatal, and Postneonatal Mortality Rates by Race and Hispanic Origin, Pennsylvania Residents, 1980, 1985, 1990, 1995-2020.....	88
Table C-8 Leading Causes of Death, Pennsylvania Residents, 2020, 2010, 2000, 1990, 1980, 1970.....	90
Table C-9A Median Age at Death by Race and Hispanic Origin, Pennsylvania Residents, 1980, 1985, 1990, 1995-2020.....	92
Table C-9B Median Age at Death by Race, Hispanic Origin, and Sex, Pennsylvania Residents, 1980, 1985, 1990, 1995-2020.....	92
Table C-9C Median Age at Death for Selected Leading Causes by Race, Hispanic Origin, and Sex, Pennsylvania Residents, 2020.....	93
Table C-10 Age-Adjusted Death Rates for Selected Leading Causes by Race, Hispanic Origin, and Sex, Pennsylvania Residents, 2020.....	93
Table C-11A Selected Causes of Death by Age Group, Number and Rank: Pennsylvania Residents, 2020.....	94
Table C-11B Selected Causes of Death by Age Group - Males, Number and Rank: Pennsylvania Residents, 2020.....	95
Table C-11C Selected Causes of Death by Age Group - Females, Number and Rank: Pennsylvania Residents, 2020.....	96

## LIST OF DATA TABLES AND ILLUSTRATIONS

<b>DEATH DATA TABLES (CONTINUED)</b>	<b>PAGE</b>
Table C-11D Selected Causes of Death by Age Group - White Race, Number and Rank: Pennsylvania Residents, 2020.....	97
Table C-11E Selected Causes of Death by Age Group - Black Race, Number and Rank: Pennsylvania Residents, 2020.....	98
Table C-11F Selected Causes of Death by Age Group - Hispanic Origin, Number and Rank: Pennsylvania Residents, 2020.....	99
Table C-12A Resident Death Rates for Selected Causes of Death by Age Group, Pennsylvania, 2020.....	100
Table C-12B Resident Death Rates for Selected Causes of Death by Age Group, Males, Pennsylvania, 2020.....	101
Table C-12C Resident Death Rates for Selected Causes of Death by Age Group, Females, Pennsylvania, 2020.....	102
Table C-12D Resident Death Rates for Selected Causes of Death by Age Group, White Race, Pennsylvania, 2020.....	103
Table C-12E Resident Death Rates for Selected Causes of Death by Age Group, Black Race, Pennsylvania, 2020.....	104
Table C-12F Resident Death Rates for Selected Causes of Death by Age Group, Hispanic Origin, Pennsylvania, 2020.....	105
Table C-13 Number of Deaths, Age-Adjusted Death Rates and 95% Confidence Intervals for Selected Causes of Death, Pennsylvania Residents, 2020 and Average Annual, 2016-2020, and Age-Adjusted Death Rates, United States, 2020.....	106
Table C-14 Resident Deaths by Cause, Number and Rate: Pennsylvania, 2020.....	107
Table C-15 Resident Infant Deaths by Cause and Age at Death, Number and Rate: Pennsylvania, 2020.....	116
Table C-16A Deaths Due to Diseases of Heart, Number of Deaths, Age-Adjusted Death Rates and 95% Confidence Intervals, Pennsylvania and United States, 1970, 1975, 1980, 1985, 1990-2020.....	121
Table C-16B Resident Diseases of Heart Deaths by Type and Sex, Number and Percent: Pennsylvania, 2020.....	122
Table C-16C Resident Diseases of Heart Deaths by Type and Race, Males, Number and Percent: Pennsylvania, 2020.....	123
Table C-16D Resident Diseases of Heart Deaths by Type and Race, Females, Number and Percent: Pennsylvania, 2020.....	123
Table C-17A Malignant Neoplasm Deaths, Number of Deaths, Age-Adjusted Death Rates and 95% Confidence Intervals: Pennsylvania and United States, 1970, 1975, 1980, 1985, 1990-2020.....	124
Table C-17B Resident Malignant Neoplasm Deaths by Site and Age, Males, Pennsylvania, 2020.....	125

## LIST OF DATA TABLES AND ILLUSTRATIONS

<b>DEATH DATA TABLES (CONTINUED)</b>	<b>PAGE</b>
Table C-17C Resident Malignant Neoplasm Deaths by Site and Age, Females, Pennsylvania, 2020.....	126
Table C-17D Resident Malignant Neoplasm Deaths by Site and Race, Males, Number and Rate: Pennsylvania, 2020 .....	127
Table C-17E Resident Malignant Neoplasm Deaths by Site and Race, Females, Number and Rate: Pennsylvania, 2020 .....	128
Table C-18A Deaths Due to Accidents, Number of Deaths, Age-Adjusted Death Rates and 95% Confidence Intervals: Pennsylvania and United States, 1970, 1975, 1980, 1985, 1990-2020 .....	129
Table C-18B Resident Deaths Due to Accidents by Type and Age, Pennsylvania, 2020 .....	130
Table C-18C Resident Deaths Due to Accidents by Type and Sex, Number and Percent: Pennsylvania, 2020.....	130
Table C-19 Cerebrovascular Disease Deaths, Number of Deaths, Age-Adjusted Death Rates and 95% Confidence Intervals: Pennsylvania and United States, 1970, 1975, 1980, 1985, 1990-2020 .....	132
Table C-20 Influenza and Pneumonia Deaths, Number of Deaths, Age-Adjusted Death Rates and 95% Confidence Intervals: Pennsylvania and United States, 1970, 1975, 1980, 1985, 1990-2020 .....	133
Table C-21A Intentional Self-harm (Suicide) Deaths, Number of Deaths, Age-Adjusted Death Rates and 95% Confidence Intervals: Pennsylvania and United States, 1970, 1975, 1980, 1985, 1990-2020 .....	134
Table C-21B Resident Intentional Self-harm (Suicide) Deaths by Age, Race, and Sex, Pennsylvania, 2020.....	135
Table C-22A Deaths Due to HIV Disease, Number and Rate: Pennsylvania and United States, 1987-2020 .....	136
Table C-22B Resident Deaths Due to HIV Disease by Age, Race, Hispanic Origin, and Sex, Pennsylvania, 2020.....	137
Table C-23A Assault (Homicide) Deaths, Number of Deaths, Age-Adjusted Death Rates and 95% Confidence Intervals: Pennsylvania and United States, 1970, 1975, 1980, 1985, 1990-2020 .....	138
Table C-23B Resident Assault (Homicide) Deaths by Age, Race, Hispanic Origin, and Sex, Pennsylvania, 2020.....	139
Table C-24 Resident Live Births, All Deaths, Infant Deaths, and Neonatal Deaths by County, Number and Rate: Pennsylvania, 2020 .....	140
Table C-25 Resident Deaths, Infant Deaths, and Neonatal Deaths by County, Number and Average Annual Rate: Pennsylvania, 2016-2020.....	141
Table C-26 Number of Deaths, Age-Adjusted Death Rates and 95% Confidence Intervals by Sex and County, Pennsylvania Residents, 2020.....	144
Table C-27 Number of Deaths, Average Annual Age-Adjusted Death Rates and 95% Confidence Intervals by Sex and County, Pennsylvania Residents, 2016-2020 .....	145

## LIST OF DATA TABLES AND ILLUSTRATIONS

<b>DEATH DATA TABLES (CONTINUED)</b>	<b>PAGE</b>
Table C-28 Number of Deaths, Average Annual Age-Adjusted Premature Mortality Rates and 95% Confidence Intervals by Sex and County, Pennsylvania Residents <75 Years, 2016-2020.....	146
Table C-29 Average Annual Age-Adjusted Death Rates and 95% Confidence Intervals for Selected Causes of Death by County, Pennsylvania Residents, 2016-2020.....	147
Table C-30 Resident Deaths by Age Group and County, Pennsylvania, 2020.....	151
Table C-31 Resident Deaths by Race, Hispanic Origin, and County, Pennsylvania, 2020.....	153
Table C-32 Resident Deaths by Race, Hispanic Origin, and County, Pennsylvania, 2016-2020.....	155
Table C-33 Selected Causes of Death by County, Pennsylvania Residents, 2020.....	157
Table C-34 Selected Causes of Death by County, Number and Average Annual Rate: Pennsylvania Residents, 2016-2020.....	162
Table C-35 Resident Live Births, All Deaths, Infant, and Neonatal Deaths for Selected Municipalities, Number and Rate: Pennsylvania, 2020.....	163
Table C-36 Resident Deaths, Infant, and Neonatal Deaths for Selected Municipalities, Number and Average Annual Rate: Pennsylvania, 2016-2020.....	165
Table C-37 Resident Deaths by Age Group for Selected Municipalities, Pennsylvania, 2020.....	168
Table C-38 Resident Deaths by Race and Hispanic Origin for Selected Municipalities, Pennsylvania, 2020.....	169
Table C-39 Resident Infant Deaths by Race and Hispanic Origin for Selected Municipalities, Pennsylvania, 2020.....	170
Table C-40 Resident Infant Deaths by Race and Hispanic Origin for Selected Municipalities, Pennsylvania, 2016-2020.....	171
Table C-41 Selected Causes of Death for Selected Municipalities, Pennsylvania Residents, 2020.....	172
Table C-42 Selected Causes of Death for Selected Municipalities, Number and Average Annual Rate: Pennsylvania Residents, 2016-2020.....	177
<b>DEATH DATA ILLUSTRATIONS</b>	
Figure C-1 Crude Death Rates, Pennsylvania and United States, 1950-2020.....	80
Figure C-2 Infant and Neonatal Mortality Rates, Pennsylvania and United States, 1950-2020.....	80
Figure C-3 Resident Deaths, Percent by Age Group, Pennsylvania, 1970, 1980, 1990, 2000, 2010, and 2020.....	81
Figure C-4 Vital Events Summary Chart, Pennsylvania Residents, 2020.....	82
Figure C-5 Age-Adjusted Death Rates by Sex, Pennsylvania Residents, 1970-2020.....	86
Figure C-6 Age-Adjusted Death Rates by Race and Hispanic Origin, Pennsylvania Residents, 1980-2020.....	87



## LIST OF DATA TABLES AND ILLUSTRATIONS

DEATH DATA ILLUSTRATIONS (CONTINUED)	PAGE
Figure C-7A Resident Infant, Neonatal and Postneonatal Mortality Rates, Pennsylvania 1980-2020.....	89
Figure C-7B Resident Infant Mortality Rates by Race and Hispanic Origin, Pennsylvania 1980-2020 .....	89
Figure C-8 Resident Deaths, Percent by Five Leading Causes, Pennsylvania, 2020 and 1970 .....	91
Figure C-9 Diseases of Heart Age-Adjusted Death Rates, Pennsylvania and United States, 1980-2020 .....	121
Figure C-10 Resident Diseases of Heart Deaths, Percent by Type, Pennsylvania, 2020 .....	122
Figure C-11 Malignant Neoplasm Age-Adjusted Death Rates, Pennsylvania and United States, 1980-2020 .....	124
Figure C-12 Resident Malignant Neoplasm Deaths, Males, Percent by Site, Pennsylvania, 2020 .....	125
Figure C-13 Resident Malignant Neoplasm Deaths, Females, Percent by Site, Pennsylvania, 2020.....	126
Figure C-14 Resident Malignant Neoplasm Death Rates by Site and Race, Males, Pennsylvania, 2020.....	127
Figure C-15 Resident Malignant Neoplasm Death Rates by Site and Race, Females, Pennsylvania, 2020.....	128
Figure C-16 Accident Age-Adjusted Death Rates, Pennsylvania and United States, 1980-2020 .....	129
Figure C-17 Resident Deaths Due to Accidents, Percent by Age Group, Pennsylvania, 2020 .....	131
Figure C-18 Resident Deaths Due to Accidents, Percent by Type, Pennsylvania, 2020 .....	131
Figure C-19 Cerebrovascular Disease Age-Adjusted Death Rates, Pennsylvania and United States, 1980-2020 .....	132
Figure C-20 Influenza and Pneumonia Age-Adjusted Death Rates, Pennsylvania and United States, 1980-2020 .....	133
Figure C-21 Intentional Self-harm (Suicide) Age-Adjusted Death Rates, Pennsylvania and United States, 1980-2020 .....	134
Figure C-22 Resident Intentional Self-harm (Suicide) Deaths, Percent by Age Group, Pennsylvania, 2020.....	135
Figure C-23 HIV Disease Death Rates, Pennsylvania and United States, 1987-2020 .....	136
Figure C-24 Resident Deaths Due to HIV Disease, Percent by Age Group, Pennsylvania, 2020.....	137
Figure C-25 Assault (Homicide) Age-Adjusted Death Rates, Pennsylvania and United States, 1980-2020 .....	138
Figure C-26 Resident Assault (Homicide) Deaths, Percent by Age Group, Pennsylvania, 2020.....	139
Figure C-27 State Map: Resident Crude Death Rates by County, Pennsylvania, 2020.....	142
Figure C-28 State Map: Resident Average Annual Age-Adjusted Death Rates by County, Pennsylvania, 2016-2020 .....	142

## LIST OF DATA TABLES AND ILLUSTRATIONS

<b>DEATH DATA ILLUSTRATIONS (CONTINUED)</b>	<b>PAGE</b>
Figure C-29 State Map: Resident Average Annual Infant Death Rates by County, Pennsylvania, 2016-2020 .....	143
Figure C-30 State Map: Resident Average Annual Neonatal Death Rates by County, Pennsylvania, 2016-2020 .....	143
Figure C-31 State Map: Average Annual Age-Adjusted Death Rates for Diseases of Heart by County, Pennsylvania Residents, 2016-2020.....	149
Figure C-32 State Map: Average Annual Age-Adjusted Death Rates for Malignant Neoplasms by County, Pennsylvania Residents, 2016-2020.....	149
Figure C-33 State Map: Average Annual Age-Adjusted Death Rates for Cerebrovascular Disease by County, Pennsylvania Residents, 2016-2020.....	150
Figure C-34 State Map: Average Annual Age-Adjusted Death Rates for Chronic Lower Respiratory Disease by County, Pennsylvania Residents, 2016-2020 .....	150
Figure C-35 Resident Crude Death Rates for Selected Municipalities, Pennsylvania, 2020 .....	164
Figure C-36 Resident Average Annual Crude Death Rates for Selected Municipalities, Pennsylvania, 2016-2020 .....	166
Figure C-37 Resident Average Annual Infant Mortality Rates for Selected Municipalities, Pennsylvania, 2016-2020 .....	167

Table C-1  
**Resident Deaths, Live Births, Infant, Neonatal, and Maternal Deaths**  
**Pennsylvania, 1950, 1955, 1960-2020**

Year	Total Deaths Number	Live Births Number	Infant Deaths Number	Neonatal Deaths Number	Maternal Deaths Number
2020	155,551	130,730	726	494	13
2019	133,932	134,247	788	549	18
2018	134,645	135,677	802	569	14
2017	135,577	137,771	840	598	11
2016	132,724	139,356	856	619	16
2015	132,278	140,727	868	618	16
2014	127,773	142,113	850	588	18
2013	128,704	140,424	940	681	17
2012	125,432	140,873	987	699	13
2011	127,122	142,021	930	643	9
2010	123,473	142,370	1,035	736	20
2009	123,924	145,472	1,044	715	20
2008	126,332	148,934	1,090	779	21
2007	123,967	150,322	1,123	739	20
2006	124,460	148,706	1,122	806	18
2005	128,447	145,033	1,047	742	14
2004	126,602	144,194	1,026	692	13
2003	128,890	145,485	1,060	775	19
2002	129,396	142,380	1,081	792	11
2001	129,648	143,404	1,038	736	15
2000	130,092	145,874	1,023	718	13
1999	129,430	144,828	1,025	723	11
1998	126,312	145,606	1,056	745	12
1997	127,414	143,967	1,090	758	10
1996	128,028	147,890	1,145	796	10
1995	126,524	150,848	1,164	797	10
1994	126,761	156,431	1,272	851	8
1993	125,595	159,666	1,357	915	12
1992	122,759	163,523	1,467	978	10
1991	121,581	167,726	1,520	991	12
1990	121,081	171,532	1,627	1,077	11
1989	122,956	168,108	1,696	1,171	13
1988	125,337	165,169	1,615	1,092	8
1987	124,986	162,348	1,654	1,164	8
1986	123,852	160,336	1,628	1,084	14
1985	123,233	160,001	1,734	1,201	11
1984	121,358	156,799	1,634	1,129	12
1983	121,066	157,810	1,764	1,229	10
1982	118,450	161,561	1,853	1,320	8
1981	119,612	160,179	1,902	1,357	7
1980	123,233	158,670	2,095	1,529	12
1979	117,097	157,533	2,118	1,548	12
1978	119,279	151,438	2,031	1,540	19
1977	118,853	153,415	2,137	1,608	19
1976	120,882	148,004	2,276	1,746	26
1975	120,459	148,942	2,423	1,855	10
1974	122,943	151,458	2,584	2,013	11
1973	126,483	153,272	2,607	1,980	21
1972	127,136	163,110	2,912	2,244	20
1971	126,597	180,939	3,314	2,548	36
1970	126,564	192,154	3,879	3,027	40
1969	126,704	185,046	3,865	3,003	37
1968	130,802	185,729	4,015	3,154	33
1967	125,494	188,706	4,158	3,261	48
1966	126,820	195,869	4,323	3,354	50
1965	125,670	204,105	4,737	3,592	44
1964	123,845	218,515	5,029	3,869	62
1963	126,199	221,537	5,178	3,979	69
1962	122,989	226,393	5,370	4,135	60
1961	120,543	240,172	5,639	4,357	71
1960	121,163	241,099	5,921	4,557	76
1955	113,458	242,591	5,962	4,649	94
1950	110,212	221,635	6,126	4,578	170

Table C-2  
**Rates\* for Deaths, Live Births, Infant, Neonatal, and Maternal Deaths  
 Pennsylvania and United States, 1950, 1955, 1960-2020**

Year	Total Death Rate		Live Birth Rate		Infant Mortality Rate		Neonatal Mortality Rate		Maternal Mortality Rate	
	PA	U.S.	PA	U.S.	PA	U.S.	PA	U.S.	PA	U.S.
2020	12.0	NA	10.1	11.0	5.6	NA	3.8	NA	9.9	NA
2019	10.5	8.7	10.5	11.4	5.9	5.6	4.1	3.7	13.4	20.1
2018	10.5	8.7	10.6	11.6	5.9	5.6	4.2	3.8	10.3	17.4
2017	10.6	8.6	10.8	11.8	6.1	5.8	4.3	3.8	8.0	NA
2016	10.4	8.5	10.9	12.2	6.1	5.9	4.4	3.9	11.5	NA
2015	10.3	8.4	11.0	12.4	6.2	5.9	4.4	3.9	11.4	NA
2014	10.0	8.2	11.1	12.5	6.0	5.8	4.1	3.9	12.7	NA
2013	10.1	8.2	11.0	12.4	6.7	6.0	4.8	4.0	12.1	NA
2012	9.8	8.1	11.0	12.6	7.0	6.0	5.0	4.0	9.2	NA
2011	10.0	8.1	11.1	12.7	6.5	6.1	4.5	4.1	ND	NA
2010	9.7	8.0	11.2	13.0	7.3	6.1	5.2	4.0	14.0	NA
2009	9.8	7.9	11.5	13.5	7.2	6.4	4.9	4.2	13.7	NA
2008	10.1	8.1	12.0	14.0	7.3	6.6	5.2	4.3	14.1	NA
2007	10.0	8.0	12.1	14.3	7.5	6.8	4.9	4.4	13.3	12.7
2006	10.0	8.1	12.0	14.2	7.5	6.7	5.4	4.5	12.1	13.3
2005	10.3	8.3	11.7	14.0	7.2	6.9	5.1	4.5	9.7	15.1
2004	10.2	8.2	11.6	14.0	7.1	6.8	4.8	4.5	9.0	13.1
2003	10.4	8.3	11.8	14.1	7.3	6.9	5.3	4.6	13.1	12.1
2002	10.5	8.5	11.5	13.9	7.6	7.0	5.6	4.7	7.7	8.9
2001	10.6	8.5	11.7	14.1	7.2	6.8	5.1	4.5	10.5	9.9
2000	10.6	8.5	11.9	14.4	7.0	6.9	4.9	4.6	8.9	9.8
1999	10.8	8.8	12.1	14.5	7.1	7.1	5.0	4.7	7.6	9.9
1998	10.5	8.6	12.1	14.6	7.3	7.2	5.1	4.8	8.2	7.1
1997	10.6	8.6	12.0	14.5	7.6	7.2	5.3	4.8	6.9	8.4
1996	10.6	8.7	12.3	14.7	7.7	7.3	5.4	4.8	6.8	7.6
1995	10.5	8.8	12.5	14.8	7.7	7.6	5.3	4.9	6.6	7.1
1994	10.5	8.8	13.0	15.2	8.1	8.0	5.4	5.1	ND	8.3
1993	10.4	8.8	13.3	15.5	8.5	8.4	5.7	5.3	7.5	7.5
1992	10.2	8.5	13.6	15.9	9.0	8.5	6.0	5.4	6.1	7.8
1991	10.2	8.6	14.0	16.3	9.1	8.9	5.9	5.6	7.2	7.9
1990	10.2	8.6	14.4	16.7	9.5	9.2	6.3	5.8	6.4	8.2
1989	10.2	8.7	14.0	16.4	10.1	9.8	7.0	6.2	7.7	7.9
1988	10.4	8.8	13.8	16.0	9.8	10.0	6.6	6.3	ND	8.4
1987	10.5	8.7	13.6	15.7	10.2	10.1	7.2	6.5	ND	6.6
1986	10.4	8.7	13.5	15.6	10.2	10.4	6.8	6.7	8.7	7.2
1985	10.4	8.7	13.5	15.8	10.8	10.6	7.5	7.0	6.9	7.8
1984	10.2	8.6	13.2	15.6	10.4	10.8	7.2	7.0	7.7	7.8
1983	10.2	8.6	13.3	15.6	11.2	11.2	7.8	7.3	6.3	8.0
1982	10.0	8.5	13.6	15.9	11.5	11.5	8.2	7.7	ND	7.9
1981	10.1	8.6	13.5	15.8	11.9	11.9	8.5	8.0	ND	8.5
1980	10.4	8.8	13.4	15.9	13.2	12.6	9.6	8.5	7.6	9.2
1979	10.0	8.5	13.4	15.6	13.4	13.1	9.8	8.9	7.6	9.6
1978	10.2	8.7	12.9	15.0	13.4	13.8	10.2	9.5	12.5	9.6
1977	10.0	8.6	13.0	15.1	13.9	14.1	10.4	9.9	12.4	11.2
1976	10.2	8.8	12.5	14.6	15.4	15.2	11.8	10.9	17.6	12.3
1975	10.2	8.8	12.6	14.6	16.3	16.1	12.5	11.6	6.7	12.8
1974	10.4	9.1	12.8	14.8	17.1	16.7	13.3	12.3	7.3	14.6
1973	10.6	9.3	12.9	14.8	17.0	17.7	12.9	13.0	13.7	15.2
1972	10.7	9.4	13.7	15.6	17.9	18.5	13.8	13.6	12.3	18.8
1971	10.7	9.3	15.1	17.2	18.3	19.1	14.1	14.2	19.9	18.8
1970	10.7	9.5	16.3	18.4	20.2	20.0	15.8	15.1	20.8	21.5
1969	10.7	9.5	15.7	17.9	20.9	20.9	16.2	15.6	20.0	22.2
1968	11.1	9.7	15.8	17.6	21.6	21.8	17.0	16.1	17.8	24.5
1967	10.8	9.4	16.2	17.8	22.0	22.4	17.3	16.5	25.4	28.0
1966	10.9	9.5	16.8	18.4	22.1	23.7	17.1	17.2	25.5	29.1
1965	10.9	9.4	17.7	19.4	23.2	24.7	17.6	17.7	21.6	31.6
1964	10.8	9.4	19.1	21.1	23.0	24.8	17.7	17.9	28.4	33.3
1963	11.0	9.6	19.4	21.7	23.4	25.2	17.5	18.2	31.1	35.8
1962	10.8	9.5	19.9	22.4	23.7	25.3	18.2	18.3	26.5	35.2
1961	10.5	9.3	20.9	23.3	23.5	25.3	18.1	18.4	29.6	36.9
1960	10.7	9.5	21.3	23.7	24.6	26.0	18.9	18.7	31.5	37.1
1955	10.2	9.3	21.8	25.0	24.6	26.4	19.2	19.1	38.7	47.0
1950	10.5	9.6	21.1	24.1	27.6	29.2	20.6	20.5	76.7	83.3

\* Total death and live birth rates per 1,000 population. Infant and neonatal mortality rates per 1,000 live births. Maternal mortality rate per 100,000 live births. For more information on maternal deaths, please refer to the Technical Notes. Notes: Rates based on less than 10 events are considered statistically unreliable and are not displayed (ND). See Technical Notes. NA=Data not available.

Figure C-1  
**Crude Death Rates**  
**Pennsylvania and United States, 1950-2020**

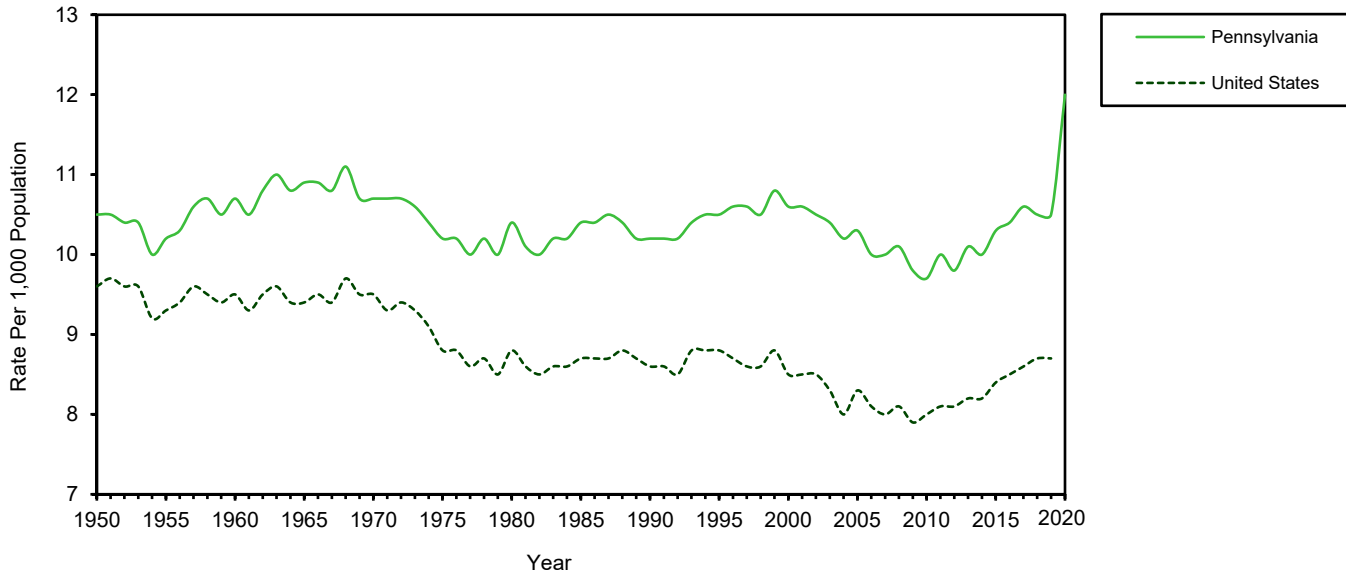


Figure C-2  
**Infant and Neonatal Mortality Rates**  
**Pennsylvania and United States, 1950-2020**

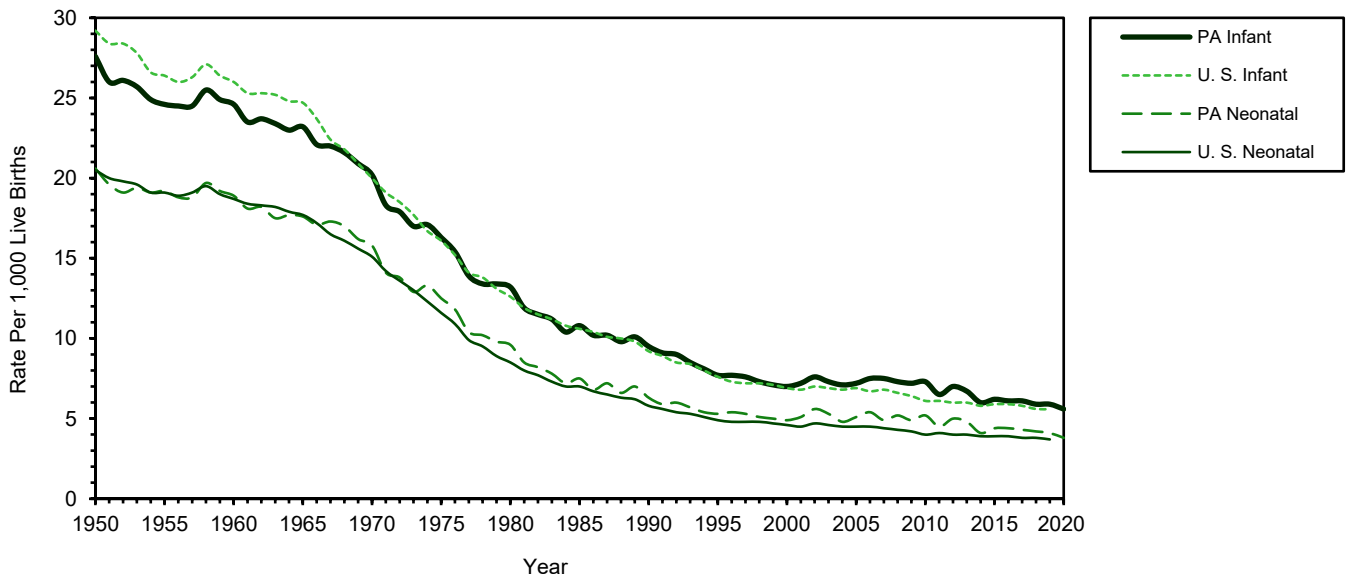


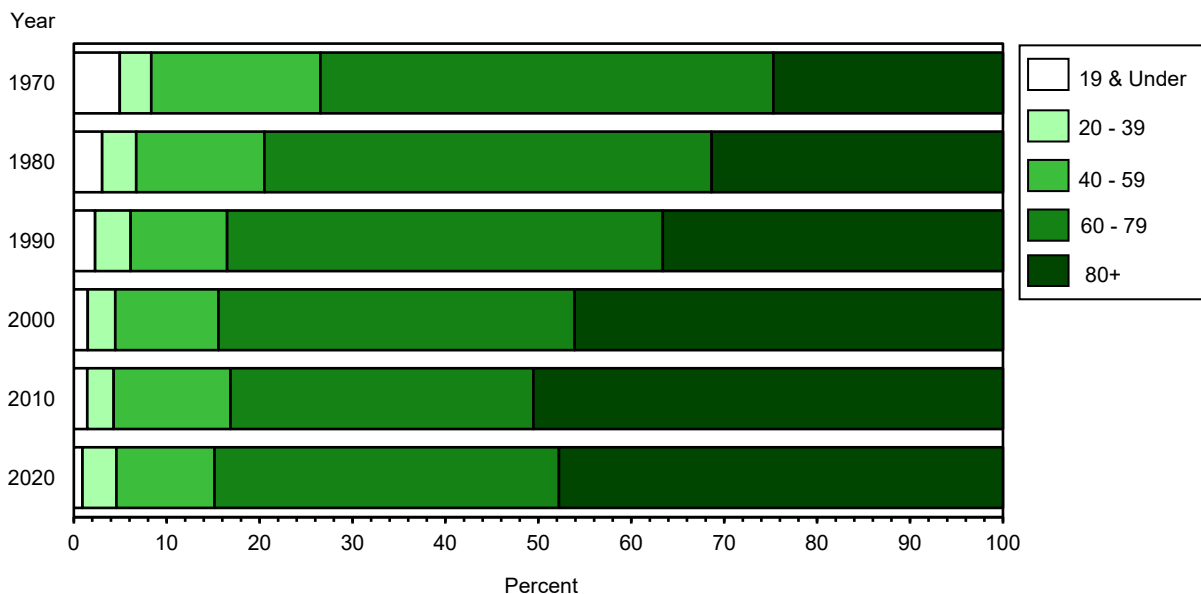
Table C-3  
**Resident Deaths by Age Group, Number and Rate\***  
**Pennsylvania, 2020, 2010, 2000, 1990, 1980, 1970**

Age Group (In Years)	2020		2010		2000		1990		1980		1970	
	Number	Rate	Number	Rate	Number	Rate	Number	Rate	Number	Rate	Number	Rate
All Ages	155,551	12.0	123,473	9.7	130,092	10.6	121,081	10.2	123,233	10.4	126,564	10.7
Under 5	870	1.3	1,162	1.6	1,185	1.6	1,914	2.4	2,435	3.3	4,430	4.8
5 - 9	77	0.1	69	0.1	137	0.2	164	0.2	222	0.3	468	0.4
10 - 14	105	0.1	106	0.1	147	0.2	164	0.2	229	0.2	424	0.4
15 - 19	408	0.5	458	0.5	505	0.6	538	0.7	879	0.8	945	0.9
20 - 24	827	1.0	829	0.9	707	0.9	785	0.9	1,251	1.2	1,104	1.3
25 - 29	1,325	1.6	817	1.0	692	0.9	1,048	1.1	1,058	1.1	863	1.2
30 - 34	1,680	1.9	807	1.1	945	1.1	1,328	1.3	1,069	1.3	934	1.5
35 - 39	1,854	2.3	1,059	1.4	1,497	1.6	1,478	1.6	1,154	1.7	1,398	2.2
40 - 44	2,052	2.7	1,719	2.0	2,338	2.3	1,870	2.3	1,573	2.7	2,625	3.5
45 - 49	2,775	3.6	3,111	3.3	3,062	3.4	2,409	3.7	2,714	4.5	4,372	5.6
50 - 54	4,440	5.3	4,703	4.8	4,070	5.1	3,191	5.7	4,868	7.0	6,630	9.0
55 - 59	7,151	7.8	5,978	6.8	4,970	8.0	5,092	9.2	7,826	11.0	9,412	14.3
60 - 64	10,697	11.7	7,527	10.1	6,458	12.6	8,991	14.8	11,226	17.7	12,115	21.6
65 - 69	13,047	16.5	8,669	15.7	9,021	18.8	12,893	21.8	14,379	26.8	14,393	32.6
70 - 74	16,020	25.4	10,336	24.2	14,377	29.4	16,270	33.9	16,533	40.6	16,871	48.3
75 - 79	17,905	42.7	13,715	37.9	20,028	47.4	18,619	51.5	17,174	60.9	18,313	74.3
80 - 84	19,821	71.2	19,301	61.9	21,927	75.6	17,990	79.6	16,393	93.7	15,772	109.5
85 +	54,495	181.7	43,095	141.0	38,026	160.1	26,337	153.3	22,250	171.2	15,495	169.2
Unknown	2	-	12	-	**		**		**		**	

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

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

Figure C-3  
**Resident Deaths, Percent by Age Group**  
**Pennsylvania, 1970, 1980, 1990, 2000, 2010, and 2020**



Note: Unknowns excluded from calculations for 2010 and 2020.

Figure C-4  
**Vital Events Summary Chart**

The following figures represent an average day of vital events in 2020 for Pennsylvania residents:

<b>Population as of July 1, 2020</b>		<b>12,989,625</b>
		Number Per Day
Live Births		358
Abortions		82
Deaths		426
	<b>By Cause of Death*</b>	Number Per Day
	Diseases of Heart	90
	Cancer	76
	Accidents	26
	Nontransport Accidents	22
	Motor Vehicle Accidents	3
	Cerebrovascular Disease	19
	Chronic Lower Respiratory Disease	17
	Alzheimer's Disease	12
	Diabetes Mellitus	12
	Nephritis, Nephrotic Syndrome & Nephrosis	8
	Influenza & Pneumonia	6
	Septicemia	6
	Parkinson's Disease	5
	Intentional Self-harm (Suicide)	5
	Chronic Liver Disease and Cirrhosis	4
	All Other Causes	139

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

Table C-4A  
**Resident Deaths by Age and Sex, Number and Rate\***  
**Pennsylvania, 2020**

Age Group (In Years)	Total**		Male		Female	
	Number	Rate	Number	Rate	Number	Rate
All Ages	155,551	12.0	78,304	12.2	77,244	11.7
Under 5	870	1.3	471	1.3	398	1.2
5 - 9	77	0.1	52	0.1	25	0.1
10 - 14	105	0.1	67	0.2	38	0.1
15 - 19	408	0.5	310	0.7	98	0.2
20 - 24	827	1.0	629	1.6	198	0.5
25 - 29	1,325	1.6	952	2.2	373	0.9
30 - 34	1,680	1.9	1,203	2.7	477	1.1
35 - 39	1,854	2.3	1,285	3.1	569	1.4
40 - 44	2,052	2.7	1,273	3.4	779	2.1
45 - 49	2,775	3.6	1,752	4.5	1,023	2.7
50 - 54	4,440	5.3	2,776	6.6	1,664	4.0
55 - 59	7,151	7.8	4,412	9.7	2,739	5.9
60 - 64	10,697	11.7	6,557	14.6	4,140	8.8
65 - 69	13,047	16.5	7,814	20.6	5,233	12.8
70 - 74	16,020	25.4	8,988	30.5	7,032	21.0
75 - 79	17,905	42.7	9,549	51.2	8,355	35.9
80 - 84	19,821	71.2	9,929	85.8	9,892	60.8
85 +	54,495	181.7	20,283	199.9	34,211	172.4
Unknown	2	ND	2	ND	0	ND

\* Rate per 1,000 population for each specified age group and sex, 2020.

\*\*Total includes any unknown sex.

Table C-4B  
**Resident Deaths by Age and Sex - White Race**  
**Number and Rate\*: Pennsylvania, 2020**

Age Group (In Years)	Total**		Male		Female	
	Number	Rate	Number	Rate	Number	Rate
All Ages	133,122	12.6	66,262	12.7	66,858	12.5
Under 5	486	1.0	270	1.0	216	0.9
5 - 9	40	0.1	23	0.1	17	0.1
10 - 14	58	0.1	35	0.1	23	0.1
15 - 19	210	0.3	149	0.5	61	0.2
20 - 24	494	0.8	354	1.1	140	0.5
25 - 29	840	1.3	597	1.8	243	0.8
30 - 34	1,172	1.7	838	2.4	334	1.0
35 - 39	1,375	2.1	942	2.8	433	1.3
40 - 44	1,472	2.4	904	2.9	568	1.9
45 - 49	2,021	3.2	1,282	4.0	739	2.4
50 - 54	3,354	4.8	2,088	5.9	1,266	3.6
55 - 59	5,518	7.0	3,431	8.7	2,087	5.3
60 - 64	8,505	10.6	5,236	13.3	3,269	8.1
65 - 69	10,603	15.2	6,390	18.8	4,213	11.7
70 - 74	13,633	24.2	7,675	28.8	5,958	20.0
75 - 79	15,639	41.4	8,410	49.6	7,228	34.8
80 - 84	17,571	69.9	8,834	83.9	8,737	59.7
85 +	50,130	182.9	18,803	201.1	31,326	173.5
Unknown	1	ND	1	ND	0	ND

\* Rate per 1,000 white population for each specified age group and sex, 2020.

\*\* Total includes any unknown sex.

Note: Starting in 2013, the categorization of race data has changed. Please refer to Section J of the Technical Notes for further explanation.

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

Table C-4C  
**Resident Deaths by Age and Sex - Black Race**  
**Number and Rate\*: Pennsylvania, 2020**

Age Group (In Years)	Total**		Male		Female	
	Number	Rate	Number	Rate	Number	Rate
All Ages	17,102	10.8	8,966	11.7	8,135	10.0
Under 5	247	2.2	123	2.2	123	2.3
5 - 9	20	0.2	16	0.3	4	ND
10 - 14	29	0.2	23	0.4	6	ND
15 - 19	150	1.3	126	2.1	24	0.4
20 - 24	238	2.0	201	3.3	37	0.7
25 - 29	363	2.7	265	3.9	98	1.5
30 - 34	370	3.0	266	4.3	104	1.7
35 - 39	332	3.2	235	4.7	97	1.9
40 - 44	402	4.2	252	5.5	150	3.1
45 - 49	534	6.0	329	7.6	205	4.5
50 - 54	831	9.0	518	11.6	313	6.5
55 - 59	1,292	13.8	752	17.1	540	10.9
60 - 64	1,761	20.7	1,052	27.0	709	15.4
65 - 69	1,941	29.6	1,126	39.3	815	22.1
70 - 74	1,857	39.0	985	50.1	872	31.2
75 - 79	1,746	58.2	852	74.1	894	48.4
80 - 84	1,644	83.8	783	110.3	861	68.7
85 +	3,344	170.0	1,061	189.9	2,283	162.1
Unknown	1	ND	1	ND	0	ND

\* Rate per 1,000 black population for each specified age group and sex, 2020.

\*\* Total includes any unknown sex.

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

Starting in 2013, the categorization of race data has changed. Please refer to Section J of the Technical Notes for further explanation.



Table C-4D  
**Resident Deaths by Age and Sex - Asian/Pacific Islander Races**  
**Number and Rate\*: Pennsylvania, 2020**

Age Group (In Years)	Total**		Male		Female	
	Number	Rate	Number	Rate	Number	Rate
All Ages	1,613	3.1	837	3.3	776	2.9
Under 5	16	0.5	5	ND	11	0.7
5 - 9	3	ND	3	ND	0	ND
10 - 14	6	ND	3	ND	3	ND
15 - 19	6	ND	4	ND	2	ND
20 - 24	13	0.4	8	ND	5	ND
25 - 29	12	0.3	9	ND	3	ND
30 - 34	16	0.3	11	0.5	5	ND
35 - 39	24	0.5	20	0.9	4	ND
40 - 44	31	0.8	16	0.8	15	0.7
45 - 49	45	1.2	30	1.7	15	0.8
50 - 54	46	1.5	23	1.6	23	1.4
55 - 59	71	2.7	46	3.6	25	1.8
60 - 64	106	4.7	65	6.2	41	3.4
65 - 69	137	7.5	79	9.4	58	5.8
70 - 74	157	11.3	103	16.2	54	7.2
75 - 79	170	18.7	89	21.3	81	16.6
80 - 84	245	44.7	113	43.8	132	45.5
85+	509	112.6	210	115.2	299	110.9
Unknown	0	-	0	-	0	-

\* Rate per 1,000 Asian/Pacific Islander population for each specified age group and sex, 2020.

\*\* Total includes any unknown sex.

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

Starting in 2013, the categorization of race data has changed. Please see Section J of the Technical Notes for further explanation.

Table C-4E  
**Resident Deaths by Age and Sex - Multi-Race**  
**Number and Rate\*: Pennsylvania, 2020**

Age Group (In Years)	Total**		Male		Female	
	Number	Rate	Number	Rate	Number	Rate
All Ages	353	1.2	205	1.4	148	1.0
Under 5	37	0.9	23	1.2	14	0.7
5 - 9	3	ND	3	ND	0	ND
10 - 14	4	ND	2	ND	2	ND
15 - 19	4	ND	3	ND	1	ND
20 - 24	14	0.5	10	0.8	4	ND
25 - 29	24	1.1	17	1.5	7	ND
30 - 34	14	0.8	12	1.4	2	ND
35 - 39	9	ND	6	ND	3	ND
40 - 44	12	1.0	10	1.8	2	ND
45 - 49	14	1.4	8	ND	6	ND
50 - 54	16	1.9	10	2.5	6	ND
55 - 59	20	2.6	11	3.1	9	ND
60 - 64	23	3.7	10	3.5	13	3.8
65 - 69	26	5.4	14	6.4	12	4.5
70 - 74	30	9.0	19	12.9	11	5.9
75 - 79	28	13.7	19	21.5	9	ND
80 - 84	31	24.9	14	26.6	17	23.6
85 +	44	41.6	14	41.7	30	41.6
Unknown	0	-	0	-	0	-

\* Rate per 1,000 Multi-Race population for each specified age group and sex, 2020.

\*\*Total includes any unknown sex.

Notes: Starting in 2013, the categorization of race data has changed, Please see Section J of the Technical Notes for further explanation.

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

Table C-4F  
**Resident Deaths by Age and Sex - Hispanic Origin**  
**Number and Rate\*: Pennsylvania, 2020**

Age Group (In Years)	Total**		Male		Female	
	Number	Rate	Number	Rate	Number	Rate
All Ages	4,315	4.1	2,613	4.9	1,702	3.3
Under 5	114	1.1	65	1.3	49	1.0
5 - 9	9	ND	5	ND	4	ND
10 - 14	11	0.1	9	ND	2	ND
15 - 19	50	0.5	37	0.8	13	0.3
20 - 24	96	1.1	76	1.7	20	0.5
25 - 29	133	1.6	105	2.4	28	0.7
30 - 34	151	1.8	110	2.5	41	1.0
35 - 39	137	1.7	103	2.5	34	0.9
40 - 44	203	2.8	143	3.9	60	1.7
45 - 49	209	3.5	142	4.6	67	2.3
50 - 54	270	5.2	187	7.3	83	3.2
55 - 59	323	7.3	226	10.4	97	4.3
60 - 64	369	11.0	236	14.4	133	7.8
65 - 69	381	16.2	239	21.5	142	11.4
70 - 74	423	25.0	257	33.5	166	17.9
75 - 79	409	40.2	225	51.7	184	31.7
80 - 84	390	63.3	206	80.7	184	51.0
85+	637	111.7	242	111.9	395	111.6
Unknown	0	-	0	-	0	-

\* Rate per 1,000 Hispanic population for each specified age group and sex, 2020.

\*\* Total includes any unknown sex.

Notes: Hispanic origin can be of any race.

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

Table C-5  
**Age-Adjusted Death Rates\* by Sex**  
**Pennsylvania Residents, 1970, 1975-2020**

Year	Total	Male**	Female
2020	8.9	10.6	7.5
2019	7.5	9.0	6.3
2018	7.6	9.1	6.4
2017	7.8	9.3	6.5
2016	7.7	9.2	6.4
2015	7.7	9.1	6.5
2014	7.5	8.9	6.3
2013	7.6	9.0	6.4
2012	7.5	9.0	6.3
2011	7.7	9.2	6.5
2010	7.6	9.1	6.4
2009	7.7	9.3	6.5
2008	8.1	9.9	6.9
2007	8.4	10.3	7.0
2006	8.5	10.6	7.1
2005	8.4	10.3	7.1
2004	8.4	10.2	7.1
2003	8.7	10.7	7.3
2002	8.9	10.8	7.4
2001	8.6	10.5	7.3
2000	8.9	10.9	7.4
1999	8.7	10.5	7.3
1998	8.6	10.5	7.1
1997	8.8	10.8	7.3
1996	9.1	11.3	7.5
1995	9.1	11.4	7.4
1994	9.1	11.4	7.5
1993	9.4	11.8	7.6
1992	9.1	11.5	7.4
1991	9.2	11.7	7.5
1990	9.5	12.2	7.6
1989	9.2	11.6	7.5
1988	9.5	12.0	7.7
1987	9.7	12.2	7.8
1986	9.7	12.2	7.8
1985	9.8	12.5	7.9
1984	9.9	12.7	8.0
1983	10.1	12.9	8.1
1982	10.1	13.0	8.0
1981	10.4	13.4	8.3
1980	11.0	14.3	8.8
1979	10.6	13.8	8.4
1978	11.0	14.4	8.7
1977	11.1	14.5	8.8
1976	11.6	15.0	9.1
1975	11.5	15.0	9.1
1970	13.0	16.4	10.5

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

\*\*Unknown sex included in the male category for 1970-2001.

Note: Unknowns included only in Total for 2002 - 2020.

Figure C-5  
**Age-Adjusted Death Rates by Sex**  
**Pennsylvania Residents, 1970-2020**

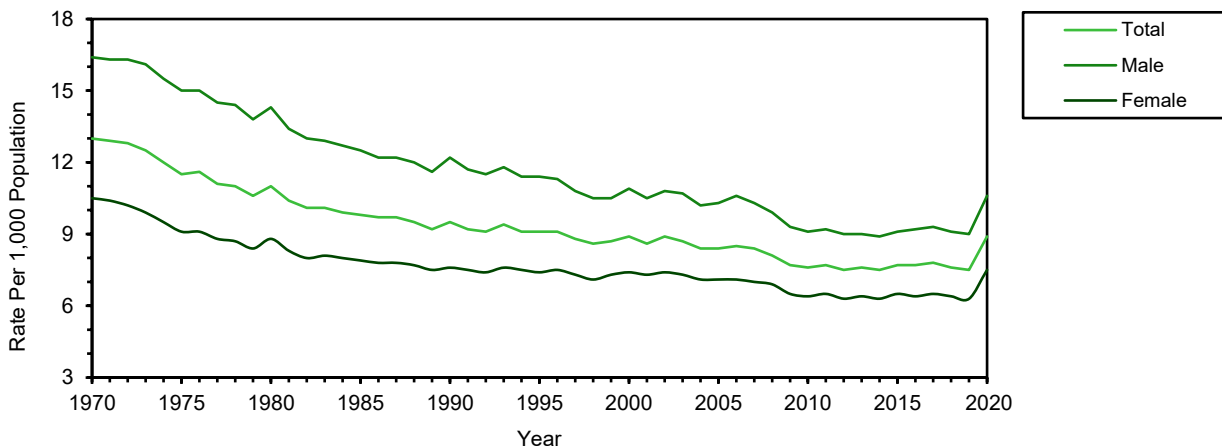


Table C-6  
**Age-Adjusted Death Rates\* by Race<sup>^</sup> and Hispanic Origin**  
**Pennsylvania Residents, 1980, 1985-2020**

Year	Race					Hispanic Origin
	All Races	White**	Black	Asian/ Pacific Islander	Multi-Race	
2020	8.9	8.5	11.8	4.4	2.8	7.4
2019	7.5	7.3	9.0	3.4	1.9	5.4
2018	7.6	7.4	9.0	3.3	2.7	5.7
2017	7.8	7.6	9.2	3.6	7.0	5.5
2016	7.7	7.5	9.3	3.2	4.7	5.5
2015	7.7	7.5	8.9	3.1	5.7	5.5
2014	7.5	7.2	9.1	3.4	7.9	5.6
2013	7.6	7.4	9.0	3.1	6.9	5.8
2012	7.5	7.3	9.2	3.5	NA	5.4
2011	7.7	7.6	9.5	3.8	NA	5.0
2010	7.6	7.5	9.8	4.0	NA	5.2
2009	7.7	7.6	9.9	3.4	NA	4.5
2008	8.1	8.0	10.2	3.6	NA	4.6
2007	8.4	8.2	10.5	4.2	NA	5.0
2006	8.5	8.4	10.8	3.9	NA	4.8
2005	8.4	8.2	11.0	4.2	NA	5.1
2004	8.4	8.3	10.8	3.9	NA	5.4
2003	8.7	8.5	11.5	3.8	NA	6.4
2002	8.9	8.7	11.7	4.4	NA	7.0
2001	8.6	8.5	11.9	4.6	NA	7.1
2000	8.9	8.7	12.1	4.6	NA	7.9
1999	8.7	8.4	12.1	NA	NA	6.4
1998	8.6	8.3	11.5	NA	NA	6.1
1997	8.8	8.5	12.0	NA	NA	7.8
1996	9.1	8.8	12.4	NA	NA	6.9
1995	9.1	8.8	12.6	NA	NA	6.9
1994	9.1	8.8	12.7	NA	NA	6.7
1993	9.4	9.0	13.2	NA	NA	7.0
1992	9.1	8.8	12.7	NA	NA	6.8
1991	9.2	8.9	12.3	NA	NA	6.5
1990	9.5	9.2	12.9	NA	NA	7.7
1989	9.2	9.0	13.7	NA	NA	NA
1988	9.5	9.3	13.8	NA	NA	NA
1987	9.7	9.4	13.9	NA	NA	NA
1986	9.7	9.4	13.3	NA	NA	NA
1985	9.8	9.6	13.4	NA	NA	NA
1980	11.0	10.8	13.9	NA	NA	NA

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

Rates are per 1,000. See Technical Notes.

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

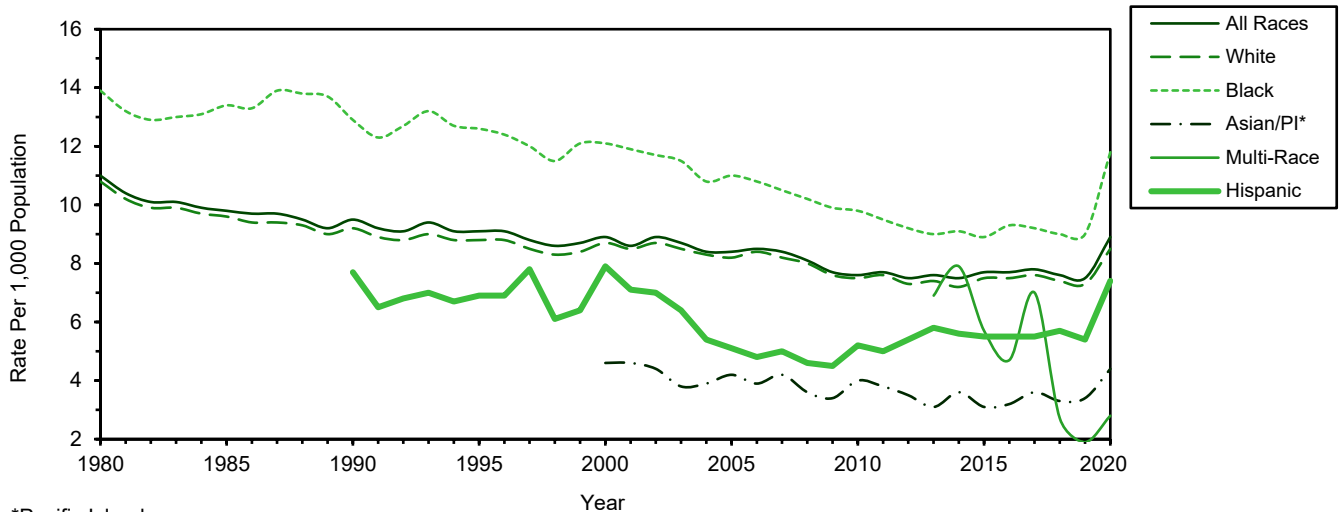
<sup>^</sup> Starting in 2013, the categorization of race data has changed. Please see Section J of the Technical Notes for further explanation.

Notes: Unknowns included only in All Races for 2002-2020.

Hispanic origin can be of any race.

NA=Data not available.

Figure C-6  
**Age-Adjusted Death Rates by Race and Hispanic Origin**  
**Pennsylvania Residents, 1980-2020**



\*Pacific Islander

Note: Hispanic origin can be of any race.

Starting in 2013 the categorization of race data has changed. Please see Section J of the Technical Notes for further explanation.

Table C-7A

**Infant, Neonatal, and Postneonatal Deaths by Race and Hispanic Origin  
Pennsylvania Residents, 1980, 1985, 1990, 1995-2020**

Year	Infant Deaths				Neonatal Deaths				Postneonatal Deaths			
	All Races	White*	Black	Hispanic Origin	All Races	White*	Black	Hispanic Origin	All Races	White*	Black	Hispanic Origin
2020	726	409	202	94	494	287	127	57	232	122	75	37
2019	788	420	240	98	549	294	162	62	239	126	78	36
2018	802	455	238	115	569	317	170	80	233	138	68	35
2017	840	457	270	100	598	324	190	72	242	133	80	28
2016	856	447	277	114	619	323	195	88	237	124	82	26
2015	868	480	253	95	618	338	177	71	250	142	76	24
2014	850	452	259	104	588	302	182	64	262	150	77	40
2013	940	506	268	109	681	356	191	81	259	150	77	28
2012	987	520	307	110	699	366	204	81	288	154	103	29
2011	930	575	294	77	643	401	196	52	287	174	98	25
2010	1,035	658	312	114	736	472	206	83	299	186	106	31
2009	1,044	638	366	88	715	440	242	59	329	198	124	29
2008	1,090	716	322	101	779	510	230	73	311	206	92	28
2007	1,123	676	375	91	739	447	233	55	384	229	142	36
2006	1,122	689	367	77	806	479	278	55	316	210	89	22
2005	1,047	680	320	86	742	483	220	62	305	197	100	24
2004	1,026	682	299	93	692	453	205	70	334	229	94	23
2003	1,060	702	320	83	775	509	235	58	285	193	85	25
2002	1,081	744	299	78	792	558	200	50	289	186	99	28
2001	1,038	725	295	78	736	534	190	53	302	191	105	25
2000	1,023	687	320	63	718	498	211	42	305	189	109	21
1999	1,025	677	335	60	723	481	232	33	302	196	103	27
1998	1,056	724	315	60	745	522	207	47	311	202	108	13
1997	1,090	723	352	65	758	499	251	45	332	224	101	20
1996	1,145	792	339	65	796	557	229	48	349	235	110	17
1995	1,164	776	373	62	797	544	245	39	367	232	128	23
1990	1,627	1,091	512	65	1,077	719	343	41	550	372	169	24
1985	1,734	1,276	447	***	1,201	896	295	***	533	380	152	***
1980	2,095	1,620	457	***	1,529	1,204	313	***	566	416	144	***

Note: Starting in 2013, the categorization of race data has changed. Please see Section J of the Technical Notes for further explanation.

Table C-7B

**Infant, Neonatal, and Postneonatal Mortality Rates\*\* by Race and Hispanic Origin  
Pennsylvania Residents, 1980, 1985, 1990, 1995-2020**

Year	Infant Deaths				Neonatal Deaths				Postneonatal Deaths			
	All Races	White*	Black	Hispanic Origin	All Races	White*	Black	Hispanic Origin	All Races	White*	Black	Hispanic Origin
2020	5.6	4.5	10.9	5.6	3.8	3.2	6.8	3.4	1.8	1.3	4.0	2.2
2019	5.9	4.5	12.7	5.9	4.1	3.2	8.6	3.7	1.8	1.4	4.1	2.2
2018	5.9	4.8	12.6	7.3	4.2	3.3	9.0	5.1	1.7	1.5	3.6	2.2
2017	6.1	4.8	14.0	6.3	4.3	3.4	9.9	4.6	1.8	1.4	4.2	1.8
2016	6.1	4.6	14.6	7.4	4.4	3.3	10.2	5.7	1.7	1.3	4.3	1.7
2015	6.2	4.8	13.0	6.4	4.4	3.4	9.1	4.8	1.8	1.4	3.9	1.6
2014	6.0	4.5	13.2	7.2	4.1	3.0	9.3	4.4	1.8	1.5	3.9	2.8
2013	6.7	5.1	13.6	7.7	4.8	3.6	9.7	5.7	1.8	1.5	3.9	2.0
2012	7.0	5.2	14.3	7.9	5.0	3.7	9.5	5.8	2.0	1.5	4.8	2.1
2011	6.5	5.6	13.7	5.5	4.5	3.9	9.2	3.7	2.0	1.7	4.6	1.8
2010	7.3	6.4	14.4	8.4	5.2	4.6	9.5	6.1	2.1	1.8	4.9	2.3
2009	7.2	6.1	16.6	6.3	4.9	4.2	11.0	4.2	2.3	1.9	5.6	2.1
2008	7.3	6.7	14.4	7.3	5.2	4.7	10.3	5.3	2.1	1.9	4.1	2.0
2007	7.5	6.2	17.0	6.6	4.9	4.1	10.6	4.0	2.6	2.1	6.4	2.6
2006	7.5	6.3	17.0	5.8	5.4	4.4	12.9	4.2	2.1	1.9	4.1	1.7
2005	7.2	6.3	15.7	7.1	5.1	4.4	10.8	5.1	2.1	1.8	4.9	2.0
2004	7.1	6.3	15.0	8.1	4.8	4.2	10.3	6.1	2.3	2.1	4.7	2.0
2003	7.3	6.2	16.1	7.7	5.3	4.5	11.8	5.4	2.0	1.7	4.3	2.3
2002	7.6	6.4	15.2	9.0	5.6	4.8	10.2	5.8	2.0	1.6	5.0	3.2
2001	7.2	6.1	14.9	9.6	5.1	4.5	9.6	6.5	2.1	1.6	5.3	3.1
2000	7.0	5.7	15.8	8.4	4.9	4.1	10.4	5.6	2.1	1.6	5.4	2.8
1999	7.1	5.6	16.7	8.4	5.0	4.0	11.6	4.6	2.1	1.6	5.1	3.8
1998	7.3	6.0	15.4	8.7	5.1	4.3	10.1	6.8	2.1	1.7	5.3	1.9
1997	7.6	6.0	17.4	9.8	5.3	4.2	12.4	6.8	2.3	1.9	5.0	3.0
1996	7.7	6.4	16.6	9.7	5.4	4.5	11.2	7.2	2.4	1.9	5.4	2.5
1995	7.7	6.2	17.5	9.5	5.3	4.3	11.5	6.0	2.4	1.8	6.0	3.5
1990	9.5	7.6	20.1	11.6	6.3	5.0	13.5	7.3	3.2	2.6	6.6	4.3
1985	10.8	9.3	21.4	***	7.5	6.5	14.2	***	3.3	2.8	7.3	***
1980	13.2	11.7	24.2	***	9.6	8.7	16.6	***	3.6	3.0	7.6	***

\* Unknown race included in white category for 1980-2001. Unknowns only included in All Races for 2002-2020.

\*\* Rate per 1,000 live births; race of child is used to classify deaths and race of mother is used to classify births.

\*\*\* Hispanic origin data were not collected prior to 1989.

Notes: Hispanic origin can be of any race.

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

Starting in 2013, the categorization of race data has changed. Please see Section J of the Technical Notes for further explanation.

Figure C-7A  
**Resident Infant, Neonatal, and Postneonatal  
Mortality Rates, Pennsylvania, 1980-2020**

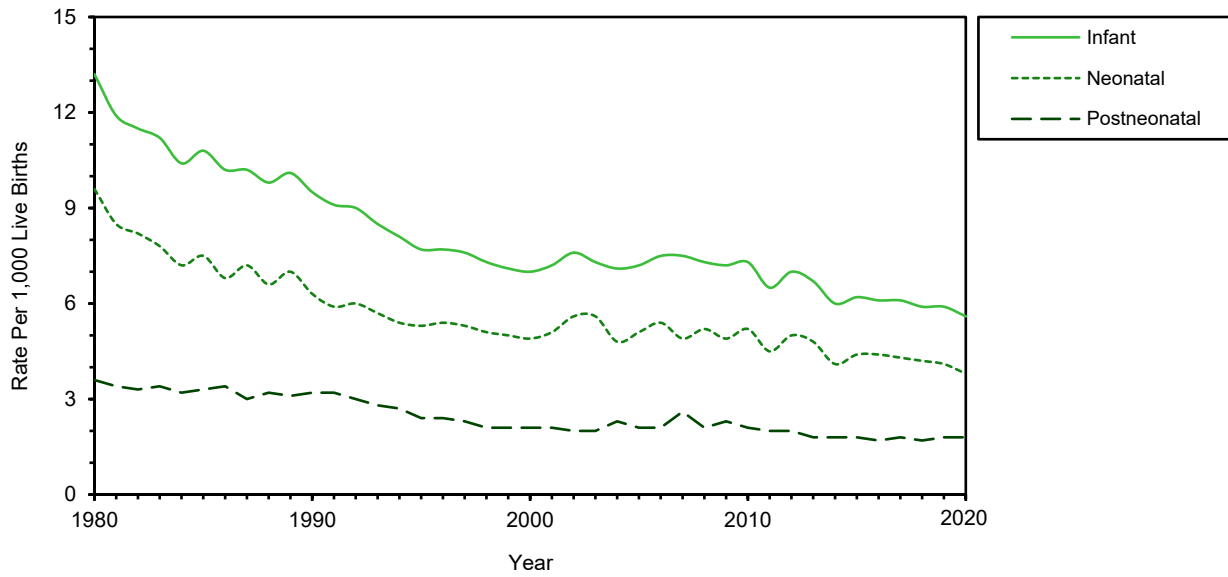
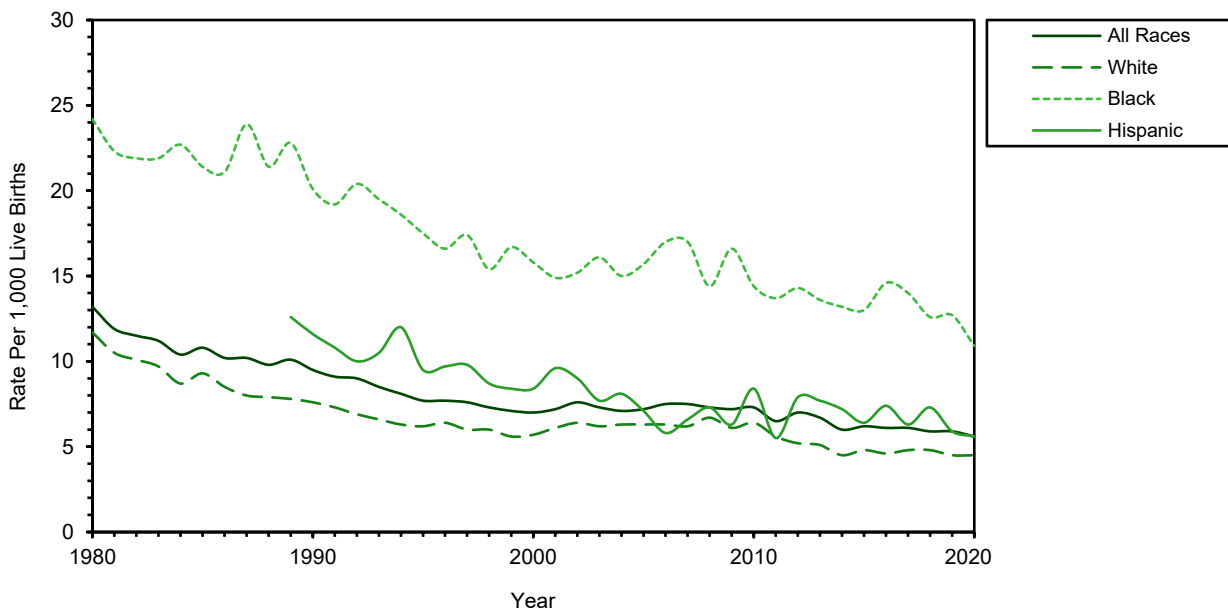


Figure C-7B  
**Resident Infant Mortality Rates by Race and Hispanic Origin  
Pennsylvania, 1980-2020**



Note: Hispanic origin can be of any race.

Starting in 2013, the categorization of race data has changed. Please see Section J of the Technical Notes for further explanation.

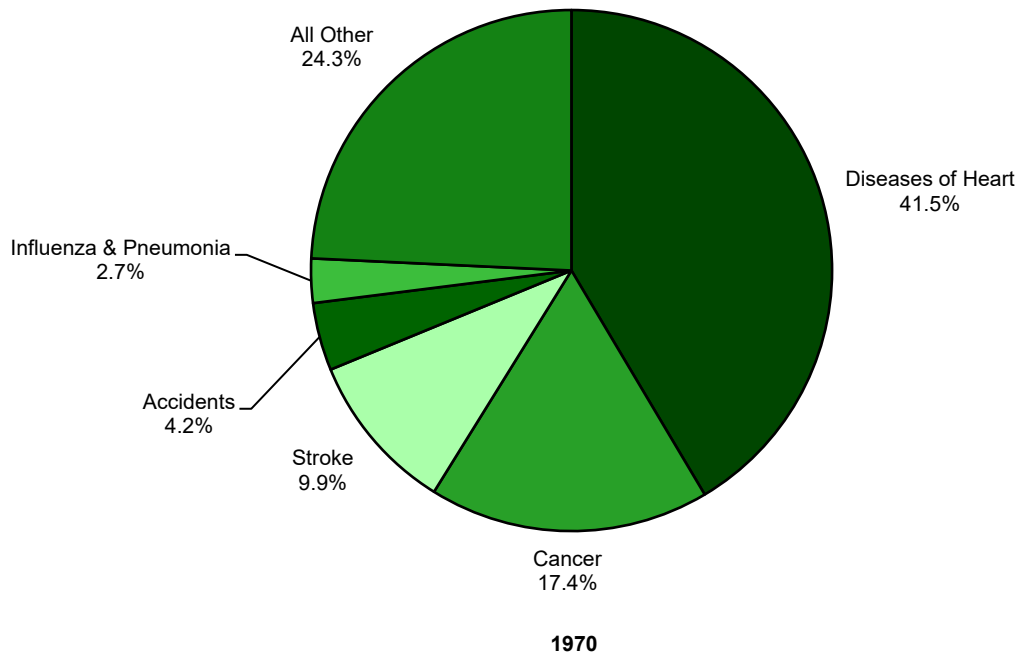
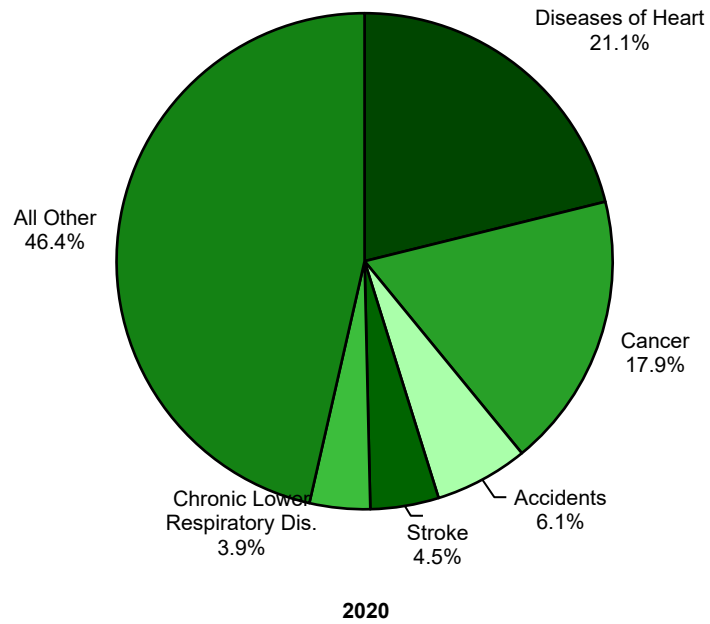
Table C-8  
**Selected Leading Causes of Death**  
**Pennsylvania Residents, 2020, 2010, 2000, 1990, 1980, 1970**

Cause of Death*	2020		2010		2000		1990		1980		1970	
	Number	Rank	Number	Rank	Number	Rank	Number	Rank	Number	Rank	Number	Rank
All Causes	155,551		123,473		130,092		121,081		123,233		126,564	
Diseases of Heart	32,880	1	31,274	1	40,446	1	43,204	1	50,677	1	52,476	1
Cancer (Malignant Neoplasms)	27,907	2	28,809	2	29,989	2	29,677	2	26,040	2	22,013	2
Accidents	9,494	3	5,607	5	4,500	5	4,001	5	4,586	4	5,336	4
Cerebrovascular Disease	6,925	4	6,629	3	8,885	3	7,678	3	9,539	3	12,573	3
Chronic Lower Respiratory Disease	6,128	5	6,164	4	6,045	4	4,487	4	3,263	5	**	
Alzheimer's Disease	4,540	6	3,566	6	2,533	10	615		**		**	
Diabetes Mellitus	4,246	7	3,184	7	3,781	6	3,082	7	2,599	7	2,819	6
Nephritis, Nephrotic Syndrome, and Nephrosis	2,907	8	3,028	8	2,675	8	1,398	10	1,109		530	
Influenza & Pneumonia	2,352	9	2,289	9	3,047	7	3,876	6	2,869	6	3,466	5
Septicemia	2,273	10	2,212	10	2,573	9	1,705	8	803		215	
Intentional Self-harm (Suicide)	1,686		1,547		1,348		1,446	9	1,317	10	1,337	10
Chronic Liver Disease and Cirrhosis	1,629		1,180		1,079		1,232		1,625	9	1,846	9
Perinatal Conditions	382		561		552		824		1,194		2,391	7
Atherosclerosis	181		305		644		756		1,837	8	2,320	8
All Other	52,021		27,118		21,995		17,100		15,775		19,242	

\* 2000, 2010 and 2020 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.

\*\*Data not available or comparable.

Figure C-8  
**Resident Deaths, Percent by Selected Leading Causes**  
**Pennsylvania, 2020 and 1970**



Note: may not sum to 100 due to rounding.



Table C-9A  
**Median Age at Death by Race\*\* and Hispanic Origin**  
**Pennsylvania Residents, 1980, 1985, 1990 and 1995-2020**

Year	Median Age at Death						Hispanic Origin
	All Races	White*	Black	Asian/ Pacific Islander	Multi-Race		
2020	79.1	80.4	70.1	78.7	60.5		66.2
2019	79.1	80.3	69.7	77.5	61.4		64.5
2018	79.2	80.4	70.0	75.0	70.2		63.9
2017	79.3	80.4	69.6	75.9	73.7		64.9
2016	79.3	80.5	69.3	75.3	69.6		64.0
2015	79.9	80.9	69.9	75.7	73.4		64.9
2014	80.0	81.1	70.0	74.1	73.0		64.7
2013	80.4	81.4	69.8	75.1	70.4		64.2
2012	80.4	81.4	69.4	72.8	NA		63.1
2011	80.4	81.3	69.5	72.4	NA		63.3
2010	80.2	81.0	69.7	73.7	NA		62.5
2009	80.1	80.8	69.6	72.2	NA		61.4
2008	80.2	80.9	70.0	71.0	NA		59.5
2007	80.0	80.7	69.2	73.1	NA		60.5
2006	79.6	80.4	69.2	68.4	NA		58.2
2005	79.7	80.4	69.9	69.4	NA		59.4
2004	79.5	80.2	69.8	68.2	NA		59.1
2003	79.3	80.0	70.3	70.5	NA		60.1
2002	79.2	79.9	70.3	67.4	NA		60.9
2001	79.0	79.6	70.6	68.5	NA		58.7
2000	78.8	79.4	70.6	68.3	NA		62.5
1999	78.6	79.2	70.4	66.9	NA		61.1
1998	78.2	78.8	70.5	65.6	NA		61.5
1997	77.8	78.5	69.1	66.1	NA		60.4
1996	77.5	78.2	68.6	65.6	NA		57.8
1995	77.2	77.9	68.5	65.6	NA		54.3
1990	75.7	76.3	67.2	63.0	NA		59.3
1985	74.6	75.2	67.1	62.5	NA		NA
1980	73.2	73.8	65.5	60.4	NA		NA

\* Unknown race included in the white category for 1980, 1985, and 1990-2001.

\*\* Starting in 2013, the categorization of race data has changed. Please see Section J of the Technical Notes for further explanation.

Notes: Unknowns only included in All Races for 2002-2020. NA=Data not available. Hispanic origin can be of any race.

Table C-9B  
**Median Age at Death by Race^, Hispanic Origin, and Sex**  
**Pennsylvania Residents, 1980, 1985, 1990 and 1995-2020**

Year	Median Age at Death											
	All Races		White**		Black		Asian/ Pacific Islander		Multi-Race		Hispanic Origin	
	Males*	Females	Males*	Females	Males*	Females	Males*	Females	Males*	Females	Males*	Females
2020	75.4	82.9	76.9	83.9	66.5	74.8	74.6	82.0	54.1	66.5	62.1	72.7
2019	75.4	82.8	76.6	83.7	65.9	74.4	75.2	80.1	56.6	63.8	60.3	71.1
2018	75.3	83.1	76.4	83.9	66.0	74.8	72.3	78.8	65.3	76.8	60.1	70.0
2017	75.0	83.1	76.3	84.0	65.8	74.3	73.4	78.3	69.9	77.6	59.4	71.7
2016	75.1	83.2	76.4	84.1	65.7	74.3	73.2	78.0	66.1	73.0	60.3	68.9
2015	75.6	83.5	76.9	84.3	65.9	74.8	74.0	77.4	65.5	79.1	60.6	72.0
2014	75.7	83.6	77.1	84.3	65.6	75.1	71.8	76.9	67.5	80.4	60.6	70.5
2013	76.1	83.7	77.4	84.4	65.7	74.4	71.7	78.3	66.0	74.1	60.4	69.9
2012	76.2	83.6	77.5	84.3	65.1	74.2	69.4	76.5	NA	NA	58.8	69.8
2011	76.3	83.5	77.4	84.1	64.6	74.6	68.8	76.7	NA	NA	57.7	70.4
2010	76.1	83.3	77.3	83.9	64.5	75.5	69.8	76.8	NA	NA	58.8	68.7
2009	76.3	83.0	77.3	83.6	64.9	74.5	69.8	75.3	NA	NA	59.5	65.6
2008	76.5	83.1	77.5	83.6	64.6	75.2	68.0	74.2	NA	NA	56.0	66.4
2007	76.4	82.8	77.4	83.4	63.6	74.9	69.0	76.7	NA	NA	57.0	65.6
2006	76.0	82.6	77.0	83.2	63.7	74.7	64.8	74.0	NA	NA	54.7	66.7
2005	76.3	82.5	77.2	83.1	64.1	75.3	67.1	74.2	NA	NA	54.1	66.5
2004	76.1	82.4	76.9	82.9	64.7	74.6	66.4	71.8	NA	NA	56.6	63.3
2003	76.0	82.1	76.8	82.6	65.2	75.1	70.4	71.1	NA	NA	56.5	66.8
2002	75.9	82.0	76.7	82.5	65.5	74.5	65.2	71.7	NA	NA	56.1	67.2
2001	75.8	81.7	76.5	82.2	66.0	74.7	64.5	71.2	NA	NA	54.9	65.4
2000	75.6	81.7	76.4	82.2	66.3	74.6	64.0	73.6	NA	NA	58.4	67.7
1999	75.4	81.5	76.1	82.0	66.0	74.4	63.5	68.8	NA	NA	55.8	67.8
1998	75.2	81.1	75.9	81.6	66.4	74.3	63.1	66.8	NA	NA	57.2	68.1
1997	74.5	80.9	75.4	81.4	65.0	73.1	62.5	68.8	NA	NA	54.5	67.9
1996	74.3	80.7	75.0	81.3	64.5	72.6	63.3	68.2	NA	NA	54.0	64.4
1995	73.9	80.4	74.8	80.9	64.1	73.3	63.7	66.8	NA	NA	47.1	67.3
1990	72.6	78.8	73.4	79.4	63.8	71.1	62.4	63.1	NA	NA	56.5	66.6
1985	71.5	78.0	72.1	78.6	64.6	70.6	62.8	62.4	NA	NA	NA	NA
1980	70.3	76.8	70.8	77.4	63.4	68.5	65.7	53.5	NA	NA	NA	NA

\* Unknown sex included in the male category for 1980, 1985, and 1990-2001.

\*\* Unknown race included in the white category for 1980, 1985, and 1990-2001.

^ Starting in 2013, the categorization of race data has changed. Please see Section J of the Technical Notes for further explanation.

Notes: Unknowns only included in All Races for 2002-2020. NA=Data not available. Hispanic origin can be of any race.

Table C-9C  
**Median Age at Death for Selected Leading Causes by Race, Hispanic Origin, and Sex**  
**Pennsylvania Residents, 2020**

Cause of Death	Median Age at Death											
	All Races			White			Black			Hispanic Origin		
	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female
All Causes	79.1	75.4	82.9	80.4	76.9	83.9	70.1	66.5	74.8	66.2	62.1	72.7
Diseases of Heart	82.0	77.9	86.2	83.2	79.2	87.1	72.8	69.0	78.0	71.6	69.0	78.1
Cancer (Malignant Neoplasms)	73.9	73.4	74.5	74.4	73.8	75.2	70.1	70.0	70.4	68.7	69.7	68.0
Accidents	52.6	49.7	59.8	54.8	50.6	63.8	49.6	50.2	48.8	40.9	40.7	41.1
Nontransport Accidents	53.7	50.2	60.8	55.7	51.0	65.5	50.9	51.0	50.5	42.2	42.1	43.5
Motor Vehicle Accidents	46.0	45.3	50.0	50.2	47.8	56.2	36.9	39.0	27.9	32.0	31.6	34.5
Other Transport Accidents	50.7	53.9	48.0	50.7	54.6	48.2	ND	ND	ND	ND	ND	ND
Cerebrovascular Disease	84.2	80.3	86.5	85.1	81.4	87.1	77.5	71.6	81.4	76.1	73.5	77.0
Chronic Lower Respiratory Dis.	78.0	77.1	79.1	78.6	77.5	79.6	73.0	72.7	73.2	71.4	73.8	71.1
Alzheimer's Disease	88.7	86.7	89.5	88.8	86.9	89.7	87.9	84.1	88.5	83.4	82.1	83.9
Diabetes Mellitus	75.2	72.6	78.2	76.4	73.4	79.5	68.8	64.9	71.7	67.3	63.7	74.4
Nephritis, Nephrotic Syndrome, and Nephrosis	82.0	81.0	83.2	83.3	82.2	84.1	74.5	73.1	77.7	73.9	69.1	75.6
Influenza & Pneumonia	80.9	79.2	83.2	81.8	80.1	84.1	72.8	70.0	74.6	78.6	74.5	81.7
Septicemia	76.5	74.4	78.4	77.4	75.7	79.4	71.3	69.4	74.6	66.9	62.5	67.8
Parkinson's Disease	83.5	83.0	84.5	83.5	83.0	84.5	83.7	83.7	83.9	80.9	78.8	81.6
Intentional Self-harm (Suicide)	49.1	49.5	47.7	51.1	51.6	49.2	32.3	33.0	29.9	31.1	30.8	ND
Chronic Liver Dis. and Cirrhosis	63.6	62.8	65.0	63.8	63.3	65.3	60.7	60.3	63.3	58.1	58.0	61.1
Essential Hypertension/H.R.D.*	83.1	76.8	87.3	84.2	78.2	88.1	77.2	69.7	84.9	70.6	73.0	65.7
Assault (Homicide)	29.6	29.2	32.7	38.1	38.6	37.3	28.0	27.8	30.4	27.9	28.4	25.1

\* Hypertensive Renal Disease

Notes: Unknowns excluded from calculations. Hispanic origin can be of any race.

Median age for categories with less than 10 deaths are not displayed (ND).

Starting in 2013, the categorization of race data has changed. Please see Section J of the Technical Notes for further explanation.

Table C-10  
**Age-Adjusted Death Rates for Selected Leading Causes by Race, Hispanic Origin, and Sex**  
**Pennsylvania Residents, 2020**

Cause of Death	Age-Adjusted Rate											
	All Races			White			Black			Hispanic Origin		
	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female
All Causes	890.2	1059.0	748.8	851.7	1005.7	722.7	1184.0	1493.1	952.4	739.8	924.1	575.5
Diseases of Heart	181.8	231.9	142.4	175.3	223.9	136.8	250.2	322.7	198.3	111.7	146.0	82.9
Cancer (Malignant Neoplasms)	155.2	183.6	134.8	152.1	180.3	131.6	182.7	224.2	158.0	109.4	140.0	86.9
Accidents	68.1	93.8	43.5	65.0	88.3	42.6	87.3	129.4	51.0	64.1	98.7	29.4
Nontransport Accidents	58.5	79.5	38.5	56.1	75.1	37.8	74.9	109.3	45.3	53.6	83.5	23.7
Motor Vehicle Accidents	9.1	13.5	4.7	8.4	12.5	4.4	11.8	18.8	5.5	10.4	15.1	5.5
Other Transport Accidents	0.5	0.8	0.3	0.6	0.8	0.4	ND	ND	ND	ND	ND	ND
Cerebrovascular Disease	38.2	37.8	37.8	36.3	35.5	36.2	51.8	53.9	48.7	38.3	48.6	30.6
Chronic Lower Respiratory Dis.	33.7	37.6	31.0	34.1	38.2	31.1	32.0	34.7	30.7	15.9	17.2	15.3
Alzheimer's Disease	24.7	19.2	28.0	25.0	19.5	28.4	21.2	16.7	22.9	23.4	16.7	28.0
Diabetes Mellitus	24.0	29.7	19.2	22.2	27.8	17.5	38.7	45.7	33.9	28.4	33.9	23.0
Nephritis, Nephrotic Syndrome, and Nephrosis	16.1	20.2	13.4	14.7	18.4	12.2	30.1	38.4	24.6	13.4	14.2	12.6
Influenza & Pneumonia	13.2	15.6	11.5	13.0	15.2	11.5	14.8	20.1	11.3	9.4	13.3	ND
Septicemia	12.8	14.3	11.7	12.0	13.1	11.1	21.3	25.5	18.3	12.0	14.6	9.8
Parkinson's Disease	10.1	15.1	6.8	10.6	15.6	7.2	4.2	8.6	ND	5.6	ND	ND
Intentional Self-harm (Suicide)	12.3	20.1	4.9	13.0	21.2	5.1	7.6	12.5	3.1	5.9	10.1	ND
Chronic Liver Dis. and Cirrhosis	9.8	12.9	6.9	10.0	13.2	7.0	8.2	9.3	7.1	8.2	13.4	ND
Essential Hypertension/H.R.D.*	7.7	7.9	7.3	7.2	7.5	6.8	12.9	13.3	11.9	4.9	ND	ND
Assault (Homicide)	8.3	14.0	2.5	2.6	3.5	1.6	39.4	71.2	7.1	8.1	13.8	ND

\* Hypertensive Renal Disease

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

Rates are per 100,000. Unknowns excluded from calculations. Hispanic origin can be of any race.

Age-adjusted rates for categories with less than 20 deaths are statistically unreliable and are not displayed (ND).

Starting in 2013, the categorization of race data has changed. Please see Section J of the Technical Notes for further explanation.

Table C-11A  
**Selected Causes of Death by Age Group**  
**Number and Rank: Pennsylvania Residents, 2020**

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	155,551		870		1,417		6,911		25,063		66,793		54,495	
Diseases of Heart	32,880	1	12	6	49	5	523	4	4,855	2	13,620	2	13,819	1
Cancer (Malignant Neoplasms)	27,907	2	20	5	79	4	531	3	6,227	1	15,732	1	5,318	2
Accidents	9,494	3	77	3	546	1	3,091	1	2,680	3	1,692	6	1,408	6
Nontransport Accidents	8,193		59		345		2,687		2,294		1,450		1,358	
Motor Vehicle Accidents	1,225		17		193		384		352		230		49	
Other Transport Accidents	76		1		8		20		34		12		1	
Cerebrovascular Disease	6,925	4	4		8	10	72	8	698	7	2,849	4	3,294	3
Chronic Lower Respiratory Dis.	6,128	5	1		11	9	37		847	5	3,522	3	1,710	5
Alzheimer's Disease	4,540	6	0		0		0		47		1,396	7	3,097	4
Diabetes Mellitus	4,246	7	1		15	7	123	7	942	4	2,139	5	1,026	8
Nephritis, Nephrotic Syndrome, and Nephrosis	2,907	8	2		4		37		316		1,388	8	1,160	7
Influenza & Pneumonia	2,352	9	8	7	4		61	9	326	10	1,053	10	900	9
Septicemia	2,273	10	4		1		60	10	446	9	1,142	9	620	
Parkinson's Disease	1,799		0		0		0		39		1,003		757	10
Intentional Self-harm (Suicide)	1,686		0		195	3	544	2	584	8	318		45	
Chronic Liver Dis. and Cirrhosis	1,629		0		2		132	6	756	6	643		96	
Essential Hypertension and Hypertensive Renal Disease	1,418		0		0		12		180		583		643	
Assault (Homicide)	988		27	4	296	2	500	5	140		19		6	
In Situ, Benign, and Uncertain Neoplasms	838		3		1		18		80		430		306	
Nutritional Deficiencies	563		0		1		3		28		203		328	
Perinatal Conditions	382		381	1	1		0		0		0		0	
Congenital Malformations, Deformations & Chromosomal Abnormalities	360		139	2	23	6	35		102		49		12	
Anemias	344		2		1		8		32		141		160	
Disorders of Biliary Tract & Pancreas	246		0		2		28		54		98		64	
Multiple Sclerosis	238		0		0		2		84		136		16	
Cholelithiasis & Other Disorders of Gallbladder	191		0		0		1		20		86		84	
Atherosclerosis	181		0		0		0		13		56		112	
Phlebitis, Thrombophlebitis, Venous Embolism & Thrombosis	134		0		3		21		47		46		17	
Peptic Ulcer	131		0		0		2		26		65		38	
HIV Disease	129		0		0		22		63		42		2	
Epilepsy	118		2		14	8	15		35		42		10	
Hernia	96		0		0		3		18		30		45	
Pneumoconiosis	26		0		0		0		2		10		14	
All Other Causes	44,402		187		161		1,030		5,376		18,260		19,388	

\*Includes any unknown ages.

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

Table C-11B  
**Selected Causes of Death by Age Group - Males**  
**Number and Rank: Pennsylvania Residents, 2020**

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	78,304		471		1,058		4,713		15,497		36,280		20,283	
Diseases of Heart	17,415	1	5	7	30	5	350	4	3,389	1	8,143	2	5,496	1
Cancer (Malignant Neoplasms)	14,544	2	7	5	39	4	244	5	3,297	2	8,516	1	2,441	2
Accidents	6,146	3	44	3	394	1	2,201	1	1,888	3	1,023	6	596	6
Nontransport Accidents	5,198		37		243		1,897		1,586		871		564	
Motor Vehicle Accidents	894		7		145		290		277		144		31	
Other Transport Accidents	54		0		6		14		25		8		1	
Cerebrovascular Disease	2,788	5	3		4		40	8	399	8	1,360	4	982	3
Chronic Lower Respiratory Dis.	2,882	4	1		7	9	25		418	7	1,763	3	668	5
Alzheimer's Disease	1,312	9	0		0		0		20		513		779	4
Diabetes Mellitus	2,299	6	0		8	8	80	7	604	4	1,199	5	408	9
Nephritis, Nephrotic Syndrome, and Nephrosis	1,484	7	1		3		23		185	10	737	7	535	7
Influenza & Pneumonia	1,147	10	6	6	2		33	9	183		558	10	365	10
Septicemia	1,088		2		1		30	10	249	9	577	9	229	
Parkinson's Disease	1,073		0		0		0		27		633	8	413	8
Intentional Self-harm (Suicide)	1,359	8	0		162	3	433	2	454	6	270		40	
Chronic Liver Dis. and Cirrhosis	1,023		0		1		84	6	502	5	390		46	
Essential Hypertension and Hypertensive Renal Disease	605		0		0		7		113		310		175	
Assault (Homicide)	839		13	4	273	2	430	3	110		11		2	
In Situ, Benign, and Uncertain Neoplasms	455		1		0		10		49		251		144	
Nutritional Deficiencies	209		0		1		1		13		86		108	
Perinatal Conditions	204		204	1	0		0		0		0		0	
Congenital Malformations, Deformations & Chromosomal Abnormalities	191		74	2	10	6	19		59		25		4	
Anemias	156		2		1		3		20		73		57	
Disorders of Biliary Tract & Pancreas	125		0		2		19		28		52		24	
Multiple Sclerosis	88		0		0		0		37		50		1	
Cholelithiasis & Other Disorders of Gallbladder	94		0		0		0		13		45		36	
Atherosclerosis	74		0		0		0		9		29		36	
Phlebitis, Thrombophlebitis, Venous Embolism & Thrombosis	69		0		1		11		34		19		4	
Peptic Ulcer	79		0		0		0		18		41		20	
HIV Disease	90		0		0		13		41		36		0	
Epilepsy	54		1		9	7	12		15		14		3	
Hernia	32		0		0		3		9		10		10	
Pneumoconiosis	25		0		0		0		2		10		13	
All Other Causes	20,355		107		110		642		3,312		9,536		6,648	

\*Includes any unknown ages.

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

Table C-11C  
**Selected Causes of Death by Age Group - Females**  
**Number and Rank: Pennsylvania Residents, 2020**

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	77,244		398		359		2,198		9,566		30,512		34,211	
Diseases of Heart	15,465	1	7	6	19	5	173	3	1,466	2	5,477	2	8,323	1
Cancer (Malignant Neoplasms)	13,362	2	13	5	40	2	287	2	2,930	1	7,216	1	2,876	2
Accidents	3,348	4	33	3	152	1	890	1	792	3	669	7	812	6
Nontransport Accidents	2,995		22		102		790		708		579		794	
Motor Vehicle Accidents	331		10		48		94		75		86		18	
Other Transport Accidents	22		1		2		6		9		4		0	
Cerebrovascular Disease	4,137	3	1		4		32	8	299	6	1,489	4	2,312	4
Chronic Lower Respiratory Dis.	3,246	5	0		4		12		429	4	1,759	3	1,042	5
Alzheimer's Disease	3,228	6	0		0		0		27		883	6	2,318	3
Diabetes Mellitus	1,947	7	1		7	7	43	7	338	5	940	5	618	8
Nephritis, Nephrotic Syndrome, and Nephrosis	1,423	8	1		1		14		131	10	651	8	625	7
Influenza & Pneumonia	1,204	9	2		2		28	10	143	9	494	10	535	9
Septicemia	1,185	10	2		0		30	9	197	8	565	9	391	
Parkinson's Disease	726		0		0		0		12		370		344	
Intentional Self-harm (Suicide)	327		0		33	3	111	4	130		48		5	
Chronic Liver Dis. and Cirrhosis	606		0		1		48	6	254	7	253		50	
Essential Hypertension and Hypertensive Renal Disease	813		0		0		5		67		273		468	10
Assault (Homicide)	149		14	4	23	4	70	5	30		8		4	
In Situ, Benign, and Uncertain Neoplasms	383		2		1		8		31		179		162	
Nutritional Deficiencies	354		0		0		2		15		117		220	
Perinatal Conditions	177		176	1	1		0		0		0		0	
Congenital Malformations, Deformations & Chromosomal Abnormalities	169		65	2	13	6	16		43		24		8	
Anemias	188		0		0		5		12		68		103	
Disorders of Biliary Tract & Pancreas	121		0		0		9		26		46		40	
Multiple Sclerosis	150		0		0		2		47		86		15	
Cholelithiasis & Other Disorders of Gallbladder	97		0		0		1		7		41		48	
Atherosclerosis	107		0		0		0		4		27		76	
Phlebitis, Thrombophlebitis, Venous Embolism & Thrombosis	65		0		2		10		13		27		13	
Peptic Ulcer	52		0		0		2		8		24		18	
HIV Disease	39		0		0		9		22		6		2	
Epilepsy	64		1		5	8	3		20		28		7	
Hernia	64		0		0		0		9		20		35	
Pneumoconiosis	1		0		0		0		0		0		1	
All Other Causes	24,047		80		51		388		2,064		8,724		12,740	

\*Includes any unknown ages.

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

Table C-11D  
**Selected Causes of Death by Age Group - White Race**  
**Number and Rank: Pennsylvania Residents, 2020**

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	133,122		486		802		4,859		19,398		57,446		50,130	
Diseases of Heart	28,484	1	7	6	31	5	349	4	3,694	2	11,652	2	12,750	1
Cancer (Malignant Neoplasms)	24,326	2	13	4	45	3	383	3	5,151	1	13,868	1	4,866	2
Accidents	7,604	3	43	3	394	1	2,397	1	1,973	3	1,465	6	1,332	6
Nontransport Accidents	6,596		33		252		2,114		1,661		1,251		1,285	
Motor Vehicle Accidents	942		9		135		265		283		203		47	
Other Transport Accidents	66		1		7		18		29		11		0	
Cerebrovascular Disease	5,948	4	2		5	9	48	9	497	8	2,396	4	3,000	3
Chronic Lower Respiratory Dis.	5,563	5	1		4		25		717	4	3,202	3	1,614	5
Alzheimer's Disease	4,175	6	0		0		0		39		1,262	7	2,874	4
Diabetes Mellitus	3,502	7	1		10	8	74	7	703	5	1,802	5	912	8
Nephritis, Nephrotic Syndrome, and Nephrosis	2,391	8	0		2		18		209		1,120	8	1,042	7
Influenza & Pneumonia	2,075	9	6	7	1		50	8	255	10	924	10	839	9
Septicemia	1,882	10	2		1		48	9	342	9	924	10	565	
Parkinson's Disease	1,704		0		0		0		35		950	9	719	10
Intentional Self-harm (Suicide)	1,485		0		153	2	446	2	537	7	307		42	
Chronic Liver Dis. and Cirrhosis	1,439		0		1		108	6	659	6	581		90	
Essential Hypertension and Hypertensive Renal Disease	1,198		0		0		8		135		484		571	
Assault (Homicide)	248		12	5	36	4	112	5	69		14		5	
In Situ, Benign, and Uncertain Neoplasms	745		1		1		12		64		384		283	
Nutritional Deficiencies	506		0		1		2		22		180		301	
Perinatal Conditions	213		212	1	1		0		0		0		0	
Congenital Malformations, Deformations & Chromosomal Abnormalities	284		89	2	14	6	30		96		43		12	
Anemias	313		2		0		1		26		130		154	
Disorders of Biliary Tract & Pancreas	204		0		2		18		40		84		60	
Multiple Sclerosis	210		0		0		0		72		123		15	
Cholelithiasis & Other Disorders of Gallbladder	168		0		0		1		13		76		78	
Atherosclerosis	173		0		0		0		11		55		107	
Phlebitis, Thrombophlebitis, Venous Embolism & Thrombosis	93		0		1		12		27		36		17	
Peptic Ulcer	117		0		0		2		23		56		36	
HIV Disease	53		0		0		7		25		21		0	
Epilepsy	89		1		11	7	11		26		32		8	
Hernia	87		0		0		2		13		28		44	
Pneumoconiosis	26		0		0		0		2		10		14	
All Other Causes	37,817		94		88		695		3,923		15,237		17,780	

\*Includes any unknown ages.

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

Starting in 2013, the categorization of race data has changed. Please see Section J of the Technical Notes for further explanation.

Table C-11E  
**Selected Causes of Death by Age Group - Black Race**  
**Number and Rank: Pennsylvania Residents, 2020**

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	17,102		247		437		1,467		4,418		7,188		3,344	
Diseases of Heart	3,584	1	4		10	4	134	3	979	1	1,606	1	850	1
Cancer (Malignant Neoplasms)	2,701	2	3		10	4	87	4	809	2	1,439	2	353	2
Accidents	1,351	3	21	3	91	2	458	1	548	3	182	7	51	9
Nontransport Accidents	1,154		15		57		376		497		160		49	
Motor Vehicle Accidents	188		6		33		81		46		21		1	
Other Transport Accidents	9		0		1		1		5		1		1	
Cerebrovascular Disease	711	4	1		0		12	9	152	5	337	3	209	3
Chronic Lower Respiratory Dis.	462	7	0		6	6	8		109	6	261	4	78	6
Alzheimer's Disease	266	10	0		0		0		5		88	10	173	4
Diabetes Mellitus	566	6	0		3		38	6	193	4	256	5	76	7
Nephritis, Nephrotic Syndrome, and Nephrosis	421	8	1		1		16	7	88	7	218	6	97	5
Influenza & Pneumonia	213		2		2		7		59		102	9	41	
Septicemia	302	9	2		0		7		80	8	168	8	45	10
Parkinson's Disease	53		0		0		0		2		28		23	
Intentional Self-harm (Suicide)	122		0		23	3	63	5	28		6		2	
Chronic Liver Dis. and Cirrhosis	134		0		1		12	9	73	9	44		4	
Essential Hypertension and Hypertensive Renal Disease	180		0		0		2		37		80		61	8
Assault (Homicide)	647	5	8	4	230	1	345	2	60	10	4		0	
In Situ, Benign, and Uncertain Neoplasms	69		2		0		2		11		37		17	
Nutritional Deficiencies	46		0		0		1		5		17		23	
Perinatal Conditions	104		104	1	0		0		0		0		0	
Congenital Malformations, Deformations & Chromosomal Abnormalities	46		28	2	6	6	3		6		3		0	
Anemias	27		0		1		7		4		10		5	
Disorders of Biliary Tract & Pancreas	28		0		0		8		7		10		3	
Multiple Sclerosis	26		0		0		2		12		11		1	
Cholelithiasis & Other Disorders of Gallbladder	16		0		0		0		4		7		5	
Atherosclerosis	6		0		0		0		1		1		4	
Phlebitis, Thrombophlebitis, Venous Embolism & Thrombosis	34		0		0		8		19		7		0	
Peptic Ulcer	12		0		0		0		3		7		2	
HIV Disease	68		0		0		13	8	33		20		2	
Epilepsy	25		1		1		4		8		9		2	
Hernia	8		0		0		1		5		1		1	
Pneumoconiosis	0		0		0		0		0		0		0	
All Other Causes	4,874		70		52		229		1,078		2,229		1,216	

\*Includes any unknown ages.

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

Starting in 2013, the categorization of race data has changed. Please see Section J of the Technical Notes for further explanation.

Table C-11F  
**Selected Causes of Death by Age Group - Hispanic Origin**  
**Number and Rank: Pennsylvania Residents, 2020**

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	4,315		114		166		624		1,171		1,603		637	
Diseases of Heart	585	2	1		10	5	32	4	160	3	269	2	113	1
Cancer (Malignant Neoplasms)	621	1	2		12	4	56	2	192	1	292	1	67	2
Accidents	583	3	8	3	65	1	278	1	181	2	40	6	11	9
Nontransport Accidents	473		4		37		228		156		37		11	
Motor Vehicle Accidents	108		4		28		48		25		3		0	
Other Transport Accidents	2		0		0		2		0		0		0	
Cerebrovascular Disease	186	4	1		2		11	7	40	5	85	3	47	3
Chronic Lower Respiratory Dis.	82	8	0		0		5	10	23	8	39	7	15	6
Alzheimer's Disease	93	6	0		0		0		3		48	5	42	4
Diabetes Mellitus	160	5	0		4		14	6	54	4	65	4	23	5
Nephritis, Nephrotic Syndrome, and Nephrosis	68	10	0		1		1		16	9	36	8	14	7
Influenza & Pneumonia	47		0		1		2		13	10	19	10	12	8
Septicemia	73	9	1		0		7	9	26	7	32	9	7	
Parkinson's Disease	23		0		0		0		1		13		9	10
Intentional Self-harm (Suicide)	58		0		16	3	25	5	13	10	4		0	
Chronic Liver Dis. and Cirrhosis	60		0		0		10	8	33	6	16		1	
Essential Hypertension and Hypertensive Renal Disease	25		0		0		1		10		8		6	
Assault (Homicide)	92	7	4		30	2	45	3	13	10	0		0	
In Situ, Benign, and Uncertain Neoplasms	21		0		1		3		4		6		7	
Nutritional Deficiencies	7		0		0		0		1		2		4	
Perinatal Conditions	44		44	1	0		0		0		0		0	
Congenital Malformations, Deformations & Chromosomal Abnormalities	26		22	2	2		1		1		0		0	
Anemias	3		0		0		0		1		1		1	
Disorders of Biliary Tract & Pancreas	7		0		0		2		4		1		0	
Multiple Sclerosis	2		0		0		0		0		2		0	
Cholelithiasis & Other Disorders of Gallbladder	5		0		0		0		3		0		2	
Atherosclerosis	1		0		0		0		1		0		0	
Phlebitis, Thrombophlebitis, Venous Embolism & Thrombosis	3		0		1		0		2		0		0	
Peptic Ulcer	2		0		0		0		0		2		0	
HIV Disease	12		0		0		2		8		2		0	
Epilepsy	7		0		1		2		2		2		0	
Hernia	1		0		0		0		0		1		0	
Pneumoconiosis	1		0		0		0		1		0		0	
All Other Causes	1,417		31		20		127		365		618		256	

\*Includes any unknown ages.

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



Table C-12A  
**Resident Death Rates\* for Selected Causes of Death  
 by Age Group, Pennsylvania, 2020**

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	1,197.5	125.0	45.1	210.1	727.6	3,154.8	18,169.7
Diseases of Heart	253.1	1.7	1.6	15.9	140.9	643.3	4,607.5
Cancer (Malignant Neoplasms)	214.8	2.9	2.5	16.1	180.8	743.1	1,773.1
Accidents	73.1	11.1	17.4	94.0	77.8	79.9	469.5
Nontransport Accidents	63.1	8.5	11.0	81.7	66.6	68.5	452.8
Motor Vehicle Accidents	9.4	2.4	6.1	11.7	10.2	10.9	16.3
Other Transport Accidents	0.6	ND	ND	0.6	1.0	0.6	ND
Cerebrovascular Disease	53.3	ND	ND	2.2	20.3	134.6	1,098.3
Chronic Lower Respiratory Dis.	47.2	ND	0.4	1.1	24.6	166.4	570.1
Alzheimer's Disease	35.0	ND	ND	ND	1.4	65.9	1,032.6
Diabetes Mellitus	32.7	ND	0.5	3.7	27.3	101.0	342.1
Nephritis, Nephrotic Syndrome, and Nephrosis	22.4	ND	ND	1.1	9.2	65.6	386.8
Influenza & Pneumonia	18.1	ND	ND	1.9	9.5	49.7	300.1
Septicemia	17.5	ND	ND	1.8	12.9	53.9	206.7
Parkinson's Disease	13.8	ND	ND	ND	1.1	47.4	252.4
Intentional Self-harm (Suicide)	13.0	ND	6.2	16.5	17.0	15.0	15.0
Chronic Liver Dis. and Cirrhosis	12.5	ND	ND	4.0	21.9	30.4	32.0
Essential Hypertension and Hypertensive Renal Disease	10.9	ND	ND	0.4	5.2	27.5	214.4
Assault (Homicide)	7.6	3.9	9.4	15.2	4.1	0.9	ND
In Situ, Benign, and Uncertain Neoplasms	6.5	ND	ND	0.5	2.3	20.3	102.0
Nutritional Deficiencies	4.3	ND	ND	ND	0.8	9.6	109.4
Perinatal Conditions	2.9	54.7	ND	ND	ND	ND	ND
Congenital Malformations, Deformations & Chromosomal Abnormalities	2.8	20.0	0.7	1.1	3.0	2.3	4.0
Anemias	2.6	ND	ND	ND	0.9	6.7	53.3
Disorders of Biliary Tract & Pancreas	1.9	ND	ND	0.9	1.6	4.6	21.3
Multiple Sclerosis	1.8	ND	ND	ND	2.4	6.4	5.3
Cholelithiasis & Other Disorders of Gallbladder	1.5	ND	ND	ND	0.6	4.1	28.0
Atherosclerosis	1.4	ND	ND	ND	0.4	2.6	37.3
Phlebitis, Thrombophlebitis, Venous Embolism & Thrombosis	1.0	ND	ND	0.6	1.4	2.2	5.7
Peptic Ulcer	1.0	ND	ND	ND	0.8	3.1	12.7
HIV Disease	1.0	ND	ND	0.7	1.8	2.0	ND
Epilepsy	0.9	ND	0.4	0.5	1.0	2.0	3.3
Hernia	0.7	ND	ND	ND	0.5	1.4	15.0
Pneumoconiosis	0.2	ND	ND	ND	ND	0.5	4.7
All Other Causes	341.8	26.9	5.1	31.3	156.1	862.5	6,464.3

\* Rate per 100,000 population for each specified age group, 2020.

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

Table C-12B  
**Resident Death Rates\* for Selected Causes of Death  
 by Age Group - Males, Pennsylvania, 2020**

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	1,221.5	132.2	66.0	282.9	908.1	3,715.4	19,985.8
Diseases of Heart	271.7	ND	1.9	21.0	198.6	833.9	5,415.5
Cancer (Malignant Neoplasms)	226.9	ND	2.4	14.6	193.2	872.1	2,405.2
Accidents	95.9	12.3	24.6	132.1	110.6	104.8	587.3
Nontransport Accidents	81.1	10.4	15.2	113.9	92.9	89.2	555.7
Motor Vehicle Accidents	13.9	ND	9.0	17.4	16.2	14.7	30.5
Other Transport Accidents	0.8	ND	ND	0.8	1.5	ND	ND
Cerebrovascular Disease	43.5	ND	ND	2.4	23.4	139.3	967.6
Chronic Lower Respiratory Dis.	45.0	ND	ND	1.5	24.5	180.5	658.2
Alzheimer's Disease	20.5	ND	ND	ND	1.2	52.5	767.6
Diabetes Mellitus	35.9	ND	ND	4.8	35.4	122.8	402.0
Nephritis, Nephrotic Syndrome, and Nephrosis	23.2	ND	ND	1.4	10.8	75.5	527.2
Influenza & Pneumonia	17.9	ND	ND	2.0	10.7	57.1	359.7
Septicemia	17.0	ND	ND	1.8	14.6	59.1	225.6
Parkinson's Disease	16.7	ND	ND	ND	1.6	64.8	406.9
Intentional Self-harm (Suicide)	21.2	ND	10.1	26.0	26.6	27.7	39.4
Chronic Liver Dis. and Cirrhosis	16.0	ND	ND	5.0	29.4	39.9	45.3
Essential Hypertension and Hypertensive Renal Disease	9.4	ND	ND	ND	6.6	31.7	172.4
Assault (Homicide)	13.1	3.6	17.0	25.8	6.4	1.1	ND
In Situ, Benign, and Uncertain Neoplasms	7.1	ND	ND	0.6	2.9	25.7	141.9
Nutritional Deficiencies	3.3	ND	ND	ND	0.8	8.8	106.4
Perinatal Conditions	3.2	57.3	ND	ND	ND	ND	ND
Congenital Malformations, Deformations & Chromosomal Abnormalities	3.0	20.8	0.6	1.1	3.5	2.6	ND
Anemias	2.4	ND	ND	ND	1.2	7.5	56.2
Disorders of Biliary Tract & Pancreas	2.0	ND	ND	1.1	1.6	5.3	23.6
Multiple Sclerosis	1.4	ND	ND	ND	2.2	5.1	ND
Cholelithiasis & Other Disorders of Gallbladder	1.5	ND	ND	ND	0.8	4.6	35.5
Atherosclerosis	1.2	ND	ND	ND	ND	3.0	35.5
Phlebitis, Thrombophlebitis, Venous Embolism & Thrombosis	1.1	ND	ND	0.7	2.0	1.9	ND
Peptic Ulcer	1.2	ND	ND	ND	1.1	4.2	19.7
HIV Disease	1.4	ND	ND	0.8	2.4	3.7	ND
Epilepsy	0.8	ND	ND	0.7	0.9	1.4	ND
Hernia	0.5	ND	ND	ND	ND	1.0	9.9
Pneumoconiosis	0.4	ND	ND	ND	ND	1.0	12.8
All Other Causes	317.5	30.0	6.9	38.5	194.1	976.6	6,550.6

\* Rate per 100,000 male population for each specified age group, 2020.

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

Table C-12C  
**Resident Death Rates\* for Selected Causes of Death  
 by Age Group - Females, Pennsylvania, 2020**

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	1,174.0	117.2	23.3	135.3	550.4	2,674.8	17,240.4
Diseases of Heart	235.1	ND	1.2	10.7	84.3	480.1	4,194.3
Cancer (Malignant Neoplasms)	203.1	3.8	2.6	17.7	168.6	632.6	1,449.3
Accidents	50.9	9.7	9.9	54.8	45.6	58.6	409.2
Nontransport Accidents	45.5	6.5	6.6	48.6	40.7	50.8	400.1
Motor Vehicle Accidents	5.0	2.9	3.1	5.8	4.3	7.5	9.1
Other Transport Accidents	0.3	ND	ND	ND	ND	ND	ND
Cerebrovascular Disease	62.9	ND	ND	2.0	17.2	130.5	1,165.1
Chronic Lower Respiratory Dis.	49.3	ND	ND	0.7	24.7	154.2	525.1
Alzheimer's Disease	49.1	ND	ND	ND	1.6	77.4	1,168.1
Diabetes Mellitus	29.6	ND	ND	2.6	19.4	82.4	311.4
Nephritis, Nephrotic Syndrome, and Nephrosis	21.6	ND	ND	0.9	7.5	57.1	315.0
Influenza & Pneumonia	18.3	ND	ND	1.7	8.2	43.3	269.6
Septicemia	18.0	ND	ND	1.8	11.3	49.5	197.0
Parkinson's Disease	11.0	ND	ND	ND	0.7	32.4	173.4
Intentional Self-harm (Suicide)	5.0	ND	2.1	6.8	7.5	4.2	ND
Chronic Liver Dis. and Cirrhosis	9.2	ND	ND	3.0	14.6	22.2	25.2
Essential Hypertension and Hypertensive Renal Disease	12.4	ND	ND	ND	3.9	23.9	235.8
Assault (Homicide)	2.3	4.1	1.5	4.3	1.7	ND	ND
In Situ, Benign, and Uncertain Neoplasms	5.8	ND	ND	ND	1.8	15.7	81.6
Nutritional Deficiencies	5.4	ND	ND	ND	0.9	10.3	110.9
Perinatal Conditions	2.7	51.8	ND	ND	ND	ND	ND
Congenital Malformations, Deformations & Chromosomal Abnormalities	2.6	19.1	0.8	1.0	2.5	2.1	ND
Anemias	2.9	ND	ND	ND	0.7	6.0	51.9
Disorders of Biliary Tract & Pancreas	1.8	ND	ND	ND	1.5	4.0	20.2
Multiple Sclerosis	2.3	ND	ND	ND	2.7	7.5	7.6
Cholelithiasis & Other Disorders of Gallbladder	1.5	ND	ND	ND	ND	3.6	24.2
Atherosclerosis	1.6	ND	ND	ND	ND	2.4	38.3
Phlebitis, Thrombophlebitis, Venous Embolism & Thrombosis	1.0	ND	ND	0.6	0.7	2.4	6.6
Peptic Ulcer	0.8	ND	ND	ND	ND	2.1	9.1
HIV Disease	0.6	ND	ND	ND	1.3	ND	ND
Epilepsy	1.0	ND	ND	ND	1.2	2.5	ND
Hernia	1.0	ND	ND	ND	ND	1.8	17.6
Pneumoconiosis	ND	ND	ND	ND	ND	ND	ND
All Other Causes	365.5	23.6	3.3	23.9	118.8	764.8	6,420.2

\* Rate per 100,000 female population for each specified age group, 2020.

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

Table C-12D  
**Resident Death Rates\* for Selected Causes of Death  
 by Age Group - White Race, Pennsylvania, 2020**

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	1,261.5	95.9	33.8	188.2	663.4	3,036.9	18,289.5
Diseases of Heart	269.9	ND	1.3	13.5	126.3	616.0	4,651.7
Cancer (Malignant Neoplasms)	230.5	2.6	1.9	14.8	176.2	733.1	1,775.3
Accidents	72.1	8.5	16.6	92.8	67.5	77.4	486.0
Nontransport Accidents	62.5	6.5	10.6	81.9	56.8	66.1	468.8
Motor Vehicle Accidents	8.9	ND	5.7	10.3	9.7	10.7	17.1
Other Transport Accidents	0.6	ND	ND	0.7	1.0	0.6	ND
Cerebrovascular Disease	56.4	ND	ND	1.9	17.0	126.7	1,094.5
Chronic Lower Respiratory Dis.	52.7	ND	ND	1.0	24.5	169.3	588.9
Alzheimer's Disease	39.6	ND	ND	ND	1.3	66.7	1,048.6
Diabetes Mellitus	33.2	ND	0.4	2.9	24.0	95.3	332.7
Nephritis, Nephrotic Syndrome, and Nephrosis	22.7	ND	ND	0.7	7.1	59.2	380.2
Influenza & Pneumonia	19.7	ND	ND	1.9	8.7	48.8	306.1
Septicemia	17.8	ND	ND	1.9	11.7	48.8	206.1
Parkinson's Disease	16.1	ND	ND	ND	1.2	50.2	262.3
Intentional Self-harm (Suicide)	14.1	ND	6.4	17.3	18.4	16.2	15.3
Chronic Liver Dis. and Cirrhosis	13.6	ND	ND	4.2	22.5	30.7	32.8
Essential Hypertension and Hypertensive Renal Disease	11.4	ND	ND	ND	4.6	25.6	208.3
Assault (Homicide)	2.4	2.4	1.5	4.3	2.4	0.7	ND
In Situ, Benign, and Uncertain Neoplasms	7.1	ND	ND	0.5	2.2	20.3	103.3
Nutritional Deficiencies	4.8	ND	ND	ND	0.8	9.5	109.8
Perinatal Conditions	2.0	41.8	ND	ND	ND	ND	ND
Congenital Malformations, Deformations & Chromosomal Abnormalities	2.7	17.6	0.6	1.2	3.3	2.3	4.4
Anemias	3.0	ND	ND	ND	0.9	6.9	56.2
Disorders of Biliary Tract & Pancreas	1.9	ND	ND	0.7	1.4	4.4	21.9
Multiple Sclerosis	2.0	ND	ND	ND	2.5	6.5	5.5
Cholelithiasis & Other Disorders of Gallbladder	1.6	ND	ND	ND	0.4	4.0	28.5
Atherosclerosis	1.6	ND	ND	ND	0.4	2.9	39.0
Phlebitis, Thrombophlebitis, Venous Embolism & Thrombosis	0.9	ND	ND	0.5	0.9	1.9	6.2
Peptic Ulcer	1.1	ND	ND	ND	0.8	3.0	13.1
HIV Disease	0.5	ND	ND	ND	0.9	1.1	ND
Epilepsy	0.8	ND	0.5	0.4	0.9	1.7	ND
Hernia	0.8	ND	ND	ND	0.4	1.5	16.1
Pneumoconiosis	0.2	ND	ND	ND	ND	0.5	5.1
All Other Causes	358.4	18.6	3.7	26.9	134.2	805.5	6,486.9

\* Rate per 100,000 population for each specified age group, 2020.

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

Starting in 2013, the categorization of race data has changed. Please see Section J of the Technical Notes for further explanation.

Table C-12E  
**Resident Death Rates\* for Selected Causes of Death  
 by Age Group - Black Race, Pennsylvania, 2020**

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	1,082.1	223.8	92.4	322.9	1,224.8	4,417.2	17,001.4
Diseases of Heart	226.8	ND	2.1	29.5	271.4	986.9	4,321.5
Cancer (Malignant Neoplasms)	170.9	ND	2.1	19.2	224.3	884.3	1,794.7
Accidents	85.5	19.0	19.2	100.8	151.9	111.8	259.3
Nontransport Accidents	73.0	13.6	12.1	82.8	137.8	98.3	249.1
Motor Vehicle Accidents	11.9	ND	7.0	17.8	12.8	12.9	ND
Other Transport Accidents	ND	ND	ND	ND	ND	ND	ND
Cerebrovascular Disease	45.0	ND	ND	2.6	42.1	207.1	1,062.6
Chronic Lower Respiratory Dis.	29.2	ND	ND	ND	30.2	160.4	396.6
Alzheimer's Disease	16.8	ND	ND	ND	ND	54.1	879.6
Diabetes Mellitus	35.8	ND	ND	8.4	53.5	157.3	386.4
Nephritis, Nephrotic Syndrome, and Nephrosis	26.6	ND	ND	3.5	24.4	134.0	493.2
Influenza & Pneumonia	13.5	ND	ND	ND	16.4	62.7	208.4
Septicemia	19.1	ND	ND	ND	22.2	103.2	228.8
Parkinson's Disease	3.4	ND	ND	ND	ND	17.2	116.9
Intentional Self-harm (Suicide)	7.7	ND	4.9	13.9	7.8	ND	ND
Chronic Liver Dis. and Cirrhosis	8.5	ND	ND	2.6	20.2	27.0	ND
Essential Hypertension and Hypertensive Renal Disease	11.4	ND	ND	ND	10.3	49.2	310.1
Assault (Homicide)	40.9	ND	48.7	75.9	16.6	ND	ND
In Situ, Benign, and Uncertain Neoplasms	4.4	ND	ND	ND	3.0	22.7	86.4
Nutritional Deficiencies	2.9	ND	ND	ND	ND	10.4	116.9
Perinatal Conditions	6.6	94.2	ND	ND	ND	ND	ND
Congenital Malformations, Deformations & Chromosomal Abnormalities	2.9	25.4	ND	ND	ND	ND	ND
Anemias	1.7	ND	ND	ND	ND	6.1	ND
Disorders of Biliary Tract & Pancreas	1.8	ND	ND	ND	ND	6.1	ND
Multiple Sclerosis	1.6	ND	ND	ND	3.3	6.8	ND
Cholelithiasis & Other Disorders of Gallbladder	1.0	ND	ND	ND	ND	ND	ND
Atherosclerosis	ND	ND	ND	ND	ND	ND	ND
Phlebitis, Thrombophlebitis, Venous Embolism & Thrombosis	2.2	ND	ND	ND	5.3	ND	ND
Peptic Ulcer	0.8	ND	ND	ND	ND	ND	ND
HIV Disease	4.3	ND	ND	2.9	9.1	12.3	ND
Epilepsy	1.6	ND	ND	ND	ND	ND	ND
Hernia	ND	ND	ND	ND	ND	ND	ND
Pneumoconiosis	ND	ND	ND	ND	ND	ND	ND
All Other Causes	308.4	63.4	11.0	50.4	298.9	1,369.8	6,182.3

\* Rate per 100,000 population for each specified age group, 2020.

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

Starting in 2013, the categorization of race data has changed. Please see Section J of the Technical Notes for further explanation.

Table C-12F  
**Resident Death Rates\* for Selected Causes of Death  
 by Age Group - Hispanic Origin, Pennsylvania, 2020**

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	408.8	112.8	43.5	194.4	618.5	2,822.6	11,167.6
Diseases of Heart	55.4	ND	2.6	10.0	84.5	473.7	1,981.1
Cancer (Malignant Neoplasms)	58.8	ND	3.1	17.4	101.4	514.2	1,174.6
Accidents	55.2	ND	17.0	86.6	95.6	70.4	192.8
Nontransport Accidents	44.8	ND	9.7	71.0	82.4	65.2	192.8
Motor Vehicle Accidents	10.2	ND	7.3	15.0	13.2	ND	ND
Other Transport Accidents	ND	ND	ND	ND	ND	ND	ND
Cerebrovascular Disease	17.6	ND	ND	3.4	21.1	149.7	824.0
Chronic Lower Respiratory Dis.	7.8	ND	ND	ND	12.1	68.7	263.0
Alzheimer's Disease	8.8	ND	ND	ND	ND	84.5	736.3
Diabetes Mellitus	15.2	ND	ND	4.4	28.5	114.5	403.2
Nephritis, Nephrotic Syndrome, and Nephrosis	6.4	ND	ND	ND	8.5	63.4	245.4
Influenza & Pneumonia	4.5	ND	ND	ND	6.9	33.5	210.4
Septicemia	6.9	ND	ND	ND	13.7	56.3	ND
Parkinson's Disease	2.2	ND	ND	ND	ND	22.9	ND
Intentional Self-harm (Suicide)	5.5	ND	4.2	7.8	6.9	ND	ND
Chronic Liver Dis. and Cirrhosis	5.7	ND	ND	3.1	17.4	28.2	ND
Essential Hypertension and Hypertensive Renal Disease	2.4	ND	ND	ND	5.3	ND	ND
Assault (Homicide)	8.7	ND	7.9	14.0	6.9	ND	ND
In Situ, Benign, and Uncertain Neoplasms	2.0	ND	ND	ND	ND	ND	ND
Nutritional Deficiencies	ND	ND	ND	ND	ND	ND	ND
Perinatal Conditions	4.2	43.5	ND	ND	ND	ND	ND
Congenital Malformations, Deformations & Chromosomal Abnormalities	2.5	21.8	ND	ND	ND	ND	ND
Anemias	ND	ND	ND	ND	ND	ND	ND
Disorders of Biliary Tract & Pancreas	ND	ND	ND	ND	ND	ND	ND
Multiple Sclerosis	ND	ND	ND	ND	ND	ND	ND
Cholelithiasis & Other Disorders of Gallbladder	ND	ND	ND	ND	ND	ND	ND
Atherosclerosis	ND	ND	ND	ND	ND	ND	ND
Phlebitis, Thrombophlebitis, Venous Embolism & Thrombosis	ND	ND	ND	ND	ND	ND	ND
Peptic Ulcer	ND	ND	ND	ND	ND	ND	ND
HIV Disease	1.1	ND	ND	ND	ND	ND	ND
Epilepsy	ND	ND	ND	ND	ND	ND	ND
Hernia	ND	ND	ND	ND	ND	ND	ND
Pneumoconiosis	ND	ND	ND	ND	ND	ND	ND
All Other Causes	134.2	30.7	5.2	39.6	192.8	1,088.2	4,488.1

\* Rate per 100,000 population for each specified age group, 2020.

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

Hispanic origin can be of any race.

Table C-13  
**Number of Deaths, Age-Adjusted Death Rates and 95% Confidence Intervals for Selected Causes of Death  
 Pennsylvania Residents, 2020 and Average Annual, 2016-2020  
 and Age-Adjusted Death Rates, United States, 2020**

Cause of Death	Pennsylvania						United States
	2020			2016-2020			2020
	Number	Rate	CI (95%)	Number	Rate	CI (95%)	Rate
All Causes	155,551	890.2	885.8-894.6	692,429	788.4	786.5-790.3	NA
Diseases of Heart	32,880	181.8	179.8-183.8	161,979	176.2	175.3-177.1	NA
Cancer (Malignant Neoplasms)	27,907	155.2	153.4-157.0	140,288	157.8	157.0-158.6	NA
Accidents	9,494	68.1	66.7-69.5	44,397	64.4	63.8-65.0	NA
Nontransport Accidents	8,193	58.5	57.2-59.8	37,876	54.7	54.2-55.3	NA
Motor Vehicle Accidents	1,225	9.1	8.6-9.6	6,114	9.0	8.8-9.2	NA
Other Transport Accidents	76	0.5	0.4-0.6	407	0.6	0.5-0.7	NA
Cerebrovascular Disease	6,925	38.2	37.3-39.1	33,532	36.3	35.9-36.7	NA
Chronic Lower Respiratory Dis.	6,128	33.7	32.9-34.5	32,064	35.3	34.9-35.7	NA
Alzheimer's Disease	4,540	24.7	24.0-25.4	21,143	21.9	21.6-22.2	NA
Diabetes Mellitus	4,246	24.0	23.3-24.7	18,735	21.1	20.8-21.4	NA
Nephritis, Nephrotic Syndrome, and Nephrosis	2,907	16.1	15.5-16.7	14,494	15.9	15.6-16.2	NA
Influenza & Pneumonia	2,352	13.2	12.7-13.7	12,883	14.1	13.9-14.3	NA
Septicemia	2,273	12.8	12.3-13.3	11,705	13.1	12.9-13.3	NA
Parkinson's Disease	1,799	10.1	9.6-10.6	7,993	8.8	8.6-9.0	NA
Intentional Self-harm (Suicide)	1,686	12.3	11.7-12.9	9,573	14.2	13.9-14.5	NA
Chronic Liver Dis. and Cirrhosis	1,629	9.8	9.3-10.3	7,198	8.6	8.4-8.8	NA
Essential Hypertension/H.R.D.*	1,418	7.7	7.3-8.1	5,788	6.2	6.0-6.4	NA
Assault (Homicide)	988	8.3	7.8-8.8	4,006	6.7	6.5-6.9	NA

\* Hypertensive Renal Disease

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

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

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

2020 US National Death data currently not yet available.

Table C-14  
**Resident Deaths by Cause, Number and Rate: Pennsylvania, 2020**

Cause of Death (Based on the Tenth Revision, International Classification of Diseases)	Number of Deaths	Rate*
All Causes	155,551	1,197.5
Certain Infectious and Parasitic Diseases (A00-B99)	3,417	26.3
Intestinal Infectious Diseases (A00-A09)	303	2.3
Tuberculosis (A16-A19)	14	0.1
Respiratory Tuberculosis (A16)	10	0.1
Other Tuberculosis (A17-A19)	4	ND
Zoonotic and Other Bacterial Diseases (A20-A49)	2,456	18.9
Septicemia (A40-A41)	2,273	17.5
Other Zoonotic and Bacterial Diseases (A20-A39,A42-A49)	183	1.4
Infections With a Predominately Sexual Mode of Transmission (A50-A64)	2	ND
Syphilis (A50-A53)	2	ND
Gonococcal Infection (A54)	0	ND
Other Infections With a Predominately Sexual Mode of Transmission (A55-A64)	0	ND
Other Infections Caused by Spirochetes, Chlamydia or Rickettsia (A65-A79)	4	ND
Lyme Disease (A69.2)	3	ND
All Other Infections (A65-A68,A69.0-A69.1,A69.8-A69.9,A70-A79)	1	ND
Viral Diseases (A80-B34)	506	3.9
Viral Hepatitis (B15-B19)	123	0.9
Human Immunodeficiency Virus (HIV) Disease (B20-B24)	129	1.0
All Other and Unspecified Viral Diseases (A80-A99,B00-B09,B25-B34)	254	2.0
Other and Unspecified Infectious and Parasitic Diseases and Their Sequelae (B35-B99)	132	1.0
Mycoses (B35-B49)	50	0.4
Protozoal Diseases (B50-B64)	12	0.1
Helminthiases (B65-B83)	0	ND
Sequelae of Tuberculosis (B90)	1	ND
Sequelae of Poliomyelitis (B91)	7	ND
All Other and Unspecified Infectious and Parasitic Diseases and Their Sequelae (B85-B89,B92-B99)	62	0.5
Neoplasms (C00-D48)	28,745	221.3
Malignant Neoplasms (C00-C97)	27,907	214.8
Malignant Neoplasms of Lip, Oral Cavity and Pharynx (C00-C14)	498	3.8
Of Lip (C00)	3	ND
Of Tongue (C01-C02)	128	1.0
Of Pharynx (C10-C13,C14.0)	160	1.2
Of Other and Unspecified Sites Within the Lip, Oral Cavity and Pharynx (C03-C09,C14.2-C14.8)	207	1.6
Malignant Neoplasms of Digestive Organs (C15-C26)	7,433	57.2
Of Esophagus (C15)	811	6.2
Of Stomach (C16)	412	3.2
Of Small Intestine (C17)	91	0.7
Of Colon, Rectum and Anus (C18-C21)	2,399	18.5
Colon (C18)	1,821	14.0
Rectosigmoid Junction and Rectum (C19-C20)	506	3.9
Anus and Anal Canal (C21)	72	0.6
Of Liver and Intrahepatic Bile Ducts (C22)	1,269	9.8
Liver (C22.0,C22.2-C22.9)	842	6.5
Intrahepatic Bile Duct Carcinoma (C22.1)	427	3.3
Of Gallbladder and Extrahepatic Bile Ducts (C23-C24)	160	1.2
Of Pancreas (C25)	2,193	16.9
Of Other and Ill-Defined Digestive Organs (C26)	98	0.8

\* Rate per 100,000 population.

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



Table C-14  
**Resident Deaths by Cause, Number and Rate: Pennsylvania, 2020 (Continued)**

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)	6,518	50.2
Of Nasal Cavity, Middle Ear and Accessory Sinuses (C30-C31)	21	0.2
Of Larynx (C32)	182	1.4
Of Trachea, Bronchus and Lung (C33-C34)	6,291	48.4
Of Thymus, Heart, Mediastinum and Pleura (C37-C38)	20	0.2
Of Other and Ill-Defined Sites in Respiratory System and Intrathoracic Organs (C39)	4	ND
Malignant Neoplasms of Bone and Articular Cartilage (C40-C41)	75	0.6
Melanoma and Other Malignant Neoplasms of Skin (C43-C44)	553	4.3
Malignant Melanoma of Skin (C43)	407	3.1
Other Malignant Neoplasms of Skin (C44)	146	1.1
Malignant Neoplasms of Mesothelial and Soft Tissue (C45-C49)	423	3.3
Mesothelioma (C45)	122	0.9
Kaposi's Sarcoma (C46)	0	ND
Of Other Mesothelial and Soft Tissue (C47-C49)	301	2.3
Malignant Neoplasm of Breast (C50)	1,931	14.9
Malignant Neoplasms of Female Genital Organs (C51-C58)	1,620	12.5
Of Vulva and Vagina (C51-C52)	101	0.8
Of Cervix Uteri (C53)	176	1.4
Of Corpus Uteri and Uterus, Part Unspecified (C54-C55)	635	4.9
Of Ovary (C56)	659	5.1
Of Other and Unspecified Female Genital Organs (C57)	49	0.4
Of Placenta (C58)	0	ND
Malignant Neoplasms of Male Genital Organs (C60-C63)	1,432	11.0
Of Prostate (C61)	1,401	10.8
Of Testis (C62)	17	0.1
Of Penis and Other and Unspecified Male Genital Organs (C60,C63)	14	0.1
Malignant Neoplasms of Urinary Tract (C64-C68)	1,464	11.3
Of Kidney and Renal Pelvis (C64-C65)	608	4.7
Of Bladder (C67)	816	6.3
Of Other and Unspecified Sites Within the Urinary Tract (C66,C68)	40	0.3
Malignant Neoplasm of Eye and Adnexa (C69)	14	0.1
Malignant Neoplasms of Meninges, Brain and Other Parts of Central Nervous System (C70-C72)	762	5.9
Of Brain (C71)	750	5.8
Of Other Parts of Central Nervous System (C70,C72)	12	0.1
Malignant Neoplasms of Thyroid and Other Endocrine Glands (C73-C75)	120	0.9
Other Malignant Neoplasms of Other and Unspecified Sites (C76-C80,C97)	2,383	18.3
Malignant Neoplasms of Lymphoid, Hematopoietic and Related Tissue (C81-C96)	2,681	20.6
Hodgkin's Disease (C81)	46	0.4
Of Other Lymphoid, Hematopoietic and Related Tissue (C82-C85,C96)	991	7.6
Non-Hodgkin's Lymphoma (C82-C85)	986	7.6
Of Other and Unspecified Lymphoid, Hematopoietic and Related Tissue (C96)	5	ND
Malignant Immunoproliferative Diseases (C88)	14	0.1
Multiple Myeloma and Malignant Plasma Cell Neoplasms (C90)	530	4.1
Leukemia (C91-C95)	1,100	8.5
Lymphoid Leukemia (C91)	316	2.4
Myeloid Leukemia (C92)	590	4.5
Monocytic Leukemia (C93)	5	ND
Other and Unspecified Leukemia (C94-C95)	189	1.5

\* Rate per 100,000 population.

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

Table C-14  
**Resident Deaths by Cause, Number and Rate: Pennsylvania, 2020 (Continued)**

Cause of Death (Based on the Tenth Revision, International Classification of Diseases)	Number of Deaths	Rate*
In Situ Neoplasms (D00-D09)	4	ND
Carcinoma In Situ of Breast and Genitourinary System (D05-D07)	1	ND
Carcinoma In Situ of Other and Unspecified Sites (D00-D04,D09)	3	ND
Benign Neoplasms (D10-D36)	72	0.6
Of Female Genital Organs (D25-D28)	0	ND
Of Eye, Brain and Other Parts of Central Nervous System (D31-D33)	57	0.4
Of Other and Unspecified Sites (D10-D24,D29-D30,D34-D36)	15	0.1
Neoplasms of Uncertain or Unknown Behavior of Specified Sites (D37-D47)	684	5.3
Neoplasm of Uncertain or Unknown Behavior of Unspecified Sites (D48)	78	0.6
Diseases of the Blood and Blood-Forming Organs and Certain Disorders Involving the Immune Mechanism (D50-D89)	629	4.8
Anemias (D50-D64)	344	2.6
Nutritional Anemias (D50-D53)	35	0.3
Hemolytic Anemias (D55-D59)	23	0.2
Aplastic Anemias (D60-D61)	52	0.4
Acute Posthemorrhagic and Other Anemias (D62,D64)	234	1.8
Coagulation Defects, Purpura and Other Hemorrhagic Conditions (D65-D69)	138	1.1
Other Diseases of Blood and Blood-Forming Organs (D70-D76)	64	0.5
Certain Disorders Involving the Immune Mechanism (D80-D89)	83	0.6
Endocrine, Nutritional and Metabolic Diseases (E00-E88)	6,863	52.8
Endocrine Diseases (E00-E34)	4,439	34.2
Disorders of Thyroid Gland (E00-E07)	121	0.9
Diabetes Mellitus (E10-E14)	4,246	32.7
Disorders of Pituitary Gland (E22-E23)	14	0.1
Disorders of Adrenal Glands (E24-E27)	18	0.1
Diseases of Thymus (E32)	0	ND
Other Endocrine Diseases (E15-E21,E28-E31,E34)	40	0.3
Nutritional Diseases (E40-E68)	943	7.3
Malnutrition (E40-E46)	559	4.3
Nutritional Marasmus (E41)	0	ND
Other and Unspecified Malnutrition (E40,E42-E46)	559	4.3
Other Nutritional Deficiencies (E50-E64)	4	ND
Obesity and Other Hyperalimentation (E65-E68)	380	2.9
Metabolic Disorders (E70-E88)	1,481	11.4
Cystic Fibrosis (E84)	10	0.1
Volume Depletion, Disorders of Fluid, Electrolyte and Acid-Base Balance (E86-E87)	424	3.3
Other Metabolic Disorders (E70-E83,E85,E88)	1,047	8.1
Mental and Behavioral Disorders (F01-F99)	9,103	70.1
Organic Dementia (F01,F03)	8,357	64.3
Other and Unspecified Organic Mental Disorders (F04-F09)	53	0.4
Mental and Behavioral Disorders Due to Psychoactive Substance Use (F10-F19)	543	4.2
Mental and Behavioral Disorders Due to Use of Alcohol (F10)	425	3.3
Mental and Behavioral Disorders Due to Other Psychoactive Substance Use (F11-F19)	118	0.9
Schizophrenia, Schizotypal and Delusional Disorders (F20-F29)	41	0.3
Mood (Affective) Disorders (F30-F39)	57	0.4
Neurotic, Stress-Related and Somatoform Disorders (F40-F48)	8	ND
Mental Retardation (F70-F79)	19	0.1
Other and Unspecified Mental and Behavioral Disorders (F50-F69,F80-F99)	25	0.2

\* Rate per 100,000 population.

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

Table C-14  
**Resident Deaths by Cause, Number and Rate: Pennsylvania, 2020 (Continued)**

Cause of Death (Based on the Tenth Revision, International Classification of Diseases)	Number of Deaths	Rate*
Diseases of the Nervous System (G00-G98)	9,549	73.5
Meningitis (G00,G03)	22	0.2
Other Inflammatory Diseases of Central Nervous System (G04-G09)	34	0.3
Parkinson's Disease (G20-G21)	1,799	13.8
Alzheimer's Disease (G30)	4,540	35.0
Multiple Sclerosis (G35)	238	1.8
Epilepsy (G40-G41)	118	0.9
Transient Cerebral Ischemic Attacks and Related Syndromes (G45)	11	0.1
Infantile Cerebral Palsy (G80)	86	0.7
All Other Diseases of Nervous System (G10-G12,G23-G25,G31,G36-G37, G43-G44,G47-G72,G81-G98)	2,695	20.7
Diseases of the Eye and Adnexa (H00-H57)	1	ND
Diseases of the Ear and Mastoid Process (H60-H93)	5	ND
Diseases of the Circulatory System (I00-I99)	42,631	328.2
Major Cardiovascular Diseases (I00-I78)	42,432	326.7
Acute Rheumatic Fever and Chronic Rheumatic Heart Diseases (I00-I09)	208	1.6
Acute Rheumatic Fever (I00-I02)	0	ND
Chronic Rheumatic Heart Diseases (I05-I09)	208	1.6
Rheumatic Mitral Valve Diseases (I05)	94	0.7
Rheumatic Aortic Valve Diseases (I06)	5	ND
Disorders of Both Mitral and Aortic Valves (I08.0)	45	0.3
Other Chronic Rheumatic Heart Diseases (I07,I08.1-I08.9,I09)	64	0.5
Hypertensive Diseases (I10-I13)	3,679	28.3
Essential (Primary) Hypertension (I10)	931	7.2
Hypertensive Heart Disease (I11)	1,876	14.4
Hypertensive Renal Disease (I12)	487	3.7
Hypertensive Heart and Renal Disease (I13)	385	3.0
Ischemic Heart Diseases (I20-I25)	17,482	134.6
Acute Myocardial Infarction (I21-I22)	5,088	39.2
Other Acute Ischemic Heart Diseases (I24)	349	2.7
Other Forms of Chronic Ischemic Heart Disease (I20,I25)	12,045	92.7
Atherosclerotic Cardiovascular Disease, So Described (I25.0)	3,586	27.6
All Other Forms of Chronic Ischemic Heart Disease (I20,I25.1-I25.9)	8,459	65.1
Other Heart Diseases (I26-I51)	12,929	99.5
Pulmonary Heart Disease and Diseases of Pulmonary Circulation (I26-I28)	952	7.3
Pulmonary Embolism (I26)	463	3.6
Other Pulmonary Heart Disease and Diseases of Pulmonary Circulation (I27-I28)	489	3.8
Other Non-Pulmonary Forms of Heart Disease (I30-I51)	11,977	92.2
Acute and Subacute Endocarditis (I33)	88	0.7
Diseases of Pericardium and Acute Myocarditis (I30-I31,I40)	47	0.4
Other Diseases of Endocardium (I34-I38)	1,399	10.8
Nonrheumatic Mitral Valve Disorders (I34)	125	1.0
Nonrheumatic Aortic Valve Disorders (I35)	995	7.7
All Other Diseases of Endocardium (I36-I38)	279	2.1
Cardiomyopathy (I42)	1,071	8.2
Conduction Disorders and Cardiac Dysrhythmias (I44-I49)	3,466	26.7
Heart Failure (I50)	5,017	38.6
Congestive Heart Failure (I50.0)	3,707	28.5
Other and Unspecified Heart Failure (I50.1-I50.9)	1,310	10.1
Myocarditis, Unspecified and Myocardial Degeneration (I51.4-I51.5)	30	0.2
All Other and Ill-Defined Forms of Heart Disease (I51.0-I51.3,I51.6-I51.9)	859	6.6

\* Rate per 100,000 population.

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

Table C-14  
**Resident Deaths by Cause, Number and Rate: Pennsylvania, 2020 (Continued)**

Cause of Death (Based on the Tenth Revision, International Classification of Diseases)	Number of Deaths	Rate*
Cerebrovascular Diseases (I60-I69)	6,925	53.3
Subarachnoid Hemorrhage (I60)	221	1.7
Intracerebral and Other Intracranial Hemorrhage (I61-I62)	1,334	10.3
Cerebral Infarction (I63)	678	5.2
Stroke, Not Specified As Hemorrhage or Infarction (I64)	2,686	20.7
Other Cerebrovascular Diseases and Their Sequelae (I67,I69)	2,006	15.4
Diseases of Arteries, Arterioles and Capillaries (I70-I78)	1,209	9.3
Atherosclerosis (I70)	181	1.4
Aortic Aneurysm and Dissection (I71)	505	3.9
Other Diseases of Arteries, Arterioles and Capillaries (I72-I78)	523	4.0
Other Disorders of Circulatory System (I80-I99)	199	1.5
Phlebitis, Thrombophlebitis, Venous Embolism and Thrombosis (I80-I82)	134	1.0
All Other and Unspecified Disorders of Circulatory System (I83-I99)	65	0.5
<b>Diseases of the Respiratory System (J00-J98)</b>	<b>11,770</b>	<b>90.6</b>
Acute Upper Respiratory Infections (J00-J06)	10	0.1
Acute Pharyngitis and Tonsillitis (J02-J03)	2	ND
Acute Laryngitis and Tracheitis (J04)	2	ND
Other and Unspecified Acute Upper Respiratory Infections (J00-J01,J05-J06)	6	ND
Other Diseases of the Respiratory System (J10-J98)	11,750	90.5
Influenza (J10-J11)	234	1.8
Pneumonia (J12-J18)	2,118	16.3
Viral Pneumonia, Not Elsewhere Classified (J12)	81	0.6
Bacterial Pneumonia (J13-J15)	118	0.9
Pneumonia Due to Other or Unspecified Organisms (J16,J18)	1,919	14.8
Other Acute Lower Respiratory Infections (J20-J22)	20	0.2
Acute Bronchitis and Bronchiolitis (J20-J21)	13	0.1
Unspecified Acute Lower Respiratory Infection (J22)	7	ND
Other Diseases of Upper Respiratory Tract (J30-J39)	24	0.2
Chronic Lower Respiratory Diseases (J40-J47)	6,128	47.2
Bronchitis, Chronic and Unspecified, Emphysema and Asthma (J40-J46)	6,072	46.7
Bronchitis, Not Specified As Acute or Chronic (J40)	10	0.1
Chronic Bronchitis (J41-J42)	9	ND
Emphysema (J43)	319	2.5
Other Chronic Obstructive Pulmonary Disease (J44)	5,568	42.9
Asthma (J45-J46)	166	1.3
Bronchiectasis (J47)	56	0.4
Lung Diseases Due to External Agents (J60-J70)	1,081	8.3
Pneumoconiosis and Chemical Effects (J60-J66,J68)	26	0.2
Pneumonitis Due to Solids and Liquids (J69)	1,048	8.1
Pneumonitis Due to Food and Vomit (J69.0)	1,048	8.1
Other Pneumonitis Due to Solids and Liquids (J69.1-J69.8)	0	ND
Other Lung Diseases Due to External Agents (J67,J70)	7	ND
Suppurative and Necrotic Conditions of Lower Respiratory Tract (J85-J86)	39	0.3
Pleural Effusion and Plaque (J90,J92)	99	0.8
All Other Diseases of Respiratory System (J80-J84,J93-J98)	2,007	15.5
<b>Diseases of the Digestive System (K00-K92)</b>	<b>5,069</b>	<b>39.0</b>
Diseases of Oral Cavity, Salivary Glands and Jaws (K00-K14)	16	0.1
Diseases of Other Parts of Digestive System (K20-K92)	5,053	38.9
Diseases of Esophagus (K20-K22)	100	0.8
Peptic Ulcer (K25-K28)	131	1.0
Gastric Ulcer (K25)	47	0.4
Duodenal Ulcer (K26)	59	0.5
Peptic Ulcer, Site Unspecified (K27)	23	0.2
Gastrojejunal Ulcer (K28)	2	ND
Gastritis and Duodenitis (K29)	13	0.1

\* Rate per 100,000 population.

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

Table C-14  
**Resident Deaths by Cause, Number and Rate: Pennsylvania, 2020 (Continued)**

<i>Cause of Death (Based on the Tenth Revision, International Classification of Diseases)</i>	Number of Deaths	Rate*
Dyspepsia and Other Diseases of Stomach and Duodenum (K30-K31)	45	0.3
Diseases of Appendix (K35-K38)	16	0.1
Hernia (K40-K46)	96	0.7
Crohn's Disease and Ulcerative Colitis (K50-K51)	49	0.4
Vascular Disorders and Obstruction of Intestine Without Hernia (K55-K56)	712	5.5
Diverticular Disease of Intestine (K57)	132	1.0
Other Diseases of Intestines and Peritoneum (K52,K58-K63)	256	2.0
Diseases of Peritoneum (K65-K66)	98	0.8
Diseases of Liver (K70-K76)	2,281	17.6
Alcoholic Liver Disease (K70)	740	5.7
Chronic Hepatitis, Not Elsewhere Classified (K73)	0	ND
Fibrosis and Cirrhosis of Liver (K74)	889	6.8
Other Diseases of Liver (K71-K72,K75-K76)	652	5.0
Cholelithiasis and Other Disorders of Gallbladder (K80-K82)	191	1.5
Disorders of Biliary Tract and Pancreas (K83-K86)	246	1.9
Pancreatitis (K85,K86.0-K86.1)	118	0.9
Other Disorders of Biliary Tract and Pancreas (K83,K86.2-K86.9)	128	1.0
All Other Diseases of Digestive System (K90,K92)	687	5.3
Diseases of the Skin and Subcutaneous Tissue (L00-L98)	249	1.9
Infections of Skin and Subcutaneous Tissue (L00-L08)	135	1.0
Other and Unspecified Diseases of Skin and Subcutaneous Tissue (L10-L98)	114	0.9
Diseases of the Musculoskeletal System and Connective Tissue (M00-M99)	702	5.4
Rheumatoid Arthritis and Related Inflammatory Polyarthropathies (M05-M08)	90	0.7
Systemic Lupus Erythematosus (M32)	41	0.3
Other Arthropathies and Related Disorders (M00,M02,M10-M31,M33-M35)	179	1.4
Dorsopathies (M40-M54)	89	0.7
Soft Tissue Disorders (M60-M79)	121	0.9
Osteopathies, Chondropathies and Other Disorders of Musculoskeletal System and Connective Tissue (M80-M99)	182	1.4
Osteoporosis (M80-M81)	25	0.2
Other Osteopathies, Chondropathies and Disorders of Musculoskeletal System and Connective Tissue (M83-M99)	157	1.2
Diseases of the Genitourinary System (N00-N98)	4,019	30.9
Diseases of Urinary System (N00-N39)	3,932	30.3
Glomerular and Renal Tubulo-Interstitial Diseases (N00-N15)	118	0.9
Glomerular Diseases (N00-N07)	43	0.3
Acute and Rapidly Progressive Nephritic Syndrome (N00-N01)	24	0.2
Nephrotic Syndrome (N04)	9	ND
Other and Unspecified Glomerular Diseases (N02-N03,N05-N07)	10	0.1
Renal Tubulo-Interstitial Diseases (N10-N15)	75	0.6
Renal Failure (N17-N19)	2,863	22.0
Urolithiasis (N20-N23)	49	0.4
Other and Unspecified Disorders of Kidney (N25-N27)	1	ND
Urinary Tract Infection, Site Not Specified (N39.0)	536	4.1
Other Diseases of Urinary System (N28-N36,N39.1-N39.9)	365	2.8
Diseases of Male Genital Organs (N40-N50)	50	0.4
Hyperplasia of Prostate (N40)	31	0.2
Other Diseases of Male Genital Organs (N41-N50)	19	0.1
Disorders of Breast (N60-N64)	8	ND
Disorders of Female Genital Organs (N70-N98)	29	0.2
Inflammatory Diseases of Female Pelvic Organs (N70-N76)	6	ND
Noninflammatory Disorders of Female Genital Tract (N80-N98)	23	0.2

\* Rate per 100,000 population.

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

Table C-14  
**Resident Deaths by Cause, Number and Rate: Pennsylvania, 2020 (Continued)**

Cause of Death (Based on the Tenth Revision, International Classification of Diseases)	Number of Deaths	Rate*
Pregnancy, Childbirth and the Puerperium (O00-O99)	24	0.2
Pregnancy with Abortive Outcome (O00-O07)	0	ND
Ectopic Pregnancy (O00)	0	ND
Spontaneous Abortion (O03)	0	ND
Medical Abortion (O04)	0	ND
Other Abortion (O05)	0	ND
Other and Unspecified Pregnancy With Abortive Outcome (O01-O02,O06-O07)	0	ND
Other Direct Obstetric Deaths (O10-O92)	8	ND
Eclampsia and Pre-Eclampsia (O11,O13-O16)	0	ND
Hemorrhage of Pregnancy and Childbirth and Placenta Previa (O20,O44-O46,O67,O72)	1	ND
Complications Predominantly Related to the Puerperium (O85-O92)	1	ND
Obstetric Embolism (O88)	1	ND
Other Complications Predominately Related to the Puerperium (O85-O87,O89-O92)	0	ND
All Other Direct Obstetric Causes (O10,O12,O21-O43,O47-O66, O68-O71,O73-O75)	6	ND
Obstetric Death of Unspecified Cause (O95)	2	ND
Other Deaths Related to Pregnancy, Childbirth and the Puerperium (O96-O97)	8	ND
Indirect Obstetric Deaths (O98-O99)	6	ND
Certain Conditions Originating in the Perinatal Period (P00-P96)	382	2.9
Newborn Affected by Maternal Factors and by Complications of Pregnancy, Labor and Delivery (P00-P04)	115	0.9
Disorders Related to Short Gestation and Low Birth Weight, Not Elsewhere Classified (P07)	130	1.0
Birth Trauma (P10-P15)	0	ND
Intrauterine Hypoxia and Birth Asphyxia (P20-P21)	10	0.1
Respiratory Distress of Newborn (P22)	6	ND
Other Respiratory Conditions Originating in the Perinatal Period (P23-P28)	27	0.2
Infections Specific to the Perinatal Period (P35-P39)	26	0.2
Other and Unspecified Conditions Originating in the Perinatal Period (P05,P08,P29,P50-P96)	68	0.5
Congenital Malformations, Deformations and Chromosomal Abnormalities (Q00-Q99)	360	2.8
Anencephaly and Similar Malformations (Q00)	7	ND
Spina Bifida (Q05)	7	ND
All Other Congenital Malformations of Nervous System (Q01-Q04,Q06-Q07)	33	0.3
Congenital Malformations of Heart (Q20-Q24)	85	0.7
Other Congenital Malformations of Circulatory System (Q25-Q28)	26	0.2
Congenital Malformations of Respiratory System (Q30-Q34)	11	0.1
Other Congenital Malformations and Deformations (Q10-Q18,Q35-Q89)	87	0.7
Down Syndrome (Q90)	77	0.6
All Other Chromosomal Abnormalities, Not Elsewhere Classified (Q91-Q99)	27	0.2
Symptoms, Signs and Abnormal Clinical and Laboratory Findings, Not Elsewhere Classified (R00-R99)	2,830	21.8
Senility (R54)	149	1.1

\* Rate per 100,000 population.

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

Table C-14  
**Resident Deaths by Cause, Number and Rate: Pennsylvania, 2020 (Continued)**

Cause of Death (Based on the Tenth Revision, International Classification of Diseases)	Number of Deaths	Rate*
III-Defined and Unknown Causes of Mortality (R95-R99)	1,125	8.7
Sudden Infant Death Syndrome (R95)	45	0.3
Other III-Defined and Unknown Causes of Mortality (R96-R99)	1,080	8.3
All Other Symptoms, Signs and Abnormal Clinical and Laboratory Findings, Not Elsewhere Classified (R00-R53,R55-R94)	1,556	12.0
External Causes of Mortality (U01-U03,V01-Y89)	12,602	97.0
Accidents (V01-X59,Y85-Y86)	9,494	73.1
Transport Accidents (V01-V99,Y85)	1,301	10.0
Railway Accidents (V05,V15,V80.6,V81.2-V81.9)	14	0.1
Motor Vehicle Accidents (V02-V04,V09.0,V09.2,V12-V14,V19.0-V19.2, V19.4-V19.6,V20-V79,V80.3-V80.5,V81.0-V81.1,V82.0-V82.1,V83-V86, V87.0-V87.8,V88.0-V88.8,V89.0,V89.2)	1,225	9.4
Pedestrian Involved in Collision With Motor Vehicle (V02-V04)	46	0.4
Pedalcyclist Involved in Collision With Motor Vehicle (V12-V14, V19.0-V19.2,V19.4-V19.6)	16	0.1
Motorcyclist Involved in Any Accident Except Collision With Railway Train (V20-V24,V26-V34,V36-V39)	187	1.4
Motor Vehicle Accident Involving Collision With Railway Train (V25, V35, V45,V55,V65,V75,V81.0-V81.1,V87.6,V88.6)	2	ND
Motorcyclist Involved in Collision With Railway Train (V25,V35)	0	ND
Other Motor Vehicle Accident Involving Collision With Railway Train (V45,V55,V65,V75,V81.0-V81.1,V87.6,V88.6)	2	ND
Occupant of Motor Vehicle Involved in Collision With Other (Non-Motorized) Road Vehicle, Streetcar, Animal or Pedestrian (V40-V41,V46-V47, V50-V51,V56-V57,V60-V61,V66-V67,V70-V71,V76-V77)	27	0.2
Occupant of Car, Pickup Truck or Van Involved in Collision With Other Motor Vehicle (V42-V44,V49,V52-V54,V59)	51	0.4
Occupant of Heavy Transport Vehicle or Bus Involved in Collision With Other Motor Vehicle (V62-V64,V69,V72-V74,V79)	3	ND
Occupant of Motor Vehicle Involved in Noncollision Accident (V48, V58,V68,V78)	16	0.1
Occupant of Special-Use Motor Vehicle Involved in Any Accident (V83-V86)	78	0.6
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)	799	6.2
Streetcar Accidents (V82.2-V82.9)	0	ND
Other and Unspecified Land Transport Accidents (V01,V06,V09.1,V09.3, V09.9,V10-V11,V16-V18,V19.3,V19.8-V19.9,V80.0-V80.2,V80.7-V80.9, V87.9,V88.9,V89.1,V89.3,V89.9)	23	0.2
Water Transport Accidents (V90-V94)	6	ND
Air and Space Transport Accidents (V95-V97)	5	ND
Other and Unspecified Transport Accidents and Their Sequelae (V98-V99,Y85)	28	0.2
Falls (W00-W19)	2,136	16.4
Fall on Same Level (W00-W09,W18)	937	7.2
Fall From One Level to Another (W10-W17)	308	2.4
Unspecified Fall (W19)	891	6.9
Accidental Discharge of Firearms (W32-W34)	14	0.1
Accidental Explosion (W39-W40)	6	ND
Accidental Drowning and Submersion (W65-W74)	93	0.7
Accidental Inhalation and Ingestion of Food or Other Objects Causing Obstruction of Respiratory Tract (W78-W80)	326	2.5
Other Accidental and Unspecified Threats to Breathing (W75-W77, W81-W84)	54	0.4
Accidental Exposure to Electric Current (W85-W87)	5	ND
Accidental Exposure to Radiation (W88-W91)	0	ND
Accidental Exposure to Smoke, Fire and Flames (X00-X09)	144	1.1

\* Rate per 100,000 population.

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

Table C-14  
**Resident Deaths by Cause, Number and Rate: Pennsylvania, 2020 (Continued)**

<i>Cause of Death (Based on the Tenth Revision, International Classification of Diseases)</i>	Number of Deaths	Rate*
Accidental Contact With Heat and Hot Substances (X10-X19)	4	ND
Lightning (X33)	2	ND
Earthquake, Volcanic Eruption, Avalanche, Landslide and Other Earth Movements (X34-X36)	0	ND
Cataclysmic Storm and Flood (X37-X38)	3	ND
Accidental Poisoning and Exposure to Noxious Substances (X40-X49)	4,908	37.8
Accidental Poisoning by and Exposure to Drugs and Other Biological Substances (X40-X44)	4,803	37.0
Accidental Poisoning by and Exposure to Other and Unspecified Solid or Liquid Substances (X45-X46,X48-X49)	77	0.6
Accidental Poisoning by and Exposure to Other Gases/Vapors (X47)	28	0.2
All Other and Unspecified Accidents and Their Sequelae (W20-W31, W35-W38,W41-W64,W92-W99,X20-X32,X39,X50-X59,Y86)	498	3.8
Intentional Self-Harm (Suicide) (U03,X60-X84,Y87.0)	1,686	13.0
Intentional Self-Poisoning (Suicide) by and Exposure to Drugs and Other Biological Substances (X60-X64)	170	1.3
Intentional Self-Poisoning (Suicide) by and Exposure to Other and Unspecified Solid or Liquid Substances and Their Vapors (X65-X66,X68-X69)	9	ND
Intentional Self-Poisoning (Suicide) by Exposure to Other Gases/Vapors (X67)	28	0.2
Intentional Self-Harm (Suicide) by Hanging, Strangulation and Suffocation (X70)	444	3.4
Intentional Self-Harm (Suicide) by Discharge of Firearms (X72-X74)	916	7.1
Intentional Self-Harm (Suicide) by Jumping From a High Place (X80)	29	0.2
Intentional Self-Harm (Suicide) by All Other and Unspecified Means and Their Sequelae (U03,X71,X75-X79,X81-X84,Y87.0)	90	0.7
Assault (Homicide) (U01-U02,X85-Y09,Y87.1)	988	7.6
Assault (Homicide) by Drugs, Biological Substances and Other and Unspecified Noxious Substances (U01.6-U01.7,X85-X90)	65	0.5
Assault (Homicide) by Hanging, Strangulation and Suffocation (X91)	11	0.1
Assault (Homicide) by Discharge of Firearms (U01.4,X93-X95)	782	6.0
Assault (Homicide) by Sharp Object (X99)	58	0.4
Assault (Homicide) by Blunt Object (Y00)	2	ND
Assault (Homicide) by Bodily Force (Y04)	1	ND
Sexual Assault (Homicide) by Bodily Force (Y05)	0	ND
Neglect, Abandonment and Other Maltreatment Syndromes (Y06-Y07)	6	ND
Assault (Homicide) by All Other and Unspecified Means and Their Sequelae (U01.0-U01.3,U01.5,U01.8-U01.9,U02,X92,X96-X98,Y01-Y03,Y08-Y09,Y87.1)	63	0.5
Event of Undetermined Intent (Y10-Y34,Y87.2,Y89.9)	149	1.1
Poisoning by and Exposure to Drugs and Biological Substances, Undetermined Intent (Y10-Y14)	69	0.5
Poisoning by and Exposure to Other and Unspecified Solid or Liquid Substance, Undetermined Intent (Y15-Y16,Y18-Y19)	2	ND
Poisoning by and Exposure to Other Gases/Vapors, Undetermined Intent (Y17)	1	ND
Discharge of Firearms, Undetermined Intent (Y22-Y24)	13	0.1
Falling, Jumping or Pushed From a High Place, Undetermined Intent (Y30)	3	ND
All Other and Unspecified Events of Undetermined Intent and Their Sequelae (Y20-Y21,Y25-Y29,Y31-Y34,Y87.2,Y89.9)	61	0.5
Legal Intervention (Y35,Y89.0)	20	0.2
Legal Execution (Y35.5)	0	ND
Other Legal Intervention and Their Sequelae (Y35.0-Y35.4,Y35.6-Y35.7,Y89.0)	20	0.2
Operations of War and Their Sequelae (Y36,Y89.1)	1	ND
Complications of Medical and Surgical Care (Y40-Y84,Y88)	264	2.0
Drugs, Medicaments and Biological Substances Causing Adverse Effects in Therapeutic Use, and Their Sequelae (Y40-Y59,Y88.0)	31	0.2
Misadventures to Patients During Medical and Surgical Care and Their Sequelae (Y60-Y69,Y88.1)	2	ND
Other Complications of Medical and Surgical Care and Their Sequelae (Y70-Y84,Y88.2-Y88.3)	231	1.8

\* Rate per 100,000 population.

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



Table C-15  
**Resident Infant Deaths by Cause and Age at Death**  
**Number and Rate: Pennsylvania, 2020**

Cause of Death (Based on the Tenth Revision, International Classification of Diseases)	Infant Deaths					
	Total*		Neonatal			Post Neonatal
	Number	Rate**	Under 1 Day	1-6 Days	7-27 Days	28-364 Days
All Causes	726	5.6	310	95	89	232
Certain Infectious and Parasitic Diseases (A00-B99)	16	0.1	0	0	0	16
Certain Intestinal Infectious Diseases (A00-A08)	0	ND	0	0	0	0
Diarrhea and Gastroenteritis of Infectious Origin (A09)	4	ND	0	0	0	4
Tuberculosis (A16-A19)	0	ND	0	0	0	0
Tetanus (A33,A35)	0	ND	0	0	0	0
Diphtheria (A36)	0	ND	0	0	0	0
Whooping Cough (A37)	0	ND	0	0	0	0
Meningococcal Infection (A39)	0	ND	0	0	0	0
Septicemia (A40-A41)	4	ND	0	0	0	4
Congenital Syphilis (A50)	0	ND	0	0	0	0
Gonococcal Infection (A54)	0	ND	0	0	0	0
Viral Diseases (A80-B34)	6	ND	0	0	0	6
Acute Poliomyelitis (A80)	0	ND	0	0	0	0
Varicella (Chickenpox) (B01)	0	ND	0	0	0	0
Measles (B05)	0	ND	0	0	0	0
Human Immunodeficiency Virus (HIV) Disease (B20-B24)	0	ND	0	0	0	0
Mumps (B26)	0	ND	0	0	0	0
Other and Unspecified Viral Diseases (A81-B00,B02-B04, B06-B19,B25,B27-B34)	6	ND	0	0	0	6
Candidiasis (B37)	1	ND	0	0	0	1
Malaria (B50-B54)	0	ND	0	0	0	0
Pneumocystosis (B59)	0	ND	0	0	0	0
All Other and Unspecified Infectious and Parasitic Diseases (A20-A32,A38,A42-A49,A51-A53,A55-A79,B35-B36, B38-B49,B55-B58,B60-B99)	0	ND	0	0	0	0
Neoplasms (C00-D48)	5	ND	0	0	1	4
Malignant Neoplasms (C00-C97)	4	ND	0	0	0	4
Hodgkin's Disease and Non-Hodgkin Lymphomas (C81-C85)	0	ND	0	0	0	0
Leukemia (C91-C95)	1	ND	0	0	0	1
Other and Unspecified Malignant Neoplasms (C00-C80,C88,C90,C96-C97)	3	ND	0	0	0	3
In Situ Neoplasms, Benign Neoplasms and Neoplasms of Uncertain or Unknown Behavior (D00-D48)	1	ND	0	0	1	0
Diseases of the Blood and Blood-Forming Organs and Certain Disorders Involving the Immune Mechanism (D50-D89)	7	ND	1	0	2	4
Anemias (D50-D64)	2	ND	1	0	0	1
Hemorrhagic Conditions and Other Diseases of Blood and Blood-Forming Organs (D65-D76)	3	ND	0	0	1	2
Certain Disorders Involving the Immune Mechanism (D80-D89)	2	ND	0	0	1	1
Endocrine, Nutritional and Metabolic Diseases (E00-E88)	4	ND	0	3	1	0
Short Stature, Not Elsewhere Classified (E34.3)	0	ND	0	0	0	0
Nutritional Deficiencies (E40-E64)	0	ND	0	0	0	0
Cystic Fibrosis (E84)	0	ND	0	0	0	0

\* Includes any unknown ages.

\*\* Rate per 1,000 live births.

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

Table C-15  
**Resident Infant Deaths by Cause and Age at Death  
Number and Rate: Pennsylvania, 2020 (Continued)**

Cause of Death (Based on the Tenth Revision, International Classification of Diseases)	Infant Deaths					
	Total*		Neonatal			Post Neonatal
	Number	Rate**	Under 1 Day	1-6 Days	7-27 Days	28-364 Days
Volume Depletion, Disorders of Fluid, Electrolyte and Acid-Base Balance (E86-E87)	2	ND	0	2	0	0
All Other Endocrine, Nutritional and Metabolic Diseases (E00-E32, E34.0-E34.2, E34.4-E34.9, E65-E83, E85, E88)	2	ND	0	1	1	0
Diseases of the Nervous System (G00-G98)	11	0.1	2	4	1	4
Meningitis (G00, G03)	2	ND	0	0	1	1
Infantile Spinal Muscular Atrophy, Type I (G12.0)	0	ND	0	0	0	0
Infantile Cerebral Palsy (G80)	0	ND	0	0	0	0
Anoxic Brain Damage, Not Elsewhere Classified (G93.1)	1	ND	0	0	0	1
Other Diseases of Nervous System (G04, G06-G11, G12.1-G12.9, G20-G72, G81-G92, G93.0, G93.2-G93.9, G95-G98)	8	ND	2	4	0	2
Diseases of the Ear and Mastoid Process (H60-H93)	0	ND	0	0	0	0
Diseases of the Circulatory System (I00-I99)	14	0.1	1	1	2	10
Pulmonary Heart Disease and Diseases of Pulmonary Circulation (I26-I28)	3	ND	0	0	0	3
Pericarditis, Endocarditis and Myocarditis (I30, I33, I40)	0	ND	0	0	0	0
Cardiomyopathy (I42)	2	ND	0	0	0	2
Cardiac Arrest (I46)	2	ND	1	0	0	1
Cerebrovascular Diseases (I60-I69)	4	ND	0	1	1	2
All Other Diseases of Circulatory System (I00-I25, I31, I34-I38, I44-I45, I47-I51, I70-I99)	3	ND	0	0	1	2
Diseases of the Respiratory System (J00-J98)	13	0.1	1	0	0	12
Acute Upper Respiratory Infections (J00-J06)	0	ND	0	0	0	0
Influenza and Pneumonia (J10-J18)	5	ND	0	0	0	5
Influenza (J10-J11)	0	ND	0	0	0	0
Pneumonia (J12-J18)	5	ND	0	0	0	5
Acute Bronchitis and Acute Bronchiolitis (J20-J21)	1	ND	0	0	0	1
Bronchitis, Chronic and Unspecified (J40-J42)	0	ND	0	0	0	0
Asthma (J45-J46)	0	ND	0	0	0	0
Pneumonitis Due to Solids and Liquids (J69)	1	ND	0	0	0	1
Other and Unspecified Diseases of Respiratory System (J22, J30-J39, J43-J44, J47-J68, J70-J98)	6	ND	1	0	0	5
Diseases of the Digestive System (K00-K92)	7	ND	0	1	2	4
Gastritis, Duodenitis, and Noninfective Enteritis and Colitis (K29, K50-K55)	1	ND	0	0	0	1
Hernia of Abdominal Cavity and Intestinal Obstruction Without Hernia (K40-K46, K56)	1	ND	0	0	0	1
All Other and Unspecified Diseases of Digestive System (K00-K28, K30-K38, K57-K92)	5	ND	0	1	2	2
Diseases of the Genitourinary System (N00-N95)	1	ND	0	0	1	0
Renal Failure and Other Disorders of Kidney (N17-N19, N25, N27)	0	ND	0	0	0	0
Other and Unspecified Diseases of Genitourinary System (N00-N15, N20-N23, N26, N28-N95)	1	ND	0	0	1	0

\* Includes any unknown ages.

\*\* Rate per 1,000 live births.

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

Table C-15  
**Resident Infant Deaths by Cause and Age at Death  
Number and Rate: Pennsylvania, 2020 (Continued)**

Cause of Death (Based on the Tenth Revision, International Classification of Diseases)	Infant Deaths					
	Total*		Neonatal			Post Neonatal
	Number	Rate**	Under 1 Day	1-6 Days	7-27 Days	28-364 Days
Certain Conditions Originating in the Perinatal Period (P00-P96)	380	2.9	253	62	53	12
Newborn Affected by Maternal Factors and by Complications of Pregnancy, Labor and Delivery (P00-P04)	115	0.9	107	6	2	0
Newborn Affected by Maternal Hypertensive Disorders (P00.0)	1	ND	1	0	0	0
Newborn Affected by Other Maternal Conditions Which May be Unrelated to Present Pregnancy (P00.1-P00.9)	2	ND	2	0	0	0
Newborn Affected by Maternal Complications of Pregnancy (P01)	68	0.5	68	0	0	0
Newborn Affected by Incompetent Cervix (P01.0)	15	0.1	15	0	0	0
Newborn Affected by Premature Rupture of Membranes (P01.1)	42	0.3	42	0	0	0
Newborn Affected by Multiple Pregnancy (P01.5)	4	ND	4	0	0	0
Newborn Affected by Other Maternal Complications of Pregnancy (P01.2-P01.4,P01.6-P01.9)	7	ND	7	0	0	0
Newborn Affected by Complications of Placenta, Cord and Membranes (P02)	36	0.3	30	5	1	0
Newborn Affected by Complications Involving Placenta (P02.0-P02.3)	25	0.2	21	3	1	0
Newborn Affected by Complications Involving Cord (P02.4-P02.6)	2	ND	0	2	0	0
Newborn Affected by Chorioamnionitis (P02.7)	9	ND	9	0	0	0
Newborn Affected by Other and Unspecified Abnormalities of Membranes (P02.8-P02.9)	0	ND	0	0	0	0
Newborn Affected by Other Complications of Labor and Delivery (P03)	7	ND	6	0	1	0
Newborn Affected by Noxious Influences Transmitted Via Placenta or Breast Milk (P04)	1	ND	0	1	0	0
Disorders Related to Length of Gestation and Fetal Malnutrition (P05-P08)	133	1.0	111	14	7	1
Slow Fetal Growth and Fetal Malnutrition (P05)	3	ND	0	2	1	0
Disorders Related to Short Gestation and Low Birth Weight, Not Elsewhere Classified (P07)	130	1.0	111	12	6	1
Extremely Low Birth Weight or Extreme Immaturity (P07.0,P07.2)	85	0.7	72	8	5	0
Other Low Birth Weight or Preterm (P07.1,P07.3)	45	0.3	39	4	1	1
Disorders Related to Long Gestation and High Birth Weight (P08)	0	ND	0	0	0	0
Birth Trauma (P10-P15)	0	ND	0	0	0	0
Intrauterine Hypoxia and Birth Asphyxia (P20-P21)	10	0.1	3	3	3	1
Intrauterine Hypoxia (P20)	6	ND	3	1	2	0
Birth Asphyxia (P21)	4	ND	0	2	1	1
Respiratory Distress of Newborn (P22)	6	ND	1	3	2	0
Other Respiratory Conditions Originating In the Perinatal Period (P23-P28)	26	0.2	9	7	5	5
Congenital Pneumonia (P23)	3	ND	1	0	2	0
Neonatal Aspiration Syndromes (P24)	0	ND	0	0	0	0
Interstitial Emphysema and Related Conditions Originating In the Perinatal Period (P25)	3	ND	0	3	0	0
Pulmonary Hemorrhage Originating In the Perinatal Period (P26)	5	ND	1	3	1	0
Chronic Respiratory Disease Originating In the Perinatal Period (P27)	5	ND	0	0	0	5
Atelectasis (P28.0-P28.1)	9	ND	7	1	1	0
All Other Respiratory Conditions Originating In the Perinatal Period (P28.2-P28.9)	1	ND	0	0	1	0

\* Includes any unknown ages.

\*\* Rate per 1,000 live births.

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

Table C-15  
**Resident Infant Deaths by Cause and Age at Death**  
**Number and Rate: Pennsylvania, 2020 (Continued)**

Cause of Death (Based on the Tenth Revision, International Classification of Diseases)	Infant Deaths					
	Total*		Neonatal			Post
	Number	Rate**	Under 1 Day	1-6 Days	7-27 Days	Neonatal 28-364 Days
Infections Specific to the Perinatal Period (P35-P39)	26	0.2	3	7	14	2
Bacterial Sepsis of Newborn (P36)	16	0.1	2	6	7	1
Omphalitis of Newborn With or Without Mild Hemorrhage (P38)	0	ND	0	0	0	0
All Other Infections Specific to the Perinatal Period (P35,P37,P39)	10	0.1	1	1	7	1
Hemorrhagic and Hematological Disorders of Newborn (P50-P61)	6	ND	3	3	0	0
Neonatal Hemorrhage (P50-P52,P54)	3	ND	1	2	0	0
Hemorrhagic Disease of Newborn (P53)	0	ND	0	0	0	0
Hemolytic Disease of Newborn Due to Isoimmunization and Other Perinatal Jaundice (P55-P59)	1	ND	1	0	0	0
Hematological Disorders (P60-P61)	2	ND	1	1	0	0
Syndrome of Infant of a Diabetic Mother and Neonatal Diabetes Mellitus (P70.0-P70.2)	0	ND	0	0	0	0
Necrotizing Enterocolitis of Newborn (P77)	12	0.1	0	2	8	2
Hydrops Fetalis Not Due to Hemolytic Disease (P83.2)	6	ND	1	4	1	0
Other Perinatal Conditions (P29,P70.3-P70.9,P71-P76,P78-P81, P83.0-P83.1,P83.3-P83.9,P90-P96)	40	0.3	15	13	11	1
Congenital Malformations, Deformations and Chromosomal Abnormalities (Q00-Q99)	122	0.9	49	17	13	43
Anencephaly and Similar Malformations (Q00)	7	ND	7	0	0	0
Congenital Hydrocephalus (Q03)	1	ND	0	0	0	1
Spinal Bifida (Q05)	0	ND	0	0	0	0
Other Congenital Malformations of Nervous System (Q01- Q02,Q04,Q06-Q07)	10	0.1	0	2	1	7
Congenital Malformations of Heart (Q20-Q24)	23	0.2	5	0	4	14
Other Congenital Malformations of Circulatory System (Q25-Q28)	8	ND	0	2	1	5
Congenital Malformations of Respiratory System (Q30-Q34)	9	ND	3	4	1	1
Congenital Malformations of Digestive System (Q35-Q45)	1	ND	1	0	0	0
Congenital Malformations of Genitourinary System (Q50-Q64)	12	0.1	8	3	1	0
Congenital Malformations and Deformations of Musculoskeletal System, Limbs and Integument (Q65-Q85)	19	0.1	11	3	0	5
Down Syndrome (Q90)	3	ND	0	0	2	1
Edward's Syndrome (Q91.0-Q91.3)	13	0.1	5	3	2	3
Patau's Syndrome (Q91.4-Q91.7)	2	ND	1	0	0	1
Other Congenital Malformations and Deformations (Q10-Q18,Q86- Q89)	8	ND	8	0	0	0
Other Chromosomal Abnormalities, Not Elsewhere Classified (Q92- Q99)	6	ND	0	0	1	5
Symptoms, Signs and Abnormal Clinical and Laboratory Findings, Not Elsewhere Classified (R00-R99)	89	0.7	3	2	9	75
Sudden Infant Death Syndrome (R95)	45	0.3	0	2	5	38
Other Symptoms, Signs and Abnormal Clinical and Laboratory Findings, Not Elsewhere Classified (R00-R53,R55-R94, R96-R99)	44	0.3	3	0	4	37
All Other Diseases (Residual) (F01-F99,H00-H57,L00-M99)	3	ND	0	2	0	1

\* Includes any unknown ages.

\*\* Rate per 1,000 live births.

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

Table C-15  
**Resident Infant Deaths by Cause and Age at Death  
Number and Rate: Pennsylvania, 2020 (Continued)**

Cause of Death (Based on the Tenth Revision, International Classification of Diseases)	Infant Deaths					
	Total*		Neonatal			Post Neonatal
	Number	Rate**	Under 1 Day	1-6 Days	7-27 Days	28-364 Days
External Causes of Mortality (U01,V01-Y84)	54	0.4	0	3	4	47
Accidents (V01-X59)	29	0.2	0	3	4	22
Transport Accidents (V01-V99)	1	ND	0	0	0	1
Motor Vehicle Accidents (V02-V04,V09.0,V09.2,V12-V14, V19.0-V19.2,V19.4-V19.6,V20-V79,V80.3-V80.5, V81.0- V81.1,V82.0-V82.1,V83-V86,V87.0-V87.8, V88.0- V88.8,V89.0,V89.2)	0	ND	0	0	0	0
Other and Unspecified Transport Accidents (V01,V05-V06, V09.1,V09.3-V09.9,V10-V11,V15-V18, V19.3, V19.8- V19.9,V80.0-V80.2,V80.6-V80.9,V81.2-V81.9, V82.2- V82.9,V87.9,V88.9,V89.1,V89.3,V89.9,V90-V99)	1	ND	0	0	0	1
Falls (W00-W19)	0	ND	0	0	0	0
Accidental Discharge of Firearms (W32-W34)	0	ND	0	0	0	0
Accidental Drowning and Submersion (W65-W74)	0	ND	0	0	0	0
Accidental Suffocation and Strangulation In Bed (W75)	19	0.1	0	2	2	15
Other Accidental Suffocation and Strangulation (W76-W77, W81- W84)	5	ND	0	1	1	3
Accidental Inhalation and Ingestion of Food or Other Objects Causing Obstruction of Respiratory Tract (W78-W80)	3	ND	0	0	1	2
Accidents Caused by Exposure to Smoke, Fire and Flames (X00- X09)	0	ND	0	0	0	0
Accidental Poisoning and Exposure to Noxious Substances (X40- X49)	1	ND	0	0	0	1
Other and Unspecified Accidents (W20-W31,W35-W64, W85- W99,X10-X39,X50-X59)	0	ND	0	0	0	0
Assault (Homicide) (U01,X85-Y09)	14	0.1	0	0	0	14
Assault (Homicide) by Hanging, Strangulation and Suffocation (X91)	2	ND	0	0	0	2
Assault (Homicide) by Discharge of Firearms (U01.4,X93-X95)	0	ND	0	0	0	0
Neglect, Abandonment and Other Maltreatment Syndromes (Y06- Y07)	1	ND	0	0	0	1
Assault (Homicide) by Other and Unspecified Means (U01.0- U01.3,U01.5-U01.9,X85-X90,X92,X96-Y05,Y08-Y09)	11	0.1	0	0	0	11
Complications of Medical and Surgical Care (Y40-Y84)	0	ND	0	0	0	0
Other External Causes (X60-X84,Y10-Y36)	11	0.1	0	0	0	11

\* Includes any unknown ages.

\*\* Rate per 1,000 live births.

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

Table C-16A  
**Deaths Due to Diseases of Heart**  
**Number of Deaths, Age-Adjusted Death Rates and 95% Confidence Intervals**  
**Pennsylvania and United States, 1970, 1975, 1980, 1985, 1990-2020**

Year	Pennsylvania			United States		
	Number	Rate	CI (95%)	Number	Rate	CI (95%)
2020	32,880	181.8	179.8-183.8	NA	NA	NA
2019	32,250	172.7	170.8-174.6	659,041	161.5	161.1-161.9
2018	32,713	175.8	173.9-177.7	655,381	163.6	163.2-164.0
2017	32,237	175.7	173.8-177.6	647,457	165.0	164.6-165.4
2016	31,899	175.8	173.9-177.7	635,260	165.5	165.1-165.9
2015	31,875	176.8	174.9-178.7	633,842	168.5	168.1-168.9
2014	31,179	174.7	172.8-176.6	614,348	167.0	166.6-167.4
2013	31,537	178.4	176.4-180.4	611,105	169.8	169.4-170.2
2012	30,522	175.2	173.2-177.2	599,711	170.5	170.1-170.9
2011	31,643	184.1	182.1-186.1	596,339	173.7	173.3-174.1
2010	31,274	185.3	183.3-187.4	597,689	179.1	178.6-179.6
2009	32,056	190.8	188.7-192.9	599,413	180.1	179.6-180.6
2008	33,179	207.3	205.0-209.5	616,828	186.5	186.0-187.0
2007	32,517	214.9	212.6-217.2	616,067	190.9	190.4-191.4
2006	33,414	225.6	223.2-228.0	631,636	200.2	199.7-200.7
2005	35,896	229.0	226.6-231.4	652,091	211.1	210.6-211.6
2004	36,063	234.1	231.7-236.5	652,486	217.0	216.5-217.5
2003	37,805	250.1	247.6-252.6	685,089	232.3	231.8-232.9
2002	38,291	257.9	255.3-260.5	696,947	240.8	240.2-241.4
2001	39,408	255.3	252.8-257.8	700,142	247.8	247.2-248.4
2000	40,446	270.2	267.6-272.8	710,760	257.6	257.0-258.2
1999	41,420	268.1	265.5-270.7	725,192	267.8	267.2-268.4
1998	41,282	272.2	269.6-274.8	724,859	272.4	271.8-273.0
1997	41,941	283.3	280.6-286.0	726,974	280.4	279.8-281.0
1996	43,231	302.6	299.8-305.5	733,361	288.3	287.6-289.0
1995	42,934	304.6	301.7-307.5	737,563	296.3	295.6-297.0
1994	43,657	309.9	307.0-312.8	732,409	299.7	299.0-300.4
1993	43,731	324.1	321.1-327.1	743,460	309.9	309.2-310.6
1992	42,924	313.7	310.7-316.7	717,706	306.1	305.4-306.8
1991	43,091	325.4	322.3-328.5	720,862	313.8	313.1-314.5
1990	43,204	337.5	334.3-340.7	720,058	321.8	321.1-322.5
1985	48,692	386.8	383.4-390.2	771,169	375.0	374.2-375.8
1980	50,677	463.9	459.9-467.9	761,085	412.1	411.2-413.0
1975	49,323	486.3	482.0-490.6	716,215	431.2	430.2-432.2
1970	52,476	565.1	560.3-569.9	735,542	492.7	491.6-493.8

NA = Data not available

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

Rates are per 100,000. Unknowns excluded from calculations for 2002 - 2020.

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

Data for 1999-2020 based on ICD-10, 1980-1998 based on ICD-9, and 1970 and 1975 based on ICD-8 cause of death codes.

Figure C-9

**Diseases of Heart Age-Adjusted Death Rates**  
**Pennsylvania and United States, 1980-2020**

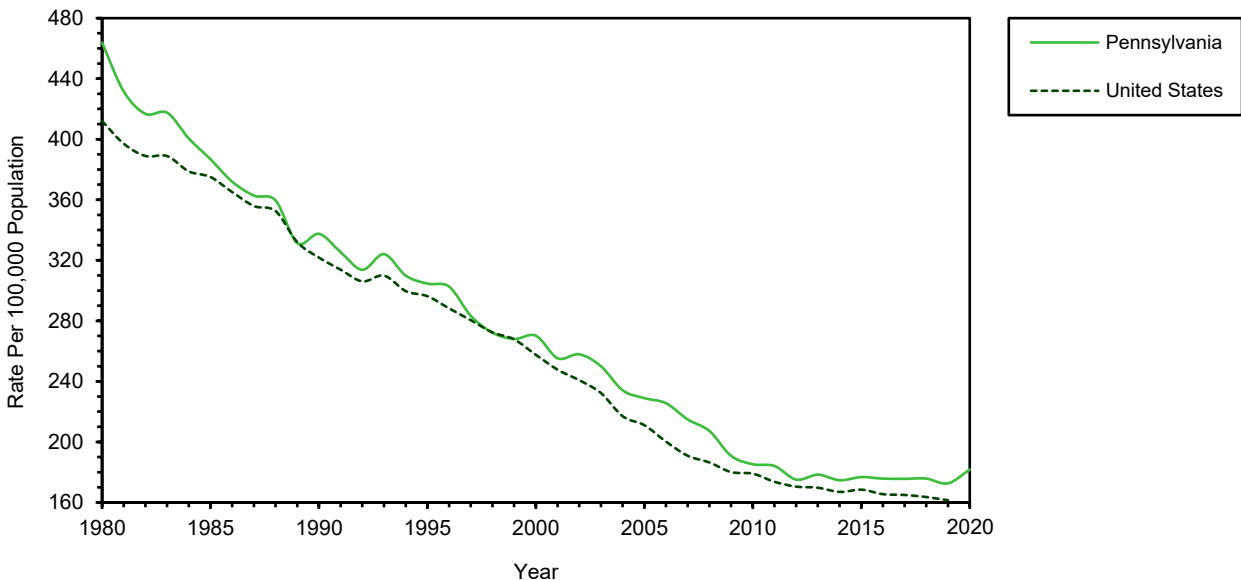


Table C-16B  
**Resident Diseases of Heart Deaths by Type and Sex**  
**Number and Percent: Pennsylvania, 2020**

Type of Diseases of Heart*	Total**	Male		Female	
		Number	Percent	Number	Percent
Total Diseases of Heart	32,880	17,415	100.0	15,465	100.0
Rheumatic Heart Disease	208	72	0.4	136	0.9
Hypertensive Heart Disease	1,876	914	5.2	962	6.2
Hypertensive Heart & Renal Disease	385	193	1.1	192	1.2
Acute Myocardial Infarction	5,088	3,040	17.5	2,048	13.2
Ischemic Excl. Myocardial Infarction	12,394	7,083	40.7	5,311	34.3
Other Heart Disease	12,929	6,113	35.1	6,816	44.1

\* The following 10th revision ICD codes were used in this table:

Rheumatic Heart Disease = *I00-I09*

Hypertensive Heart Disease = *I11*

Hypertensive Heart and Renal Disease = *I13*

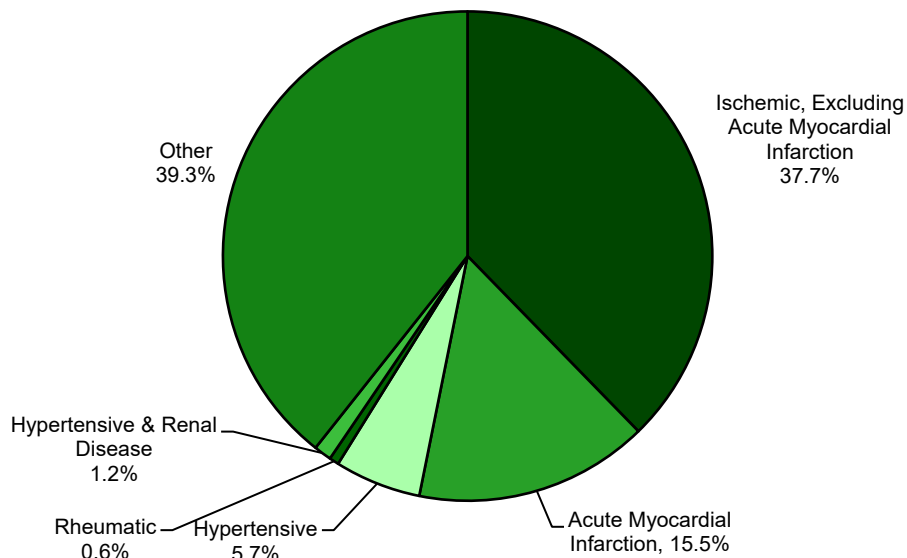
Acute Myocardial Infarction = *I21-I22*

Ischemic Excl. Myocardial Infarction = *I20,I24-I25*

Other Heart Disease = *I26-I51*

\*\*Total includes any unknown sex.

Figure C-10  
**Resident Diseases of Heart Deaths**  
**Percent by Type, Pennsylvania, 2020**



Note: may not sum to 100 due to rounding.

Table C-16C  
**Resident Diseases of Heart Deaths by Type and Race - Males**  
**Number and Percent: Pennsylvania, 2020**

Type of Diseases of Heart*	All Races	White		Black	
		Number	Percent	Number	Percent
Total Diseases of Heart	17,415	15,055	100.0	1,878	100.0
Rheumatic Heart Disease	72	64	0.4	7	ND
Hypertensive Heart Disease	914	642	4.3	222	11.8
Hypertensive Heart & Renal Disease	193	159	1.1	27	1.4
Acute Myocardial Infarction	3,040	2,746	18.2	204	10.9
Ischemic Excl. Myocardial Infarction	7,083	6,026	40.0	876	46.6
Other Heart Disease	6,113	5,418	36.0	542	28.9

\* The following 10th revision ICD codes were used in this table:

Rheumatic Heart Disease = *I00-I09*

Hypertensive Heart Disease = *I11*

Hypertensive Heart and Renal Disease = *I13*

Acute Myocardial Infarction = *I21-I22*

Ischemic Excl. Myocardial Infarction = *I20,I24-I25*

Other Heart Disease = *I26-I51*

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

Starting in 2013, the categorization of race data has changed. Please see Section J of the Technical Notes for further explanation.

Table C-16D  
**Resident Diseases of Heart Deaths by Type and Race - Females**  
**Number and Percent: Pennsylvania, 2020**

Type of Diseases of Heart*	All Races	White		Black	
		Number	Percent	Number	Percent
Total Diseases of Heart	15,465	13,429	100.0	1,706	100.0
Rheumatic Heart Disease	136	119	0.9	15	0.9
Hypertensive Heart Disease	962	728	5.4	201	11.8
Hypertensive Heart & Renal Disease	192	166	1.2	25	1.5
Acute Myocardial Infarction	2,048	1,824	13.6	175	10.3
Ischemic Excl. Myocardial Infarction	5,311	4,498	33.5	694	40.7
Other Heart Disease	6,816	6,094	45.4	596	34.9

\* The following 10th revision ICD codes were used in this table:

Rheumatic Heart Disease = *I00-I09*

Hypertensive Heart Disease = *I11*

Hypertensive Heart and Renal Disease = *I13*

Acute Myocardial Infarction = *I21-I22*

Ischemic Excl. Myocardial Infarction = *I20,I24-I25*

Other Heart Disease = *I26-I51*

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

Starting in 2013, the categorization of race data has changed. Please see Section J of the Technical Notes for further explanation.



Table C-17A  
**Cancer (Malignant Neoplasm) Deaths**  
**Number of Deaths, Age-Adjusted Death Rates and 95% Confidence Intervals**  
**Pennsylvania and United States, 1970, 1975, 1980, 1985, 1990-2020**

Year	Pennsylvania			United States		
	Number	Rate	CI (95%)	Number	Rate	CI (95%)
2020	27,907	155.2	153.4-157.0	NA	NA	NA
2019	27,703	153.2	151.4-155.0	599,601	146.2	145.8-146.6
2018	27,995	156.4	154.6-158.2	599,274	149.1	148.7-149.5
2017	28,320	160.6	158.7-162.5	599,108	152.5	152.1-152.9
2016	28,363	164.0	162.1-165.9	598,038	155.8	155.4-156.2
2015	28,517	166.2	164.3-168.1	595,930	158.5	158.1-158.9
2014	28,558	168.8	166.8-170.8	591,699	161.2	160.8-161.6
2013	28,418	170.1	168.1-172.1	584,881	163.2	162.8-163.6
2012	28,627	173.8	171.8-175.8	582,623	166.5	166.1-166.9
2011	28,637	176.4	174.4-178.4	575,313	168.6	168.2-169.0
2010	28,809	180.1	178.0-182.2	574,743	172.8	172.4-173.2
2009	28,680	184.0	181.9-186.1	567,628	173.2	172.8-173.7
2008	28,699	187.9	185.8-190.1	565,469	175.3	174.8-175.8
2007	28,756	192.2	190.0-194.4	562,875	178.4	177.9-178.9
2006	28,955	195.4	193.2-197.7	559,888	180.7	180.2-181.2
2005	29,355	195.0	192.8-197.2	559,312	183.8	183.3-184.3
2004	29,218	196.0	193.8-198.3	553,888	185.8	185.3-186.3
2003	29,601	199.8	197.5-202.1	556,902	190.1	189.6-190.6
2002	29,460	200.4	198.1-202.7	557,271	193.5	193.0-194.0
2001	29,853	202.9	200.6-205.2	553,768	196.0	195.5-196.5
2000	29,989	205.8	203.5-208.1	553,091	199.6	199.1-200.1
1999	30,136	208.8	206.4-211.2	549,838	202.7	202.2-203.2
1998	29,721	206.9	204.6-209.3	541,532	202.4	201.9-202.9
1997	30,066	211.1	208.7-213.5	539,577	205.7	205.2-206.3
1996	30,269	214.1	211.7-216.5	539,533	208.7	208.1-209.3
1995	30,023	213.8	211.4-216.2	538,455	211.7	211.1-212.3
1994	30,071	215.7	213.3-218.1	534,310	213.1	212.5-213.7
1993	30,103	219.4	216.9-221.9	529,904	214.6	214.0-215.2
1992	30,152	220.6	218.1-223.1	520,578	214.3	213.7-214.9
1991	29,736	221.2	218.7-223.7	514,657	215.8	215.2-216.4
1990	29,677	224.3	221.8-226.9	505,322	216.0	215.4-216.6
1985	27,901	218.8	216.2-221.4	461,563	211.3	210.7-211.9
1980	26,040	219.6	216.9-222.3	416,509	207.9	207.3-208.5
1975	23,547	210.4	207.7-213.1	365,693	200.1	199.5-200.8
1970	22,013	208.0	205.3-210.8	330,730	198.6	197.9-199.3

NA = Data not available

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

Rates are per 100,000. Unknowns excluded from calculations for 2002 - 2020.

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

Data for 1999-2020 based on ICD-10, 1980-1998 based on ICD-9, and 1970 and 1975 based on ICD-8 cause of death codes.

Figure C-11  
**Cancer (Malignant Neoplasm) Age-Adjusted Death Rates**  
**Pennsylvania and United States, 1980-2020**

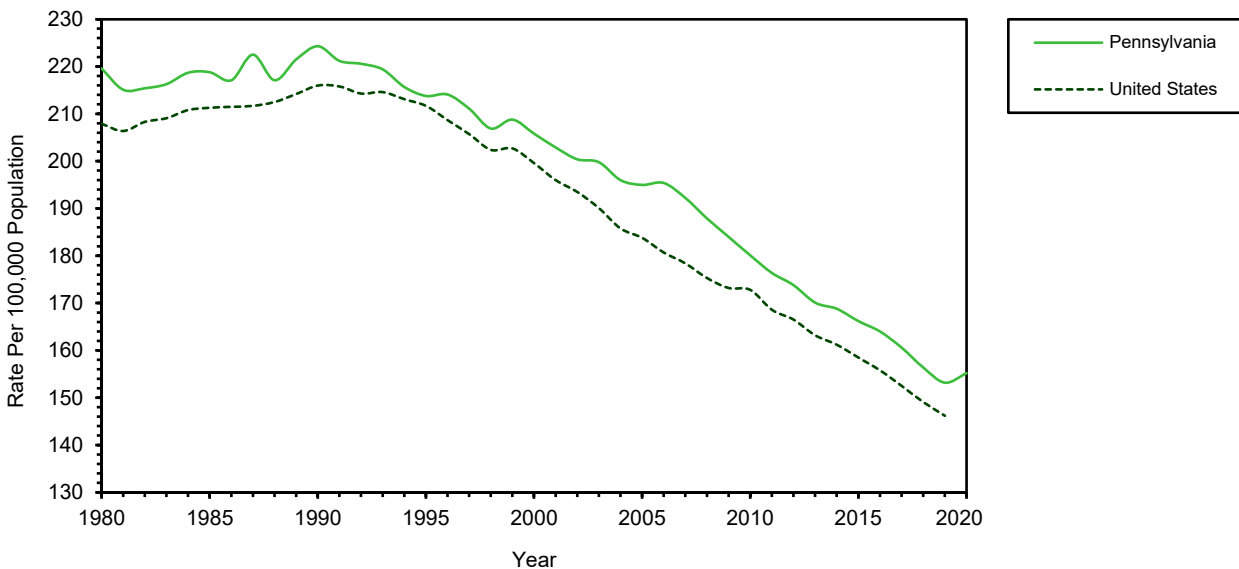


Table C-17B  
**Resident Cancer (Malignant Neoplasm) Deaths by Site and Age - Males**  
**Pennsylvania, 2020**

Cancer (Malignant Neoplasm) Site*	Age at Death (In Years)										
	All Ages**	Under 5	5 - 14	15 - 24	25 - 34	35 - 44	45 - 54	55 - 64	65 - 74	75 - 84	85+
Total Cancers (Malignant Neoplasms)	14,544	7	12	27	74	170	692	2,605	4,427	4,089	2,441
Lung and Bronchus	3,363	0	0	0	2	18	107	665	1,121	1,030	420
Prostate	1,401	0	0	0	0	0	19	116	367	422	477
Colon and Rectum	1,266	0	0	1	6	29	97	257	337	335	204
Pancreas	1,139	0	0	0	4	7	66	254	393	291	124
Esophagus	654	0	0	1	1	8	41	127	255	165	56
Leukemia	608	3	4	7	5	10	28	64	158	183	146
Non-Hodgkin Lymphoma	542	0	0	1	6	10	21	74	130	194	106
All Other Sites	5,571	4	8	17	50	88	313	1,048	1,666	1,469	908

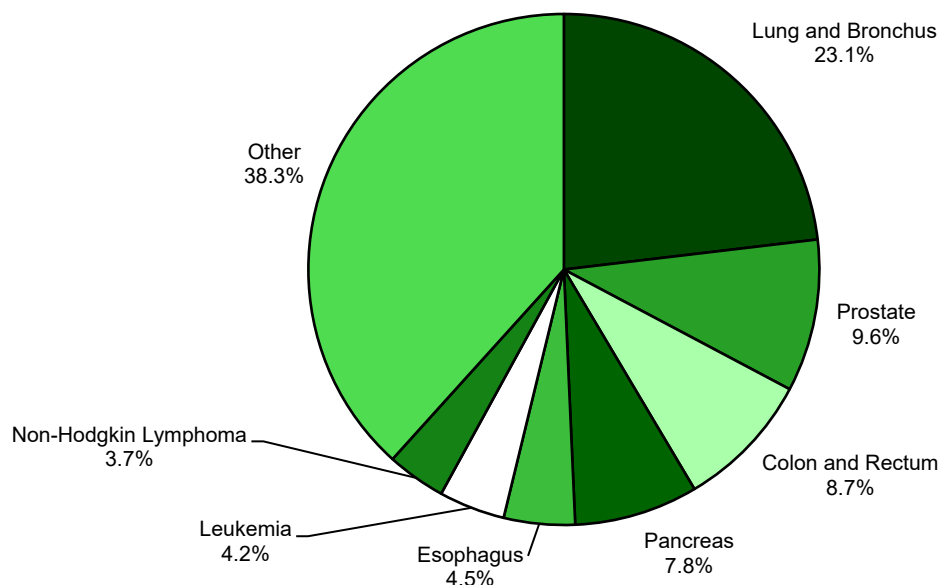
\* The following 10th revision ICD codes were used in this table:

- Lung and Bronchus = C34
- Colon and Rectum = C18-C20, C26.0
- Prostate = C61
- Pancreas = C25
- Leukemia = C90.1, C91-C95
- Esophagus = C15
- Non-Hodgkin Lymphoma = C82-C85

\*\*Includes any unknown ages.

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

Figure C-12  
**Resident Cancer (Malignant Neoplasm) Deaths - Males**  
**Percent by Site, Pennsylvania, 2020**



Note: may not sum to 100 due to rounding.

Table C-17C  
**Resident Cancer (Malignant Neoplasm) Deaths by Site and Age - Females**  
**Pennsylvania, 2020**

Cancer (Malignant Neoplasm) Site*	All Ages**	Age at Death (In Years)									
		Under	5	5 - 14	15 - 24	25 - 34	35 - 44	45 - 54	55 - 64	65 - 74	75 - 84
Total Cancers (Malignant Neoplasms)	13,362	13	18	22	65	222	725	2,205	3,581	3,635	2,876
Lung and Bronchus	2,922	0	0	1	0	12	109	522	969	845	464
Breast	1,904	0	0	0	13	61	177	355	457	421	420
Colon and Rectum	1,074	0	0	0	7	20	65	144	229	275	334
Pancreas	1,054	0	0	0	2	7	38	165	293	336	213
Ovary	659	0	0	0	4	15	49	133	192	181	85
Leukemia	499	5	4	4	4	13	13	46	89	163	158
Non-Hodgkin Lymphoma	443	0	0	0	2	6	11	43	100	135	146
All Other Sites	4,807	8	14	17	33	88	263	797	1,252	1,279	1,056

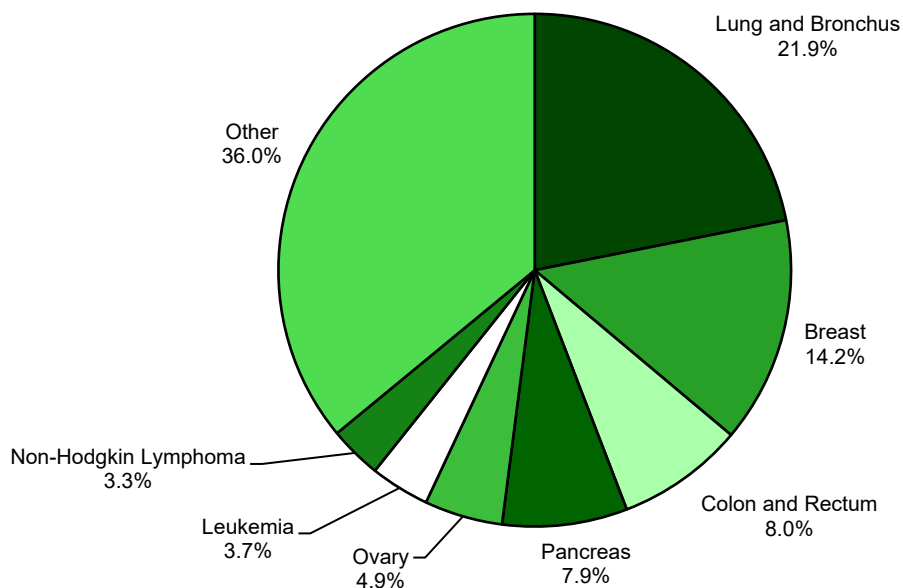
\* The following 10th revision ICD codes were used in this table:

- Lung and Bronchus = C34
- Breast = C50
- Colon and Rectum = C18-C20, C26.0
- Pancreas = C25
- Ovary = C56
- Non-Hodgkin Lymphoma = C82-C85
- Leukemia = C90.1, C91-C95

\*\*Includes any unknown ages.

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

Figure C-13  
**Resident Cancer (Malignant Neoplasm) Deaths - Females**  
**Percent by Site, Pennsylvania, 2020**



Note: may not sum to 100 due to rounding.

Table C-17D  
**Resident Cancer (Malignant Neoplasm) Deaths by Site and Race - Males**  
**Number and Rate\*: Pennsylvania, 2020**

Cancer (Malignant Neoplasm) Site**	All Races	White		Black	
		Number	Rate	Number	Rate
Total Cancers (Malignant Neoplasms)	14,544	12,771	244.6	1,324	172.4
Lung and Bronchus	3,363	2,989	57.2	289	37.6
Prostate	1,401	1,170	22.4	195	25.4
Colon and Rectum	1,266	1,116	21.4	112	14.6
Pancreas	1,139	1,006	19.3	106	13.8
Esophagus	654	600	11.5	30	3.9
Leukemia	608	553	10.6	38	4.9
Non-Hodgkin Lymphoma	542	496	9.5	29	3.8
All Other Sites	5,571	4,841	92.7	525	68.4

\* Rate per 100,000 male population for each race.

\*\* The following 10th revision ICD codes were used in this table:

Lung and Bronchus = C34

Colon and Rectum = C18-C20, C26.0

Prostate = C61

Pancreas = C25

Leukemia = C90.1, C91-C95

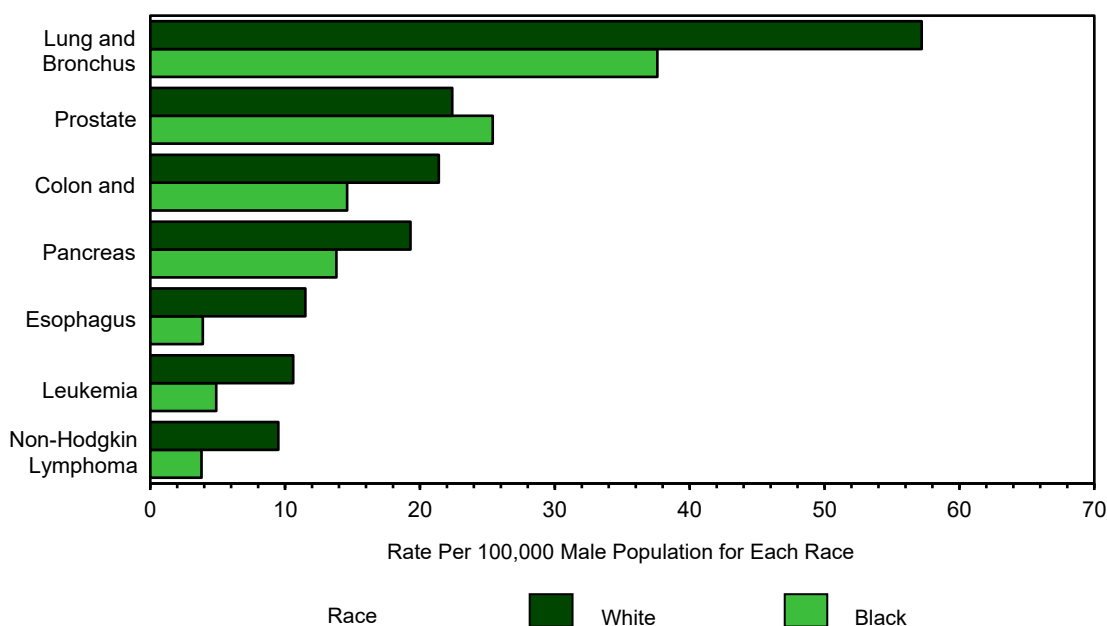
Esophagus = C15

Non-Hodgkin Lymphoma = C82-C85

Note: Some of the sites that appear above are different from the sites that appeared in reports prior to 2000. The above sites now match the primary site definitions used by the National Cancer Institute's SEER Program. Starting in 2013, the categorization of race data has changed. Please see Section J of the Technical Notes for further explanation.

Figure C-14  
**Resident Cancer (Malignant Neoplasm) Death Rates by Site and Race**  
**Males, Pennsylvania, 2020**

Cancer (Malignant Neoplasm) Site



Note: Starting in 2013, the categorization of race data has changed. Please see Section J of the Technical Notes for further explanation.

Table C-17E  
**Resident Cancer (Malignant Neoplasm) Deaths by Site and Race - Females**  
**Number and Rate\*: Pennsylvania, 2020**

Cancer (Malignant Neoplasm) Site**	All Races	White		Black	
		Number	Rate	Number	Rate
Total Cancers (Malignant Neoplasms)	13,362	11,554	216.8	1,377	169.5
Lung and Bronchus	2,922	2,561	48.0	286	35.2
Breast	1,904	1,616	30.3	222	27.3
Colon and Rectum	1,074	935	17.5	97	11.9
Pancreas	1,054	904	17.0	123	15.1
Ovary	659	586	11.0	51	6.3
Leukemia	499	442	8.3	37	4.6
Non-Hodgkin Lymphoma	443	393	7.4	32	3.9
All Other Sites	4,807	4,117	77.2	529	65.1

\* Rate per 100,000 female population for each race.

\*\* The following 10th revision ICD codes were used in this table:

Lung and Bronchus = C34

Breast = C50

Colon and Rectum = C18-C20, C26.0

Pancreas = C25

Ovary = C56

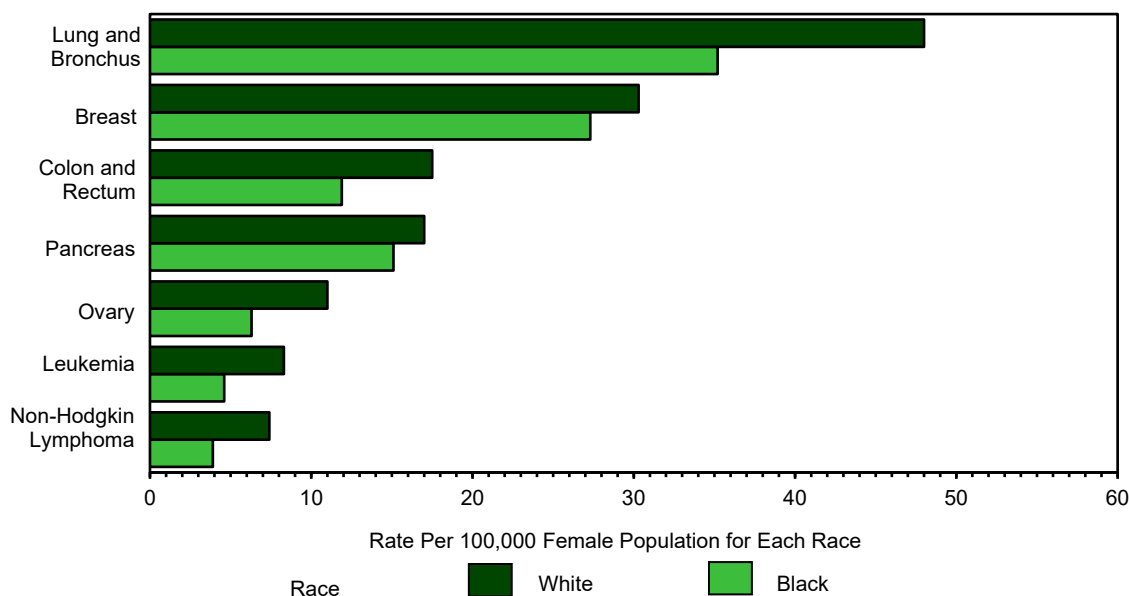
Non-Hodgkin Lymphoma = C82-C85

Leukemia = C90.1, C91-C95

Note: Some of the sites that appear above are different from the sites that appeared in reports prior to 2000. The above sites now match the primary site definitions used by the National Cancer Institute's SEER Program. Starting in 2013, the categorization of race data has changed. Please see Section J of the Technical Notes for further explanation.

Figure C-15  
**Resident Cancer (Malignant Neoplasm) Death Rates by Site and Race**  
**Females, Pennsylvania, 2020**

Cancer (Malignant Neoplasm) Site



Note: Starting in 2013, the categorization of race data has changed. Please see Section J of the Technical Notes for further explanation.

Table C-18A  
**Deaths Due to Accidents**  
**Number of Deaths, Age-Adjusted Death Rates and 95% Confidence Intervals**  
**Pennsylvania and United States, 1970, 1975, 1980, 1985, 1990-2020**

Year	Pennsylvania			United States		
	Number	Rate	CI (95%)	Number	Rate	CI (95%)
2020	9,494	68.1	66.7-69.5	NA	NA	NA
2019	8,564	61.0	59.7-62.3	173,040	49.3	49.1-49.5
2018	8,555	61.7	60.4-63.0	167,127	48.0	47.8-48.2
2017	9,464	69.7	68.3-71.1	169,936	49.4	49.2-49.6
2016	8,320	61.2	59.9-62.5	161,374	47.4	47.2-47.6
2015	7,266	51.5	50.3-52.7	146,571	43.2	43.0-43.4
2014	6,541	46.1	45.0-47.2	136,053	40.5	40.3-40.7
2013	6,299	44.4	43.3-45.5	130,557	39.4	39.2-39.6
2012	6,156	43.7	42.6-44.8	127,792	39.1	38.9-39.3
2011	6,062	43.2	42.1-44.3	122,777	38.0	37.8-38.2
2010	5,607	40.1	39.1-41.2	120,859	38.0	37.8-38.2
2009	5,441	39.2	38.2-40.2	118,021	37.3	37.1-37.5
2008	5,669	42.0	40.9-43.1	121,902	38.8	38.6-39.0
2007	5,458	41.2	40.1-42.3	123,706	40.0	39.8-40.2
2006	5,143	39.4	38.3-40.5	121,599	39.8	39.6-40.0
2005	5,314	39.9	38.8-41.0	117,809	39.1	38.9-39.3
2004	5,091	38.4	37.4-39.5	112,012	37.7	37.5-37.9
2003	4,921	37.5	36.5-38.6	109,277	37.3	37.1-37.5
2002	4,587	35.1	34.1-36.1	106,742	36.9	36.7-37.1
2001	4,524	34.1	33.1-35.1	101,537	35.7	35.5-35.9
2000	4,500	34.6	33.6-35.6	97,900	34.9	34.7-35.1
1999	4,505	34.5	33.5-35.5	97,860	35.9	35.7-36.1
1998	4,553	34.9	33.9-35.9	97,835	36.3	36.1-36.5
1997	4,743	36.8	35.8-37.9	95,644	36.0	35.8-36.2
1996	4,274	33.4	32.4-34.4	94,948	36.2	36.0-36.4
1995	4,180	33.0	32.0-34.0	93,320	36.0	35.8-36.2
1994	4,271	33.7	32.7-34.7	91,437	35.7	35.5-35.9
1993	4,132	33.1	32.1-34.1	90,523	35.7	35.5-35.9
1992	4,040	32.0	31.0-33.0	86,777	34.6	34.4-34.8
1991	3,979	31.9	30.9-32.9	89,347	36.0	35.8-36.2
1990	4,001	32.6	31.6-33.6	91,983	37.5	37.3-37.7
1985	4,113	33.2	32.2-34.2	93,457	39.9	39.6-40.2
1980	4,586	38.6	37.5-39.7	105,718	47.7	47.4-48.0
1975	4,702	40.9	39.7-42.1	103,030	50.8	50.5-51.1
1970	5,336	48.8	47.5-50.1	114,638	62.2	61.8-62.6

NA = Data not available

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

Rates are per 100,000. Unknowns excluded from calculations for 2002 - 2020.

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

Data for 1999-2020 based on ICD-10, 1980-1998 based on ICD-9, and 1970 and 1975 based on ICD-8 cause of death codes.

Figure C-16  
**Accident Age-Adjusted Death Rates**  
**Pennsylvania and United States, 1980-2020**

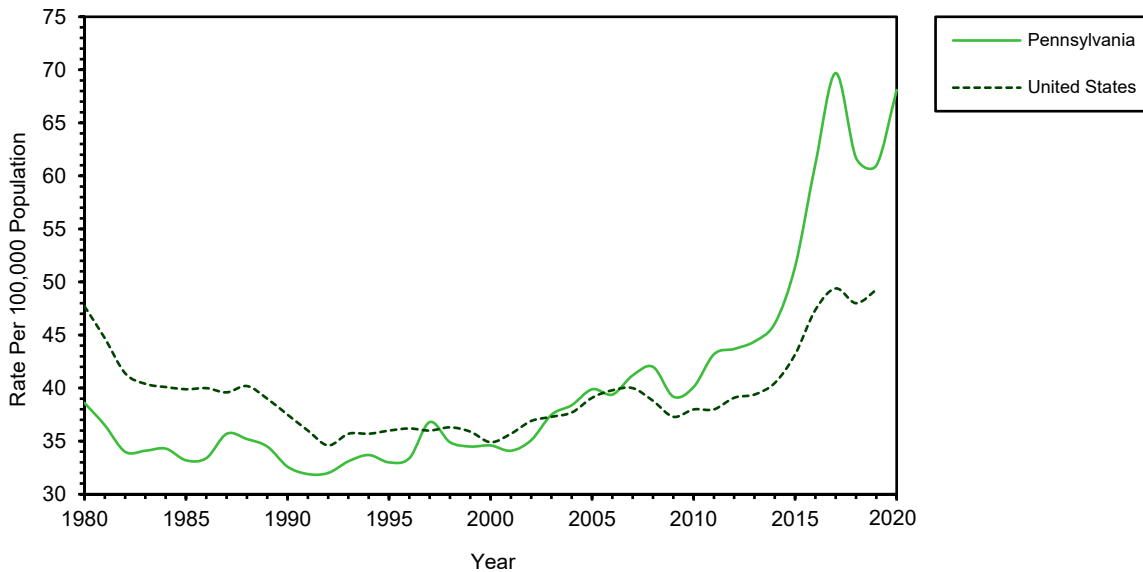


Table C-18B  
Resident Deaths Due to Accidents by Type and Age  
Pennsylvania, 2020

Deaths by Type of Accident*	All Ages**	Age at Death (In Years)									
		Under	5	5 - 14	15 - 24	25 - 34	35 - 44	45 - 54	55 - 64	65 - 74	75 - 84
Total Accidental Deaths	9,494	77	54	492	1,505	1,586	1,342	1,338	801	891	1,408
Motor Vehicle Accidents	1,225	17	19	174	214	170	164	188	121	109	49
Other Transport Accidents	76	1	0	8	12	8	17	17	7	5	1
Falls	2,136	0	1	2	12	19	54	151	285	552	1,060
Discharge of Firearms	14	1	0	3	3	2	0	2	0	1	2
Drowning and Submersion	93	15	9	14	11	10	10	7	8	6	3
Suffocation and Strangulation	380	32	2	3	8	12	20	47	78	65	113
Smoke, Fire and Flames	144	7	10	11	10	8	8	28	31	19	12
Poisoning by Noxious Substances	4,908	3	5	271	1,217	1,340	1,032	818	190	26	6
Other Nontransport Accidents	518	1	8	6	18	17	37	80	81	108	162

Table C-18C  
Resident Deaths Due to Accidents by Type and Sex  
Number and Percent: Pennsylvania, 2020

Deaths by Type of Accident*	Total***	Male		Female	
		Number	Percent	Number	Percent
Total Accidental Deaths	9,494	6,146	100.0	3,348	100.0
Motor Vehicle Accidents	1,225	894	14.5	331	9.9
Other Transport Accidents	76	54	0.9	22	0.7
Falls	2,136	1,069	17.4	1,067	31.9
Discharge of Firearms	14	11	0.2	3	ND
Drowning and Submersion	93	73	1.2	20	0.6
Suffocation and Strangulation	380	234	3.8	146	4.4
Smoke, Fire and Flames	144	81	1.3	63	1.9
Poisoning by Noxious Substances	4,908	3,434	55.9	1,474	44.0
Other Nontransport Accidents	518	296	4.8	222	6.6

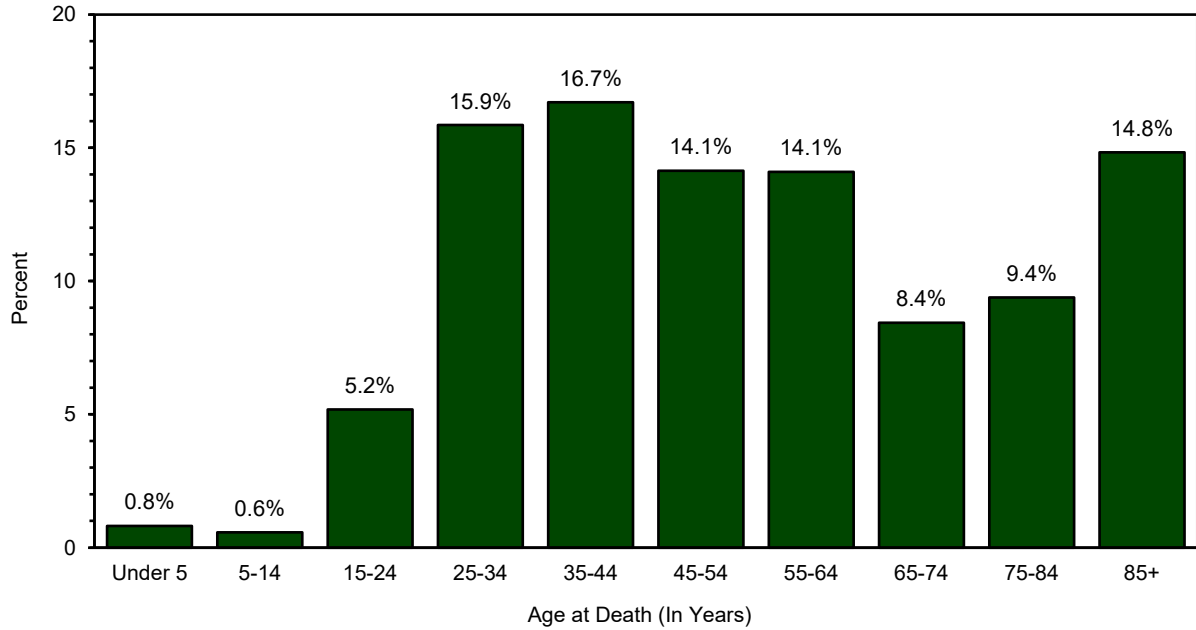
\* The following 10th revision ICD codes were used in the above tables:  
 Motor Vehicle Accidents = V02-V04, V09.0, V09.2, V12-V14, V19.0-V19.2, V19.4-V19.6, V20-V79, V80.3-V80.5, V81.0-V81.1, V82.0-V82.1, V83-V86, V87.0-V87.8, V88.0-V88.8, V89.0, V89.2  
 Other Transport Accidents = V01, V05-V06, V09.1, V09.3-V09.9, V10-V11, V15-V18, V19.3, V19.8-V19.9, V80.0-V80.2, V80.6-V80.9, V81.2-V81.9, V82.2-V82.9, V87.9, V88.9, V89.1, V89.3, V89.9, V90-V99, Y85  
 Falls = W00-W19  
 Discharge of Firearms = W32-W34  
 Drowning and Submersion = W65-W74  
 Suffocation and Strangulation = W75-W84  
 Smoke, Fire and Flames = X00-X09  
 Poisoning by Noxious Substances = X40-X49  
 Other Nontransport Accidents = W20-W31, W35-W64, W85-W99, X10-X39, X50-X59, Y86

\*\* Includes any unknown ages.

\*\*\*Total includes any unknown sex.

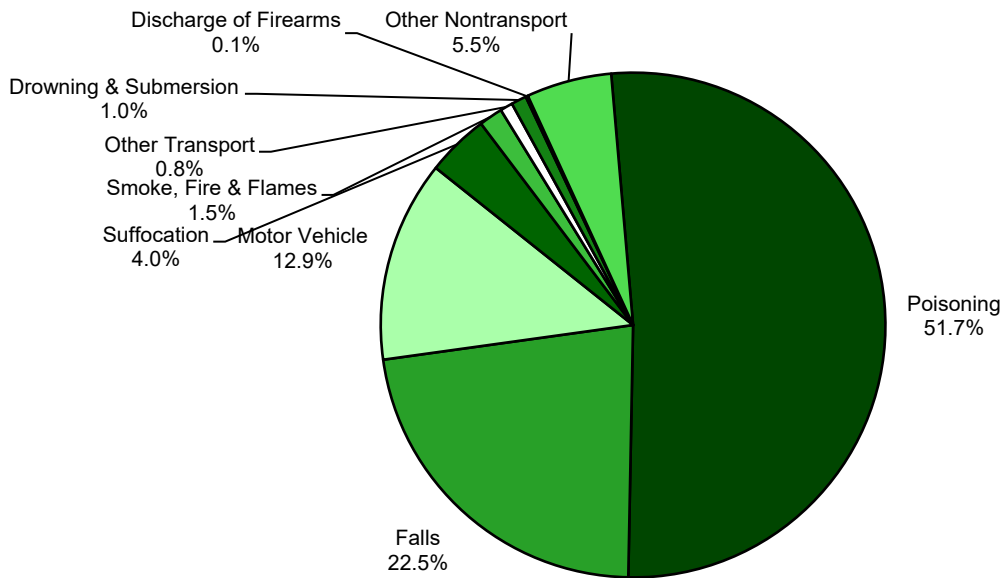
Note: Percents based on less than 10 events are considered statistically unreliable and are not displayed (ND).

Figure C-17  
**Resident Deaths Due to Accidents**  
**Percent by Age Group, Pennsylvania, 2020**



Note: may not sum to 100 due to rounding.

Figure C-18  
**Resident Deaths Due to Accidents**  
**Percent by Type, Pennsylvania, 2020**



Note: may not sum to 100 due to rounding.



Table C-19  
**Cerebrovascular Disease Deaths**  
**Number of Deaths, Age-Adjusted Death Rates and 95% Confidence Intervals**  
**Pennsylvania and United States, 1970, 1975, 1980, 1985, 1990-2020**

Year	Pennsylvania			United States		
	Number	Rate	CI (95%)	Number	Rate	CI (95%)
2020	6,925	38.2	37.3-39.1	NA	NA	NA
2019	6,645	35.3	34.5-36.2	150,005	37.0	36.8-37.2
2018	6,588	35.2	34.4-36.1	147,810	37.1	36.9-37.3
2017	6,680	36.4	35.5-37.3	146,383	37.6	37.4-37.8
2016	6,694	36.8	35.9-37.7	142,142	37.3	37.1-37.5
2015	6,943	38.6	37.7-39.5	140,323	37.6	37.4-37.8
2014	6,527	36.5	35.6-37.4	133,103	36.5	36.3-36.7
2013	6,575	37.0	36.1-37.9	128,978	36.2	36.0-36.4
2012	6,445	36.8	35.9-37.7	128,546	36.9	36.7-37.1
2011	6,746	39.1	38.2-40.0	128,931	37.9	37.7-38.1
2010	6,629	38.9	38.0-39.8	129,476	39.1	38.9-39.3
2009	6,791	39.9	39.0-40.9	128,842	38.9	38.7-39.1
2008	6,676	41.8	40.8-42.8	134,148	40.7	40.5-40.9
2007	7,095	46.9	45.8-48.0	135,952	42.2	42.0-42.4
2006	7,093	47.9	46.8-49.0	137,119	43.6	43.4-43.8
2005	7,581	48.0	46.9-49.1	143,579	46.6	46.4-46.8
2004	7,731	49.9	48.8-51.0	150,074	50.0	49.8-50.3
2003	8,180	53.7	52.5-54.9	157,689	53.5	53.2-53.8
2002	8,442	56.5	55.3-57.7	162,672	56.2	55.9-56.5
2001	8,585	54.7	53.5-55.9	163,538	57.9	57.6-58.2
2000	8,885	58.7	57.5-59.9	167,661	60.9	60.6-61.2
1999	8,547	54.2	53.1-55.4	167,366	61.8	61.5-62.1
1998	8,208	53.3	52.2-54.5	158,448	59.6	59.3-59.9
1997	8,325	55.6	54.4-56.8	159,791	61.8	61.5-62.1
1996	8,582	59.8	58.5-61.1	159,942	63.2	62.9-63.5
1995	8,206	58.2	56.9-59.5	157,991	63.9	63.6-64.2
1994	8,380	59.4	58.1-60.7	153,306	63.3	63.0-63.6
1993	7,819	58.4	57.1-59.7	150,108	63.2	62.9-63.5
1992	7,657	56.1	54.8-57.4	143,769	62.1	61.8-62.4
1991	7,587	57.6	56.3-58.9	143,481	63.3	63.0-63.6
1990	7,678	60.8	59.4-62.2	144,088	65.5	65.2-65.8
1985	8,175	65.8	64.4-67.2	153,050	76.6	76.2-77.0
1980	9,539	90.8	89.0-92.6	170,225	96.4	95.9-96.9
1975	11,311	115.9	113.8-118.0	194,038	123.5	123.0-124.1
1970	12,573	143.0	140.5-145.5	207,166	147.7	147.1-148.3

NA = Data not available

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

Rates are per 100,000. Unknowns excluded from calculations for 2002 - 2020.

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

Data for 1999-2020 based on ICD-10, 1980-1998 based on ICD-9, and 1970 and 1975 based on ICD-8 cause of death codes.

Figure C-19  
**Cerebrovascular Disease Age-Adjusted Death Rates**  
**Pennsylvania and United States, 1980-2020**

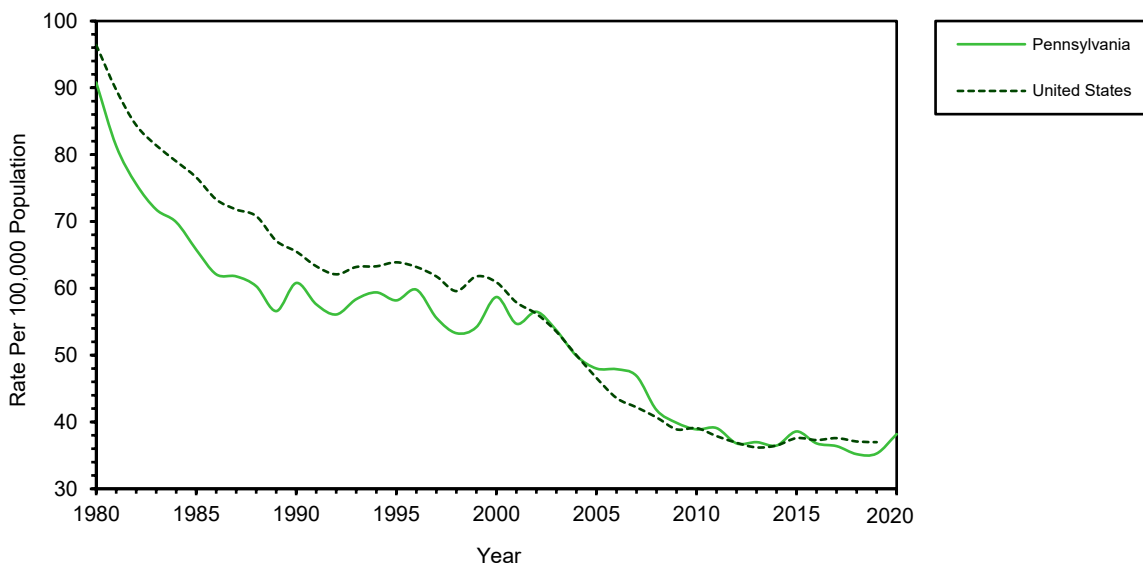


Table C-20  
**Influenza and Pneumonia Deaths**  
**Number of Deaths, Age-Adjusted Death Rates and 95% Confidence Intervals**  
**Pennsylvania and United States, 1970, 1975, 1980, 1985, 1990-2020**

Year	Pennsylvania			United States		
	Number	Rate	CI (95%)	Number	Rate	CI (95%)
2020	2,352	13.2	12.7-13.7	NA	NA	NA
2019	2,472	13.4	12.9-13.9	49,783	12.3	12.2-12.4
2018	2,881	15.5	14.9-16.1	59,120	14.9	14.8-15.0
2017	2,710	14.6	14.1-15.2	55,672	14.3	14.2-14.4
2016	2,468	13.7	13.2-14.2	51,537	13.5	13.4-13.6
2015	2,892	15.9	15.3-16.5	57,062	15.2	15.1-15.3
2014	2,498	13.9	13.4-14.5	55,227	15.1	15.0-15.2
2013	2,865	16.0	15.4-16.6	56,979	15.9	15.8-16.0
2012	2,328	13.3	12.8-13.8	50,636	14.4	14.3-14.5
2011	2,726	15.7	15.1-16.3	53,667	15.7	15.6-15.8
2010	2,289	13.4	12.9-14.0	50,097	15.1	15.0-15.2
2009	2,532	14.9	14.3-15.5	53,692	16.2	16.1-16.3
2008	2,701	16.7	16.1-17.4	56,284	16.9	16.8-17.0
2007	2,521	16.7	16.1-17.4	52,717	16.2	16.1-16.3
2006	2,694	18.2	17.5-18.9	56,326	17.8	17.7-18.0
2005	3,039	19.2	18.5-19.9	63,001	20.3	20.1-20.5
2004	2,915	18.7	18.0-19.4	59,664	19.8	19.6-20.0
2003	2,974	19.6	18.9-20.3	65,163	22.0	21.8-22.2
2002	2,786	18.7	18.0-19.4	65,681	22.6	22.4-22.8
2001	2,753	17.4	16.8-18.1	62,034	22.0	21.8-22.2
2000	3,047	20.2	19.5-20.9	65,313	23.7	23.5-23.9
1999	3,093	19.3	18.6-20.0	63,730	23.6	23.4-23.8
1998	4,512	28.9	28.1-29.7	91,871	34.6	34.4-34.8
1997	4,362	28.9	28.0-29.8	86,449	33.6	33.4-33.8
1996	4,347	30.4	29.5-31.3	83,727	33.2	33.0-33.4
1995	4,242	30.2	29.3-31.1	82,923	33.8	33.6-34.0
1994	4,212	29.9	29.0-30.8	81,473	33.9	33.7-34.1
1993	4,202	31.9	30.9-32.9	82,820	35.2	35.0-35.4
1992	4,022	29.6	28.7-30.5	75,719	33.1	32.9-33.3
1991	3,911	30.2	29.3-31.2	77,860	34.9	34.7-35.2
1990	3,876	31.5	30.5-32.5	79,513	36.8	36.5-37.1
1985	3,357	27.1	26.2-28.0	67,615	34.5	34.2-34.8
1980	2,869	27.9	26.9-28.9	54,619	31.4	31.1-31.7
1975	3,187	32.8	31.7-33.9	55,664	34.9	34.6-35.2
1970	3,466	38.2	36.9-39.5	62,739	41.7	41.4-42.0

NA = Data not available

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

Rates are per 100,000. Unknowns excluded from calculations for 2002 - 2020.

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

Data for 1999-2020 based on ICD-10, 1980-1998 based on ICD-9, and 1970 and 1975 based on ICD-8 cause of death codes.

Figure C-20

**Influenza and Pneumonia Age-Adjusted Death Rates**  
**Pennsylvania and United States, 1980-2020**

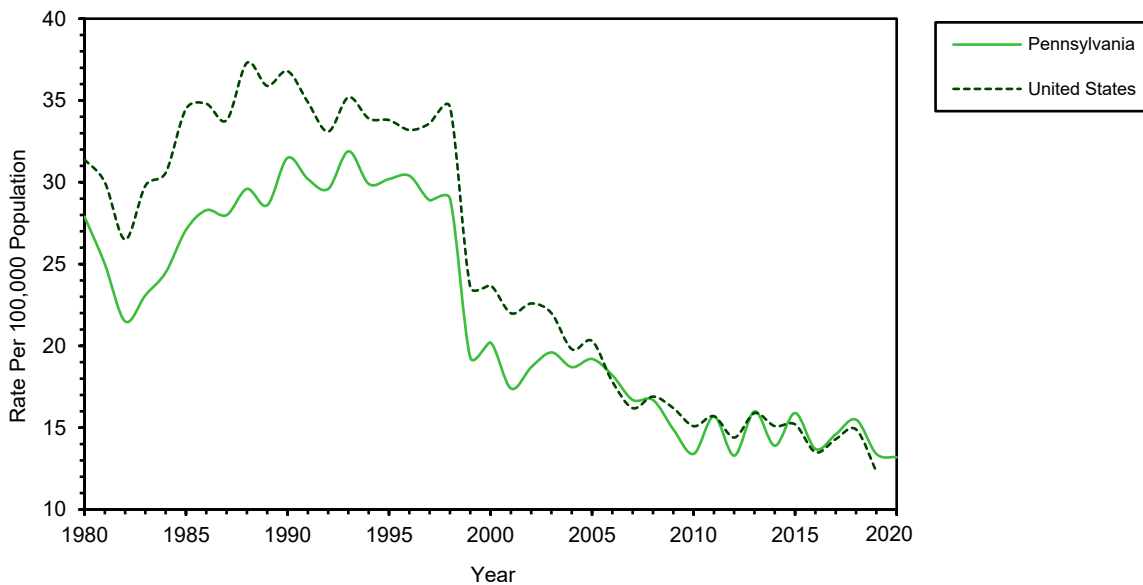


Table C-21A  
**Intentional Self-harm (Suicide) Deaths**  
**Number of Deaths, Age-Adjusted Death Rates and 95% Confidence Intervals**  
**Pennsylvania and United States, 1970, 1975, 1980, 1985, 1990-2020**

Year	Pennsylvania			United States		
	Number	Rate	CI (95%)	Number	Rate	CI (95%)
2020	1,686	12.3	11.7-12.9	NA	NA	NA
2019	1,887	14.0	13.4-14.6	47,511	13.9	13.8-14.0
2018	2,017	14.9	14.3-15.6	48,344	14.2	14.1-14.3
2017	2,023	15.0	14.4-15.7	47,173	14.0	13.9-14.1
2016	1,960	14.6	14.0-15.3	44,965	13.5	13.4-13.6
2015	1,882	13.9	13.3-14.5	44,193	13.3	13.2-13.4
2014	1,797	13.2	12.6-13.8	42,773	13.0	12.9-13.1
2013	1,778	13.3	12.7-13.9	41,149	12.6	12.5-12.7
2012	1,613	12.1	11.5-12.7	40,600	12.6	12.5-12.7
2011	1,707	12.9	12.3-13.5	38,285	12.0	11.9-12.1
2010	1,547	11.7	11.1-12.3	38,364	12.1	12.0-12.2
2009	1,601	12.2	11.6-12.8	36,909	11.8	11.7-11.9
2008	1,522	11.9	11.3-12.5	36,035	11.6	11.5-11.7
2007	1,416	11.1	10.5-11.7	34,598	11.3	11.2-11.4
2006	1,372	10.7	10.1-11.3	33,300	10.9	10.8-11.0
2005	1,404	11.0	10.4-11.6	32,637	10.9	10.8-11.0
2004	1,397	11.0	10.4-11.6	32,439	10.9	10.8-11.0
2003	1,330	10.5	9.9-11.1	31,484	10.8	10.7-10.9
2002	1,326	10.6	10.0-11.2	31,655	10.9	10.8-11.0
2001	1,266	10.1	9.5-10.7	30,622	10.7	10.6-10.8
2000	1,348	10.7	10.1-11.3	29,350	10.4	10.3-10.5
1999	1,272	10.4	9.8-11.0	29,199	10.7	10.6-10.8
1998	1,365	11.2	10.6-11.8	30,575	11.3	11.2-11.4
1997	1,401	11.5	10.9-12.1	30,535	11.4	11.3-11.5
1996	1,405	11.4	10.8-12.0	30,903	11.7	11.6-11.8
1995	1,450	11.8	11.2-12.4	31,284	12.0	11.9-12.1
1994	1,328	10.8	10.2-11.4	31,142	12.1	12.0-12.2
1993	1,400	11.4	10.8-12.0	31,102	12.2	12.1-12.3
1992	1,378	11.3	10.7-11.9	30,484	12.1	12.0-12.2
1991	1,387	11.3	10.7-11.9	30,810	12.3	12.2-12.4
1990	1,446	11.8	11.2-12.4	30,906	12.5	12.4-12.6
1985	1,432	11.8	11.2-12.4	29,453	12.5	12.4-12.6
1980	1,317	11.2	10.6-11.8	26,869	12.2	12.1-12.4
1975	1,377	12.1	11.5-12.7	27,063	13.6	13.4-13.8
1970	1,337	12.4	11.7-13.1	23,480	13.1	12.9-13.3

NA = Data not available

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

Rates are per 100,000. Unknowns excluded from calculations for 2002 - 2020.

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

Data for 1999-2020 based on ICD-10, 1980-1998 based on ICD-9, and 1970 and 1975 based on ICD-8 cause of death codes.

Figure C-21  
**Intentional Self-harm (Suicide) Age-Adjusted Death Rates**  
**Pennsylvania and United States, 1980-2020**

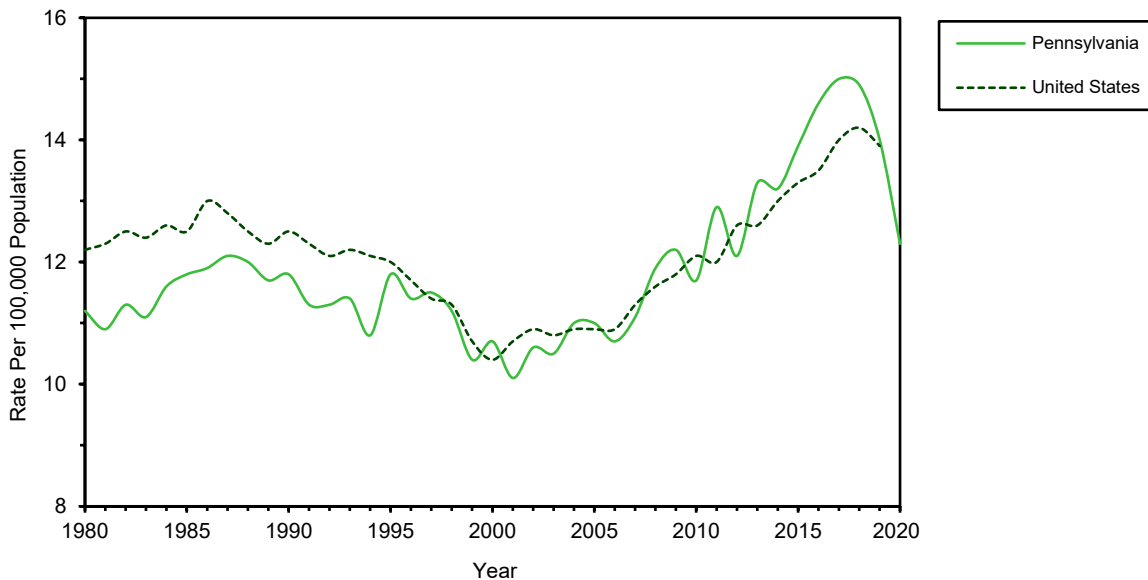


Table C-21B  
**Resident Intentional Self-harm (Suicide) Deaths  
 by Age, Race, and Sex, Pennsylvania, 2020**

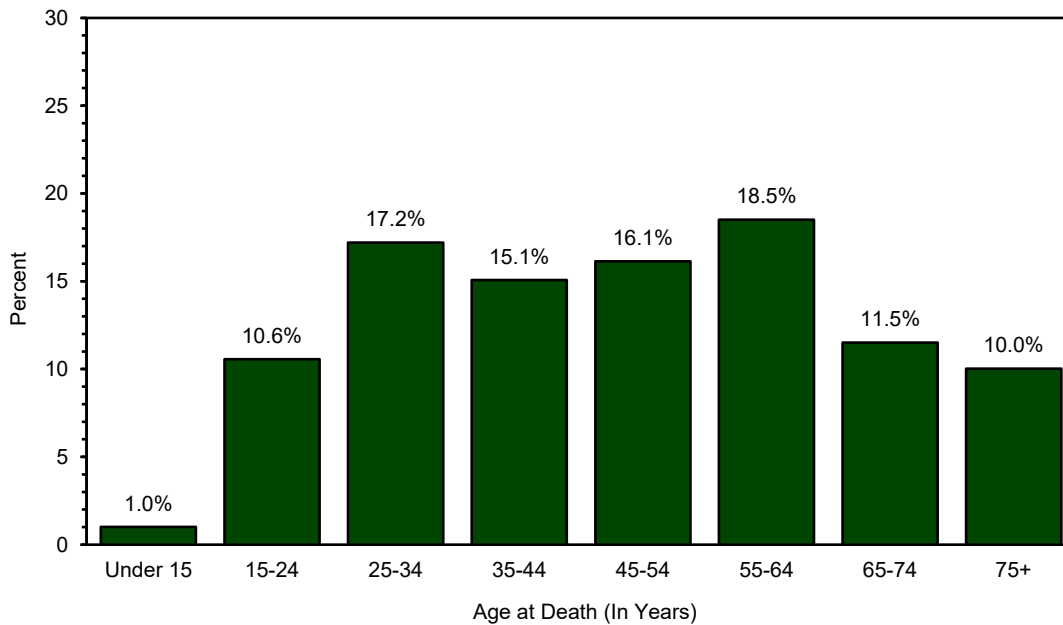
Age Group (In Years)	All Races			White			Black		
	Total*	Male	Female	Total*	Male	Female	Total*	Male	Female
All Ages**	1,686	1,359	327	1,485	1,201	284	122	96	26
Under 15	17	12	5	13	9	4	2	2	0
15 - 24	178	150	28	140	116	24	21	17	4
25 - 34	290	238	52	227	191	36	45	32	13
35 - 44	254	195	59	219	166	53	18	15	3
45 - 54	272	204	68	241	183	58	17	13	4
55 - 64	312	250	62	296	239	57	11	9	2
65 - 74	194	157	37	188	151	37	5	5	0
75+	169	153	16	161	146	15	3	3	0

\* Total includes any unknown sex.

\*\*Includes any unknown ages.

Note: Starting in 2013, the categorization of race data has changed. Please see Section J of the Technical Notes for further explanation.

Figure C-22  
**Resident Intentional Self-harm (Suicide) Deaths  
 Percent by Age Group, Pennsylvania, 2020**



Note: may not sum to 100 due to rounding.

Table C-22A  
**Deaths Due to HIV Disease, Number and Rate\***  
**Pennsylvania and United States, 1987-2020**

Year	Pennsylvania		United States	
	Number	Rate	Number	Rate
2020	129	1.0	NA	NA
2019	109	0.9	5,044	1.5
2018	121	0.9	5,425	1.7
2017	154	1.2	5,698	1.7
2016	168	1.3	6,160	1.9
2015	175	1.4	6,465	2.0
2014	196	1.5	6,721	2.1
2013	244	1.9	6,955	2.2
2012	207	1.6	7,216	2.3
2011	220	1.7	7,638	2.5
2010	264	2.1	8,369	2.7
2009	291	2.3	9,406	3.1
2008	304	2.4	10,285	3.4
2007	371	3.0	11,295	3.7
2006	360	2.9	12,113	4.0
2005	358	2.8	12,543	4.2
2004	458	3.7	13,063	4.5
2003	463	3.7	13,658	4.7
2002	496	4.0	14,095	4.9
2001	495	4.0	14,175	5.0
2000	498	4.1	14,478	5.1
1999	493	4.1	14,802	5.4
1998	479	4.0	13,426	5.0
1997	567	4.7	16,516	6.2
1996	1,057	8.8	31,130	11.7
1995	1,372	11.4	43,115	16.4
1994	1,281	10.6	42,114	16.2
1993	1,088	9.0	37,267	14.5
1992	980	8.2	33,566	13.2
1991	853	7.1	29,555	11.7
1990	750	6.3	25,188	10.1
1989	651	5.4	22,082	8.9
1988	466	3.9	16,602	6.8
1987	365	3.1	13,468	5.5

\* Rate per 100,000 population.

NA = Data not available

Notes: Data for 1999-2020 based on ICD-10 and 1987-1998 based on ICD-9 cause of death codes.

Figure C-23  
**HIV Disease Death Rates**  
**Pennsylvania and United States, 1987-2020**

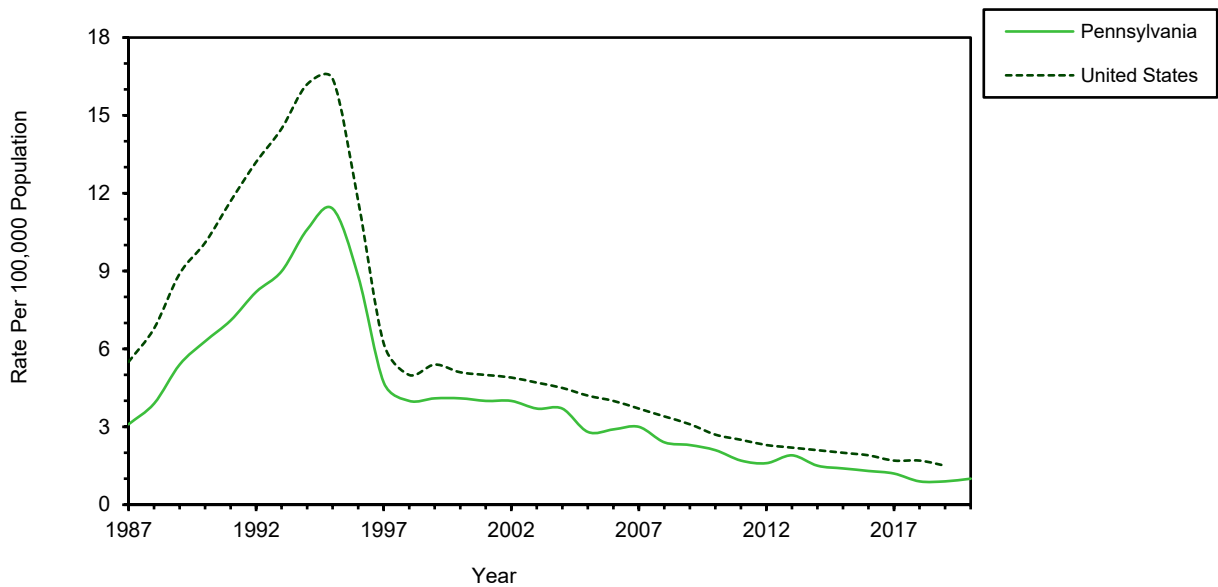


Table C-22B  
**Resident Deaths Due to HIV Disease**  
**by Age, Race, Hispanic Origin, and Sex, Pennsylvania, 2020**

Age Group (In Years)	All Races			White			Black			Hispanic Origin		
	Total*	Male	Female	Total*	Male	Female	Total*	Male	Female	Total*	Male	Female
All Ages**	129	90	39	53	44	9	68	43	25	12	6	6
Under 15	0	0	0	0	0	0	0	0	0	0	0	0
15 - 24	0	0	0	0	0	0	0	0	0	0	0	0
25 - 29	2	0	2	0	0	0	1	0	1	1	0	1
30 - 34	2	0	2	0	0	0	1	0	1	1	0	1
35 - 39	8	7	1	1	1	0	7	6	1	0	0	0
40 - 44	10	6	4	6	5	1	4	1	3	0	0	0
45 - 54	21	13	8	9	5	4	11	7	4	4	2	2
55 - 64	42	28	14	16	14	2	22	13	9	4	2	2
65 - 74	29	24	5	12	11	1	17	13	4	1	1	0
75+	15	12	3	9	8	1	5	3	2	1	1	0

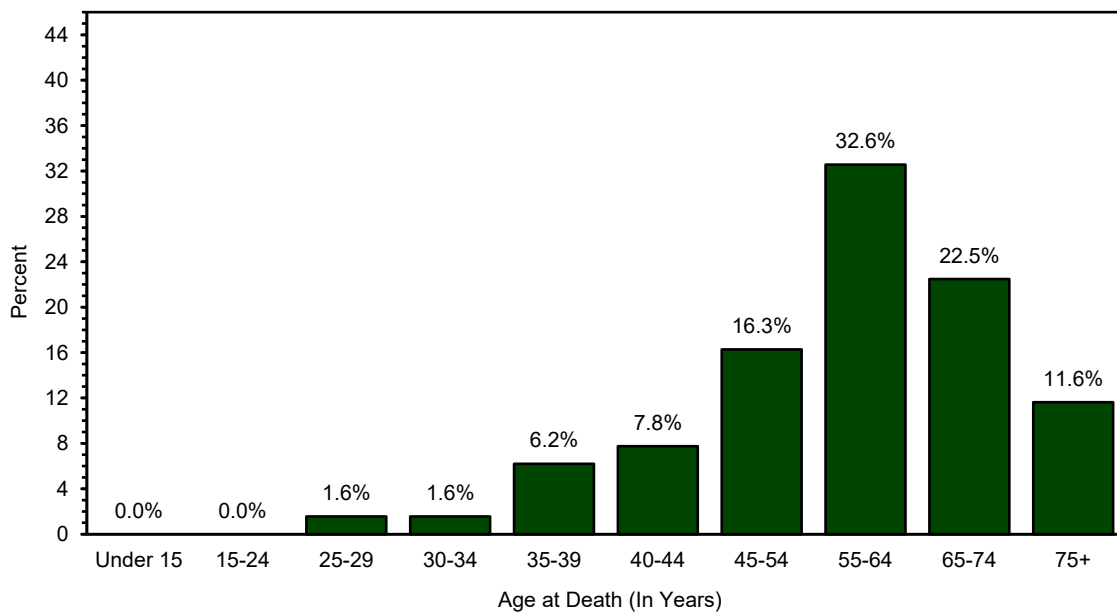
\* Total includes any unknown sex.

\*\*Includes any unknown ages.

Note: Hispanic origin can be of any race.

Starting in 2013, the categorization of race data has changed. Please see Section J of the Technical Notes for further explanation.

Figure C-24  
**Resident Deaths Due to HIV Disease**  
**Percent by Age Group, Pennsylvania, 2020**



Note: may not sum to 100 due to rounding.

Table C-23A  
**Assault (Homicide) Deaths**  
**Number of Deaths, Age-Adjusted Death Rates and 95% Confidence Intervals**  
**Pennsylvania and United States, 1970, 1975, 1980, 1985, 1990-2020**

Year	Pennsylvania			United States		
	Number	Rate	CI (95%)	Number	Rate	CI (95%)
2020	988	8.3	7.8-8.8	NA	NA	NA
2019	721	6.1	5.6-6.5	19,141	6.0	5.9-6.1
2018	785	6.5	6.0-6.9	18,830	5.9	5.8-6.0
2017	790	6.6	6.1-7.1	19,510	6.2	6.1-6.3
2016	722	6.0	5.6-6.4	19,362	6.2	6.1-6.3
2015	674	5.6	5.2-6.0	17,793	5.7	5.6-5.8
2014	617	5.1	4.7-5.5	15,809	5.1	5.0-5.2
2013	630	5.3	4.8-5.7	16,121	5.2	5.1-5.3
2012	699	5.8	5.4-6.2	16,688	5.4	5.3-5.5
2011	674	5.6	5.2-6.0	15,953	5.2	5.1-5.3
2010	682	5.6	5.2-6.0	16,259	5.3	5.2-5.4
2009	650	5.3	4.9-5.7	16,799	5.5	5.4-5.6
2008	692	5.7	5.3-6.2	17,826	5.9	5.8-6.0
2007	737	6.1	5.7-6.5	18,361	6.1	6.0-6.2
2006	759	6.3	5.9-6.8	18,573	6.2	6.1-6.3
2005	741	6.2	5.8-6.7	18,124	6.1	6.0-6.2
2004	679	5.7	5.3-6.1	17,357	5.9	5.8-6.0
2003	666	5.6	5.2-6.0	17,732	6.0	5.9-6.1
2002	629	5.3	4.9-5.7	17,638	6.1	6.0-6.2
2001	671	5.6	5.2-6.0	20,308	7.1	7.0-7.2
2000	649	5.5	5.1-5.9	16,765	5.9	5.8-6.0
1999	634	5.4	5.0-5.8	16,889	6.2	6.1-6.3
1998	634	5.4	5.0-5.8	18,272	6.7	6.6-6.8
1997	787	6.6	6.1-7.1	19,846	7.3	7.2-7.4
1996	705	5.9	5.5-6.3	20,971	7.8	7.7-7.9
1995	781	6.5	6.0-7.0	22,895	8.6	8.5-8.7
1994	750	6.2	5.8-6.6	24,926	9.4	9.3-9.5
1993	847	7.0	6.5-7.5	26,009	9.8	9.7-9.9
1992	767	6.3	5.9-6.8	25,488	9.6	9.5-9.7
1991	770	6.3	5.9-6.7	26,513	10.1	10.0-10.2
1990	824	6.8	6.3-7.3	24,932	9.5	9.4-9.6
1985	588	4.9	4.5-5.3	19,893	8.0	7.9-8.1
1980	827	6.8	6.3-7.3	24,278	10.5	10.4-10.6
1975	843	7.4	6.9-7.9	21,310	10.2	10.1-10.3
1970	657	5.8	5.4-6.2	16,848	9.0	8.9-9.1

NA = Data not available

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

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

Rates are per 100,000. Unknowns excluded from calculations for 2002 - 2020.

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

Data for 1999-2020 based on ICD-10, 1980-1998 based on ICD-9, and 1970 and 1975 based on ICD-8 cause of death codes.

Figure C-25  
**Assault (Homicide) Age-Adjusted Death Rates**  
**Pennsylvania and United States, 1980-2020**

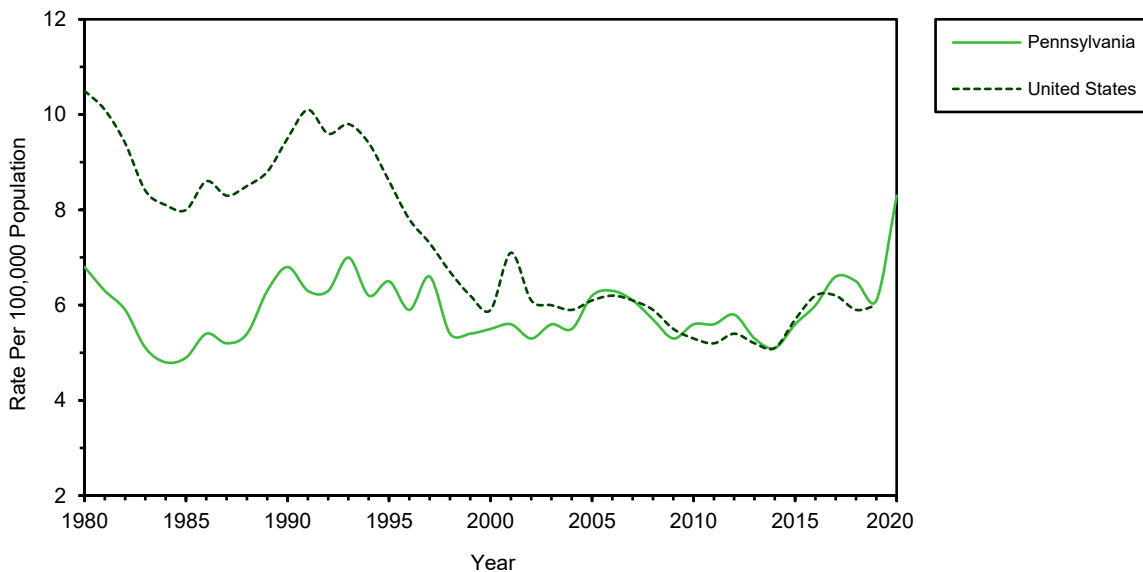


Table C-23B  
**Resident Assault (Homicide) Deaths**  
**by Age, Race, Hispanic Origin, and Sex, Pennsylvania, 2020**

Age Group (In Years)	All Races			White			Black			Hispanic Origin		
	Total*	Male	Female	Total*	Male	Female	Total*	Male	Female	Total*	Male	Female
All Ages**	988	839	149	248	172	76	647	589	58	92	80	12
Under 15	45	29	16	18	11	7	18	13	5	4	2	2
15 - 24	278	257	21	30	19	11	220	212	8	30	26	4
25 - 34	335	290	45	56	40	16	250	225	25	32	28	4
35 - 44	165	140	25	56	43	13	95	86	9	13	11	2
45 - 54	92	73	19	40	28	12	45	38	7	8	8	0
55 - 64	48	37	11	29	21	8	15	12	3	5	5	0
65 - 74	13	8	5	8	5	3	4	3	1	0	0	0
75+	12	5	7	11	5	6	0	0	0	0	0	0

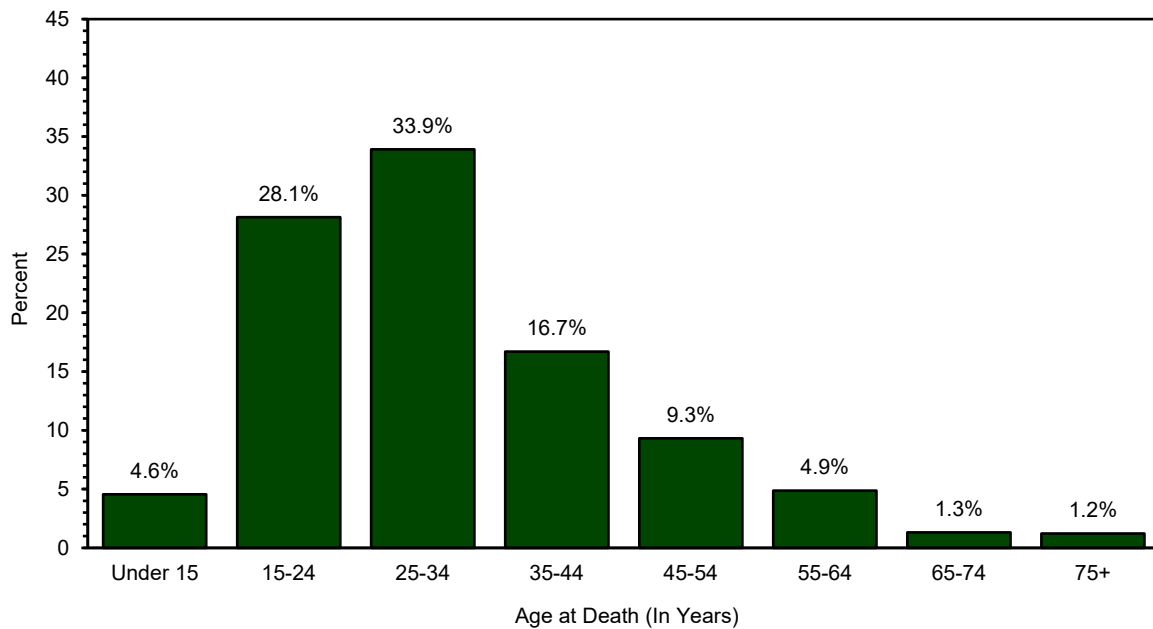
\* Total includes any unknown sex.

\*\*Includes any unknown ages.

Note: Hispanic origin can be of any race.

Starting in 2013, the categorization of race data has changed. Please see Section J of the Technical Notes for further explanation.

Figure C-26  
**Resident Assault (Homicide) Deaths**  
**Percent by Age Group, Pennsylvania, 2020**



Note: may not sum to 100 due to rounding.



Table C-24  
**Resident Live Births, All Deaths, Infant Deaths, and Neonatal Deaths  
 by County, Number and Rate\*: Pennsylvania, 2020**

County	Live Births		All Deaths		Infant Deaths		Neonatal Deaths	
	Number	Rate	Number	Rate	Number	Rate	Number	Rate
Pennsylvania	130,730	10.1	155,551	12.0	726	5.6	494	3.8
Adams	904	8.7	1,187	11.4	3	ND	2	ND
Allegheny	12,188	9.8	15,201	12.2	74	6.1	52	4.3
Armstrong	577	8.8	929	14.2	4	ND	3	ND
Beaver	1,542	9.2	2,470	14.7	6	ND	5	ND
Bedford	470	9.9	742	15.6	5	ND	3	ND
Berks	4,362	10.2	4,618	10.8	22	5.0	18	4.1
Blair	1,181	9.6	1,903	15.5	9	ND	6	ND
Bradford	639	10.7	722	12.1	1	ND	0	ND
Bucks	5,461	8.5	7,180	11.1	26	4.8	17	3.1
Butler	1,677	8.7	2,321	12.0	6	ND	5	ND
Cambria	1,193	9.0	2,169	16.3	7	ND	2	ND
Cameron	28	6.2	68	15.0	1	ND	1	ND
Carbon	604	9.3	972	15.0	2	ND	1	ND
Centre	1,065	6.7	1,226	7.8	3	ND	3	ND
Chester	5,233	9.8	4,678	8.7	29	5.5	23	4.4
Clarion	359	9.7	524	14.1	2	ND	0	ND
Clearfield	677	8.4	1,018	12.7	6	ND	4	ND
Clinton	411	11.0	434	11.6	2	ND	1	ND
Columbia	544	8.4	786	12.2	1	ND	0	ND
Crawford	830	9.9	1,109	13.2	6	ND	5	ND
Cumberland	2,600	10.0	2,775	10.7	9	ND	5	ND
Dauphin	3,334	11.6	3,033	10.6	28	8.4	22	6.6
Delaware	6,277	10.9	6,586	11.4	40	6.4	30	4.8
Elk	253	8.2	379	12.3	4	ND	3	ND
Erie	2,611	9.7	3,294	12.2	19	7.3	12	4.6
Fayette	1,271	9.9	1,997	15.6	11	8.7	9	ND
Forest	30	4.3	101	14.5	1	ND	0	ND
Franklin	1,616	10.4	1,984	12.7	9	ND	5	ND
Fulton	142	9.8	185	12.7	1	ND	0	ND
Greene	355	9.9	491	13.7	0	ND	0	ND
Huntingdon	367	8.3	571	13.0	0	ND	0	ND
Indiana	777	9.3	1,114	13.4	6	ND	4	ND
Jefferson	472	10.6	623	14.0	3	ND	3	ND
Juniata	310	13.2	334	14.2	1	ND	1	ND
Lackawanna	2,044	9.5	2,970	13.8	10	4.9	7	ND
Lancaster	6,858	12.4	6,071	11.0	35	5.1	23	3.4
Lawrence	840	9.8	1,420	16.5	8	ND	6	ND
Lebanon	1,552	10.8	1,813	12.7	4	ND	3	ND
Lehigh	4,086	10.9	4,018	10.7	28	6.9	15	3.7
Luzerne	3,181	9.8	4,741	14.6	23	7.2	13	4.1
Lycoming	1,172	10.3	1,484	13.0	13	11.1	7	ND
McKean	376	9.3	532	13.2	3	ND	2	ND
Mercer	1,016	9.2	1,706	15.5	10	9.8	6	ND
Mifflin	528	11.5	736	16.0	5	ND	4	ND
Monroe	1,433	8.5	1,814	10.8	5	ND	4	ND
Montgomery	8,278	9.7	9,040	10.5	26	3.1	16	1.9
Montour	220	12.1	257	14.2	2	ND	2	ND
Northampton	2,781	8.9	3,576	11.4	8	ND	6	ND
Northumberland	877	9.6	1,469	16.1	10	11.4	9	ND
Perry	467	10.2	534	11.7	2	ND	1	ND
Philadelphia	19,884	12.4	18,089	11.3	118	5.9	80	4.0
Pike	403	6.9	616	10.5	0	ND	0	ND
Potter	173	10.6	224	13.7	1	ND	1	ND
Schuylkill	1,280	9.0	2,286	16.0	10	7.8	6	ND
Snyder	377	9.5	417	10.5	3	ND	1	ND
Somerset	617	8.3	1,110	15.0	5	ND	3	ND
Sullivan	46	7.9	104	17.8	0	ND	0	ND
Susquehanna	340	8.9	555	14.5	0	ND	0	ND
Tioga	402	9.8	521	12.7	8	ND	6	ND
Union	406	9.5	478	11.2	2	ND	2	ND
Venango	436	8.7	753	15.0	2	ND	1	ND
Warren	339	8.8	580	15.1	1	ND	0	ND
Washington	1,829	8.7	2,779	13.3	7	ND	4	ND
Wayne	435	8.5	707	13.8	1	ND	0	ND
Westmoreland	2,839	8.0	5,083	14.4	15	5.3	13	4.6
Wyoming	207	8.0	337	13.0	0	ND	0	ND
York	4,648	10.2	5,007	11.0	14	3.0	8	ND

\* Birth and total death crude rates per 1,000 population, 2020. Infant and neonatal death rates per 1,000 live births.  
 NOTE: Rates based on less than 10 events are considered statistically unreliable and are not displayed (ND).

**Resident Deaths, Infant Deaths, and Neonatal Deaths by County  
Number and Average Annual Rate\*: Pennsylvania, 2016-2020**

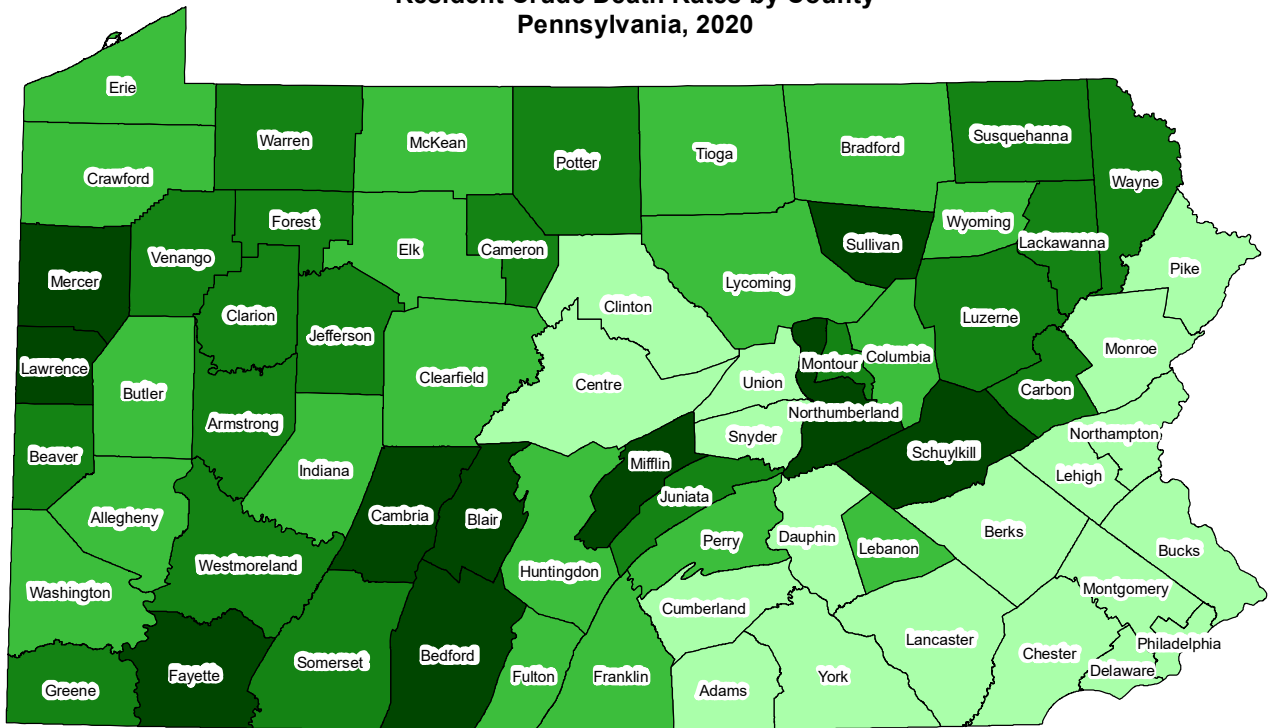
County	All Deaths 2016-2020		Infant Deaths 2016-2020		Neonatal Deaths 2016-2020	
	Number	Rate	Number	Rate	Number	Rate
Pennsylvania	692,429	10.8	4,012	5.9	2,829	4.2
Adams	5,447	10.6	24	5.0	15	3.1
Allegheny	70,569	11.5	385	6.0	278	4.3
Armstrong	4,367	13.3	22	7.3	16	5.3
Beaver	11,275	13.6	52	6.6	35	4.4
Bedford	3,092	12.9	14	6.0	8	ND
Berks	20,721	9.9	147	6.3	110	4.7
Blair	8,333	13.6	36	5.9	23	3.8
Bradford	3,517	11.6	16	4.9	5	ND
Bucks	31,822	10.1	105	3.7	75	2.6
Butler	10,502	11.1	35	4.1	26	3.0
Cambria	9,731	14.7	42	6.7	24	3.8
Cameron	323	14.2	1	ND	1	ND
Carbon	4,146	12.9	8	ND	6	ND
Centre	5,210	6.5	26	4.6	18	3.2
Chester	20,896	8.0	117	4.4	89	3.3
Clarion	2,239	11.7	14	7.3	8	ND
Clearfield	4,945	12.4	28	7.8	20	5.5
Clinton	2,130	11.0	11	5.4	7	ND
Columbia	3,622	11.1	14	5.1	7	ND
Crawford	5,151	12.1	39	8.6	30	6.6
Cumberland	12,463	9.9	65	5.0	53	4.1
Dauphin	13,337	9.6	126	7.5	91	5.4
Delaware	28,745	10.1	213	6.6	164	5.1
Elk	1,912	12.6	9	ND	6	ND
Erie	15,069	11.1	98	6.9	65	4.6
Fayette	9,270	14.2	48	7.5	34	5.3
Forest	456	12.6	1	ND	0	ND
Franklin	8,410	10.9	48	5.5	34	3.9
Fulton	810	11.1	7	ND	4	ND
Greene	2,279	12.5	8	ND	3	ND
Huntingdon	2,527	11.2	19	10.0	15	7.9
Indiana	4,868	11.5	19	4.8	16	4.0
Jefferson	2,853	13.0	14	5.9	12	5.1
Juniata	1,350	11.0	10	7.0	9	ND
Lackawanna	13,636	12.9	62	5.9	44	4.2
Lancaster	26,653	9.8	188	5.4	136	3.9
Lawrence	6,227	14.4	27	6.2	17	3.9
Lebanon	7,956	11.3	38	4.8	26	3.3
Lehigh	17,830	9.7	129	6.1	89	4.2
Luzerne	21,208	13.3	103	6.3	61	3.8
Lycoming	6,690	11.7	43	7.2	30	5.0
McKean	2,643	12.9	13	7.0	9	ND
Mercer	7,606	13.7	36	6.7	24	4.5
Mifflin	2,995	13.0	28	9.9	12	4.2
Monroe	7,833	9.3	45	6.1	32	4.3
Montgomery	40,092	9.6	173	4.1	125	2.9
Montour	1,165	12.8	7	ND	6	ND
Northampton	15,822	10.4	60	4.3	45	3.2
Northumberland	6,247	13.6	30	6.6	23	5.0
Perry	2,386	10.4	13	5.1	9	ND
Philadelphia	75,396	9.5	795	7.7	568	5.5
Pike	2,722	9.7	8	ND	5	ND
Potter	1,080	13.0	4	ND	3	ND
Schuylkill	10,157	14.3	56	8.5	38	5.8
Snyder	1,893	9.4	6	ND	2	ND
Somerset	5,040	13.6	17	5.1	10	3.0
Sullivan	496	16.4	0	ND	0	ND
Susquehanna	2,530	12.6	10	5.5	4	ND
Tioga	2,391	11.7	13	6.4	10	4.9
Union	1,968	8.8	5	ND	5	ND
Venango	3,350	13.1	20	8.5	13	5.5
Warren	2,591	13.2	6	ND	2	ND
Washington	13,065	12.6	45	4.6	28	2.9
Wayne	3,210	12.6	7	ND	3	ND
Westmoreland	23,521	13.4	78	5.3	65	4.4
Wyoming	1,697	12.6	6	ND	3	ND
York	21,946	9.8	120	5.0	75	3.1

\* Crude death rate per 1,000 population for each county, 2016-2020. Infant and neonatal death rates per 1,000 live births for each county, 2016-2020.

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

Figure C-27

Resident Crude Death Rates by County  
Pennsylvania, 2020



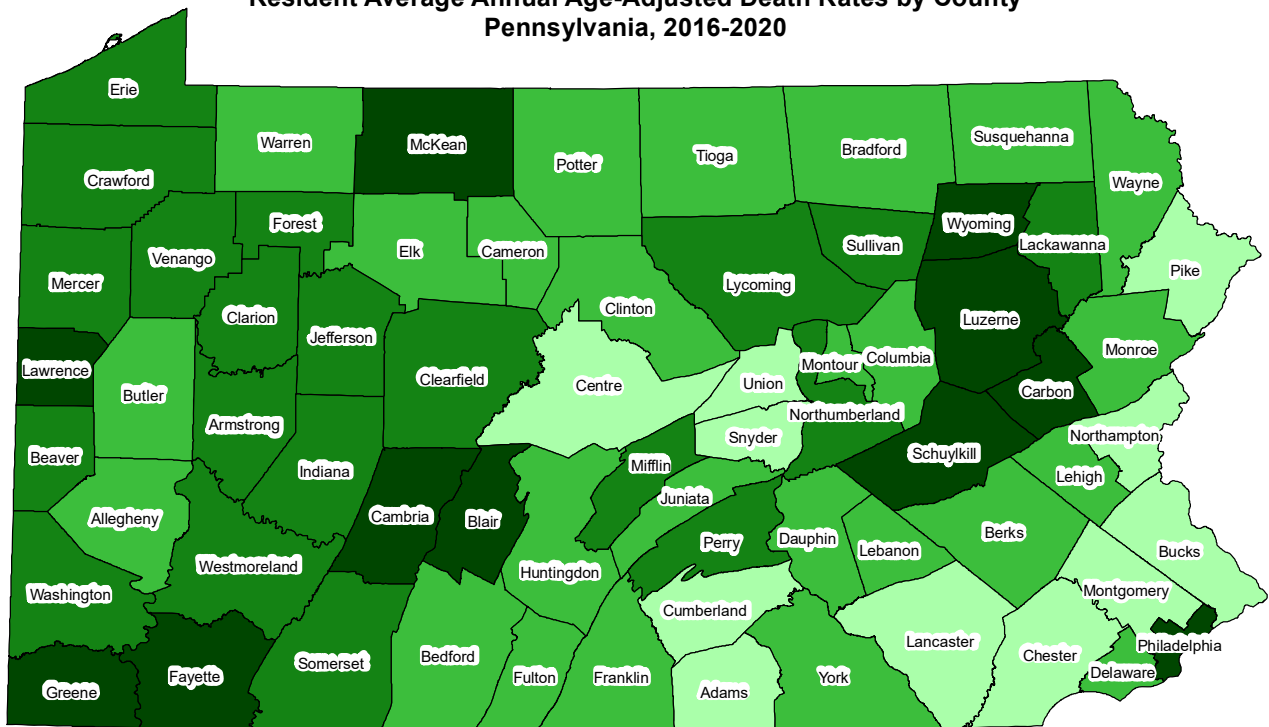
Rate



Note: Rate per 1,000 population, 2020. See Table C-24 for county rates.

Figure C-28

Resident Average Annual Age-Adjusted Death Rates by County  
Pennsylvania, 2016-2020



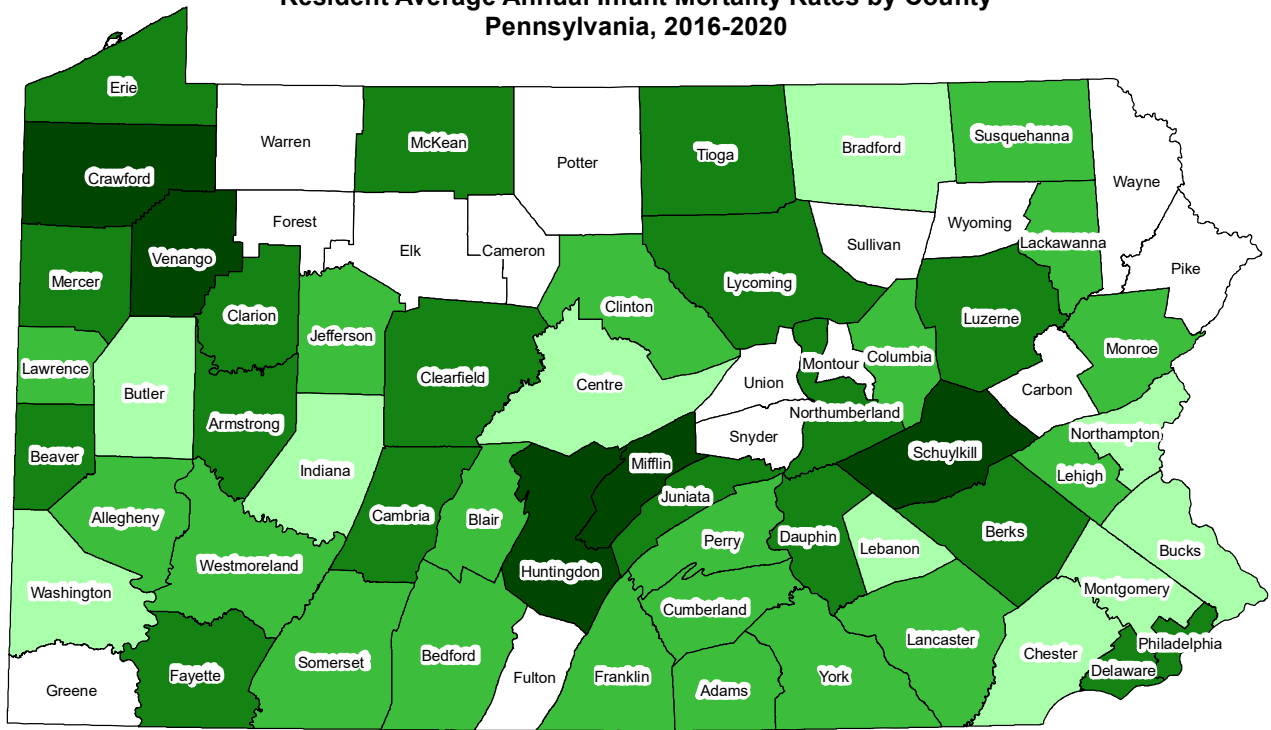
Rate



Note: Rate per 1,000 population, 2016-2020. See Table C-27 for county rates.

Figure C-29

Resident Average Annual Infant Mortality Rates by County  
Pennsylvania, 2016-2020



Rate

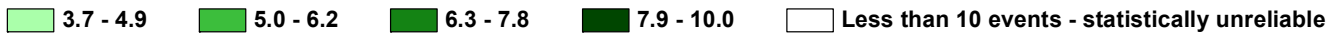
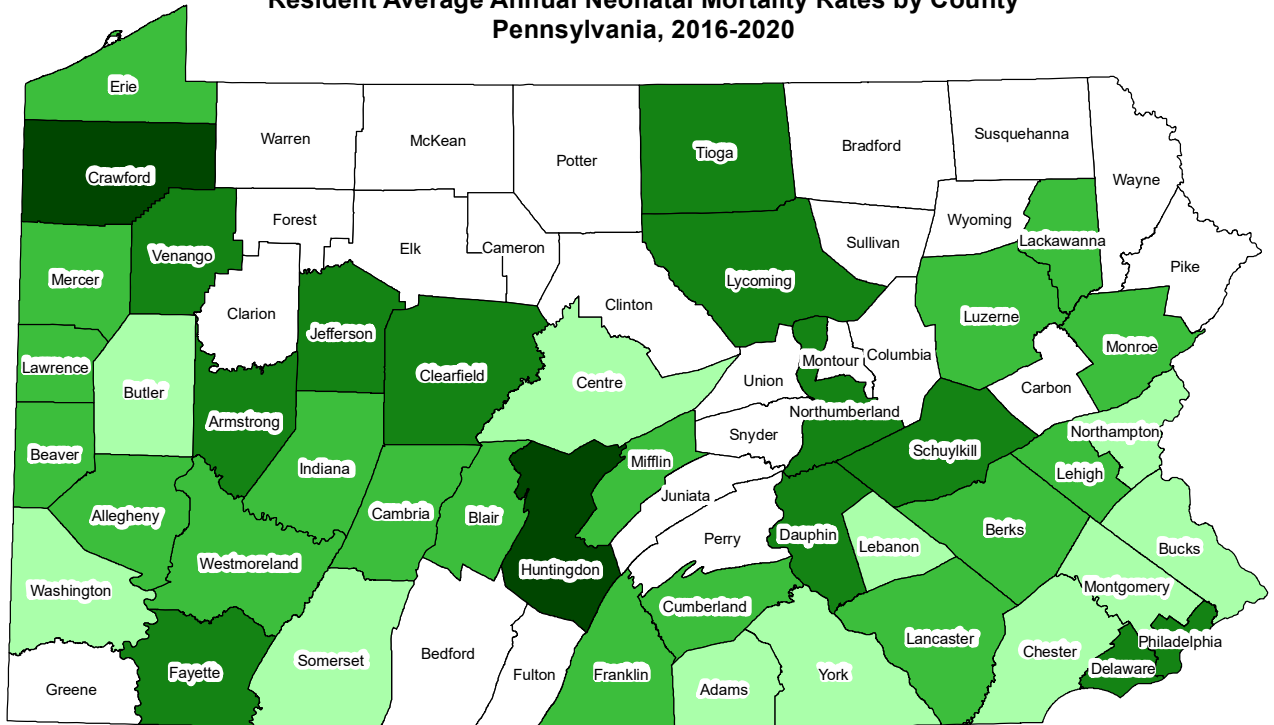
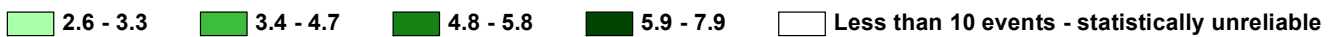


Figure C-30

Resident Average Annual Neonatal Mortality Rates by County  
Pennsylvania, 2016-2020



Rate



Note: Rate per 1,000 live births, 2016-2020. See Table C-25 for county rates.

Table C-26  
**Number of Deaths, Age-Adjusted Death Rates and 95% Confidence Intervals  
 By Sex and County, Pennsylvania Residents, 2020**

County	Total*			Male			Female		
	Number	Rate	CI (95%)	Number	Rate	CI (95%)	Number	Rate	CI (95%)
Pennsylvania	155,551	8.9	8.86-8.94	78,304	10.6	10.53-10.67	77,244	7.5	7.45-7.55
Adams	1,187	7.9	7.45-8.35	618	9.2	8.47-9.93	569	6.6	6.06-7.14
Allegheny	15,201	8.7	8.56-8.84	7,380	10.4	10.16-10.64	7,821	7.4	7.24-7.56
Armstrong	929	9.1	8.51-9.69	494	11.1	10.12-12.08	435	7.2	6.52-7.88
Beaver	2,470	9.6	9.22-9.98	1,257	11.8	11.15-12.45	1,213	7.8	7.36-8.24
Bedford	742	9.5	8.82-10.18	380	10.9	9.80-12.00	362	8.3	7.44-9.16
Berks	4,618	8.3	8.06-8.54	2,360	9.9	9.50-10.30	2,258	7.0	6.71-7.29
Blair	1,903	10.4	9.93-10.87	943	12.4	11.61-13.19	960	8.6	8.06-9.14
Bradford	722	8.0	7.42-8.58	365	8.8	7.90-9.70	357	7.2	6.45-7.95
Bucks	7,180	8.0	7.81-8.19	3,580	9.3	9.00-9.60	3,600	6.8	6.58-7.02
Butler	2,321	8.6	8.25-8.95	1,176	10.3	9.71-10.89	1,145	7.2	6.78-7.62
Cambria	2,169	10.3	9.87-10.73	1,065	12.2	11.47-12.93	1,104	8.7	8.19-9.21
Cameron	68	8.2	6.25-10.15	33	9.8	6.46-13.14	35	7.1	4.75-9.45
Carbon	972	10.4	9.75-11.05	509	12.2	11.14-13.26	463	8.7	7.91-9.49
Centre	1,226	7.0	6.61-7.39	580	7.5	6.89-8.11	646	6.5	6.00-7.00
Chester	4,678	7.2	6.99-7.41	2,330	8.4	8.06-8.74	2,348	6.2	5.95-6.45
Clarion	524	9.9	9.05-10.75	267	11.1	9.77-12.43	257	8.8	7.72-9.88
Clearfield	1,018	8.6	8.07-9.13	509	9.8	8.95-10.65	509	7.7	7.03-8.37
Clinton	434	8.5	7.70-9.30	207	9.2	7.95-10.45	227	7.7	6.70-8.70
Columbia	786	8.7	8.09-9.31	419	10.8	9.77-11.83	367	7.0	6.28-7.72
Crawford	1,109	9.3	8.75-9.85	560	10.3	9.45-11.15	549	8.3	7.61-8.99
Cumberland	2,775	7.8	7.51-8.09	1,340	9.0	8.52-9.48	1,435	6.8	6.45-7.15
Dauphin	3,033	8.6	8.29-8.91	1,538	10.3	9.79-10.81	1,495	7.2	6.84-7.56
Delaware	6,586	9.1	8.88-9.32	3,192	10.7	10.33-11.07	3,392	7.7	7.44-7.96
Elk	379	7.7	6.92-8.48	185	8.5	7.28-9.72	194	6.9	5.93-7.87
Erie	3,294	9.2	8.89-9.51	1,676	10.9	10.38-11.42	1,618	7.8	7.42-8.18
Fayette	1,997	10.6	10.14-11.06	1,077	13.2	12.41-13.99	920	8.4	7.86-8.94
Forest	101	9.3	7.49-11.11	60	10.6	7.92-13.28	41	7.4	5.13-9.67
Franklin	1,984	8.8	8.41-9.19	1,012	10.5	9.85-11.15	972	7.4	6.93-7.87
Fulton	185	8.9	7.62-10.18	93	9.2	7.33-11.07	92	8.7	6.92-10.48
Greene	491	10.2	9.30-11.10	253	12.0	10.52-13.48	238	8.7	7.59-9.81
Huntingdon	571	8.9	8.17-9.63	302	10.1	8.96-11.24	269	7.7	6.78-8.62
Indiana	1,114	10.0	9.41-10.59	592	12.3	11.31-13.29	521	8.2	7.50-8.90
Jefferson	623	9.2	8.48-9.92	294	10.0	8.86-11.14	329	8.4	7.49-9.31
Juniata	334	9.5	8.48-10.52	170	10.9	9.26-12.54	164	8.1	6.86-9.34
Lackawanna	2,970	9.5	9.16-9.84	1,449	11.4	10.81-11.99	1,521	7.9	7.50-8.30
Lancaster	6,071	8.0	7.80-8.20	3,028	9.3	8.97-9.63	3,043	6.9	6.65-7.15
Lawrence	1,420	10.5	9.95-11.05	707	12.7	11.76-13.64	713	8.7	8.06-9.34
Lebanon	1,813	8.9	8.49-9.31	951	11.0	10.30-11.70	862	7.2	6.72-7.68
Lehigh	4,018	8.6	8.33-8.87	1,988	10.2	9.75-10.65	2,030	7.3	6.98-7.62
Luzerne	4,741	10.3	10.01-10.59	2,393	12.4	11.90-12.90	2,348	8.5	8.16-8.84
Lycoming	1,484	9.2	8.73-9.67	757	11.1	10.31-11.89	727	7.8	7.23-8.37
McKean	532	9.2	8.42-9.98	255	10.1	8.86-11.34	277	8.3	7.32-9.28
Mercer	1,706	9.7	9.24-10.16	853	11.6	10.82-12.38	853	8.3	7.74-8.86
Mifflin	736	10.3	9.56-11.04	387	12.9	11.61-14.19	349	8.2	7.34-9.06
Monroe	1,814	9.0	8.59-9.41	997	10.6	9.94-11.26	817	7.5	6.99-8.01
Montgomery	9,040	7.7	7.54-7.86	4,391	9.1	8.83-9.37	4,649	6.5	6.31-6.69
Montour	257	8.7	7.64-9.76	112	10.1	8.23-11.97	145	7.8	6.53-9.07
Northampton	3,576	7.9	7.64-8.16	1,766	9.4	8.96-9.84	1,810	6.8	6.49-7.11
Northumberland	1,469	10.5	9.96-11.04	730	12.2	11.31-13.09	739	8.9	8.26-9.54
Perry	534	9.2	8.42-9.98	285	11.5	10.16-12.84	249	7.7	6.74-8.66
Philadelphia	18,089	10.6	10.45-10.75	9,451	13.4	13.13-13.67	8,638	8.5	8.32-8.68
Pike	616	6.9	6.36-7.44	348	8.1	7.25-8.95	268	5.8	5.11-6.49
Potter	224	8.1	7.04-9.16	106	8.8	7.12-10.48	118	7.6	6.23-8.97
Schuylkill	2,286	11.0	10.55-11.45	1,172	13.2	12.44-13.96	1,114	9.1	8.57-9.63
Snyder	417	7.3	6.60-8.00	215	8.7	7.54-9.86	202	6.3	5.43-7.17
Somerset	1,110	9.3	8.75-9.85	578	11.0	10.10-11.90	532	7.6	6.95-8.25
Sullivan	104	10.2	8.24-12.16	64	14.0	10.57-17.43	40	7.0	4.83-9.17
Susquehanna	555	9.0	8.25-9.75	279	10.0	8.83-11.17	276	8.1	7.14-9.06
Tioga	521	8.5	7.77-9.23	254	8.9	7.81-9.99	267	8.0	7.04-8.96
Union	478	7.7	7.01-8.39	240	9.5	8.30-10.70	238	6.2	5.41-6.99
Venango	753	9.4	8.73-10.07	390	11.3	10.18-12.42	363	7.8	7.00-8.60
Warren	580	9.2	8.45-9.95	287	10.1	8.93-11.27	293	8.4	7.44-9.36
Washington	2,779	9.2	8.86-9.54	1,394	10.7	10.14-11.26	1,385	7.8	7.39-8.21
Wayne	707	8.6	7.97-9.23	399	10.3	9.29-11.31	308	7.0	6.22-7.78
Westmoreland	5,083	8.9	8.66-9.14	2,507	10.5	10.09-10.91	2,576	7.5	7.21-7.79
Wyoming	337	9.0	8.04-9.96	188	10.9	9.34-12.46	149	7.4	6.21-8.59
York	5,007	8.6	8.36-8.84	2,567	10.1	9.71-10.49	2,440	7.3	7.01-7.59

\*Total includes any unknown sex.

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

Rates are per 1,000. Unknowns excluded from calculations.

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

Table C-27

**Number of Deaths, Average Annual Age-Adjusted Death Rates and 95% Confidence Intervals  
By Sex and County, Pennsylvania Residents, 2016-2020**

County	Total*			Male			Female		
	Number	Rate	CI (95%)	Number	Rate	CI (95%)	Number	Rate	CI (95%)
Pennsylvania	692,429	7.9	7.88-7.92	345,871	9.4	9.37-9.43	346,552	6.6	6.58-6.62
Adams	5,447	7.2	7.01-7.39	2,791	8.5	8.18-8.82	2,656	6.2	5.96-6.44
Allegheny	70,569	8.0	7.94-8.06	34,487	9.7	9.60-9.80	36,082	6.7	6.63-6.77
Armstrong	4,367	8.5	8.25-8.75	2,282	10.3	9.88-10.72	2,085	7.0	6.70-7.30
Beaver	11,275	8.6	8.44-8.76	5,630	10.5	10.23-10.77	5,645	7.1	6.91-7.29
Bedford	3,092	7.9	7.62-8.18	1,628	9.5	9.04-9.96	1,464	6.5	6.17-6.83
Berks	20,721	7.5	7.40-7.60	10,483	8.9	8.73-9.07	10,238	6.3	6.18-6.42
Blair	8,333	8.8	8.61-8.99	4,158	10.9	10.57-11.23	4,175	7.2	6.98-7.42
Bradford	3,517	7.8	7.54-8.06	1,814	8.8	8.40-9.20	1,703	6.8	6.48-7.12
Bucks	31,822	7.2	7.12-7.28	15,795	8.4	8.27-8.53	16,027	6.1	6.01-6.19
Butler	10,502	7.8	7.65-7.95	5,131	9.1	8.85-9.35	5,371	6.7	6.52-6.88
Cambria	9,731	9.1	8.92-9.28	4,801	11.0	10.69-11.31	4,930	7.6	7.39-7.81
Cameron	323	7.4	6.59-8.21	160	8.8	7.44-10.16	163	6.4	5.42-7.38
Carbon	4,146	8.8	8.53-9.07	2,142	10.5	10.06-10.94	2,004	7.3	6.98-7.62
Centre	5,210	5.9	5.74-6.06	2,536	6.6	6.34-6.86	2,674	5.3	5.10-5.50
Chester	20,896	6.5	6.41-6.59	10,382	7.5	7.36-7.64	10,514	5.5	5.39-5.61
Clarion	2,239	8.3	7.96-8.64	1,123	9.4	8.85-9.95	1,116	7.3	6.87-7.73
Clearfield	4,945	8.2	7.97-8.43	2,434	9.3	8.93-9.67	2,511	7.2	6.92-7.48
Clinton	2,130	8.0	7.66-8.34	1,065	9.1	8.55-9.65	1,065	6.9	6.49-7.31
Columbia	3,622	7.9	7.64-8.16	1,843	9.5	9.07-9.93	1,779	6.5	6.20-6.80
Crawford	5,151	8.6	8.37-8.83	2,604	9.8	9.42-10.18	2,547	7.6	7.30-7.90
Cumberland	12,463	7.1	6.98-7.22	6,096	8.3	8.09-8.51	6,367	6.1	5.95-6.25
Dauphin	13,337	7.7	7.57-7.83	6,704	9.2	8.98-9.42	6,633	6.5	6.34-6.66
Delaware	28,745	7.8	7.71-7.89	13,861	9.3	9.15-9.45	14,881	6.6	6.49-6.71
Elk	1,912	7.8	7.45-8.15	985	9.4	8.81-9.99	927	6.4	5.99-6.81
Erie	15,069	8.3	8.17-8.43	7,554	9.8	9.58-10.02	7,515	7.0	6.84-7.16
Fayette	9,270	9.5	9.31-9.69	4,700	11.3	10.98-11.62	4,570	7.9	7.67-8.13
Forest	456	8.3	7.54-9.06	257	8.6	7.55-9.65	199	8.3	7.15-9.45
Franklin	8,410	7.5	7.34-7.66	4,291	9.0	8.73-9.27	4,119	6.3	6.11-6.49
Fulton	810	7.8	7.26-8.34	432	8.7	7.88-9.52	378	6.9	6.20-7.60
Greene	2,279	9.3	8.92-9.68	1,164	10.6	9.99-11.21	1,115	8.2	7.72-8.68
Huntingdon	2,527	7.7	7.40-8.00	1,286	8.7	8.22-9.18	1,241	6.8	6.42-7.18
Indiana	4,868	8.4	8.16-8.64	2,474	10.0	9.61-10.39	2,393	7.0	6.72-7.28
Jefferson	2,853	8.4	8.09-8.71	1,419	9.8	9.29-10.31	1,434	7.3	6.92-7.68
Juniata	1,350	7.4	7.01-7.79	698	8.6	7.96-9.24	652	6.2	5.72-6.68
Lackawanna	13,636	8.7	8.55-8.85	6,642	10.5	10.25-10.75	6,994	7.2	7.03-7.37
Lancaster	26,653	7.0	6.92-7.08	13,227	8.2	8.06-8.34	13,426	6.0	5.90-6.10
Lawrence	6,227	9.0	8.78-9.22	3,059	10.8	10.42-11.18	3,168	7.5	7.24-7.76
Lebanon	7,956	7.7	7.53-7.87	4,003	9.3	9.01-9.59	3,953	6.4	6.20-6.60
Lehigh	17,830	7.5	7.39-7.61	8,733	8.9	8.71-9.09	9,097	6.3	6.17-6.43
Luzerne	21,208	9.0	8.88-9.12	10,481	10.9	10.69-11.11	10,727	7.5	7.36-7.64
Lycoming	6,690	8.2	8.00-8.40	3,355	9.7	9.37-10.03	3,335	6.9	6.67-7.13
McKean	2,643	8.8	8.46-9.14	1,327	10.2	9.65-10.75	1,316	7.7	7.28-8.12
Mercer	7,606	8.5	8.31-8.69	3,848	10.3	9.97-10.63	3,758	7.1	6.87-7.33
Mifflin	2,995	8.3	8.00-8.60	1,523	9.9	9.40-10.40	1,472	7.0	6.64-7.36
Monroe	7,833	7.7	7.53-7.87	4,177	9.0	8.73-9.27	3,656	6.6	6.39-6.81
Montgomery	40,092	6.8	6.73-6.87	19,351	8.1	7.99-8.21	20,741	5.8	5.72-5.88
Montour	1,165	7.7	7.26-8.14	552	9.8	8.98-10.62	613	6.3	5.80-6.80
Northampton	15,822	7.1	6.99-7.21	7,789	8.4	8.21-8.59	8,033	6.0	5.87-6.13
Northumberland	6,247	8.7	8.48-8.92	3,077	10.2	9.84-10.56	3,170	7.4	7.14-7.66
Perry	2,386	8.4	8.06-8.74	1,247	10.0	9.44-10.56	1,139	7.0	6.59-7.41
Philadelphia	75,396	8.9	8.84-8.96	38,479	11.1	10.99-11.21	36,915	7.2	7.13-7.27
Pike	2,722	6.5	6.26-6.74	1,524	7.6	7.22-7.98	1,198	5.4	5.09-5.71
Potter	1,080	7.8	7.33-8.27	579	9.5	8.73-10.27	501	6.4	5.84-6.96
Schuylkill	10,157	9.6	9.41-9.79	5,176	11.4	11.09-11.71	4,981	8.0	7.78-8.22
Snyder	1,893	6.7	6.40-7.00	959	8.0	7.49-8.51	934	5.6	5.24-5.96
Somerset	5,040	8.3	8.07-8.53	2,600	9.8	9.42-10.18	2,440	6.9	6.63-7.17
Sullivan	496	8.7	7.93-9.47	292	11.1	9.83-12.37	204	6.7	5.78-7.62
Susquehanna	2,530	7.9	7.59-8.21	1,318	9.1	8.61-9.59	1,212	6.7	6.32-7.08
Tioga	2,391	7.7	7.39-8.01	1,230	8.6	8.12-9.08	1,161	6.8	6.41-7.19
Union	1,968	6.1	5.83-6.37	957	7.2	6.74-7.66	1,011	5.3	4.97-5.63
Venango	3,350	8.2	7.92-8.48	1,721	9.9	9.43-10.37	1,629	6.8	6.47-7.13
Warren	2,591	7.9	7.60-8.20	1,347	9.2	8.71-9.69	1,244	6.8	6.42-7.18
Washington	13,065	8.5	8.35-8.65	6,568	10.2	9.95-10.45	6,497	7.1	6.93-7.27
Wayne	3,210	8.0	7.72-8.28	1,716	9.2	8.76-9.64	1,494	6.9	6.55-7.25
Westmoreland	23,521	8.2	8.10-8.30	11,620	9.8	9.62-9.98	11,901	6.9	6.78-7.02
Wyoming	1,697	8.9	8.48-9.32	884	10.3	9.62-10.98	813	7.7	7.17-8.23
York	21,946	7.6	7.50-7.70	11,300	9.1	8.93-9.27	10,646	6.4	6.28-6.52

\*Total includes any unknown sex.

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

Rates are per 1,000. Unknowns excluded from calculations.

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

Table C-28

**Number of Deaths, Average Annual Age-Adjusted Premature Mortality Rates and 95% Confidence Intervals  
By Sex and County, Pennsylvania Residents <75 Years, 2016-2020**

County	Total*			Male			Female		
	Number	Rate	CI (95%)	Number	Rate	CI (95%)	Number	Rate	CI (95%)
Pennsylvania	283,261	362.5	361.2-363.8	171,278	455.8	453.6-458.0	111,979	273.3	271.7-274.9
Adams	2,028	299.2	286.2-312.2	1,238	375.1	354.2-396.0	790	225.7	210.0-241.4
Allegheny	28,160	374.5	370.1-378.9	16,930	476.1	468.9-483.3	11,230	279.8	274.6-285.0
Armstrong	1,823	417.3	398.1-436.5	1,130	521.7	491.3-552.1	693	310.9	287.8-334.1
Beaver	4,577	419.2	407.1-431.3	2,749	527.3	507.6-547.0	1,828	315.7	301.2-330.2
Bedford	1,189	374.0	352.7-395.3	721	463.9	430.0-497.8	468	282.7	257.1-308.3
Berks	8,127	326.7	319.6-333.8	4,988	413.0	401.5-424.5	3,139	243.0	234.5-251.5
Blair	3,228	407.1	393.1-421.1	1,975	517.1	494.3-539.9	1,253	301.5	284.8-318.2
Bradford	1,443	361.8	343.1-380.5	865	441.3	411.9-470.7	578	283.1	260.0-306.2
Bucks	11,855	296.1	290.8-301.4	7,237	374.8	366.2-383.4	4,618	220.0	213.7-226.4
Butler	3,892	323.6	313.4-333.8	2,341	398.1	382.0-414.2	1,551	249.6	237.2-262.0
Cambria	3,890	452.8	438.6-467.0	2,378	565.9	543.2-588.7	1,512	340.1	323.0-357.2
Cameron	123	346.6	285.4-407.9	70	386.6	296.0-477.2	53	305.6	223.3-387.9
Carbon	1,779	415.6	396.3-434.9	1,093	518.9	488.1-549.7	686	310.4	287.2-333.6
Centre	1,778	212.1	202.2-222.0	1,079	252.0	237.0-267.0	699	170.6	158.0-183.3
Chester	7,519	240.9	235.5-246.4	4,568	303.7	294.9-312.5	2,951	180.3	173.8-186.8
Clarion	891	373.8	349.3-398.3	523	442.3	404.4-480.2	368	306.7	275.4-338.0
Clearfield	1,886	363.6	347.2-380.0	1,137	425.5	400.8-450.2	749	297.0	275.7-318.3
Clinton	823	350.4	326.5-374.3	487	428.9	390.8-467.0	336	273.2	244.0-302.4
Columbia	1,502	368.9	350.2-387.6	907	466.4	436.1-496.8	595	275.4	253.3-297.5
Crawford	2,187	388.2	371.9-404.5	1,264	465.4	439.7-491.1	923	315.0	294.7-335.3
Cumberland	4,508	290.4	281.9-298.9	2,694	356.6	343.1-370.1	1,814	226.4	216.0-236.8
Dauphin	6,052	364.5	355.3-373.7	3,608	454.5	439.7-469.3	2,444	281.4	270.2-292.6
Delaware	11,797	361.2	354.7-367.7	7,035	460.0	449.3-470.8	4,760	270.7	263.0-278.4
Elk	730	361.6	335.4-387.8	463	456.6	415.0-498.2	267	262.9	231.4-294.4
Erie	6,427	386.6	377.2-396.1	3,871	480.0	464.9-495.1	2,556	295.6	284.1-307.1
Fayette	4,126	483.0	468.3-497.7	2,518	602.5	579.0-626.0	1,608	363.5	345.7-381.3
Forest	201	372.3	320.8-423.8	131	421.5	349.3-493.7	70	349.8	267.9-431.8
Franklin	3,247	337.2	325.6-348.8	1,937	419.1	400.4-437.8	1,310	259.0	245.0-273.0
Fulton	331	341.5	304.7-378.3	192	390.2	335.0-445.4	139	291.6	243.1-340.1
Greene	1,074	448.2	421.4-475.0	633	511.3	471.5-551.1	441	383.0	347.3-418.8
Huntingdon	1,006	344.6	323.3-365.9	612	397.9	366.4-429.4	394	286.6	258.3-314.9
Indiana	1,945	387.1	369.9-404.3	1,202	475.3	448.4-502.2	743	297.5	276.1-318.9
Jefferson	1,100	377.8	355.5-400.1	661	456.7	421.9-491.5	439	298.5	270.6-326.4
Juniaata	522	337.5	308.6-366.5	337	427.6	382.0-473.3	185	244.3	209.1-279.5
Lackawanna	5,481	416.3	405.3-427.3	3,324	524.7	506.9-542.5	2,157	313.4	300.2-326.6
Lancaster	9,315	293.7	287.7-299.7	5,583	365.9	356.3-375.5	3,732	225.1	217.9-232.3
Lawrence	2,458	447.9	430.2-465.6	1,460	562.9	534.0-591.8	998	337.8	316.8-358.8
Lebanon	2,961	343.7	331.3-356.1	1,812	434.5	414.5-454.5	1,149	255.5	240.7-270.3
Lehigh	6,734	315.6	308.1-323.1	4,073	396.2	384.0-408.4	2,661	239.9	230.8-249.0
Luzerne	8,856	443.9	434.7-453.2	5,358	550.2	535.5-564.9	3,498	338.7	327.5-349.9
Lycoming	2,649	369.1	355.0-383.2	1,578	449.5	427.3-471.7	1,071	291.7	274.2-309.2
McKean	1,097	410.8	386.5-435.1	646	481.6	444.5-518.7	451	336.1	305.1-367.1
Mercer	2,942	411.2	396.3-426.1	1,793	509.1	485.5-532.7	1,149	315.8	297.5-334.1
Mifflin	1,143	391.3	368.6-414.0	667	461.4	426.4-496.4	476	325.7	296.4-355.0
Monroe	3,830	359.8	348.4-371.2	2,382	453.2	435.0-471.4	1,448	268.4	254.6-282.2
Montgomery	13,789	271.7	267.2-276.2	8,323	344.2	336.8-351.6	5,466	203.9	198.5-209.3
Montour	422	362.0	327.5-396.5	240	436.4	381.2-491.6	182	291.4	249.1-333.7
Northampton	5,788	302.7	294.9-310.5	3,488	378.6	366.0-391.2	2,300	230.1	220.7-239.5
Northumberland	2,532	422.4	406.0-438.9	1,547	522.2	496.2-548.2	985	321.4	301.3-341.5
Perry	1,110	374.7	352.7-396.7	666	447.8	413.8-481.8	444	298.9	271.1-326.7
Philadelphia	40,727	493.1	488.3-497.9	24,538	651.2	643.1-659.4	16,187	357.4	351.9-362.9
Pike	1,286	326.1	308.3-343.9	806	406.7	378.6-434.8	480	244.1	222.3-265.9
Potter	450	381.6	346.3-416.9	271	459.3	404.6-514.0	179	302.9	258.5-347.3
Schuylkill	4,298	469.1	455.1-483.1	2,661	574.7	552.9-596.5	1,637	358.5	341.1-375.9
Snyder	697	277.0	256.4-297.6	415	335.3	303.0-367.6	282	219.5	193.9-245.1
Somerset	1,937	382.3	365.3-399.3	1,222	464.0	438.0-490.0	715	292.5	271.1-313.9
Sullivan	212	439.1	380.0-498.2	141	556.3	464.5-648.1	71	313.8	240.8-386.8
Susquehanna	1,026	352.0	330.5-373.5	639	436.3	402.5-470.1	387	265.8	239.3-292.3
Tioga	924	342.6	320.5-364.7	556	416.9	382.3-451.6	368	269.4	241.9-296.9
Union	618	237.2	218.5-255.9	376	278.7	250.5-306.9	242	192.9	168.6-217.2
Venango	1,443	403.1	382.3-423.9	876	500.5	467.4-533.6	567	306.0	280.8-331.2
Warren	977	345.6	323.9-367.3	589	418.1	384.3-451.9	388	272.7	245.6-299.8
Washington	5,460	403.1	392.4-413.8	3,310	503.5	486.4-520.7	2,150	305.0	292.1-317.9
Wayne	1,335	360.7	341.4-380.1	847	439.4	409.8-469.0	488	271.9	247.8-296.0
Westmoreland	8,896	374.8	367.0-382.6	5,418	472.3	459.7-484.9	3,478	280.1	270.8-289.4
Wyoming	775	429.0	398.8-459.2	476	522.6	475.7-569.6	299	334.5	296.6-372.4
York	9,327	341.1	334.2-348.0	5,623	427.1	415.9-438.3	3,704	257.3	249.0-265.6

\*Total includes any unknown sex.

Notes: Age-adjusted rates are per 100,000 and are computed by the direct method using the 2000 U.S. standard million population.

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

See Technical Notes for further explanation, as well as a definition of Premature Mortality Rates (PMR).

Table C-29  
**Average Annual Age-Adjusted Death Rates\* and 95% Confidence Intervals for Selected Causes of Death  
 by County, Pennsylvania Residents, 2016-2020**

County	Diseases of Heart		Cancer (Malignant Neoplasms)		Cerebrovascular Disease		Chronic Lower Respiratory Disease		Accidents	
	Rate	CI (95%)	Rate	CI (95%)	Rate	CI (95%)	Rate	CI (95%)	Rate	CI (95%)
Pennsylvania	176.2	175.3-177.1	157.8	157.0-158.6	36.3	35.9-36.7	35.3	34.9-35.7	64.4	63.8-65.0
Adams	179.5	170.2-188.9	144.5	136.0-153.0	29.4	25.6-33.2	31.6	27.7-35.5	51.9	46.0-57.8
Allegheny	187.9	185.1-190.7	159.4	156.8-162.0	34.3	33.1-35.5	37.4	36.1-38.7	74.8	72.7-76.9
Armstrong	180.7	169.5-191.9	159.3	148.7-169.9	35.9	30.9-40.9	42.6	37.2-48.1	90.5	80.4-100.6
Beaver	195.5	188.1-202.9	157.7	151.0-164.4	38.0	34.8-41.2	41.6	38.2-45.0	76.1	70.3-81.9
Bedford	176.9	164.2-189.7	149.7	137.8-161.6	41.3	35.2-47.4	32.0	26.6-37.4	70.4	60.3-80.5
Berks	173.4	168.6-178.2	154.8	150.2-159.4	43.8	41.4-46.2	30.4	28.4-32.4	53.3	50.3-56.3
Blair	211.6	202.6-220.6	158.7	150.7-166.7	34.2	30.6-37.8	38.2	34.4-42.1	65.6	59.4-71.8
Bradford	183.2	171.1-195.4	155.6	144.2-167.0	26.7	22.1-31.3	47.6	41.5-53.7	60.3	51.9-68.7
Bucks	137.2	133.9-140.6	144.8	141.3-148.3	33.4	31.7-35.1	31.6	30.0-33.2	61.6	58.9-64.3
Butler	171.5	164.6-178.4	155.1	148.5-161.7	37.6	34.4-40.8	40.4	37.1-43.8	66.5	61.4-71.6
Cambria	189.0	181.1-196.9	167.8	160.2-175.4	36.1	32.6-39.6	39.8	36.2-43.5	102.9	95.3-110.5
Cameron	176.6	137.4-215.8	158.3	121.0-195.7	ND	ND	ND	ND	ND	ND
Carbon	180.4	168.6-192.2	161.2	150.1-172.3	34.1	28.9-39.3	36.9	31.6-42.2	89.7	79.4-100.0
Centre	150.7	142.7-158.8	121.8	114.5-129.1	31.9	28.2-35.6	24.7	21.4-28.0	31.7	27.9-35.6
Chester	146.9	142.8-151.0	134.8	130.8-138.8	36.6	34.5-38.7	29.0	27.2-30.9	46.2	43.6-48.8
Clarion	196.3	179.9-212.7	171.5	156.2-186.8	39.5	32.1-46.9	39.1	31.9-46.3	54.4	44.1-64.7
Clearfield	185.4	174.8-196.0	166.8	156.6-177.0	31.5	27.2-35.8	41.2	36.2-46.2	56.3	49.4-63.2
Clinton	212.8	195.6-230.0	155.5	140.7-170.4	27.3	21.2-33.4	45.0	37.2-52.8	46.2	37.2-55.2
Columbia	181.7	169.7-193.7	156.4	145.2-167.7	31.2	26.3-36.1	41.4	35.6-47.2	53.6	45.9-61.3
Crawford	192.2	181.3-203.1	167.5	157.4-177.6	43.8	38.6-49.0	46.5	41.2-51.8	66.5	58.9-74.1
Cumberland	176.3	170.2-182.4	142.4	136.8-148.0	33.0	30.4-35.6	33.5	30.8-36.2	44.4	40.9-47.9
Dauphin	176.9	170.7-183.1	152.3	146.6-158.0	30.8	28.2-33.4	31.6	29.0-34.2	62.1	58.0-66.2
Delaware	168.9	164.8-173.0	157.4	153.3-161.5	43.0	40.9-45.1	35.8	33.9-37.7	58.1	55.4-60.8
Elk	162.9	147.4-178.4	168.6	152.8-184.4	23.8	17.9-29.7	40.1	32.3-47.9	85.5	71.7-99.3
Erie	163.6	157.8-169.4	166.7	160.8-172.6	35.2	32.5-37.9	41.9	39.0-44.8	56.3	52.4-60.2
Fayette	235.6	226.3-244.9	180.6	172.3-188.9	30.5	27.1-33.9	53.1	48.7-57.5	90.0	82.9-97.2
Forest	181.8	146.9-216.7	158.5	125.4-191.6	ND	ND	62.0	41.8-82.3	39.6	23.4-55.8
Franklin	162.0	154.7-169.3	157.9	150.6-165.2	30.4	27.3-33.5	31.9	28.7-35.1	44.7	40.2-49.2
Fulton	185.8	160.1-211.5	171.5	147.5-195.5	41.6	29.6-53.6	28.8	18.8-38.8	69.3	50.5-88.1
Greene	235.5	216.6-254.5	179.7	163.3-196.1	38.2	30.7-45.7	64.4	54.7-74.1	71.0	59.0-83.0
Huntingdon	159.5	146.1-172.9	157.4	144.0-170.8	39.6	32.9-46.3	41.0	34.3-47.7	55.0	45.6-64.4
Indiana	177.3	166.7-187.9	142.5	133.0-152.0	36.5	31.7-41.3	29.5	25.2-33.8	91.9	82.8-101.0
Jefferson	179.1	165.2-193.0	167.6	153.8-181.4	44.7	37.7-51.7	38.1	31.7-44.5	63.0	53.1-72.9

(Continued)



Table C-29  
**Average Annual Age-Adjusted Death Rates\* and 95% Confidence Intervals for Selected Causes of Death  
 by County, Pennsylvania Residents, 2016-2020**

County	Diseases of Heart		Cancer (Malignant Neoplasms)		Cerebrovascular Disease		Chronic Lower Respiratory Disease		Accidents	
	Rate	CI (95%)	Rate	CI (95%)	Rate	CI (95%)	Rate	CI (95%)	Rate	CI (95%)
Juniata	173.0	154.3-191.8	153.6	135.9-171.3	30.6	22.8-38.4	36.2	27.5-44.9	50.4	38.3-62.5
Lackawanna	216.7	209.7-223.7	171.7	165.2-178.2	31.8	29.1-34.5	41.4	38.3-44.5	69.2	64.3-74.1
Lancaster	150.6	146.8-154.4	145.9	142.0-149.8	40.1	38.2-42.0	31.2	29.4-33.0	53.9	51.2-56.6
Lawrence	210.0	199.6-220.4	169.2	159.6-178.8	31.9	27.9-35.9	41.5	36.8-46.2	87.9	79.1-96.8
Lebanon	187.2	179.0-195.4	157.4	149.7-165.1	38.5	34.8-42.2	35.2	31.7-38.7	51.4	46.2-56.6
Lehigh	150.1	145.3-154.9	149.3	144.4-154.2	31.3	29.1-33.5	27.2	25.1-29.3	59.4	56.1-62.7
Luzerne	200.9	195.4-206.4	164.4	159.3-169.6	32.3	30.1-34.5	39.9	37.4-42.4	76.7	72.5-80.9
Lycoming	160.1	151.6-168.6	171.9	163.0-180.8	33.3	29.4-37.2	45.1	40.6-49.6	48.3	42.9-53.7
McKean	205.8	189.9-221.7	166.2	151.6-180.8	30.2	24.1-36.3	57.8	49.4-66.2	48.1	39.1-57.1
Mercer	200.6	191.6-209.6	165.0	156.6-173.4	31.4	27.9-34.9	42.0	37.8-46.2	71.4	64.7-78.1
Mifflin	168.5	155.6-181.5	172.9	159.6-186.3	32.4	26.8-38.0	42.9	36.4-49.4	59.9	50.3-69.5
Monroe	179.9	171.7-188.1	159.5	152.1-167.0	29.2	25.9-32.5	33.5	30.0-37.0	69.1	63.5-74.7
Montgomery	148.0	145.0-151.0	142.6	139.5-145.7	43.9	42.3-45.5	26.8	25.5-28.1	46.8	44.8-48.8
Montour	125.1	108.0-142.2	151.7	131.7-171.8	30.2	22.0-38.4	38.9	29.1-48.7	63.5	49.8-77.2
Northampton	150.2	145.3-155.1	155.3	150.1-160.5	25.7	23.7-27.7	28.9	26.7-31.1	55.0	51.5-58.5
Northumberland	204.3	194.1-214.5	174.6	165.0-184.2	30.6	26.7-34.5	41.7	37.1-46.3	73.3	65.9-80.7
Perry	175.9	160.8-191.1	178.2	163.3-193.1	31.4	25.0-37.9	47.0	39.2-54.8	76.7	65.2-88.2
Philadelphia	207.9	204.8-211.0	176.4	173.6-179.2	43.0	41.6-44.4	33.4	32.2-34.6	82.9	80.9-84.9
Pike	148.0	136.6-159.4	133.5	123.0-144.0	24.7	20.1-29.3	28.4	23.6-33.2	70.5	60.8-80.2
Potter	132.6	114.1-151.1	171.2	149.5-193.0	40.1	29.7-50.5	55.7	43.8-67.6	60.8	45.5-76.1
Schuylkill	251.7	242.4-261.0	192.3	184.0-200.6	38.7	35.1-42.4	43.2	39.4-47.0	58.6	53.3-63.9
Snyder	149.2	135.2-163.2	143.2	129.4-157.0	27.6	21.4-33.8	25.4	19.7-31.1	48.3	39.3-57.3
Somerset	191.6	180.9-202.3	148.6	138.9-158.3	34.2	29.7-38.7	35.4	30.8-40.0	71.1	63.0-79.2
Sullivan	183.1	149.2-217.0	184.2	149.5-218.9	ND	ND	47.2	30.9-63.6	ND	ND
Susquehanna	182.5	168.0-197.0	163.0	149.5-176.5	31.3	25.3-37.3	46.5	39.3-53.7	62.3	51.8-72.8
Tioga	176.7	162.2-191.2	161.7	147.9-175.5	29.5	23.6-35.4	44.3	37.2-51.4	56.1	46.0-66.2
Union	138.2	125.6-150.8	130.9	118.0-143.8	26.5	21.1-31.9	26.1	20.4-31.8	32.1	25.4-38.9
Venango	209.3	195.6-223.0	164.0	151.8-176.2	32.0	26.7-37.3	42.3	36.2-48.4	56.7	47.9-65.5
Warren	171.5	157.7-185.3	177.9	163.5-192.3	31.2	25.3-37.1	43.5	36.5-50.5	51.7	42.5-60.9
Washington	165.7	159.4-172.0	170.4	164.0-176.8	41.2	38.1-44.3	39.7	36.6-42.8	82.0	76.6-87.4
Wayne	198.8	185.2-212.4	157.9	146.1-169.7	30.3	25.0-35.6	36.3	30.6-42.0	66.8	57.2-76.4
Westmoreland	179.9	175.2-184.6	159.5	155.0-164.1	32.7	30.7-34.7	40.8	38.5-43.1	82.6	78.6-86.7
Wyoming	217.7	197.1-238.4	172.3	154.4-190.3	35.3	27.0-43.6	46.7	37.5-56.0	80.1	64.9-95.4
York	148.6	144.2-153.0	162.6	158.0-167.2	42.2	39.9-44.5	31.1	29.1-33.1	67.5	64.2-70.8

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

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

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

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

See Table C-34 for corresponding 2016-2020 number of deaths.

Figure C-31

Average Annual Age-Adjusted Death Rates for Diseases of Heart by County  
Pennsylvania Residents, 2016-2020

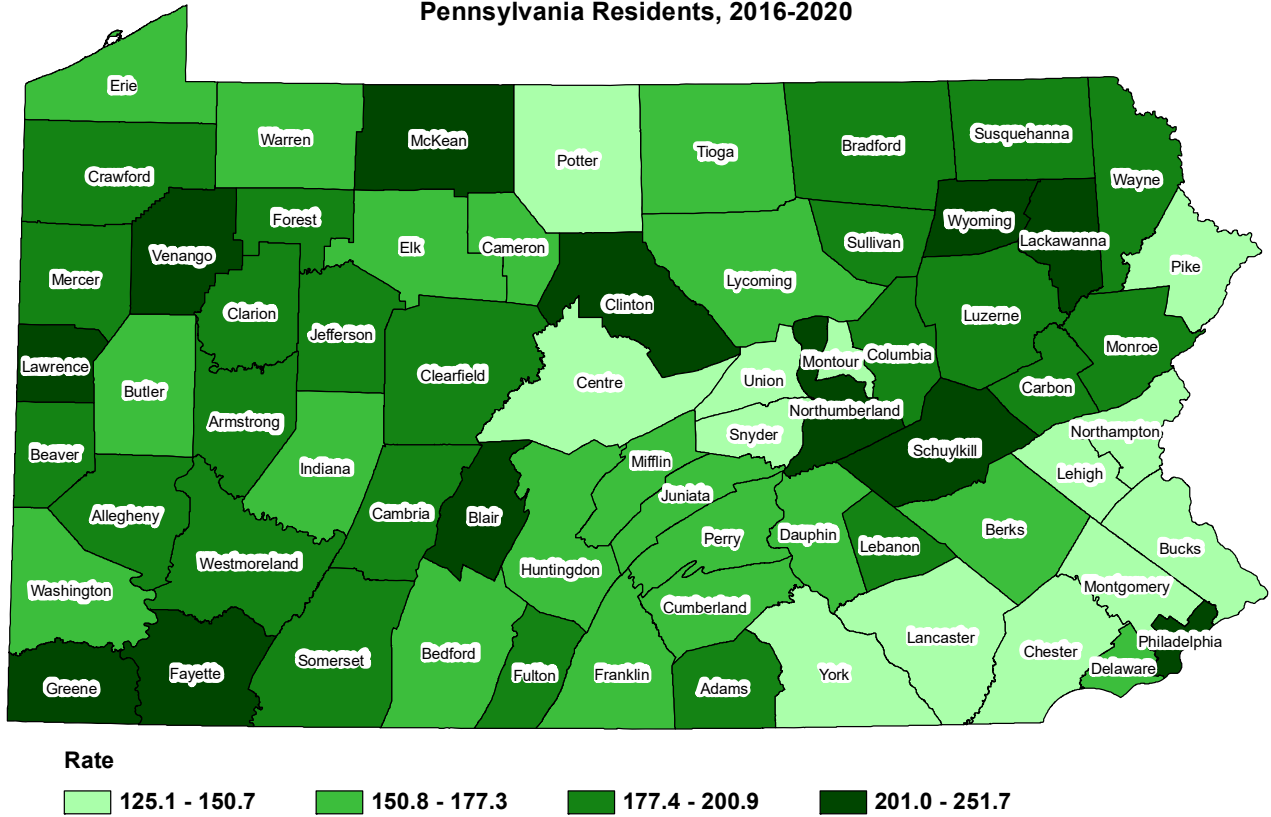
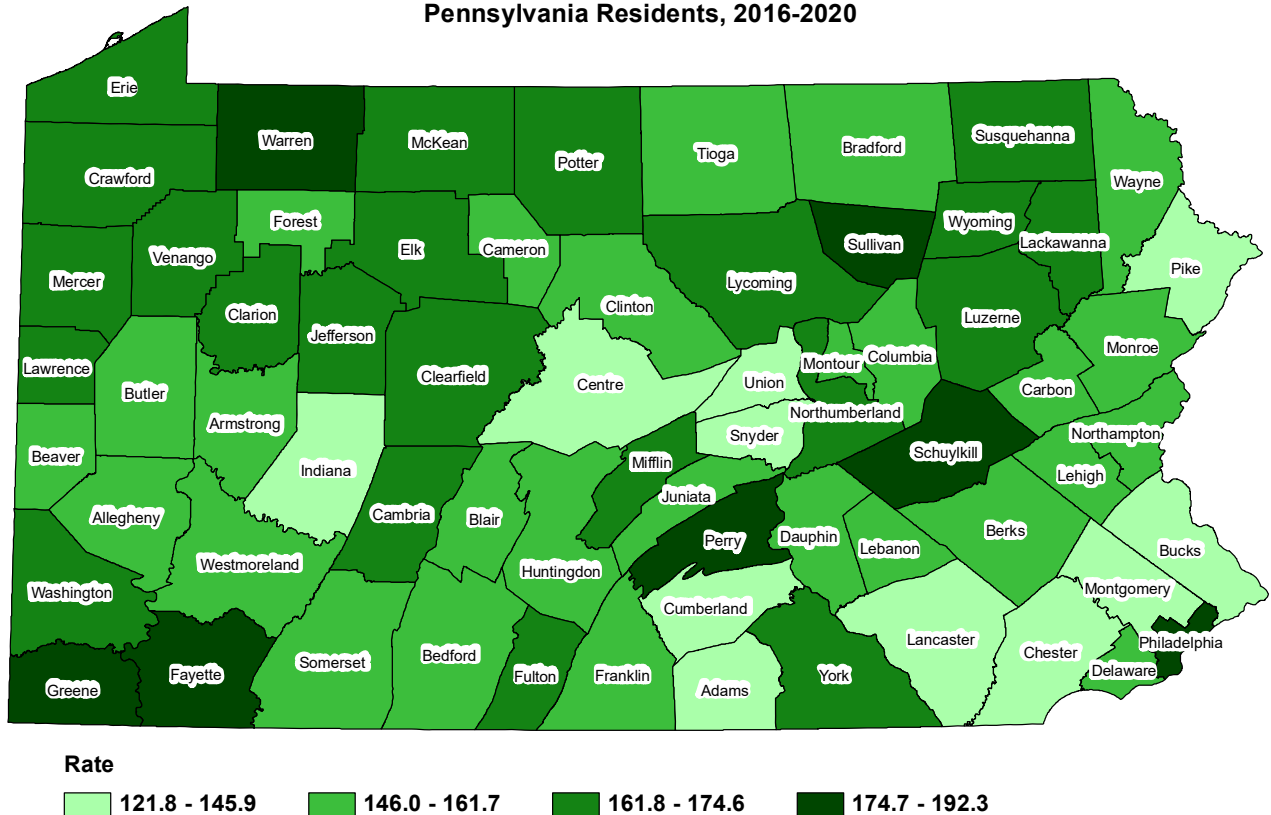


Figure C-32

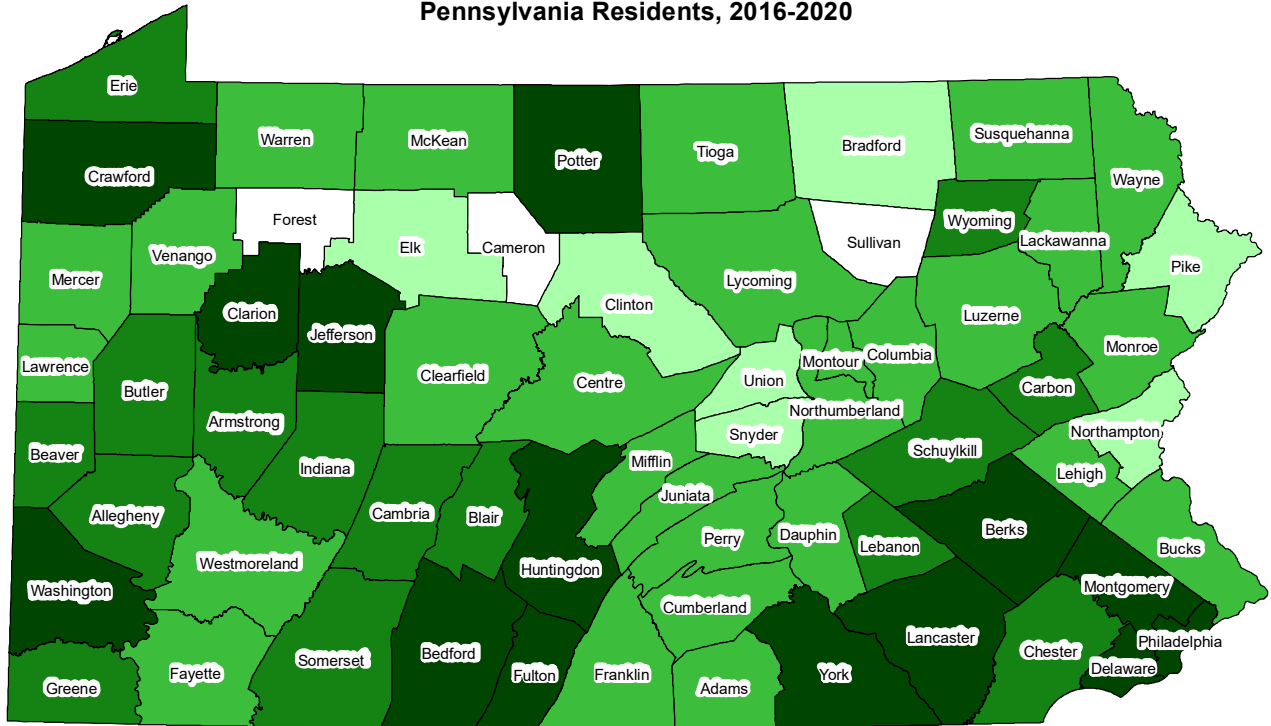
Average Annual Age-Adjusted Death Rates for Cancer (Malignant Neoplasms) by County  
Pennsylvania Residents, 2016-2020



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

Figure C-33

Average Annual Age-Adjusted Death Rates for Cerebrovascular Disease by County  
Pennsylvania Residents, 2016-2020

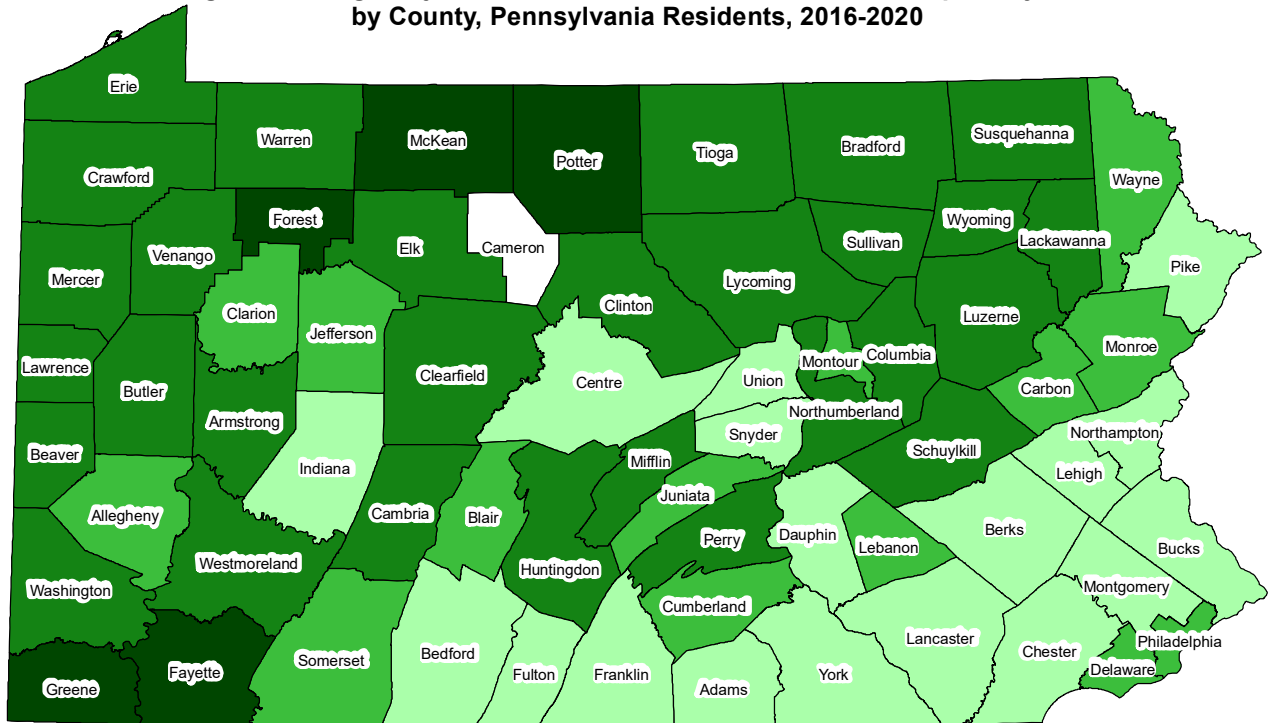


Rate



Figure C-34

Average Annual Age-Adjusted Death Rates for Chronic Lower Respiratory Disease  
by County, Pennsylvania Residents, 2016-2020



Rate



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

Table C-30  
**Resident Deaths by Age Group and County**  
**Pennsylvania, 2020**

County	Total Deaths*	Age at Death (In Years)											85 & Over
		Under 5	5 - 9	10 - 14	15 - 19	20 - 24	25 - 34	35 - 44	45 - 54	55 - 64	65 - 74	75 - 84	
Pennsylvania	155,551	870	77	105	408	827	3,005	3,906	7,215	17,848	29,067	37,726	54,495
Adams	1,187	6	1	1	4	5	19	22	34	122	240	298	435
Allegheny	15,201	88	5	6	33	97	301	408	660	1,650	2,849	3,512	5,592
Armstrong	929	5	1	0	1	4	15	22	38	101	194	222	326
Beaver	2,470	8	1	5	2	8	39	54	118	279	463	618	875
Bedford	742	6	0	0	1	2	11	10	40	75	130	214	253
Berks	4,618	27	0	0	13	40	70	116	216	506	848	1,103	1,679
Blair	1,903	9	3	1	3	8	31	37	86	227	337	493	668
Bradford	722	3	1	0	1	5	5	12	31	81	145	188	250
Bucks	7,180	29	1	4	12	44	132	148	286	724	1,267	1,720	2,813
Butler	2,321	10	0	3	2	12	32	48	115	218	392	587	902
Cambria	2,169	9	0	0	4	5	33	56	101	253	414	494	800
Cameron	68	1	0	0	0	0	0	1	5	3	17	17	24
Carbon	972	5	1	1	0	3	27	26	46	120	174	260	309
Centre	1,226	5	1	0	1	4	15	21	30	111	208	332	498
Chester	4,678	35	1	3	9	16	64	90	181	414	763	1,149	1,953
Clarion	524	3	0	0	2	1	4	12	16	71	116	135	164
Clearfield	1,018	7	0	1	2	4	12	25	44	106	163	300	354
Clinton	434	2	1	0	0	1	2	11	16	34	99	98	170
Columbia	786	1	0	1	1	5	16	17	33	93	169	194	256
Crawford	1,109	9	0	0	2	5	17	17	36	124	254	289	356
Cumberland	2,775	9	1	2	8	11	41	41	96	252	487	726	1,101
Dauphin	3,033	33	5	4	17	23	62	85	144	351	619	699	991
Delaware	6,586	44	6	4	26	35	159	169	324	773	1,146	1,514	2,385
Elk	379	4	1	0	1	2	4	7	18	45	77	80	140
Erie	3,294	22	0	3	3	9	55	69	156	366	635	827	1,149
Fayette	1,997	12	0	2	4	15	48	62	110	251	424	509	560
Forest	101	1	0	0	0	1	0	0	4	13	29	32	21
Franklin	1,984	9	3	3	3	7	30	34	71	226	384	528	686
Fulton	185	1	0	0	1	1	3	3	7	16	32	57	64
Greene	491	0	1	0	2	0	8	8	31	61	103	122	155
Huntingdon	571	0	1	1	0	2	6	12	29	55	123	146	196
Indiana	1,114	6	1	2	1	4	19	40	46	113	206	280	396
Jefferson	623	3	0	0	0	0	8	11	26	62	129	167	217

(Continued)

Table C-30  
**Resident Deaths by Age Group and County**  
**Pennsylvania, 2020**

	Total Deaths*	Age at Death (In Years)											85 & Over
		Under 5	5 - 9	10 - 14	15 - 19	20 - 24	25 - 34	35 - 44	45 - 54	55 - 64	65 - 74	75 - 84	
Juniata	334	1	0	1	0	2	2	9	9	38	54	75	143
Lackawanna	2,970	12	2	2	1	14	54	70	145	323	553	726	1,068
Lancaster	6,071	41	5	6	13	37	93	127	231	573	990	1,488	2,467
Lawrence	1,420	8	3	1	2	4	21	30	60	172	262	334	523
Lebanon	1,813	4	1	2	2	11	25	39	77	173	344	448	687
Lehigh	4,018	31	1	4	12	14	85	92	216	415	667	961	1,520
Luzerne	4,741	28	1	1	19	24	109	127	232	562	911	1,172	1,555
Lycoming	1,484	15	1	1	2	4	20	37	54	175	281	353	541
McKean	532	3	0	0	2	1	7	9	23	69	114	123	181
Mercer	1,706	11	1	2	6	8	23	31	74	198	304	434	614
Mifflin	736	7	0	2	2	5	8	10	35	76	126	197	268
Monroe	1,814	6	0	0	9	7	48	68	106	272	376	453	469
Montgomery	9,040	35	4	3	19	37	116	186	333	909	1,499	2,145	3,754
Montour	257	2	0	1	1	0	7	4	9	27	37	69	100
Northampton	3,576	9	0	0	3	11	63	75	136	388	611	907	1,373
Northumberland	1,469	13	0	1	5	6	14	26	67	150	248	392	547
Perry	534	3	0	1	1	1	12	16	23	70	114	134	159
Philadelphia	18,089	144	18	18	101	177	653	761	1,276	2,903	3,776	3,843	4,418
Pike	616	1	0	0	2	4	13	16	25	76	155	145	179
Potter	224	1	0	1	1	1	1	0	10	26	40	71	72
Schuylkill	2,286	14	0	2	8	7	32	59	115	264	469	564	752
Snyder	417	3	0	0	1	0	5	3	14	40	79	134	138
Somerset	1,110	5	0	1	4	2	17	23	42	115	216	281	404
Sullivan	104	0	0	0	0	0	3	4	6	9	21	35	26
Susquehanna	555	0	0	1	1	1	8	9	15	77	87	167	189
Tioga	521	9	0	1	1	2	4	12	18	50	90	157	177
Union	478	2	0	1	1	3	3	8	8	35	80	140	197
Venango	753	3	0	1	0	3	14	12	36	89	162	183	250
Warren	580	2	0	1	0	0	7	6	24	67	103	158	212
Washington	2,779	8	1	0	4	14	47	74	136	338	547	704	906
Wayne	707	1	0	0	2	3	10	11	28	87	166	185	214
Westmoreland	5,083	18	1	2	9	22	72	100	204	542	912	1,260	1,941
Wyoming	337	0	0	0	0	2	5	10	13	44	73	95	95
York	5,007	18	2	1	15	21	116	148	221	600	964	1,283	1,618

\*Includes any unknown ages.

Table C-31  
**Resident Deaths by Race, Hispanic Origin, and County**  
**Pennsylvania, 2020**

County	Race					Hispanic Origin
	All Races	White	Black	Asian/ Pacific Islander	Multi-Race	
Pennsylvania	155,551	133,122	17,102	1,613	353	4,315
Adams	1,187	1,157	16	4	2	11
Allegheny	15,201	12,804	2,164	113	38	76
Armstrong	929	918	8	1	0	2
Beaver	2,470	2,288	167	5	7	7
Bedford	742	739	0	1	0	1
Berks	4,618	4,238	155	26	10	396
Blair	1,903	1,854	35	4	1	5
Bradford	722	716	2	1	0	4
Bucks	7,180	6,680	227	153	17	133
Butler	2,321	2,282	22	5	0	10
Cambria	2,169	2,089	72	2	2	6
Cameron	68	68	0	0	0	0
Carbon	972	954	8	2	1	11
Centre	1,226	1,199	13	8	2	6
Chester	4,678	4,219	321	57	16	114
Clarion	524	520	1	0	0	4
Clearfield	1,018	1,007	2	2	3	4
Clinton	434	433	1	0	0	0
Columbia	786	780	4	1	0	3
Crawford	1,109	1,090	16	1	2	2
Cumberland	2,775	2,640	67	29	3	34
Dauphin	3,033	2,302	534	45	9	125
Delaware	6,586	5,104	1,263	117	16	99
Elk	379	378	0	0	0	1
Erie	3,294	3,030	210	19	6	50
Fayette	1,997	1,913	72	3	4	3
Forest	101	98	3	0	0	0
Franklin	1,984	1,896	56	8	0	36
Fulton	185	181	3	1	0	1
Greene	491	487	2	1	1	0
Huntingdon	571	548	17	2	1	1
Indiana	1,114	1,100	10	2	1	2
Jefferson	623	618	1	2	0	0

(Continued)

Table C-31  
**Resident Deaths by Race, Hispanic Origin, and County**  
**Pennsylvania, 2020**

County	Race					Hispanic Origin
	All Races	White	Black	Asian/ Pacific Islander	Multi-Race	
Juniata	334	331	1	0	1	2
Lackawanna	2,970	2,814	64	20	5	71
Lancaster	6,071	5,653	161	43	9	262
Lawrence	1,420	1,329	72	4	9	6
Lebanon	1,813	1,707	17	11	3	101
Lehigh	4,018	3,592	173	31	14	398
Luzerne	4,741	4,497	109	15	13	137
Lycoming	1,484	1,407	57	5	2	9
McKean	532	522	5	1	0	1
Mercer	1,706	1,601	91	6	3	10
Mifflin	736	725	6	0	0	6
Monroe	1,814	1,529	201	17	11	123
Montgomery	9,040	7,666	957	252	13	174
Montour	257	251	5	0	0	0
Northampton	3,576	3,307	138	32	11	201
Northumberland	1,469	1,438	14	3	3	10
Perry	534	530	0	0	2	4
Philadelphia	18,089	7,174	8,985	501	70	1,397
Pike	616	582	25	1	0	27
Potter	224	223	1	0	0	0
Schuylkill	2,286	2,245	17	5	5	21
Snyder	417	413	0	1	0	3
Somerset	1,110	1,090	14	0	0	5
Sullivan	104	104	0	0	0	0
Susquehanna	555	551	1	1	0	2
Tioga	521	519	2	0	0	1
Union	478	475	0	0	0	3
Venango	753	743	8	1	0	1
Warren	580	577	0	1	1	1
Washington	2,779	2,624	126	6	10	13
Wayne	707	687	8	3	0	10
Westmoreland	5,083	4,936	113	15	9	10
Wyoming	337	335	1	0	0	2
York	5,007	4,615	258	23	17	157

Notes: Hispanic origin can be of any race.

Starting in 2013, the categorization of race data has changed. Please refer to Section J of the Technical Notes for further explanation.

Table C-32  
**Resident Deaths by Race, Hispanic Origin, and County**  
**Pennsylvania, 2016-2020**

County	Race					Hispanic Origin
	All Races 2016-2020	White	Black	Asian/ Pacific Islander	Multi-Race	
Pennsylvania	692,429	603,420	68,195	6,094	1,921	15,837
Adams	5,447	5,322	60	20	9	67
Allegheny	70,569	60,235	9,165	500	205	300
Armstrong	4,367	4,305	42	5	4	6
Beaver	11,275	10,466	684	23	42	45
Bedford	3,092	3,059	12	10	5	5
Berks	20,721	19,363	699	107	41	1,480
Blair	8,333	8,162	107	16	15	28
Bradford	3,517	3,488	7	4	4	15
Bucks	31,822	29,998	900	492	64	467
Butler	10,502	10,312	87	27	32	37
Cambria	9,731	9,367	301	14	11	39
Cameron	323	321	1	0	1	0
Carbon	4,146	4,056	39	8	17	43
Centre	5,210	5,076	57	45	11	23
Chester	20,896	18,913	1,400	217	65	384
Clarion	2,239	2,214	8	2	6	6
Clearfield	4,945	4,891	18	12	9	12
Clinton	2,130	2,112	7	1	2	4
Columbia	3,622	3,566	23	5	18	24
Crawford	5,151	5,049	73	10	10	9
Cumberland	12,463	11,951	234	120	33	144
Dauphin	13,337	10,406	2,215	192	38	489
Delaware	28,745	23,103	4,779	421	79	363
Elk	1,912	1,901	3	0	1	7
Erie	15,069	14,024	820	65	32	196
Fayette	9,270	8,865	332	16	27	17
Forest	456	444	7	0	2	2
Franklin	8,410	8,061	219	32	8	98
Fulton	810	789	14	3	0	4
Greene	2,279	2,258	14	3	3	3
Huntingdon	2,527	2,462	46	4	5	7
Indiana	4,868	4,799	37	15	10	10
Jefferson	2,853	2,827	7	3	4	2

(Continued)



Table C-32  
**Resident Deaths by Race, Hispanic Origin, and County**  
**Pennsylvania, 2016-2020**

County	Race					Hispanic Origin
	All Races 2016-2020	White	Black	Asian/ Pacific Islander	Multi-Race	
Juniata	1,350	1,337	4	1	3	12
Lackawanna	13,636	13,105	235	63	26	239
Lancaster	26,653	24,945	609	179	52	1,012
Lawrence	6,227	5,951	229	10	21	20
Lebanon	7,956	7,537	88	42	16	359
Lehigh	17,830	16,197	660	169	53	1,406
Luzerne	21,208	20,325	390	66	74	473
Lycoming	6,690	6,371	234	21	24	32
McKean	2,643	2,593	8	8	7	5
Mercer	7,606	7,200	358	14	13	24
Mifflin	2,995	2,957	16	2	9	13
Monroe	7,833	6,831	718	59	30	467
Montgomery	40,092	35,010	3,512	906	91	547
Montour	1,165	1,146	9	3	5	2
Northampton	15,822	14,757	510	134	45	733
Northumberland	6,247	6,089	64	15	36	58
Perry	2,386	2,347	7	5	9	15
Philadelphia	75,396	32,409	35,876	1,754	288	5,117
Pike	2,722	2,565	105	11	6	102
Potter	1,080	1,069	4	0	2	2
Schuylkill	10,157	9,961	70	22	36	74
Snyder	1,893	1,866	8	3	8	10
Somerset	5,040	4,947	64	3	4	18
Sullivan	496	493	2	0	0	1
Susquehanna	2,530	2,500	8	4	9	10
Tioga	2,391	2,374	9	1	3	4
Union	1,968	1,928	12	4	17	13
Venango	3,350	3,302	29	4	8	14
Warren	2,591	2,571	6	3	7	6
Washington	13,065	12,487	459	29	35	53
Wayne	3,210	3,144	36	10	4	44
Westmoreland	23,521	22,808	513	71	62	59
Wyoming	1,697	1,676	5	5	4	16
York	21,946	20,457	921	81	101	541

Notes: Hispanic origin can be of any race.

Starting in 2013, the categorization of race data has changed. Please refer to Section J of the Technical Notes for further explanation.

Table C-33  
**Selected Causes of Death by County, Pennsylvania Residents, 2020**

County	All Causes	Diseases of Heart				Cancer (Malignant Neoplasms)		
		Total Diseases of Heart	Ischemic Excl. Acute Myocardial Infarction	Acute Myocardial Infarction	Other Heart Disease	Total Malignant Neoplasms	Lung and Bronchus	Colon and Rectum
Pennsylvania	155,551	32,880	12,394	5,088	15,398	27,907	6,285	2,340
Adams	1,187	285	169	33	83	222	54	13
Allegheny	15,201	3,579	1,688	475	1,416	2,743	579	232
Armstrong	929	193	80	23	90	177	55	14
Beaver	2,470	552	200	96	256	436	109	39
Bedford	742	151	43	44	64	134	26	14
Berks	4,618	1,002	322	283	397	842	182	54
Blair	1,903	471	111	59	301	297	75	27
Bradford	722	172	51	16	105	146	29	10
Bucks	7,180	1,247	397	138	712	1,321	279	113
Butler	2,321	496	207	62	227	399	76	33
Cambria	2,169	403	126	106	171	362	78	36
Cameron	68	16	5	5	6	7	2	0
Carbon	972	194	61	27	106	176	39	16
Centre	1,226	277	81	41	155	228	34	19
Chester	4,678	973	380	126	467	881	191	54
Clarion	524	123	24	31	68	99	21	8
Clearfield	1,018	222	67	58	97	208	52	21
Clinton	434	103	33	20	50	74	12	7
Columbia	786	156	40	30	86	156	28	14
Crawford	1,109	253	48	109	96	211	60	26
Cumberland	2,775	625	167	132	326	510	103	39
Dauphin	3,033	645	202	68	375	528	101	34
Delaware	6,586	1,315	467	178	670	1,084	248	111
Elk	379	72	22	26	24	84	14	9
Erie	3,294	636	204	102	330	610	168	51
Fayette	1,997	521	210	63	248	327	84	27
Forest	101	25	12	2	11	16	5	1
Franklin	1,984	392	162	44	186	357	70	28
Fulton	185	45	5	26	14	36	11	2
Greene	491	123	44	14	65	94	26	3
Huntingdon	571	105	40	9	56	117	35	9
Indiana	1,114	234	88	39	107	181	22	12
Jefferson	623	117	34	32	51	106	24	10
Juniata	334	67	28	7	32	68	13	9
Lackawanna	2,970	714	261	63	390	522	126	54
Lancaster	6,071	1,228	489	119	620	1,145	227	96
Lawrence	1,420	345	125	56	164	224	55	20
Lebanon	1,813	430	146	52	232	321	75	27
Lehigh	4,018	742	213	128	401	693	142	69
Luzerne	4,741	1,018	433	124	461	792	205	66
Lycoming	1,484	286	88	73	125	285	77	18
McKean	532	117	28	26	63	85	30	5
Mercer	1,706	424	152	118	154	294	67	26
Mifflin	736	129	41	21	67	131	33	15
Monroe	1,814	402	103	130	169	320	71	35
Montgomery	9,040	1,837	745	174	918	1,654	322	140
Montour	257	55	16	15	24	47	12	2
Northampton	3,576	711	203	78	430	687	140	55
Northumberland	1,469	303	77	125	101	250	58	29
Perry	534	111	33	25	53	121	38	12
Philadelphia	18,089	3,798	1,749	369	1,680	2,994	691	227
Pike	616	127	42	38	47	132	34	12
Potter	224	41	16	3	22	40	10	4
Schuylkill	2,286	582	126	295	161	405	114	30
Snyder	417	78	17	12	49	85	20	7
Somerset	1,110	233	107	23	103	181	41	11
Sullivan	104	23	6	6	11	17	4	5
Susquehanna	555	127	41	31	55	104	26	12
Tioga	521	108	24	7	77	91	22	9
Union	478	96	22	28	46	83	23	7
Venango	753	184	67	31	86	140	42	12
Warren	580	104	36	26	42	124	28	3
Washington	2,779	503	182	66	255	534	129	44
Wayne	707	154	60	33	61	163	43	14
Westmoreland	5,083	1,135	521	144	470	894	212	74
Wyoming	337	93	36	16	41	59	10	4
York	5,007	852	371	109	372	1,053	253	101

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

Table C-33 (Continued)  
**Selected Causes of Death by County, Pennsylvania Residents, 2020**

County	Cancer (Malignant Neoplasms)						All Other Sites
	Female Breast	Pancreas	Prostate	Leukemia	Non-Hodgkin Lymphoma		
Pennsylvania	1,904	2,193	1,401	1,107	986		11,691
Adams	15	24	9	9	14		84
Allegheny	195	215	161	121	107		1,133
Armstrong	3	14	8	3	7		73
Beaver	31	29	32	12	18		166
Bedford	13	10	9	5	5		52
Berks	59	70	49	35	31		362
Blair	17	23	18	12	13		112
Bradford	8	8	8	9	6		68
Bucks	77	116	59	51	39		587
Butler	24	27	26	17	10		186
Cambria	34	24	21	10	9		150
Cameron	1	1	0	0	1		2
Carbon	9	17	5	5	1		84
Centre	16	17	11	5	13		113
Chester	83	80	39	34	35		365
Clarion	6	10	3	8	3		40
Clearfield	11	9	16	10	5		84
Clinton	4	9	8	4	3		27
Columbia	7	12	10	8	3		74
Crawford	13	15	6	9	9		73
Cumberland	30	43	25	20	24		226
Dauphin	26	40	23	24	31		249
Delaware	83	76	46	40	29		451
Elk	5	5	5	2	1		43
Erie	30	46	22	18	23		252
Fayette	17	27	17	14	12		129
Forest	0	0	1	0	1		8
Franklin	25	26	19	18	15		156
Fulton	4	2	0	3	3		11
Greene	4	4	2	6	6		43
Huntingdon	9	5	3	7	6		43
Indiana	17	20	9	7	11		83
Jefferson	7	3	8	6	7		41
Juniata	5	5	5	0	3		28
Lackawanna	33	48	23	17	11		210
Lancaster	89	89	66	68	43		467
Lawrence	4	18	11	11	7		98
Lebanon	25	23	18	17	9		127
Lehigh	52	64	35	31	23		277
Luzerne	49	74	44	26	17		311
Lycoming	9	30	14	7	15		115
McKean	3	6	1	3	4		33
Mercer	21	24	10	8	13		125
Mifflin	4	13	5	6	5		50
Monroe	19	24	16	4	6		145
Montgomery	146	132	78	74	54		708
Montour	5	2	2	3	2		19
Northampton	41	59	33	22	35		302
Northumberland	10	14	14	10	16		99
Perry	11	7	6	3	3		41
Philadelphia	235	219	154	105	76		1,287
Pike	6	13	7	5	5		50
Potter	3	0	2	0	1		20
Schuylkill	23	29	21	16	12		160
Snyder	5	8	2	2	1		40
Somerset	10	17	7	4	10		81
Sullivan	1	3	1	0	0		3
Susquehanna	9	7	2	5	1		42
Tioga	6	5	6	3	3		37
Union	5	5	10	4	1		28
Venango	5	9	6	7	4		55
Warren	13	12	6	4	5		53
Washington	34	45	21	21	13		227
Wayne	12	10	5	7	7		65
Westmoreland	57	62	45	39	42		363
Wyoming	5	4	1	1	0		34
York	66	86	46	42	38		421

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

Table C-33 (Continued)  
**Selected Causes of Death by County, Pennsylvania Residents, 2020**

County	Cerebrovascular Disease	Chronic Lower Respiratory Disease	Accidents			Alzheimer's Disease	Diabetes Mellitus
			Non-Transport	Motor Vehicle	Other Transport		
Pennsylvania	6,925	6,128	8,193	1,225	76	4,540	4,246
Adams	53	45	53	14	0	59	56
Allegheny	652	641	957	67	9	481	364
Armstrong	33	46	49	5	0	40	43
Beaver	92	115	112	14	0	96	54
Bedford	31	33	35	6	1	17	25
Berks	250	137	219	47	0	142	121
Blair	72	84	89	12	1	63	39
Bradford	30	36	26	7	0	32	24
Bucks	317	254	327	57	2	199	164
Butler	111	106	116	19	3	94	67
Cambria	99	71	136	9	2	78	68
Cameron	5	5	1	1	0	2	2
Carbon	38	43	55	8	0	20	28
Centre	71	37	36	14	1	57	24
Chester	271	173	222	25	5	111	93
Clarion	18	22	14	4	0	20	17
Clearfield	34	35	47	17	0	46	39
Clinton	23	25	14	3	0	21	21
Columbia	31	38	29	5	1	25	22
Crawford	59	58	52	6	0	52	17
Cumberland	125	112	102	17	0	62	77
Dauphin	119	126	154	24	0	79	64
Delaware	341	262	305	46	2	108	118
Elk	14	20	28	0	0	23	8
Erie	125	157	148	18	3	100	110
Fayette	50	114	111	24	1	34	52
Forest	6	5	3	1	2	1	7
Franklin	79	81	47	19	2	54	86
Fulton	6	12	7	2	0	10	6
Greene	23	28	21	3	0	8	9
Huntingdon	31	27	13	10	0	15	28
Indiana	37	36	52	17	2	26	33
Jefferson	39	24	28	2	1	12	19
Juniata	11	15	11	4	0	6	10
Lackawanna	100	130	146	21	0	96	68
Lancaster	384	239	288	52	4	246	168
Lawrence	49	66	67	9	0	58	40
Lebanon	106	70	72	18	2	60	31
Lehigh	148	106	251	42	1	153	103
Luzerne	152	212	251	38	2	115	191
Lycoming	48	74	68	16	0	53	44
McKean	21	33	20	5	0	9	20
Mercer	64	77	76	10	0	71	50
Mifflin	23	38	22	15	0	9	30
Monroe	55	75	131	13	3	56	72
Montgomery	543	262	400	49	2	231	148
Montour	9	8	15	4	0	3	7
Northampton	109	119	183	23	2	128	114
Northumberland	53	49	72	17	1	62	38
Perry	22	28	26	8	2	22	17
Philadelphia	794	564	1,345	169	8	315	479
Pike	19	38	34	7	2	13	31
Potter	14	14	12	0	0	0	9
Schuylkill	83	96	72	24	0	58	56
Snyder	18	14	13	6	0	13	17
Somerset	49	32	47	11	0	67	73
Sullivan	2	6	2	2	0	0	7
Susquehanna	24	41	23	4	0	14	24
Tioga	16	27	20	7	0	12	13
Union	18	18	17	1	0	16	18
Venango	35	40	31	10	0	22	14
Warren	16	22	26	5	3	4	31
Washington	147	136	163	31	0	81	83
Wayne	30	33	25	9	0	30	20
Westmoreland	214	242	273	33	3	147	146
Wyoming	12	14	17	5	0	7	11
York	252	182	366	34	3	176	158

Table C-33 (Continued)  
**Selected Causes of Death by County, Pennsylvania Residents, 2020**

County	Nephritis, Nephrotic Syn. & Nephrosis	Influenza & Pneumonia	Septicemia	Parkinson's Disease	Intentional Self-harm (Suicide)	Chronic Liver Disease & Cirrhosis	Essential Hypertension & Hypertensive Renal Disease
Pennsylvania	2,907	2,352	2,273	1,799	1,686	1,629	1,418
Adams	22	23	17	20	16	9	6
Allegheny	303	241	198	187	149	186	148
Armstrong	20	20	15	10	14	13	11
Beaver	29	40	45	22	29	43	26
Bedford	9	11	11	8	12	11	4
Berks	69	68	63	47	54	50	37
Blair	52	21	27	22	18	20	17
Bradford	12	13	10	10	7	6	7
Bucks	143	122	111	106	76	55	89
Butler	29	48	23	26	24	20	27
Cambria	60	45	44	21	28	26	28
Cameron	0	2	5	0	2	2	1
Carbon	14	17	19	4	24	9	13
Centre	20	19	21	16	17	16	10
Chester	63	70	56	72	54	52	37
Clarion	8	11	3	1	9	9	9
Clearfield	32	23	10	8	18	8	9
Clinton	16	4	3	7	3	2	3
Columbia	19	10	11	7	11	7	2
Crawford	25	26	16	17	7	15	5
Cumberland	60	31	35	34	22	21	20
Dauphin	72	40	44	36	33	32	35
Delaware	121	114	70	83	68	79	44
Elk	8	1	10	5	7	3	4
Erie	92	64	30	28	38	31	35
Fayette	22	27	35	23	25	35	21
Forest	0	2	0	1	0	3	4
Franklin	26	36	30	35	14	16	24
Fulton	5	0	2	1	3	3	3
Greene	8	11	10	3	5	8	0
Huntingdon	14	8	4	7	13	4	6
Indiana	20	20	18	13	12	15	12
Jefferson	17	14	9	13	12	11	8
Juniata	5	5	2	2	3	0	9
Lackawanna	52	49	51	44	29	38	42
Lancaster	142	52	71	78	57	56	49
Lawrence	15	22	18	15	9	17	13
Lebanon	36	29	35	28	20	14	10
Lehigh	68	45	42	44	48	53	29
Luzerne	84	53	63	38	55	70	64
Lycoming	35	21	14	12	14	17	11
McKean	15	5	12	7	6	7	2
Mercer	25	14	26	17	21	10	18
Mifflin	18	15	10	9	5	10	10
Monroe	30	17	24	21	21	21	17
Montgomery	161	145	152	131	106	63	60
Montour	6	4	3	3	3	7	1
Northampton	42	40	43	59	42	35	38
Northumberland	21	22	22	17	8	15	8
Perry	10	6	6	4	6	6	6
Philadelphia	321	239	373	128	166	116	149
Pike	10	5	5	5	9	7	4
Potter	5	2	4	2	3	4	7
Schuylkill	42	37	41	25	20	15	16
Snyder	7	5	5	5	3	3	6
Somerset	19	19	17	16	11	15	5
Sullivan	1	1	0	1	2	2	1
Susquehanna	12	16	5	7	8	6	5
Tioga	9	10	8	1	4	3	5
Union	10	7	3	8	5	5	7
Venango	15	9	8	7	11	9	7
Warren	6	9	14	8	2	8	4
Washington	58	40	41	19	32	42	21
Wayne	12	15	9	8	15	10	8
Westmoreland	87	102	76	70	52	65	37
Wyoming	5	6	5	4	4	2	4
York	113	84	60	63	62	58	40

Table C-33 (Continued)  
**Selected Causes of Death by County, Pennsylvania Residents, 2020**

County	Assault (Homicide)	In Situ, Benign, & Uncertain Neoplasms	Nutritional Deficiencies	Perinatal Conditions	Congenital Malformations & Chromosomal Anomalies	All Other Causes
Pennsylvania	988	838	563	382	360	46,236
Adams	3	6	5	2	3	268
Allegheny	105	105	69	49	27	3,941
Armstrong	0	4	3	2	2	229
Beaver	5	10	7	3	5	735
Bedford	0	4	2	2	5	230
Berks	19	24	22	10	12	1,383
Blair	4	10	0	6	4	574
Bradford	0	4	2	0	1	177
Bucks	15	42	14	9	16	2,494
Butler	1	10	7	4	6	685
Cambria	5	7	4	0	3	670
Cameron	0	0	0	1	0	16
Carbon	8	6	8	0	2	286
Centre	0	9	4	2	2	345
Chester	2	18	11	17	10	1,462
Clarion	3	4	0	0	0	150
Clearfield	3	11	4	2	2	240
Clinton	1	1	0	1	1	108
Columbia	4	6	6	1	0	239
Crawford	1	3	0	3	0	283
Cumberland	7	11	16	5	1	882
Dauphin	22	21	18	18	10	913
Delaware	60	32	14	21	29	2,270
Elk	0	1	0	3	0	88
Erie	19	15	14	9	5	1,007
Fayette	8	11	3	8	2	543
Forest	0	0	0	0	1	24
Franklin	2	9	12	5	3	655
Fulton	0	2	1	0	0	41
Greene	2	1	2	0	1	131
Huntingdon	0	2	0	0	1	166
Indiana	1	2	1	2	2	378
Jefferson	1	4	0	1	3	182
Juniata	1	1	1	1	1	111
Lackawanna	4	16	4	6	3	835
Lancaster	12	37	15	13	23	1,712
Lawrence	3	10	4	5	4	427
Lebanon	4	11	13	2	3	498
Lehigh	14	22	30	15	11	1,358
Luzerne	11	29	13	11	12	1,467
Lycoming	10	6	3	6	4	457
McKean	0	5	0	1	2	160
Mercer	1	5	2	5	5	491
Mifflin	2	5	2	2	4	247
Monroe	11	5	12	5	5	498
Montgomery	22	59	29	15	22	2,949
Montour	4	0	2	2	2	72
Northampton	4	21	30	6	9	1,131
Northumberland	4	10	4	8	3	482
Perry	2	2	1	1	0	127
Philadelphia	498	82	57	60	33	5,401
Pike	1	4	4	0	0	159
Potter	0	1	1	0	1	64
Schuylkill	39	6	18	5	10	636
Snyder	0	4	1	1	1	132
Somerset	3	2	0	2	4	304
Sullivan	0	0	2	0	1	34
Susquehanna	2	6	0	0	0	127
Tioga	1	3	2	5	4	172
Union	1	4	0	1	1	159
Venango	0	2	0	0	3	206
Warren	0	5	3	0	1	185
Washington	2	17	12	2	9	806
Wayne	0	2	2	0	2	160
Westmoreland	10	25	24	11	5	1,432
Wyoming	0	1	1	0	1	86
York	21	35	22	5	12	1,356

Table C-34  
**Selected Causes of Death by County, Number and Average Annual Rate\***  
**Pennsylvania Residents, 2016-2020**

County	Diseases of Heart		Cancer (Malignant Neoplasms)		Cerebrovascular Disease		Chronic Lower Respiratory Disease		Accidents	
	Number	Rate	Number	Rate	Number	Rate	Number	Rate	Number	Rate
Pennsylvania	161,979	252.3	140,288	218.6	33,532	52.2	32,064	50.0	44,397	69.2
Adams	1,415	275.2	1,110	215.9	228	44.3	250	48.6	293	57.0
Allegheny	17,519	285.7	14,059	229.3	3,208	52.3	3,406	55.5	5,077	82.8
Armstrong	994	303.4	862	263.1	195	59.5	235	71.7	311	94.9
Beaver	2,712	326.8	2,102	253.3	538	64.8	578	69.6	668	80.5
Bedford	740	307.8	604	251.3	175	72.8	137	57.0	185	77.0
Berks	5,000	237.8	4,288	203.9	1,275	60.6	858	40.8	1,190	56.6
Blair	2,108	342.8	1,499	243.8	347	56.4	379	61.6	435	70.7
Bradford	873	288.5	721	238.2	128	42.3	232	76.7	198	65.4
Bucks	6,425	203.5	6,572	208.2	1,550	49.1	1,441	45.6	2,002	63.4
Butler	2,396	253.9	2,125	225.2	528	56.0	560	59.4	647	68.6
Cambria	2,190	330.5	1,852	279.5	411	62.0	457	69.0	705	106.4
Cameron	78	343.2	69	303.6	17	74.8	19	83.6	9	39.6
Carbon	902	281.3	804	250.8	164	51.2	186	58.0	293	91.4
Centre	1,346	166.7	1,069	132.4	288	35.7	219	27.1	260	32.2
Chester	4,893	186.9	4,449	170.0	1,203	46.0	948	36.2	1,245	47.6
Clarion	550	287.4	481	251.4	109	57.0	113	59.0	108	56.4
Clearfield	1,170	293.0	1,024	256.4	204	51.1	259	64.9	257	64.4
Clinton	587	304.3	421	218.3	77	39.9	127	65.8	101	52.4
Columbia	875	267.2	743	226.9	153	46.7	197	60.2	185	56.5
Crawford	1,190	279.5	1,057	248.2	271	63.6	299	70.2	297	69.7
Cumberland	3,221	255.0	2,504	198.2	603	47.7	601	47.6	611	48.4
Dauphin	3,173	228.1	2,717	195.3	547	39.3	559	40.2	899	64.6
Delaware	6,496	229.1	5,753	202.9	1,664	58.7	1,328	46.8	1,721	60.7
Elk	426	280.8	437	288.1	63	41.5	101	66.6	148	97.6
Erie	3,101	227.5	3,087	226.5	669	49.1	789	57.9	812	59.6
Fayette	2,464	377.7	1,826	279.9	317	48.6	558	85.5	609	93.4
Forest	104	288.1	88	243.8	19	52.6	36	99.7	23	63.7
Franklin	1,895	244.9	1,778	229.8	360	46.5	377	48.7	381	49.2
Fulton	201	276.0	196	269.1	46	63.2	32	43.9	52	71.4
Greene	593	324.9	463	253.7	100	54.8	168	92.0	135	74.0
Huntingdon	545	241.7	531	235.5	135	59.9	142	63.0	132	58.5
Indiana	1,071	253.2	866	204.7	225	53.2	181	42.8	390	92.2
Jefferson	635	289.5	567	258.5	157	71.6	138	62.9	155	70.7
Juniata	327	267.4	288	235.5	59	48.2	66	54.0	67	54.8
Lackawanna	3,637	343.7	2,697	254.9	524	49.5	679	64.2	767	72.5
Lancaster	6,037	221.7	5,429	199.4	1,643	60.3	1,208	44.4	1,583	58.1
Lawrence	1,570	363.5	1,191	275.7	240	55.6	304	70.4	379	87.7
Lebanon	2,011	285.3	1,619	229.7	419	59.4	379	53.8	380	53.9
Lehigh	3,737	202.9	3,542	192.3	778	42.2	654	35.5	1,220	66.2
Luzerne	5,102	320.1	3,911	245.4	815	51.1	978	61.4	1,281	80.4
Lycoming	1,374	241.0	1,423	249.6	283	49.6	379	66.5	308	54.0
McKean	641	312.5	499	243.3	93	45.3	180	87.8	109	53.1
Mercer	1,920	345.9	1,471	265.0	305	54.9	385	69.4	435	78.4
Mifflin	650	281.2	644	278.6	130	56.2	168	72.7	149	64.5
Monroe	1,859	220.7	1,760	209.0	296	35.1	355	42.2	584	69.3
Montgomery	9,187	220.6	8,225	197.5	2,744	65.9	1,591	38.2	2,177	52.3
Montour	206	225.9	220	241.2	52	57.0	61	66.9	83	91.0
Northampton	3,548	232.1	3,412	223.2	609	39.8	655	42.8	947	62.0
Northumberland	1,530	334.1	1,272	277.7	242	52.8	316	69.0	373	81.4
Perry	518	225.0	547	237.6	91	39.5	139	60.4	172	74.7
Philadelphia	17,745	224.1	14,967	189.0	3,658	46.2	2,812	35.5	6,682	84.4
Pike	650	230.8	620	220.2	110	39.1	132	46.9	203	72.1
Potter	198	238.0	238	286.1	57	68.5	84	101.0	61	73.3
Schuylkill	2,833	397.7	2,079	291.9	432	60.6	485	68.1	474	66.5
Snyder	438	216.9	415	205.5	76	37.6	76	37.6	111	55.0
Somerset	1,226	330.6	909	245.1	224	60.4	230	62.0	295	79.5
Sullivan	112	370.8	108	357.6	14	46.4	32	106.0	19	62.9
Susquehanna	610	303.3	558	277.4	106	52.7	162	80.5	136	67.6
Tioga	571	279.1	526	257.1	95	46.4	151	73.8	118	57.7
Union	465	209.0	396	178.0	92	41.3	81	36.4	87	39.1
Venango	891	347.3	695	270.9	140	54.6	183	71.3	161	62.8
Warren	594	301.7	587	298.2	106	53.8	148	75.2	122	62.0
Washington	2,689	258.9	2,707	260.6	670	64.5	648	62.4	892	85.9
Wayne	819	320.4	683	267.2	126	49.3	158	61.8	185	72.4
Westmoreland	5,548	314.9	4,716	267.7	1,005	57.1	1,251	71.0	1,595	90.5
Wyoming	427	317.0	354	262.8	70	52.0	98	72.8	106	78.7
York	4,421	197.1	4,856	216.4	1,254	55.9	926	41.3	1,602	71.4

\*Rate per 100,000 population for each county, 2016-2020

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

Table C-35  
**Resident Live Births, All Deaths, Infant, and Neonatal Deaths  
for Selected Municipalities, Number and Rate\*: Pennsylvania, 2020**

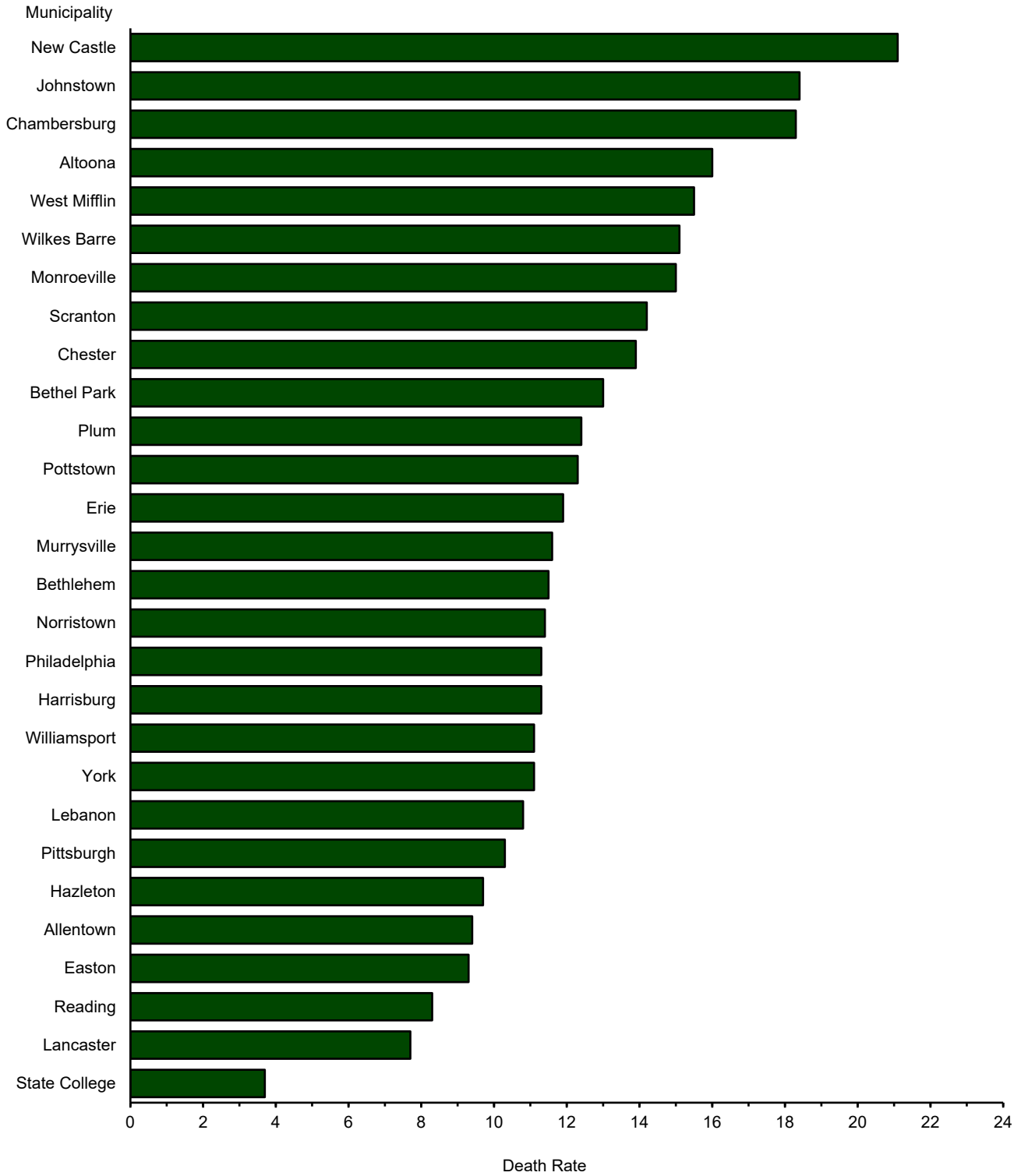
Municipality	Live Births		All Deaths		Infant Deaths		Neonatal Deaths	
	Number	Rate	Number	Rate	Number	Rate	Number	Rate
Pennsylvania	130,730	10.1	155,551	12.0	726	5.6	494	3.8
Allentown	1,838	14.6	1,185	9.4	20	10.9	11	6.0
Altoona	497	11.3	703	16.0	5	ND	2	ND
Bethel Park	304	9.1	437	13.0	0	ND	0	ND
Bethlehem	807	10.7	866	11.5	4	ND	3	ND
Chambersburg	296	13.3	408	18.3	1	ND	1	ND
Chester	495	15.1	455	13.9	10	20.2	4	ND
Easton	293	10.5	261	9.3	2	ND	2	ND
Erie	1,187	12.5	1,126	11.9	10	8.4	4	ND
Harrisburg	887	17.7	564	11.3	15	16.9	11	12.4
Hazleton	471	15.8	291	9.7	2	ND	1	ND
Johnstown	247	13.4	338	18.4	4	ND	1	ND
Lancaster	818	14.2	447	7.7	5	ND	1	ND
Lebanon	390	14.6	289	10.8	1	ND	1	ND
Monroeville	266	9.3	430	15.0	1	ND	1	ND
Murrysville	144	6.9	243	11.6	0	ND	0	ND
New Castle	309	14.1	461	21.1	3	ND	2	ND
Norristown	545	15.2	408	11.4	2	ND	1	ND
Philadelphia	19,884	12.4	18,089	11.3	118	5.9	80	4.0
Pittsburgh	2,874	9.5	3,125	10.3	23	8.0	18	6.3
Plum	234	8.6	336	12.4	1	ND	0	ND
Pottstown	382	16.3	288	12.3	4	ND	3	ND
Reading	1,481	15.6	787	8.3	8	ND	7	ND
Scranton	840	11.1	1,077	14.2	4	ND	3	ND
State College	125	3.1	147	3.7	1	ND	1	ND
West Mifflin	197	10.1	302	15.5	3	ND	2	ND
Wilkes Barre	526	11.8	670	15.1	3	ND	0	ND
Williamsport	359	13.0	307	11.1	5	ND	1	ND
York	742	16.6	499	11.1	3	ND	1	ND
All Other Areas	93,292	9.4	121,012	12.2	468	5.0	332	3.6

\* Birth and death crude rates per 1,000 population, 2020. Infant and neonatal death rates per 1,000 live births, 2020.

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



Figure C-35  
**Resident Crude Death Rates for Selected Municipalities  
 Pennsylvania, 2020**



Note: Rate per 1,000 population, 2020. See Table C-35 for corresponding data.

Table C-36  
**Resident Deaths, Infant, and Neonatal Deaths for Selected Municipalities**  
**Number and Average Annual Rate\*: Pennsylvania, 2016-2020**

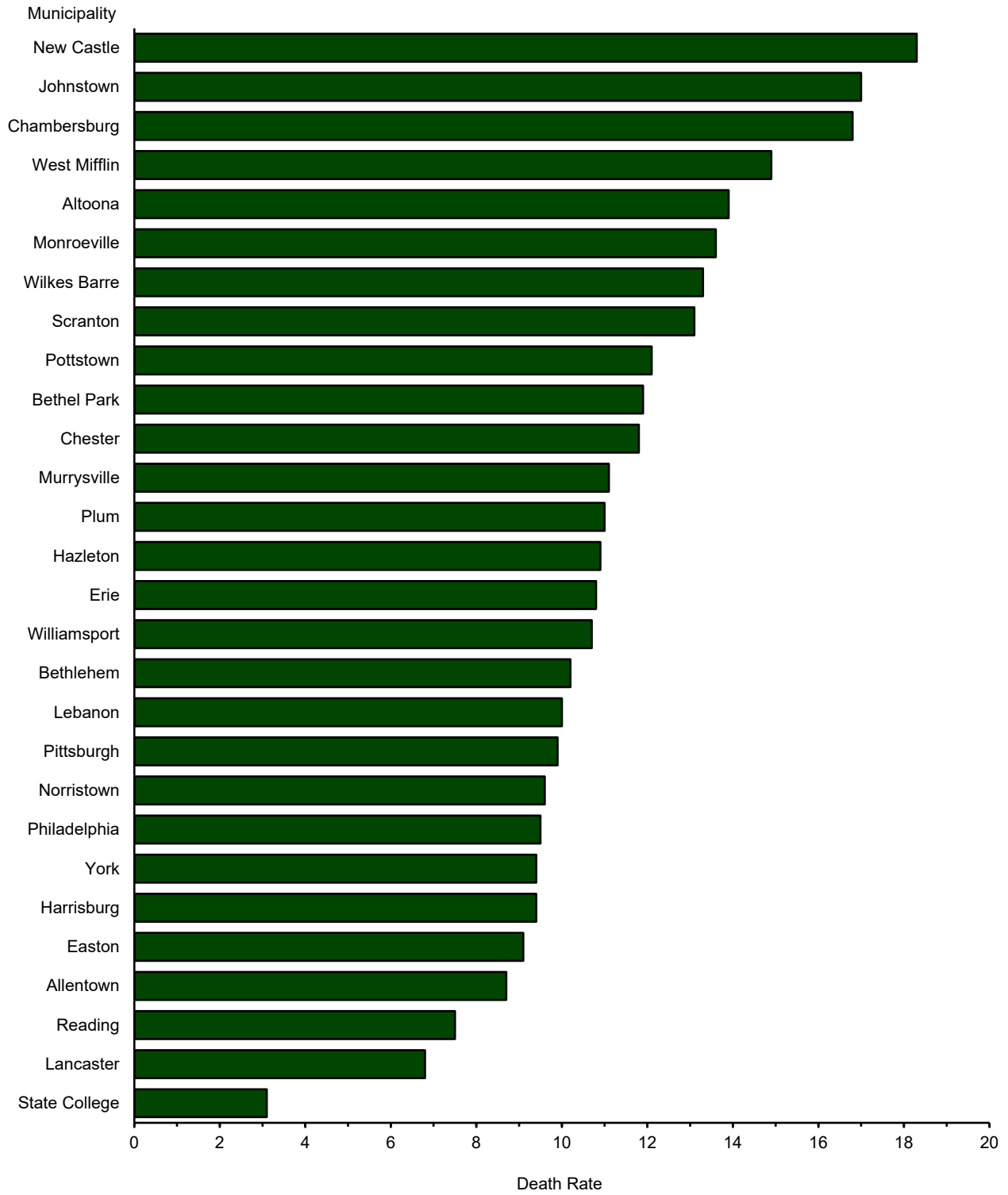
Municipality	All Deaths 2016 - 2020		Infant Deaths 2016 - 2020		Neonatal Deaths 2016 - 2020	
	Number	Rate	Number	Rate	Number	Rate
Pennsylvania	692,429	10.8	4,012	5.9	2,829	4.2
Allentown	5,336	8.7	87	8.8	64	6.5
Altoona	3,052	13.9	22	8.7	11	4.3
Bethel Park	1,941	11.9	7	ND	6	ND
Bethlehem	3,875	10.2	15	3.7	12	2.9
Chambersburg	1,785	16.8	9	ND	6	ND
Chester	1,985	11.8	41	15.5	27	10.2
Easton	1,246	9.1	13	8.0	8	ND
Erie	5,228	10.8	62	9.5	36	5.5
Harrisburg	2,330	9.4	52	11.9	29	6.6
Hazleton	1,409	10.9	17	6.8	9	ND
Johnstown	1,641	17.0	22	16.8	12	9.2
Lancaster	2,000	6.8	30	6.7	19	4.3
Lebanon	1,298	10.0	12	5.9	7	ND
Monroeville	1,889	13.6	7	ND	5	ND
Murrysville	1,109	11.1	4	ND	2	ND
New Castle	2,002	18.3	17	11.1	10	6.6
Norristown	1,662	9.6	15	5.1	10	3.4
Philadelphia	75,396	9.5	795	7.7	568	5.5
Pittsburgh	15,009	9.9	121	7.7	86	5.5
Plum	1,498	11.0	2	ND	1	ND
Pottstown	1,378	12.1	16	8.3	9	ND
Reading	3,349	7.5	75	9.2	53	6.5
Scranton	5,024	13.1	33	7.6	24	5.5
State College	637	3.1	7	ND	6	ND
West Mifflin	1,475	14.9	10	9.4	8	ND
Wilkes Barre	2,756	13.3	16	6.0	6	ND
Williamsport	1,514	10.7	19	10.5	11	6.1
York	2,079	9.4	38	9.8	24	6.2
All Other Areas	542,526	11.0	2,448	5.1	1,760	3.7

\* Crude death rate per 1,000 population for each specified area, 2016-2020. Infant and neonatal death rates per 1,000 live births for each specified area, 2016-2020.

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

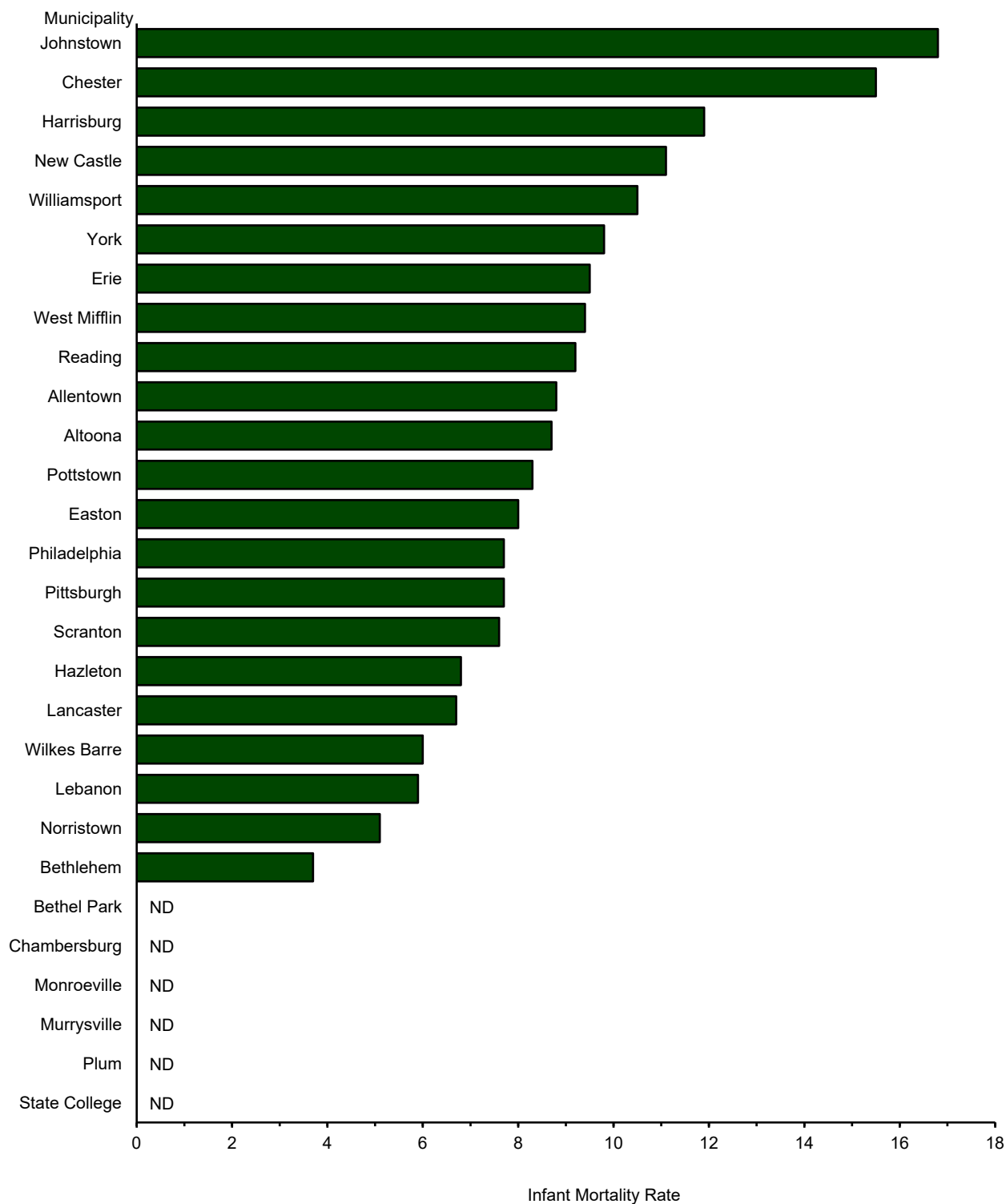
Rates based on less than 10 events are considered statistically unreliable and are not displayed (ND).

Figure C-36  
**Resident Average Annual Crude Death Rates  
 for Selected Municipalities, Pennsylvania, 2016-2020**



Note: Rate per 1,000 population, 2016-2020. See Table C-36 for corresponding data.

Figure C-37  
**Resident Average Annual Infant Mortality Rates  
 for Selected Municipalities, Pennsylvania, 2016-2020**



Notes: Rate per 1,000 live births, 2016-2020. See Table C-36 for corresponding data.

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

Table C-37  
**Resident Deaths by Age Group for Selected Municipalities  
 Pennsylvania, 2020**

Municipality	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
Pennsylvania	155,551	870	77	105	408	827	3,005	3,906	7,215	17,848	29,067	37,726	54,495
Allentown	1,185	23	0	1	5	5	43	45	98	155	217	260	333
Altoona	703	5	3	1	2	5	15	20	50	101	129	176	196
Bethel Park	437	0	1	0	1	0	1	8	11	39	75	109	192
Bethlehem	866	4	0	0	0	3	18	20	46	97	144	215	319
Chambersburg	408	1	0	0	0	0	4	6	13	44	59	101	180
Chester	455	10	2	2	6	9	24	18	35	78	103	92	76
Easton	261	2	0	0	1	1	6	14	18	49	54	60	56
Erie	1,126	12	0	1	1	4	33	35	71	158	235	247	329
Harrisburg	564	17	2	2	7	8	29	26	51	110	118	87	107
Hazleton	291	2	0	0	5	2	13	10	15	38	62	60	84
Johnstown	338	5	0	0	0	1	8	15	31	62	65	64	87
Lancaster	447	5	0	1	0	4	21	15	38	71	121	85	86
Lebanon	289	1	0	0	2	6	10	16	27	45	59	59	64
Monroeville	430	1	1	0	0	0	6	11	8	33	78	126	166
Murrysville	243	0	0	0	0	0	4	1	3	14	32	65	124
New Castle	461	3	2	0	2	2	9	16	32	59	89	99	148
Norristown	408	4	0	1	1	6	16	17	40	89	83	73	78
Philadelphia	18,089	144	18	18	101	177	653	761	1,276	2,903	3,776	3,843	4,418
Pittsburgh	3,125	30	2	3	9	31	109	101	171	428	676	658	907
Plum	336	1	0	0	1	2	5	6	6	27	49	75	164
Pottstown	288	4	0	0	1	2	10	18	24	50	73	59	47
Reading	787	9	0	0	4	14	28	46	72	134	164	158	158
Scranton	1,077	4	0	2	0	7	21	21	60	136	220	228	378
State College	147	1	1	0	0	0	3	0	2	19	24	29	68
West Mifflin	302	3	0	0	0	1	4	8	14	25	58	77	112
Wilkes Barre	670	4	0	0	1	5	17	30	43	76	114	146	234
Williamsport	307	6	0	0	2	1	11	11	13	48	70	59	86
York	499	5	0	0	4	7	37	37	53	87	91	95	83
All Other Areas	121,012	564	45	73	252	524	1,847	2,574	4,894	12,673	22,029	30,321	45,215

\*Includes any unknown ages.

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

Table C-38  
**Resident Deaths by Race and Hispanic Origin  
for Selected Municipalities, Pennsylvania, 2020**

Municipality	Race					Hispanic Origin
	All Races	White	Black	Asian/ Pacific Islander	Multi-Race	
Pennsylvania	155,551	133,122	17,102	1,613	353	4,315
Allentown	1,185	915	110	11	8	279
Altoona	703	673	24	3	0	2
Bethel Park	437	427	4	2	0	2
Bethlehem	866	769	46	6	4	113
Chambersburg	408	367	27	2	0	16
Chester	455	67	371	1	2	19
Easton	261	198	39	2	3	32
Erie	1,126	913	176	15	4	34
Harrisburg	564	215	276	6	4	64
Hazleton	291	235	6	2	2	52
Johnstown	338	283	54	1	0	1
Lancaster	447	273	65	8	1	133
Lebanon	289	233	9	2	1	63
Monroeville	430	368	49	9	1	1
Murrysville	243	238	1	4	0	1
New Castle	461	393	58	1	7	5
Norristown	408	203	166	9	1	35
Philadelphia	18,089	7,174	8,985	501	70	1,397
Pittsburgh	3,125	2,018	1,038	25	13	26
Plum	336	325	9	0	1	2
Pottstown	288	223	58	0	1	11
Reading	787	550	91	4	6	290
Scranton	1,077	975	41	13	1	45
State College	147	140	5	1	1	0
West Mifflin	302	274	24	2	1	1
Wilkes Barre	670	603	46	2	1	23
Williamsport	307	256	43	1	2	3
York	499	307	142	1	5	78
All Other Areas	121,012	113,507	5,139	979	213	1,587

Notes: Hispanic origin can be of any race.

See Technical Notes for criteria used in municipality selection.

Starting in 2013, the categorization for race data has changed. Please refer to Section J of the Technical Notes for further explanation.

Table C-39  
**Resident Infant Deaths by Race and Hispanic Origin  
for Selected Municipalities, Pennsylvania, 2020**

Municipality	Race			Hispanic Origin
	All Races	White	Black	
Pennsylvania	726	409	202	94
Allentown	20	9	7	12
Altoona	5	4	1	0
Bethel Park	0	0	0	0
Bethlehem	4	1	1	0
Chambersburg	1	1	0	0
Chester	10	0	9	1
Easton	2	2	0	1
Erie	10	3	5	1
Harrisburg	15	0	10	4
Hazleton	2	0	1	2
Johnstown	4	2	2	0
Lancaster	5	0	2	4
Lebanon	1	1	0	1
Monroeville	1	1	0	0
Murrysville	0	0	0	0
New Castle	3	0	1	0
Norristown	2	0	0	2
Philadelphia	118	20	78	19
Pittsburgh	23	9	9	0
Plum	1	0	1	0
Pottstown	4	3	1	1
Reading	8	4	2	6
Scranton	4	1	1	2
State College	1	1	0	0
West Mifflin	3	2	1	0
Wilkes Barre	3	1	0	2
Williamsport	5	2	0	0
York	3	1	1	0
All Other Areas	468	341	69	36

Notes: Hispanic origin can be of any race.

See Technical Notes for criteria used in municipality selection.

Starting in 2013, the categorization for race data has changed. Please refer to Section J of the Technical Notes for further explanation.

Table C-40  
**Resident Infant Deaths by Race and Hispanic Origin  
for Selected Municipalities, Pennsylvania, 2016-2020**

Municipality	Race					Hispanic Origin
	All Races 2016-2020	White	Black	Asian/ Pacific Islander	Multi-Race	
Pennsylvania	4,012	2,188	1,227	87	149	521
Allentown	87	44	22	0	5	59
Altoona	22	19	2	0	0	0
Bethel Park	7	7	0	0	0	0
Bethlehem	15	6	3	0	3	5
Chambersburg	9	7	0	0	0	2
Chester	41	3	33	0	1	6
Easton	13	7	3	1	1	2
Erie	62	20	32	2	4	7
Harrisburg	52	8	29	0	1	13
Hazleton	17	5	2	0	0	13
Johnstown	22	7	11	0	1	0
Lancaster	30	9	6	1	0	19
Lebanon	12	8	2	0	2	5
Monroeville	7	3	4	0	0	0
Murrysville	4	3	0	0	0	0
New Castle	17	8	6	0	3	0
Norristown	15	4	7	0	0	6
Philadelphia	795	127	519	17	17	115
Pittsburgh	121	30	75	1	6	3
Plum	2	1	1	0	0	0
Pottstown	16	7	8	0	1	2
Reading	75	49	14	0	2	52
Scranton	33	20	7	0	1	8
State College	7	7	0	0	0	0
West Mifflin	10	6	3	0	0	1
Wilkes Barre	16	7	6	0	1	9
Williamsport	19	9	5	0	3	0
York	38	9	16	0	6	13
All Other Areas	2,448	1,748	411	65	91	181

Notes: Hispanic origin can be of any race.

See Technical Notes for criteria used in municipality selection.

Starting in 2013, the categorization for race data has changed. Please refer to Section J of the Technical Notes for further explanation.



Table C-41  
**Selected Causes of Death for Selected Municipalities**  
**Pennsylvania Residents, 2020**

Municipality	All Causes	Diseases of Heart				Cancer (Malignant Neoplasms)		
		Total Diseases of Heart	Ischemic Excl. Acute Myocardial Infarction	Acute Myocardial Infarction	Other Heart Disease	Total Malignant Neoplasms	Lung and Bronchus	Colon and Rectum
Pennsylvania	155,551	32,880	12,394	5,088	15,398	27,907	6,285	2,340
Allentown	1,185	201	58	36	107	171	36	20
Altoona	703	177	33	17	127	107	30	7
Bethel Park	437	87	39	14	34	100	16	9
Bethlehem	866	148	40	19	89	148	28	13
Chambersburg	408	80	27	8	45	58	13	3
Chester	455	79	24	12	43	81	20	7
Easton	261	64	37	3	24	38	8	3
Erie	1,126	209	73	37	99	195	55	19
Harrisburg	564	116	29	15	72	92	22	6
Hazleton	291	58	23	9	26	53	12	5
Johnstown	338	59	16	18	25	52	14	7
Lancaster	447	79	27	11	41	87	25	8
Lebanon	289	70	23	13	34	46	10	4
Monroeville	430	111	47	9	55	67	12	4
Murrysville	243	58	27	3	28	41	6	3
New Castle	461	114	37	14	63	60	19	3
Norristown	408	83	39	7	37	65	13	5
Philadelphia	18,089	3,798	1,749	369	1,680	2,994	691	227
Pittsburgh	3,125	738	374	113	251	535	116	57
Plum	336	63	23	9	31	78	13	8
Pottstown	288	68	28	8	32	54	13	5
Reading	787	146	26	64	56	103	25	9
Scranton	1,077	254	99	23	132	169	35	20
State College	147	36	12	2	22	24	1	1
West Mifflin	302	78	37	8	33	62	17	6
Wilkes Barre	670	147	67	16	64	105	28	10
Williamsport	307	68	15	22	31	63	14	5
York	499	73	37	7	29	77	20	7
All Other Areas	121,012	25,618	9,328	4,202	12,088	22,182	4,973	1,859

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

Table C-41 (Continued)  
**Selected Causes of Death for Selected Municipalities**  
**Pennsylvania Residents, 2020**

Municipality	Cancer (Malignant Neoplasms)					All Other Sites
	Female Breast	Pancreas	Prostate	Leukemia	Non-Hodgkin Lymphoma	
Pennsylvania	1,904	2,193	1,401	1,107	986	11,691
Allentown	13	11	8	11	6	66
Altoona	7	8	8	6	5	36
Bethel Park	4	10	6	5	4	46
Bethlehem	11	10	8	1	7	70
Chambersburg	5	5	3	3	3	23
Chester	7	5	2	6	1	33
Easton	4	2	4	2	1	14
Erie	12	12	7	2	5	83
Harrisburg	5	5	3	2	7	42
Hazleton	1	1	2	2	1	29
Johnstown	6	4	4	1	2	14
Lancaster	7	2	9	2	2	32
Lebanon	3	3	1	2	3	20
Monroeville	7	6	4	3	1	30
Murrysville	4	3	7	3	2	13
New Castle	2	2	3	2	1	28
Norristown	6	4	3	5	1	28
Philadelphia	235	219	154	105	76	1,287
Pittsburgh	34	40	33	19	19	217
Plum	8	11	4	6	2	26
Pottstown	4	2	0	4	2	24
Reading	4	4	8	3	3	47
Scranton	12	16	7	3	1	75
State College	3	3	1	2	0	13
West Mifflin	6	2	1	2	1	27
Wilkes Barre	4	12	6	6	2	37
Williamsport	1	2	1	1	5	34
York	3	5	4	0	6	32
All Other Areas	1,486	1,784	1,100	898	817	9,265

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

Table C-41 (Continued)  
**Selected Causes of Death for Selected Municipalities**  
**Pennsylvania Residents, 2020**

Municipality	Cerebrovascular Disease	Chronic Lower Respiratory Disease	Accidents			Alzheimer's Disease	Diabetes Mellitus
			Non-Transport	Motor Vehicle	Other Transport		
Pennsylvania	6,925	6,128	8,193	1,225	76	4,540	4,246
Allentown	36	29	101	15	1	34	45
Altoona	22	32	44	3	0	11	14
Bethel Park	24	21	19	1	0	9	13
Bethlehem	35	28	49	6	1	39	20
Chambersburg	21	19	5	4	0	7	18
Chester	21	18	18	3	0	7	9
Easton	4	8	21	2	0	2	15
Erie	48	56	61	10	1	36	41
Harrisburg	13	19	45	7	0	8	12
Hazleton	6	16	10	3	0	6	8
Johnstown	17	13	38	2	1	4	15
Lancaster	23	26	43	3	0	9	23
Lebanon	13	16	27	4	0	5	7
Monroeville	19	21	15	1	0	20	12
Murrysville	6	13	9	2	0	5	5
New Castle	15	26	29	2	0	20	19
Norristown	20	13	39	3	0	6	11
Philadelphia	794	564	1,345	169	8	315	479
Pittsburgh	136	145	265	15	1	75	70
Plum	14	11	11	2	0	11	9
Pottstown	9	13	19	4	0	1	5
Reading	30	34	76	9	0	5	27
Scranton	39	53	59	5	0	34	33
State College	18	2	3	0	0	10	0
West Mifflin	11	11	21	0	0	9	7
Wilkes Barre	27	29	44	1	1	11	20
Williamsport	11	20	23	2	0	10	9
York	21	20	82	2	1	8	24
All Other Areas	5,472	4,852	5,672	945	61	3,823	3,276

Table C-41 (Continued)  
**Selected Causes of Death for Selected Municipalities**  
**Pennsylvania Residents, 2020**

Municipality	Nephritis, Nephrotic Syn. & Nephrosis	Influenza & Pneumonia	Septicemia	Parkinson's Disease	Intentional Self-harm (Suicide)	Chronic Liver Disease & Cirrhosis	Essential Hypertension & Hypertensive Renal Disease
Pennsylvania	2,907	2,352	2,273	1,799	1,686	1,629	1,418
Allentown	17	13	13	10	11	21	11
Altoona	16	9	11	7	6	6	12
Bethel Park	10	11	5	8	3	6	4
Bethlehem	12	11	7	8	14	11	7
Chambersburg	6	4	5	9	1	4	3
Chester	14	7	2	0	2	5	5
Easton	1	3	2	1	5	4	2
Erie	32	21	17	1	11	16	15
Harrisburg	16	10	12	4	6	11	8
Hazleton	2	5	4	3	5	2	3
Johnstown	5	6	10	3	4	12	6
Lancaster	9	0	6	0	5	7	7
Lebanon	8	3	4	2	6	1	2
Monroeville	8	8	12	4	1	6	4
Murrysville	4	4	2	5	0	3	4
New Castle	4	6	2	6	3	10	5
Norristown	7	1	4	2	1	7	3
Philadelphia	321	239	373	128	166	116	149
Pittsburgh	52	56	47	17	33	38	30
Plum	7	2	4	7	6	3	2
Pottstown	11	4	4	0	4	6	1
Reading	15	9	14	4	9	12	4
Scranton	13	21	19	16	12	11	18
State College	5	2	1	2	2	0	5
West Mifflin	8	1	4	4	4	7	3
Wilkes Barre	13	3	13	3	6	9	15
Williamsport	4	5	3	3	2	3	3
York	9	7	6	3	6	10	2
All Other Areas	2,278	1,881	1,667	1,539	1,352	1,282	1,085

Table C-41 (Continued)  
**Selected Causes of Death for Selected Municipalities**  
**Pennsylvania Residents, 2020**

Municipality	Assault (Homicide)	In Situ, Benign, & Uncertain Neoplasms	Nutritional Deficiencies	Perinatal Conditions	Congenital Malformations & Chromosomal Anomalies	All Other Causes
Pennsylvania	988	838	563	382	360	46,236
Allentown	11	7	10	10	4	414
Altoona	2	5	0	2	1	216
Bethel Park	0	7	3	0	0	106
Bethlehem	1	2	7	3	2	307
Chambersburg	0	1	5	0	1	157
Chester	26	1	0	3	2	152
Easton	2	1	3	2	0	81
Erie	11	5	6	3	2	329
Harrisburg	17	4	5	9	4	146
Hazleton	0	1	2	1	0	103
Johnstown	1	3	1	0	0	86
Lancaster	5	3	1	1	1	109
Lebanon	1	3	1	1	1	68
Monroeville	1	3	3	1	1	112
Murrysville	0	2	1	0	0	79
New Castle	3	1	1	2	1	132
Norristown	5	3	2	0	4	129
Philadelphia	498	82	57	60	33	5,401
Pittsburgh	48	17	14	18	4	771
Plum	0	1	2	0	1	102
Pottstown	2	0	0	3	0	80
Reading	7	6	5	5	2	265
Scranton	3	3	0	3	1	311
State College	0	0	1	1	0	35
West Mifflin	2	1	0	2	2	65
Wilkes Barre	3	4	2	0	1	213
Williamsport	7	1	2	2	2	64
York	14	0	0	0	3	131
All Other Areas	318	671	429	250	287	36,072

Table C-42  
**Selected Causes of Death for Selected Municipalities**  
**Number and Average Annual Rate\*: Pennsylvania Residents, 2016-2020**

Municipality	Diseases of Heart		Cancer (Malignant Neoplasms)		Cerebrovascular Disease		Chronic Lower Respiratory Disease		Accidents	
	Number	Rate	Number	Rate	Number	Rate	Number	Rate	Number	Rate
Pennsylvania	161,979	252.3	140,288	218.6	33,532	52.2	32,064	50.0	44,397	69.2
Allentown	1,007	164.9	994	162.8	223	36.5	198	32.4	503	82.4
Altoona	742	337.9	564	256.8	112	51.0	154	70.1	185	84.2
Bethel Park	445	273.6	401	246.5	101	62.1	109	67.0	91	55.9
Bethlehem	824	217.9	782	206.8	168	44.4	128	33.8	257	67.9
Chambersburg	424	399.8	272	256.4	80	75.4	82	77.3	69	65.1
Chester	415	246.1	363	215.2	110	65.2	82	48.6	124	73.5
Easton	386	282.8	211	154.6	32	23.4	57	41.8	99	72.5
Erie	1,061	219.9	1,013	209.9	225	46.6	271	56.2	328	68.0
Harrisburg	534	216.5	442	179.2	78	31.6	87	35.3	247	100.1
Hazleton	342	265.7	238	184.9	41	31.8	61	47.4	120	93.2
Johnstown	336	348.7	293	304.0	71	73.7	87	90.3	192	199.2
Lancaster	386	130.7	422	142.9	103	34.9	100	33.9	219	74.2
Lebanon	342	263.1	252	193.8	61	46.9	80	61.5	104	80.0
Monroeville	490	352.0	351	252.1	101	72.6	89	63.9	99	71.1
Murrysville	271	270.8	218	217.9	44	44.0	47	47.0	55	55.0
New Castle	473	432.0	337	307.8	69	63.0	107	97.7	160	146.1
Norristown	390	224.9	308	177.6	95	54.8	58	33.4	156	90.0
Philadelphia	17,745	224.1	14,967	189.0	3,658	46.2	2,812	35.5	6,682	84.4
Pittsburgh	3,645	241.4	2,933	194.2	681	45.1	756	50.1	1,347	89.2
Plum	330	242.7	335	246.3	59	43.4	65	47.8	82	60.3
Pottstown	318	278.7	259	227.0	72	63.1	78	68.4	124	108.7
Reading	716	159.9	623	139.1	160	35.7	151	33.7	328	73.2
Scranton	1,320	343.1	907	235.8	191	49.7	271	70.4	309	80.3
State College	154	73.8	101	48.4	60	28.8	20	9.6	20	9.6
West Mifflin	394	399.2	291	294.8	74	75.0	61	61.8	101	102.3
Wilkes Barre	658	317.3	483	232.9	112	54.0	127	61.2	190	91.6
Williamsport	321	226.8	301	212.7	57	40.3	90	63.6	98	69.2
York	374	169.4	382	173.0	89	40.3	94	42.6	294	133.1
All Other Areas	127,136	258.8	111,245	226.5	26,605	54.2	25,742	52.4	31,814	64.8

\*Rate per 100,000 population for each specified area, 2016-2020.

# I N D U C E D A B O R T I O N S

# LIST OF DATA TABLES AND ILLUSTRATIONS

<b>INDUCED ABORTIONS DATA TABLES</b>	<b>PAGE</b>
Table D-1 Induced Abortions, Number and Rate, Pennsylvania Residents, and Number of Pennsylvania Occurrences, 1975, 1980-2020.....	179
Table D-2 Induced Abortions by Age of Woman, Number and Rate, Pennsylvania Residents, 2020, and Number, Pennsylvania Occurrences, 2020, 2010, 2005, 2000, 1995, 1990 and 1985 .....	179
Table D-3 Induced Abortions by Weeks of Gestation, Number and Percent: Pennsylvania Residents, 2020 .....	180
Table D-4 Induced Abortions by Primary Type of Procedure, Number and Percent: Pennsylvania Residents, 2020 .....	180
Table D-5 Induced Abortions by Race and Hispanic Origin of Woman and Marital Status, Number and Percent: Pennsylvania Residents, 2020.....	180
Table D-6 Induced Abortions by Age of Woman and County, Number and Rate: Pennsylvania Residents, 2020 .....	182
Table D-7 Induced Abortions by County of Procedure, Pennsylvania Occurrences, 2020 .....	184
<b>INDUCED ABORTIONS DATA ILLUSTRATIONS</b>	
<b>Figure D-1</b> Induced Abortions, Percent by Age Group, Pennsylvania Residents, 2020.....	181
<b>Figure D-2</b> Induced Abortions, Percent by Weeks of Gestation, Pennsylvania Residents, 2020.....	181



Table D-1  
**Induced Abortions, Number and Rate, Pennsylvania Residents,  
and Number of Pennsylvania Occurrences, 1975, 1980-2020**

Year	Residents		Number of Occurrences
	Number	Rate*	
2020	29,979	12.4	32,123
2019	28,796	12.1	31,018
2018	28,240	11.8	30,364
2017	28,234	11.8	30,011
2016	29,214	12.3	30,881
2015	30,232	12.6	31,818
2014	30,764	12.8	32,126
2013	30,749	12.7	32,108
2012	33,166	13.7	34,536
2011	34,459	14.2	36,280
2010	35,227	14.4	36,778
2009	35,684	14.3	37,284
2008	37,222	15.1	38,807
2007	35,217	14.2	36,663
2006	35,192	14.1	36,731
2005	33,468	13.4	34,909
2004	34,517	13.7	36,030
2003	35,215	14.0	36,908
2002	33,503	13.3	35,167
2001	35,025	13.8	36,820
2000	33,901	13.2	35,630
1999	32,863	13.1	34,494
1998	33,954	13.4	35,617
1997	35,478	13.9	37,135
1996	36,158	14.0	38,004
1995	37,173	14.3	39,050
1994	39,628	15.0	41,645
1993	45,198	17.1	47,926
1992	45,847	17.1	49,042
1991	47,750	17.8	50,988
1990	49,076	18.3	52,143
1989	48,274	17.5	51,341
1988	47,802	17.4	50,786
1987	48,931	17.9	51,630
1986	49,537	18.2	51,666
1985	51,054	18.8	53,465
1984	56,462	20.9	59,258
1983	55,726	20.7	59,288
1982	56,901	21.3	60,772
1981	58,820	22.1	62,701
1980	61,064	23.1	65,777
1975	38,050	15.1	43,319

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

Table D-2  
**Induced Abortions by Age of Woman, Number and Rate, Pennsylvania Residents, 2020  
and Number, Pennsylvania Occurrences, 2020, 2010, 2005, 2000, 1995, 1990 and 1985**

Age of Woman (In Years)	2020 Residents		Occurrences						
	Number	Rate*	2020	2010	2005	2000	1995	1990	1985
All Ages	29,979	12.4	32,123	36,778	34,909	35,630	39,050	52,143	53,465
Under 15	96	0.3	102	190	226	304	375	484	564
15 - 19	2,300	5.7	2,437	5,728	5,760	6,505	7,297	12,052	13,955
20 - 24	7,993	20.4	8,627	12,930	11,714	11,643	12,797	17,556	18,605
25 - 29	9,215	22.4	9,841	8,522	7,903	7,800	8,778	10,824	11,203
30 - 34	6,250	14.5	6,682	5,258	5,028	5,196	5,500	6,822	5,802
35 - 39	3,099	7.6	3,344	2,999	3,105	3,063	3,355	3,503	2,677
40 - 44	937	2.5	994	1,031	1,098	1,064	900	859	603
45 & Over	89	0.2	96	109	74	55	48	43	35
Unknown	0	-	0	11	1	0	0	0	21

\*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, 2020**

Weeks of Gestation	Number	Percent
Total	29,979	100.0
8 Weeks or Less	20,596	68.7
9 - 10	4,388	14.6
11 - 12	1,966	6.6
13 - 14	1,158	3.9
15 - 17	971	3.2
18 - 20	530	1.8
21 - 23	370	1.2
24 Weeks or More	0	0.0

Table D-4  
**Induced Abortions by Primary Type of Procedure**  
**Number and Percent: Pennsylvania Residents, 2020**

Primary Type of Procedure	Number	Percent
Total	29,979	100.0
Suction Curettage	13,407	44.7
Dilation & Evacuation	1,165	3.9
Medication	15,290	51.0
Other	117	0.4

Table D-5  
**Induced Abortions by Race and Hispanic Origin of Woman and Marital Status**  
**Number and Percent\*: Pennsylvania Residents, 2020**

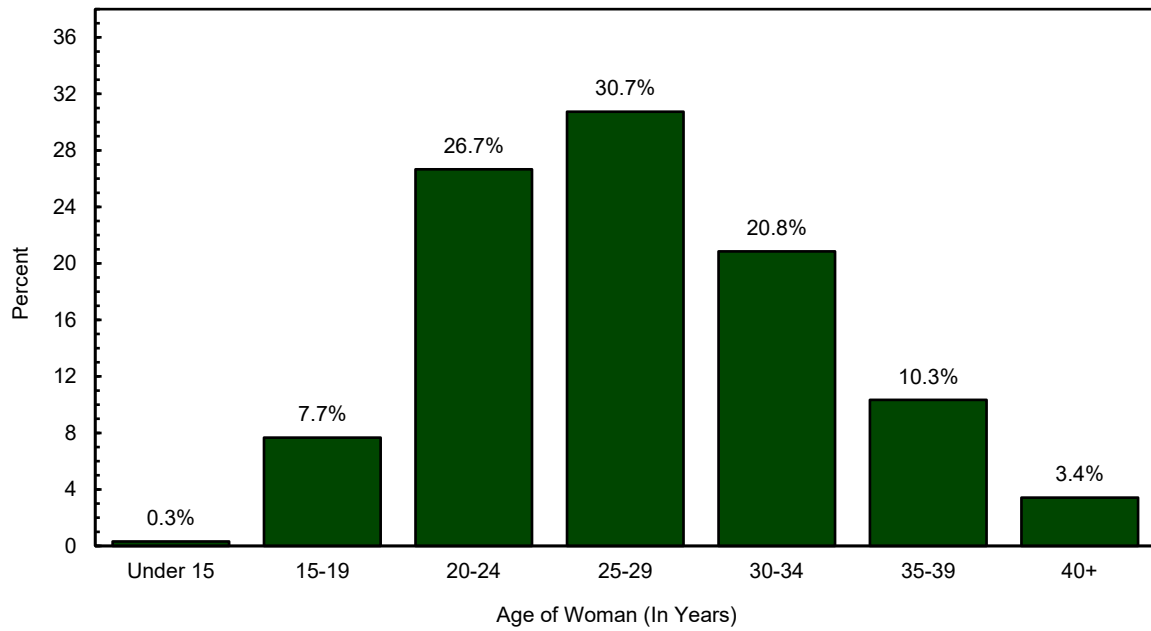
Race and Hispanic Origin of Woman	Total Induced Abortions	Marital Status**			
		Married		Unmarried	
		Number	Percent	Number	Percent
All Races	29,979	3,443	11.5	26,464	88.5
White	13,650	2,005	14.7	11,625	85.3
Black	13,399	678	5.1	12,705	94.9
Asian/Pacific Isl.	1,034	543	52.7	487	47.3
Multi-Race	1,074	94	8.8	979	91.2
Hispanic Origin	3,334	403	12.1	2,927	87.9

\* Percent of total induced abortions for each specified group. Unknowns excluded from calculations.

\*\* Unknown marital status included in total induced abortions.

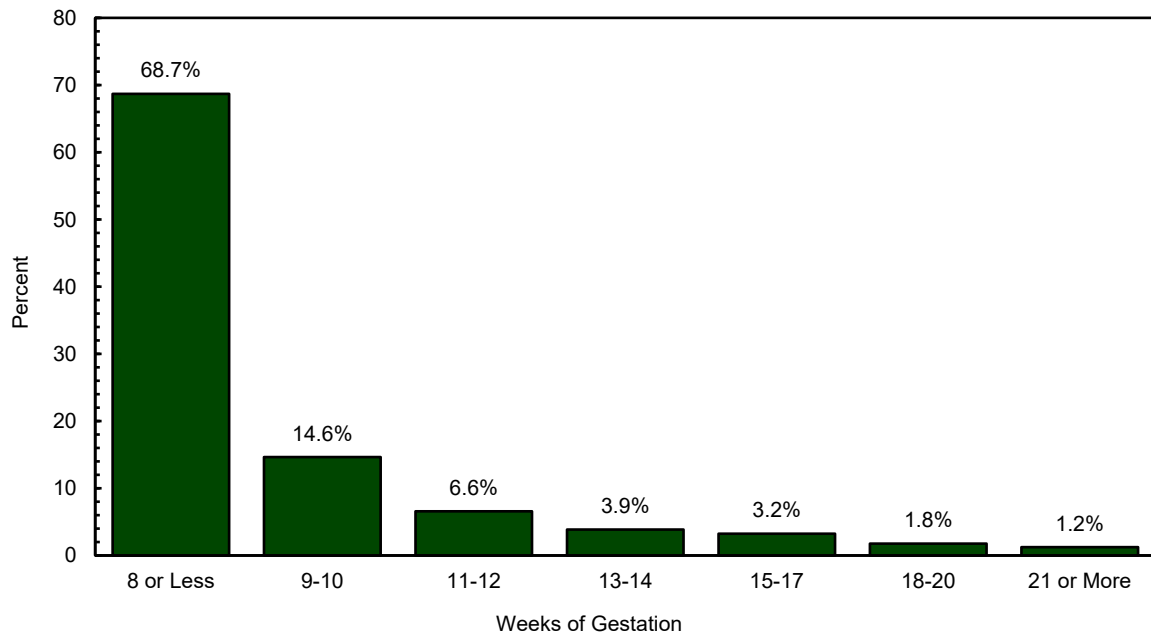
Note: Hispanic origin can be of any race. Percents may not sum to 100 due to rounding.

Figure D-1  
**Induced Abortions, Percent by Age Group**  
**Pennsylvania Residents, 2020**



Note: Percents may not sum to 100 due to rounding.

Figure D-2  
**Induced Abortions, Percent by Weeks of Gestation**  
**Pennsylvania Residents, 2020**



Note: Percents may not sum to 100 due to rounding.

Table D-6  
**Induced Abortions by Age of Woman and County**  
**Number and Rate\*: Pennsylvania Residents, 2020**

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
Pennsylvania	29,979	12.4	96	2,300	7,993	9,215	6,250	3,099	937	89
Adams	58	3.3	0	2	20	18	11	6	1	0
Allegheny	3,083	12.6	15	222	845	946	652	305	90	8
Armstrong	48	4.7	0	4	11	14	15	1	3	0
Beaver	290	10.3	3	21	82	87	60	25	12	0
Bedford	13	1.8	0	4	2	3	2	2	0	0
Berks	888	11.1	3	60	299	254	174	70	24	4
Blair	106	5.0	0	15	35	28	16	6	6	0
Bradford	6	ND	0	1	3	2	0	0	0	0
Bucks	962	8.7	2	70	222	270	199	138	57	4
Butler	157	4.7	0	14	39	48	32	19	5	0
Cambria	141	6.5	0	13	45	43	28	9	3	0
Cameron	5	ND	0	0	3	1	1	0	0	0
Carbon	99	9.7	0	6	32	27	17	15	2	0
Centre	117	3.3	1	5	44	27	23	12	5	0
Chester	882	9.0	0	80	220	225	197	116	37	7
Clarion	23	3.2	0	0	5	7	8	2	1	0
Clearfield	59	4.9	0	5	15	16	14	6	2	1
Clinton	26	3.6	0	1	13	10	2	0	0	0
Columbia	79	6.0	0	5	27	30	7	5	4	1
Crawford	41	2.8	0	3	13	9	8	5	3	0
Cumberland	275	5.7	0	14	81	84	61	26	9	0
Dauphin	931	17.0	1	81	262	271	206	82	26	2
Delaware	1,857	16.4	4	130	443	553	439	213	67	8
Elk	20	4.4	0	1	9	5	4	0	1	0
Erie	233	4.6	0	22	68	79	36	21	7	0
Fayette	175	8.4	0	14	48	54	34	19	6	0
Forest	5	ND	0	2	1	0	2	0	0	0
Franklin	36	1.3	1	7	9	9	6	2	1	1
Fulton	2	ND	0	0	1	1	0	0	0	0
Greene	47	8.1	0	5	16	17	7	2	0	0
Huntingdon	23	3.3	0	1	7	8	5	0	2	0
Indiana	81	5.0	1	6	26	16	22	9	1	0
Jefferson	26	3.6	0	5	5	6	7	2	1	0

(Continued)

Table D-6  
**Induced Abortions by Age of Woman and County  
 Number and Rate\*: Pennsylvania Residents, 2020**

County	All Ages	Rate	Age of Woman (In Years)							45 & Over
			Under 15	15-19	20-24	25-29	30-34	35-39	40-44	
Juniata	13	3.4	0	2	2	4	2	2	1	0
Lackawanna	311	8.0	1	23	88	90	60	38	9	2
Lancaster	617	6.0	3	48	183	177	118	74	14	0
Lawrence	116	8.2	0	9	28	37	24	11	7	0
Lebanon	160	6.3	1	10	51	46	24	24	3	1
Lehigh	960	13.3	0	91	273	284	173	100	37	2
Luzerne	709	12.5	7	59	210	216	127	72	17	1
Lycoming	121	5.9	1	9	43	28	29	8	3	0
McKean	12	1.8	0	1	4	4	1	2	0	0
Mercer	101	5.5	1	12	32	30	17	5	4	0
Mifflin	33	4.5	1	3	9	15	3	2	0	0
Monroe	373	12.3	0	37	95	110	77	39	13	2
Montgomery	1,712	10.8	2	116	412	483	366	249	77	7
Montour	13	4.3	0	0	2	3	4	1	3	0
Northampton	557	9.8	4	46	127	168	112	74	21	5
Northumberland	105	7.2	0	12	32	33	14	11	3	0
Perry	42	5.6	0	1	13	16	8	4	0	0
Philadelphia	11,301	30.5	37	821	2,892	3,751	2,429	1,059	285	27
Pike	49	5.7	0	3	14	15	11	4	2	0
Potter	4	ND	0	1	1	0	0	1	0	1
Schuylkill	225	10.0	1	15	59	65	51	23	10	1
Snyder	23	3.1	0	8	5	7	1	2	0	0
Somerset	44	4.2	0	7	13	8	9	3	4	0
Sullivan	2	ND	0	0	0	1	1	0	0	0
Susquehanna	22	3.9	0	2	3	5	6	3	3	0
Tioga	12	1.7	0	4	1	2	3	2	0	0
Union	20	2.7	0	1	4	7	3	3	2	0
Venango	28	3.6	0	1	10	6	5	5	1	0
Warren	10	1.7	0	1	3	2	2	1	1	0
Washington	263	7.4	1	24	63	66	66	35	8	0
Wayne	37	5.3	0	0	10	13	6	8	0	0
Westmoreland	390	7.0	3	39	117	106	74	36	14	1
Wyoming	38	9.0	0	6	13	9	6	3	1	0
York	759	9.2	2	68	230	239	123	76	18	3

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

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

Total includes unknown county.

Table D-7  
**Induced Abortions by County of Procedure**  
**Pennsylvania Occurrences, 2020**

County	Number	County	Number
Pennsylvania	32,123		
Adams	0	Lackawanna	0
Allegheny	6,480	Lancaster	0
Armstrong	0	Lawrence	0
Beaver	0	Lebanon	0
Bedford	0	Lehigh	1,479
Berks	823	Luzerne	503
Blair	0	Lycoming	0
Bradford	0	McKean	0
Bucks	885	Mercer	0
Butler	0	Mifflin	0
Cambria	0	Monroe	0
Cameron	0	Montgomery	989
Carbon	0	Montour	2
Centre	0	Northampton	2,174
Chester	1,153	Northumberland	0
Clarion	0	Perry	0
Clearfield	0	Philadelphia	13,197
Clinton	0	Pike	0
Columbia	0	Potter	0
Crawford	0	Schuylkill	0
Cumberland	0	Snyder	0
Dauphin	1,254	Somerset	0
Delaware	1,754	Sullivan	0
Elk	0	Susquehanna	0
Erie	0	Tioga	0
Fayette	0	Union	1
Forest	0	Venango	0
Franklin	0	Warren	0
Fulton	0	Washington	0
Greene	0	Wayne	0
Huntingdon	0	Westmoreland	0
Indiana	0	Wyoming	0
Jefferson	0	York	1,429
Juniata	0		

# REPORTED PREGNANCIES

# LIST OF DATA TABLES AND ILLUSTRATIONS

<b>REPORTED PREGNANCIES DATA TABLES</b>		<b>PAGE</b>
Table E-1	Reported Pregnancies, Number and Rate: Pennsylvania Residents, 1980-2020.....	186
Table E-2	Reported Pregnancies by Age of Woman, Number and Rate: Pennsylvania Residents, 2020, 2010, 2000 and 1990.....	186
Table E-3	Reported Pregnancies by Age, Race and Hispanic Origin of Woman, Number and Rate: Pennsylvania Residents, 2020.....	187
Table E-4	Reported Pregnancies by Race and Hispanic Origin of Woman and Outcome, Number and Percent: Pennsylvania Residents, 2020.....	187
Table E-5	Reported Pregnancies by Outcome, Woman's Age Group and County of Residence, Pennsylvania, 2020.....	189
Table E-6	Reported Pregnancies by Outcome, Woman's Age Group and County of Residence, Pennsylvania, Five-Year Summary, 2016-2020.....	193
Table E-7	Reported Pregnancy Rates by Woman's Age Group and County of Residence, Pennsylvania, 2020.....	197
Table E-8	Average Annual Reported Pregnancy Rates by Woman's Age Group and County of Residence, Pennsylvania, 2016-2020.....	198
Table E-9	Reported Pregnancies by Outcome and County of Residence, Number and Percent, Pennsylvania, 2020.....	199
 <b>REPORTED PREGNANCIES DATA ILLUSTRATIONS</b>		 <b>PAGE</b>
Figure E-1	Reported Pregnancies, Percent by Woman's Age Group, Pennsylvania, 2020.....	188
Figure E-2	Reported Pregnancies, Percent by Race and Hispanic Origin of Woman and Outcome, Pennsylvania, 2020.....	188



Table E-1  
**Reported Pregnancies, Number and Rate\***  
**Pennsylvania Residents, 1980-2020**

Year	Number	Rate
2020	161,677	66.8
2019	164,212	68.9
2018	165,082	69.3
2017	167,255	70.2
2016	169,836	71.3
2015	172,220	71.7
2014	174,100	72.3
2013	172,431	71.4
2012	175,438	72.3
2011	177,831	73.1
2010	179,003	73.3
2009	182,625	73.4
2008	187,696	76.0
2007	187,112	75.4
2006	185,257	74.1
2005	179,896	71.9
2004	180,060	71.7
2003	182,092	72.3
2002	177,290	70.1
2001	179,915	70.9
2000	181,321	70.8
1999	179,291	71.5
1998	181,218	71.7
1997	181,016	70.9
1996	185,587	71.8
1995	189,713	72.8
1994	197,772	75.1
1993	206,537	77.9
1992	211,205	79.0
1991	217,330	80.9
1990	222,084	82.6
1989	218,258	79.2
1988	214,884	78.1
1987	213,173	77.9
1986	211,649	77.7
1985	212,828	78.2
1984	215,070	79.4
1983	215,506	80.0
1982	220,394	82.3
1981	220,936	83.0
1980	222,220	84.2

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

Table E-2  
**Reported Pregnancies by Age of Woman, Number and Rate\***  
**Pennsylvania Residents, 2020, 2010, 2000 and 1990**

Age of Woman (In Years)	2020		2010		2000		1990	
	Number	Rate	Number	Rate	Number	Rate	Number	Rate
All Ages	161,677	66.8	179,003	73.3	181,321	70.8	222,084	82.6
Under 15	153	0.4	340	0.9	596	1.4	900	2.4
15 - 17	1,907	8.2	5,326	21.2	6,837	28.1	10,557	47.8
18 - 19	5,321	31.2	12,205	63.8	13,658	78.5	19,056	105.0
20 - 29	76,053	94.7	93,850	114.3	90,358	122.2	123,875	138.0
30 & Over	78,224	49.0	67,150	40.4	69,872	37.5	67,696	39.2
Unknown	19	-	132	-	**	-	**	-

\* Rate per 1,000 female population for each year by age group. All ages includes females age 15-44 years; under 15 includes females age 10-14 years; and 30 & over includes females age 30-49 years.

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

Note: Unknowns excluded from calculations for 2010 and 2020.

Table E-3  
**Reported Pregnancies by Age, Race and Hispanic Origin of Woman  
 Number and Rate\*: Pennsylvania Residents, 2020**

Age of Woman (In Years)	Race										Hispanic Origin	
	All Races		White		Black		Asian/Pacific Islander		Multi-Race		Number	Rate
	Number	Rate	Number	Rate	Number	Rate	Number	Rate	Number	Rate		
All Ages	161,677	66.8	104,929	55.9	32,197	94.1	7,138	56.9	5,784	92.0	20,125	83.7
Under 15	153	0.4	60	0.2	67	1.2	1	ND	14	0.7	32	0.7
15 - 17	1,907	8.2	779	4.4	689	20.3	18	1.8	160	15.9	494	18.1
18 - 19	5,321	31.2	2,643	20.0	1,636	69.8	65	8.0	341	55.9	1,237	67.8
20 - 24	29,689	75.9	16,848	55.9	7,827	137.7	573	31.2	1,630	124.8	5,476	132.4
25 - 29	46,364	112.7	29,480	94.2	10,258	159.6	1,673	80.8	1,699	148.8	5,852	142.1
30 - 34	48,671	113.3	34,480	103.9	7,421	118.5	2,854	117.3	1,182	132.1	4,289	108.9
35 - 39	24,133	59.5	17,112	53.2	3,338	64.2	1,596	69.0	612	84.7	2,138	56.0
40 - 44	5,046	13.4	3,289	11.0	882	18.0	323	15.6	133	21.8	561	16.1
45 & Over	374	1.0	224	0.7	75	1.6	35	1.9	13	2.5	44	1.5
Unknown	19	-	14	-	4	-	0	-	0	-	2	-

\* Rate per 1,000 female population for each specified group, 2020. All ages includes females age 15-44 years; under 15 includes females 10-14 years; and 45 & over includes females age 45-49 years.

Notes: Unknowns excluded from calculations.

Hispanic origin can be of any race.

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

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

Starting with 2013, the collection of race data for live births and fetal deaths have changed. Please refer to Section J of the Technical Notes for further explanation.

Table E-4  
**Reported Pregnancies by Race and Hispanic Origin of Woman and Outcome  
 Number and Percent\*: Pennsylvania Residents, 2020**

Race and Hispanic Origin of Woman	Reported Pregnancies	Outcome					
		Live Births		Fetal Deaths		Induced Abortions	
		Number	Percent	Number	Percent	Number	Percent
All Races	161,677	130,730	80.9	968	0.6	29,979	18.5
White	104,929	90,711	86.4	568	0.5	13,650	13.0
Black	32,197	18,581	57.7	217	0.7	13,399	41.6
Asian/Pac. Isl.	7,138	6,068	85.0	36	0.5	1,034	14.5
Multi-Race	5,784	4,688	81.1	22	0.4	1,074	18.6
Hispanic Origin	20,125	16,700	83.0	91	0.5	3,334	16.6

\* Percent of total reported pregnancies for each specified group.

Notes: Hispanic origin can be of any race. Percents may not sum to 100 due to rounding.

Starting with 2003, the collection process for race data on the birth certificate has changed.

Please refer to Section F of the Technical Notes for further explanation.

Starting with 2013, the collection of race data for live births and fetal death have changed. Please refer to Section J of the Technical Notes for further explanation.

Figure E-1  
**Reported Pregnancies, Percent by Woman's Age Group**  
**Pennsylvania Residents, 2020**

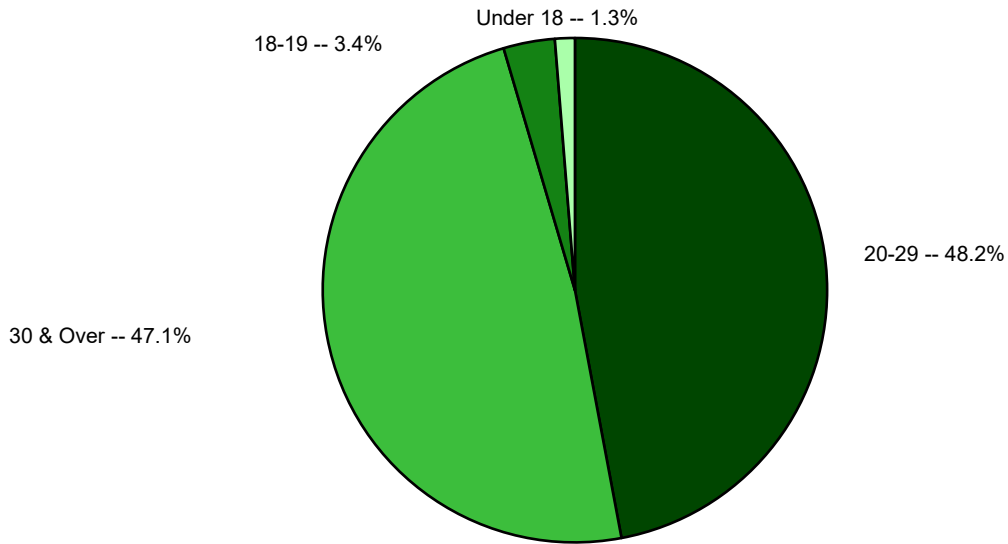
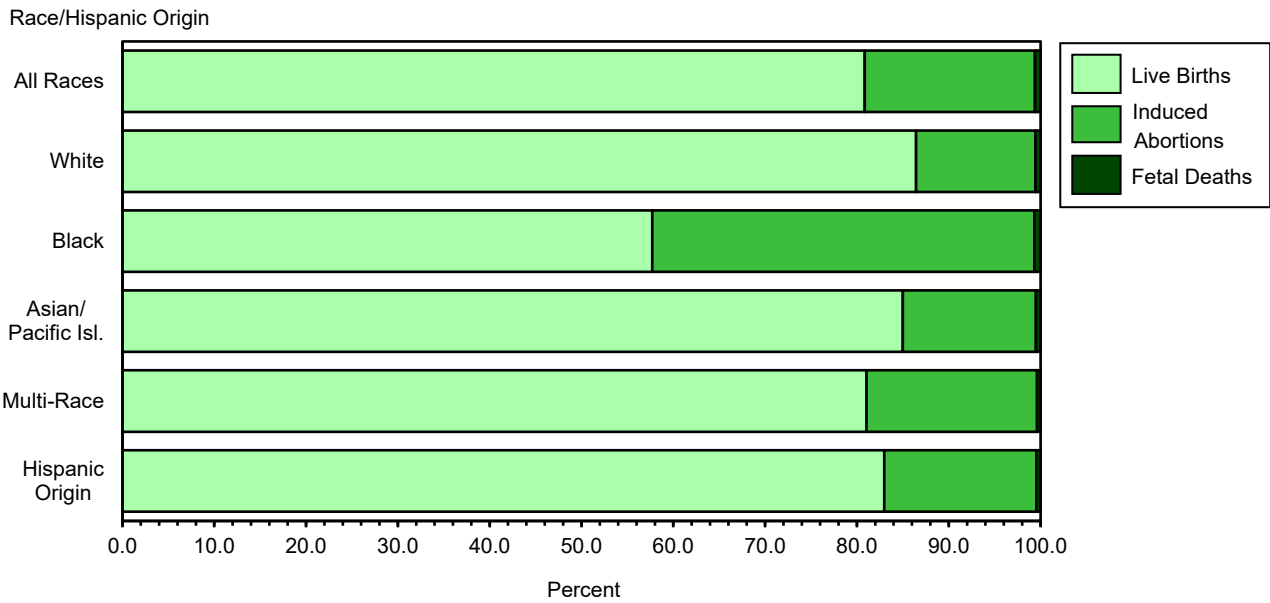


Figure E-2  
**Reported Pregnancies by Race and Hispanic Origin of Woman**  
**and Outcome, Pennsylvania Residents, 2020**



Note: Hispanic origin can be of any race.

Starting in 2013, the categorization of race data for live births and fetal deaths have changed. Please refer to Section J of the Technical Notes for further explanation.

Table E-5  
**Reported Pregnancies by Outcome, Woman's Age Group  
and County of Residence, Pennsylvania, 2020**

County/ Age of Woman*	Reported Pregnancies	Live Births	Fetal Deaths	Induced Abortions
<b>Pennsylvania</b>				
All Ages	161,677	130,730	968	29,979
Under 15	153	57	0	96
15-17	1,907	1,266	15	626
18-19	5,321	3,611	36	1,674
20-29	76,053	58,423	422	17,208
30 & Over	78,224	67,355	494	10,375
<b>Adams</b>				
All Ages	967	904	5	58
Under 15	0	0	0	0
15-17	8	8	0	0
18-19	32	30	0	2
20-29	510	468	4	38
30 & Over	417	398	1	18
<b>Allegheny</b>				
All Ages	15,341	12,188	70	3,083
Under 15	21	6	0	15
15-17	158	80	2	76
18-19	377	228	3	146
20-29	6,247	4,430	26	1,791
30 & Over	8,537	7,444	38	1,055
<b>Armstrong</b>				
All Ages	628	577	3	48
Under 15	1	1	0	0
15-17	2	2	0	0
18-19	20	16	0	4
20-29	364	338	1	25
30 & Over	241	220	2	19
<b>Beaver</b>				
All Ages	1,846	1,542	14	290
Under 15	4	1	0	3
15-17	29	23	0	6
18-19	70	55	0	15
20-29	878	702	7	169
30 & Over	865	761	7	97
<b>Bedford</b>				
All Ages	485	470	2	13
Under 15	0	0	0	0
15-17	3	3	0	0
18-19	16	12	0	4
20-29	281	275	1	5
30 & Over	185	180	1	4
<b>Berks</b>				
All Ages	5,285	4,362	35	888
Under 15	6	3	0	3
15-17	78	62	0	16
18-19	214	166	4	44
20-29	2,780	2,209	18	553
30 & Over	2,207	1,922	13	272
<b>Blair</b>				
All Ages	1,297	1,181	10	106
Under 15	1	1	0	0
15-17	18	15	0	3
18-19	57	45	0	12
20-29	716	650	3	63
30 & Over	505	470	7	28
<b>Bradford</b>				
All Ages	649	639	4	6
Under 15	0	0	0	0
15-17	8	8	0	0
18-19	34	33	0	1
20-29	385	376	4	5
30 & Over	222	222	0	0

County/ Age of Woman*	Reported Pregnancies	Live Births	Fetal Deaths	Induced Abortions
<b>Bucks</b>				
All Ages	6,448	5,461	25	962
Under 15	2	0	0	2
15-17	27	17	0	10
18-19	107	47	0	60
20-29	2,240	1,740	8	492
30 & Over	4,071	3,656	17	398
<b>Butler</b>				
All Ages	1,851	1,677	17	157
Under 15	0	0	0	0
15-17	8	7	0	1
18-19	39	26	0	13
20-29	742	651	4	87
30 & Over	1,061	992	13	56
<b>Cambria</b>				
All Ages	1,340	1,193	6	141
Under 15	0	0	0	0
15-17	24	20	0	4
18-19	50	41	0	9
20-29	744	653	3	88
30 & Over	522	479	3	40
<b>Cameron</b>				
All Ages	34	28	1	5
Under 15	0	0	0	0
15-17	1	1	0	0
18-19	1	1	0	0
20-29	25	21	0	4
30 & Over	7	5	1	1
<b>Carbon</b>				
All Ages	708	604	5	99
Under 15	0	0	0	0
15-17	8	5	0	3
18-19	19	16	0	3
20-29	357	296	2	59
30 & Over	324	287	3	34
<b>Centre</b>				
All Ages	1,188	1,065	6	117
Under 15	1	0	0	1
15-17	2	2	0	0
18-19	16	9	2	5
20-29	511	438	2	71
30 & Over	658	616	2	40
<b>Chester</b>				
All Ages	6,148	5,233	33	882
Under 15	3	3	0	0
15-17	56	23	0	33
18-19	117	69	1	47
20-29	2,027	1,577	5	445
30 & Over	3,945	3,561	27	357
<b>Clarion</b>				
All Ages	383	359	1	23
Under 15	0	0	0	0
15-17	2	2	0	0
18-19	9	9	0	0
20-29	226	213	1	12
30 & Over	146	135	0	11
<b>Clearfield</b>				
All Ages	742	677	6	59
Under 15	0	0	0	0
15-17	11	7	0	4
18-19	24	23	0	1
20-29	420	386	3	31
30 & Over	287	261	3	23

(Continued)

Table E-5  
**Reported Pregnancies by Outcome, Woman's Age Group  
and County of Residence, Pennsylvania, 2020**

County/ Age of Woman*	Reported Pregnancies	Live Births	Fetal Deaths	Induced Abortions	County/ Age of Woman*	Reported Pregnancies	Live Births	Fetal Deaths	Induced Abortions
<b>Clinton</b>					<b>Forest</b>				
All Ages	438	411	1	26	All Ages	35	30	0	5
Under 15	0	0	0	0	Under 15	0	0	0	0
15-17	1	1	0	0	15-17	0	0	0	0
18-19	16	15	0	1	18-19	2	0	0	2
20-29	279	255	1	23	20-29	21	20	0	1
30 & Over	141	139	0	2	30 & Over	12	10	0	2
<b>Columbia</b>					<b>Franklin</b>				
All Ages	625	544	2	79	All Ages	1,668	1,616	16	36
Under 15	0	0	0	0	Under 15	4	3	0	1
15-17	5	5	0	0	15-17	16	15	0	1
18-19	18	13	0	5	18-19	49	41	2	6
20-29	356	298	1	57	20-29	918	895	5	18
30 & Over	246	228	1	17	30 & Over	681	662	9	10
<b>Crawford</b>					<b>Fulton</b>				
All Ages	880	830	9	41	All Ages	145	142	1	2
Under 15	1	1	0	0	Under 15	0	0	0	0
15-17	5	4	1	0	15-17	0	0	0	0
18-19	41	38	0	3	18-19	6	6	0	0
20-29	497	471	4	22	20-29	98	95	1	2
30 & Over	336	316	4	16	30 & Over	41	41	0	0
<b>Cumberland</b>					<b>Greene</b>				
All Ages	2,909	2,600	34	275	All Ages	404	355	2	47
Under 15	1	1	0	0	Under 15	0	0	0	0
15-17	17	15	0	2	15-17	7	6	0	1
18-19	60	48	0	12	18-19	22	18	0	4
20-29	1,353	1,169	19	165	20-29	255	220	2	33
30 & Over	1,478	1,367	15	96	30 & Over	120	111	0	9
<b>Dauphin</b>					<b>Huntingdon</b>				
All Ages	4,293	3,334	28	931	All Ages	393	367	3	23
Under 15	1	0	0	1	Under 15	0	0	0	0
15-17	72	45	1	26	15-17	7	7	0	0
18-19	172	117	0	55	18-19	23	22	0	1
20-29	2,179	1,626	20	533	20-29	240	224	1	15
30 & Over	1,867	1,544	7	316	30 & Over	123	114	2	7
<b>Delaware</b>					<b>Indiana</b>				
All Ages	8,179	6,277	45	1,857	All Ages	869	777	11	81
Under 15	6	2	0	4	Under 15	2	1	0	1
15-17	89	55	0	34	15-17	9	9	0	0
18-19	220	123	1	96	18-19	26	20	0	6
20-29	3,255	2,238	21	996	20-29	501	453	6	42
30 & Over	4,608	3,858	23	727	30 & Over	331	294	5	32
<b>Elk</b>					<b>Jefferson</b>				
All Ages	276	253	3	20	All Ages	502	472	4	26
Under 15	0	0	0	0	Under 15	0	0	0	0
15-17	2	1	0	1	15-17	6	4	0	2
18-19	5	5	0	0	18-19	21	18	0	3
20-29	157	141	2	14	20-29	312	300	1	11
30 & Over	112	106	1	5	30 & Over	163	150	3	10
<b>Erie</b>					<b>Juniata</b>				
All Ages	2,862	2,611	18	233	All Ages	327	310	4	13
Under 15	1	1	0	0	Under 15	0	0	0	0
15-17	53	41	2	10	15-17	2	2	0	0
18-19	122	110	0	12	18-19	13	11	0	2
20-29	1,516	1,359	10	147	20-29	187	179	2	6
30 & Over	1,170	1,100	6	64	30 & Over	125	118	2	5
<b>Fayette</b>					<b>Lackawanna</b>				
All Ages	1,448	1,271	2	175	All Ages	2,362	2,044	7	311
Under 15	1	1	0	0	Under 15	2	1	0	1
15-17	28	24	0	4	15-17	25	18	0	7
18-19	62	52	0	10	18-19	79	63	0	16
20-29	871	768	1	102	20-29	1,090	909	3	178
30 & Over	486	426	1	59	30 & Over	1,166	1,053	4	109

(Continued)

Table E-5  
**Reported Pregnancies by Outcome, Woman's Age Group  
and County of Residence, Pennsylvania, 2020**

County/ Age of Woman*	Reported Pregnancies	Live Births	Fetal Deaths	Induced Abortions	County/ Age of Woman*	Reported Pregnancies	Live Births	Fetal Deaths	Induced Abortions
<b>Lancaster</b>					<b>Monroe</b>				
All Ages	7,532	6,858	57	617	All Ages	1,815	1,433	9	373
Under 15	5	2	0	3	Under 15	1	1	0	0
15-17	51	41	0	10	15-17	23	14	0	9
18-19	176	136	2	38	18-19	53	24	1	28
20-29	3,832	3,443	29	360	20-29	904	695	4	205
30 & Over	3,466	3,234	26	206	30 & Over	834	699	4	131
<b>Lawrence</b>					<b>Montgomery</b>				
All Ages	958	840	2	116	All Ages	10,037	8,278	47	1,712
Under 15	0	0	0	0	Under 15	3	1	0	2
15-17	11	9	0	2	15-17	59	32	1	26
18-19	41	34	0	7	18-19	203	113	0	90
20-29	537	470	2	65	20-29	3,338	2,431	12	895
30 & Over	369	327	0	42	30 & Over	6,432	5,699	34	699
<b>Lebanon</b>					<b>Montour</b>				
All Ages	1,721	1,552	9	160	All Ages	234	220	1	13
Under 15	1	0	0	1	Under 15	0	0	0	0
15-17	17	14	0	3	15-17	1	1	0	0
18-19	57	50	0	7	18-19	5	5	0	0
20-29	916	816	3	97	20-29	87	81	1	5
30 & Over	730	672	6	52	30 & Over	141	133	0	8
<b>Lehigh</b>					<b>Northampton</b>				
All Ages	5,077	4,086	31	960	All Ages	3,351	2,781	13	557
Under 15	3	3	0	0	Under 15	4	0	0	4
15-17	74	56	0	18	15-17	34	23	0	11
18-19	213	139	1	73	18-19	120	83	2	35
20-29	2,472	1,899	16	557	20-29	1,494	1,193	6	295
30 & Over	2,314	1,988	14	312	30 & Over	1,699	1,482	5	212
<b>Luzerne</b>					<b>Northumberland</b>				
All Ages	3,920	3,181	30	709	All Ages	991	877	9	105
Under 15	8	1	0	7	Under 15	1	1	0	0
15-17	61	49	0	12	15-17	14	13	0	1
18-19	176	128	1	47	18-19	50	38	1	11
20-29	2,033	1,593	14	426	20-29	560	491	4	65
30 & Over	1,641	1,409	15	217	30 & Over	366	334	4	28
<b>Lycoming</b>					<b>Perry</b>				
All Ages	1,309	1,172	16	121	All Ages	511	467	2	42
Under 15	1	0	0	1	Under 15	0	0	0	0
15-17	12	11	0	1	15-17	2	2	0	0
18-19	55	46	1	8	18-19	20	19	0	1
20-29	714	635	8	71	20-29	272	242	1	29
30 & Over	526	479	7	40	30 & Over	215	202	1	12
<b>McKean</b>					<b>Philadelphia</b>				
All Ages	389	376	1	12	All Ages	31,357	19,884	172	11,301
Under 15	0	0	0	0	Under 15	50	13	0	37
15-17	7	7	0	0	15-17	551	314	6	231
18-19	13	12	0	1	18-19	1,336	738	8	590
20-29	242	233	1	8	20-29	15,490	8,776	71	6,643
30 & Over	127	124	0	3	30 & Over	13,929	10,042	87	3,800
<b>Mercer</b>					<b>Pike</b>				
All Ages	1,124	1,016	7	101	All Ages	454	403	2	49
Under 15	1	0	0	1	Under 15	1	1	0	0
15-17	19	16	0	3	15-17	4	2	0	2
18-19	46	37	0	9	18-19	8	7	0	1
20-29	635	571	2	62	20-29	213	184	0	29
30 & Over	423	392	5	26	30 & Over	228	209	2	17
<b>Mifflin</b>					<b>Potter</b>				
All Ages	568	528	7	33	All Ages	177	173	0	4
Under 15	2	1	0	1	Under 15	0	0	0	0
15-17	3	3	0	0	15-17	1	1	0	0
18-19	16	13	0	3	18-19	11	10	0	1
20-29	353	327	2	24	20-29	104	103	0	1
30 & Over	194	184	5	5	30 & Over	60	58	0	2

(Continued)

Table E-5  
**Reported Pregnancies by Outcome, Woman's Age Group  
and County of Residence, Pennsylvania, 2020**

County/ Age of Woman*	Reported Pregnancies	Live Births	Fetal Deaths	Induced Abortions	County/ Age of Woman*	Reported Pregnancies	Live Births	Fetal Deaths	Induced Abortions
<b>Schuylkill</b>					<b>Venango</b>				
All Ages	1,523	1,280	18	225	All Ages	468	436	4	28
Under 15	1	0	0	1	Under 15	0	0	0	0
15-17	15	14	0	1	15-17	7	6	0	1
18-19	62	47	1	14	18-19	19	19	0	0
20-29	823	691	8	124	20-29	279	261	2	16
30 & Over	622	528	9	85	30 & Over	163	150	2	11
<b>Snyder</b>					<b>Warren</b>				
All Ages	406	377	6	23	All Ages	355	339	6	10
Under 15	0	0	0	0	Under 15	0	0	0	0
15-17	5	2	0	3	15-17	1	0	0	1
18-19	18	13	0	5	18-19	21	20	1	0
20-29	221	205	4	12	20-29	196	190	1	5
30 & Over	161	156	2	3	30 & Over	137	129	4	4
<b>Somerset</b>					<b>Washington</b>				
All Ages	666	617	5	44	All Ages	2,101	1,829	9	263
Under 15	0	0	0	0	Under 15	2	1	0	1
15-17	8	6	1	1	15-17	19	10	0	9
18-19	21	15	0	6	18-19	54	39	0	15
20-29	374	350	3	21	20-29	994	860	5	129
30 & Over	263	246	1	16	30 & Over	1,032	919	4	109
<b>Sullivan</b>					<b>Wayne</b>				
All Ages	48	46	0	2	All Ages	474	435	2	37
Under 15	0	0	0	0	Under 15	0	0	0	0
15-17	1	1	0	0	15-17	2	2	0	0
18-19	1	1	0	0	18-19	11	11	0	0
20-29	26	25	0	1	20-29	232	208	1	23
30 & Over	20	19	0	1	30 & Over	229	214	1	14
<b>Susquehanna</b>					<b>Westmoreland</b>				
All Ages	364	340	2	22	All Ages	3,244	2,839	15	390
Under 15	0	0	0	0	Under 15	3	0	0	3
15-17	2	1	0	1	15-17	31	16	0	15
18-19	12	10	1	1	18-19	88	64	0	24
20-29	207	199	0	8	20-29	1,545	1,314	8	223
30 & Over	143	130	1	12	30 & Over	1,577	1,445	7	125
<b>Tioga</b>					<b>Wyoming</b>				
All Ages	416	402	2	12	All Ages	246	207	1	38
Under 15	1	1	0	0	Under 15	0	0	0	0
15-17	7	6	0	1	15-17	4	1	0	3
18-19	24	20	1	3	18-19	13	10	0	3
20-29	233	230	0	3	20-29	126	104	0	22
30 & Over	151	145	1	5	30 & Over	103	92	1	10
<b>Union</b>					<b>York</b>				
All Ages	430	406	4	20	All Ages	5,453	4,648	46	759
Under 15	0	0	0	0	Under 15	7	5	0	2
15-17	3	3	0	0	15-17	71	53	1	17
18-19	8	7	0	1	18-19	210	157	2	51
20-29	196	182	3	11	20-29	2,866	2,378	19	469
30 & Over	223	214	1	8	30 & Over	2,299	2,055	24	220

\* All ages includes unknown age of woman.

Table E-6  
**Reported Pregnancies by Outcome, Woman's Age Group and  
 County of Residence, Pennsylvania, Five-Year Summary, 2016-2020**

County/ Age of Woman*	Reported Pregnancies 2016-2020	Live Births	Fetal Deaths	Induced Abortions
<b>Pennsylvania**</b>				
All Ages	798,848	677,781	5,818	115,249
Under 15	612	297	8	307
15-17	9,937	7,161	105	2,671
18-19	27,687	20,761	221	6,705
20-29	387,756	317,732	2,626	67,398
30 & Over	372,744	331,722	2,854	38,168
<b>Adams</b>				
All Ages	5,028	4,763	45	220
Under 15	1	1	0	0
15-17	52	50	0	2
18-19	185	166	1	18
20-29	2,753	2,586	22	145
30 & Over	2,036	1,959	22	55
<b>Allegheny</b>				
All Ages	77,119	64,145	499	12,475
Under 15	64	23	1	40
15-17	842	480	13	349
18-19	1,953	1,276	25	652
20-29	33,082	25,518	213	7,351
30 & Over	41,172	36,843	246	4,083
<b>Armstrong</b>				
All Ages	3,218	2,995	37	186
Under 15	4	4	0	0
15-17	43	35	2	6
18-19	126	112	1	13
20-29	1,858	1,733	14	111
30 & Over	1,187	1,111	20	56
<b>Beaver</b>				
All Ages	8,992	7,924	75	993
Under 15	6	2	0	4
15-17	104	79	1	24
18-19	303	249	1	53
20-29	4,545	3,909	39	597
30 & Over	4,032	3,683	34	315
<b>Bedford</b>				
All Ages	2,436	2,350	20	66
Under 15	1	1	0	0
15-17	24	23	0	1
18-19	93	82	2	9
20-29	1,467	1,425	8	34
30 & Over	851	819	10	22
<b>Berks</b>				
All Ages	26,603	23,189	183	3,231
Under 15	25	13	0	12
15-17	489	398	5	86
18-19	1,191	992	8	191
20-29	14,229	12,198	81	1,950
30 & Over	10,664	9,583	89	992
<b>Blair</b>				
All Ages	6,491	6,064	42	385
Under 15	6	6	0	0
15-17	91	82	0	9
18-19	303	267	0	36
20-29	3,661	3,432	20	209
30 & Over	2,428	2,275	22	131
<b>Bradford</b>				
All Ages	3,321	3,262	32	27
Under 15	4	4	0	0
15-17	41	40	0	1
18-19	182	176	4	2
20-29	2,047	2,009	19	19
30 & Over	1,046	1,032	9	5
<b>Bucks</b>				
All Ages	32,483	28,541	158	3,784
Under 15	10	4	0	6
15-17	168	95	3	70
18-19	571	341	4	226
20-29	11,815	9,829	40	1,946
30 & Over	19,914	18,267	111	1,536
<b>Butler</b>				
All Ages	9,331	8,625	70	636
Under 15	2	1	0	1
15-17	61	50	0	11
18-19	215	170	4	41
20-29	3,961	3,562	23	376
30 & Over	5,089	4,839	43	207
<b>Cambria</b>				
All Ages	6,834	6,242	52	540
Under 15	9	7	0	2
15-17	103	89	2	12
18-19	306	254	2	50
20-29	3,861	3,499	30	332
30 & Over	2,555	2,393	18	144
<b>Cameron</b>				
All Ages	194	171	2	21
Under 15	0	0	0	0
15-17	2	2	0	0
18-19	12	10	0	2
20-29	125	113	1	11
30 & Over	55	46	1	8
<b>Carbon</b>				
All Ages	3,248	2,860	30	358
Under 15	0	0	0	0
15-17	42	31	1	10
18-19	123	103	1	19
20-29	1,758	1,546	16	196
30 & Over	1,325	1,180	12	133
<b>Centre</b>				
All Ages	6,231	5,704	40	487
Under 15	1	0	0	1
15-17	21	18	1	2
18-19	96	67	2	27
20-29	2,826	2,492	12	322
30 & Over	3,287	3,127	25	135
<b>Chester</b>				
All Ages	30,099	26,581	169	3,349
Under 15	8	6	0	2
15-17	190	114	2	74
18-19	559	361	6	192
20-29	10,603	8,716	53	1,834
30 & Over	18,734	17,379	108	1,247
<b>Clarion</b>				
All Ages	2,032	1,914	8	110
Under 15	2	2	0	0
15-17	13	12	0	1
18-19	83	73	0	10
20-29	1,201	1,133	4	64
30 & Over	733	694	4	35
<b>Clearfield</b>				
All Ages	3,849	3,610	30	209
Under 15	4	1	1	2
15-17	48	40	0	8
18-19	170	157	1	12
20-29	2,246	2,118	12	116
30 & Over	1,381	1,294	16	71

(Continued)



Table E-6  
**Reported Pregnancies by Outcome, Woman's Age Group and  
 County of Residence, Pennsylvania, Five-Year Summary, 2016-2020**

County/ Age of Woman*	Reported Pregnancies 2016-2020	Live Births	Fetal Deaths	Induced Abortions	County/ Age of Woman*	Reported Pregnancies 2016-2020	Live Births	Fetal Deaths	Induced Abortions
<b>Clinton</b>					<b>Forest</b>				
All Ages	2,150	2,032	19	99	All Ages	155	132	1	22
Under 15	0	0	0	0	Under 15	0	0	0	0
15-17	14	12	0	2	15-17	2	2	0	0
18-19	101	95	1	5	18-19	5	3	0	2
20-29	1,329	1,249	10	70	20-29	89	74	0	15
30 & Over	705	675	8	22	30 & Over	59	53	1	5
<b>Columbia</b>					<b>Franklin</b>				
All Ages	3,046	2,738	22	286	All Ages	8,894	8,710	74	110
Under 15	0	0	0	0	Under 15	6	5	0	1
15-17	18	15	0	3	15-17	112	108	0	4
18-19	112	92	2	18	18-19	323	308	4	11
20-29	1,697	1,496	12	189	20-29	4,991	4,896	30	65
30 & Over	1,216	1,132	8	76	30 & Over	3,460	3,391	40	29
<b>Crawford</b>					<b>Fulton</b>				
All Ages	4,771	4,530	53	188	All Ages	738	720	6	12
Under 15	4	4	0	0	Under 15	0	0	0	0
15-17	63	54	3	6	15-17	8	7	0	1
18-19	222	208	2	12	18-19	36	36	0	0
20-29	2,789	2,649	25	115	20-29	454	444	2	8
30 & Over	1,693	1,615	23	55	30 & Over	240	233	4	3
<b>Cumberland</b>					<b>Greene</b>				
All Ages	14,267	13,068	133	1,066	All Ages	1,960	1,782	11	167
Under 15	4	3	1	0	Under 15	3	2	0	1
15-17	86	71	0	15	15-17	20	16	0	4
18-19	352	290	1	61	18-19	93	84	0	9
20-29	6,675	6,022	61	592	20-29	1,245	1,139	8	98
30 & Over	7,150	6,682	70	398	30 & Over	599	541	3	55
<b>Dauphin</b>					<b>Huntingdon</b>				
All Ages	19,723	16,866	185	2,672	All Ages	2,068	1,907	20	141
Under 15	10	5	1	4	Under 15	1	1	0	0
15-17	287	222	4	61	15-17	31	26	1	4
18-19	798	637	5	156	18-19	102	90	1	11
20-29	10,305	8,649	103	1,553	20-29	1,248	1,154	12	82
30 & Over	8,316	7,347	71	898	30 & Over	686	636	6	44
<b>Delaware</b>					<b>Indiana</b>				
All Ages	39,925	32,254	275	7,396	All Ages	4,331	3,983	39	309
Under 15	24	10	0	14	Under 15	5	4	0	1
15-17	433	275	2	156	15-17	40	35	0	5
18-19	1,109	706	6	397	18-19	163	128	0	35
20-29	16,183	11,944	117	4,122	20-29	2,494	2,300	18	176
30 & Over	22,173	19,316	150	2,707	30 & Over	1,628	1,515	21	92
<b>Elk</b>					<b>Jefferson</b>				
All Ages	1,482	1,382	23	77	All Ages	2,488	2,359	22	107
Under 15	0	0	0	0	Under 15	2	2	0	0
15-17	14	12	1	1	15-17	18	14	0	4
18-19	48	44	1	3	18-19	107	98	2	7
20-29	861	795	13	53	20-29	1,529	1,456	13	60
30 & Over	559	531	8	20	30 & Over	829	786	7	36
<b>Erie</b>					<b>Juniata</b>				
All Ages	15,170	14,225	143	802	All Ages	1,495	1,432	16	47
Under 15	6	6	0	0	Under 15	0	0	0	0
15-17	272	241	4	27	15-17	17	17	0	0
18-19	691	638	8	45	18-19	47	41	0	6
20-29	8,210	7,629	72	509	20-29	855	819	11	25
30 & Over	5,988	5,708	59	221	30 & Over	576	555	5	16
<b>Fayette</b>					<b>Lackawanna</b>				
All Ages	7,126	6,406	35	685	All Ages	11,744	10,430	84	1,230
Under 15	8	6	0	2	Under 15	9	5	0	4
15-17	139	117	0	22	15-17	149	126	3	20
18-19	383	326	0	57	18-19	437	373	4	60
20-29	4,219	3,799	25	395	20-29	5,626	4,872	37	717
30 & Over	2,376	2,157	10	209	30 & Over	5,520	5,051	40	429

(Continued)

Table E-6  
**Reported Pregnancies by Outcome, Woman's Age Group and  
County of Residence, Pennsylvania, Five-Year Summary, 2016-2020**

County/ Age of Woman*	Reported Pregnancies 2016-2020	Live Births	Fetal Deaths	Induced Abortions
<b>Lancaster</b>				
All Ages	37,396	34,898	322	2,176
Under 15	14	8	0	6
15-17	340	297	4	39
18-19	912	763	9	140
20-29	19,625	18,206	143	1,276
30 & Over	16,500	15,619	166	715
<b>Lawrence</b>				
All Ages	4,785	4,335	40	410
Under 15	3	1	0	2
15-17	80	64	1	15
18-19	206	182	0	24
20-29	2,699	2,430	28	241
30 & Over	1,797	1,658	11	128
<b>Lebanon</b>				
All Ages	8,513	7,908	63	542
Under 15	6	4	1	1
15-17	102	94	2	6
18-19	344	301	3	40
20-29	4,720	4,374	26	320
30 & Over	3,337	3,131	31	175
<b>Lehigh</b>				
All Ages	24,876	21,260	167	3,449
Under 15	19	13	0	6
15-17	391	314	3	74
18-19	1,055	801	8	246
20-29	12,306	10,242	82	1,982
30 & Over	11,100	9,885	74	1,141
<b>Luzerne</b>				
All Ages	18,665	16,244	157	2,264
Under 15	23	6	2	15
15-17	334	283	3	48
18-19	849	695	4	150
20-29	9,944	8,549	84	1,311
30 & Over	7,510	6,707	63	740
<b>Lycoming</b>				
All Ages	6,418	5,959	60	399
Under 15	3	2	0	1
15-17	62	58	0	4
18-19	264	231	3	30
20-29	3,607	3,341	31	235
30 & Over	2,479	2,324	26	129
<b>McKean</b>				
All Ages	1,900	1,862	10	28
Under 15	3	2	0	1
15-17	30	30	0	0
18-19	107	104	2	1
20-29	1,206	1,182	6	18
30 & Over	553	543	2	8
<b>Mercer</b>				
All Ages	5,775	5,334	46	395
Under 15	7	3	0	4
15-17	82	76	0	6
18-19	236	213	1	22
20-29	3,279	3,020	20	239
30 & Over	2,171	2,022	25	124
<b>Mifflin</b>				
All Ages	2,961	2,827	28	106
Under 15	3	2	0	1
15-17	22	20	0	2
18-19	118	108	3	7
20-29	1,824	1,747	11	66
30 & Over	994	950	14	30
<b>Monroe</b>				
All Ages	8,785	7,430	60	1,295
Under 15	6	3	0	3
15-17	87	60	0	27
18-19	299	206	2	91
20-29	4,554	3,759	26	769
30 & Over	3,839	3,402	32	405
<b>Montgomery</b>				
All Ages	49,555	42,654	302	6,599
Under 15	13	6	0	7
15-17	313	182	5	126
18-19	952	574	6	372
20-29	16,989	13,343	95	3,551
30 & Over	31,283	28,544	196	2,543
<b>Montour</b>				
All Ages	1,147	1,087	7	53
Under 15	0	0	0	0
15-17	5	5	0	0
18-19	17	16	0	1
20-29	522	489	2	31
30 & Over	603	577	5	21
<b>Northampton</b>				
All Ages	16,389	14,047	98	2,244
Under 15	10	3	0	7
15-17	186	123	1	62
18-19	550	385	5	160
20-29	7,540	6,271	42	1,227
30 & Over	8,103	7,265	50	788
<b>Northumberland</b>				
All Ages	4,939	4,565	46	328
Under 15	3	3	0	0
15-17	76	64	1	11
18-19	234	207	4	23
20-29	2,842	2,616	27	199
30 & Over	1,784	1,675	14	95
<b>Perry</b>				
All Ages	2,778	2,568	17	193
Under 15	1	1	0	0
15-17	29	27	0	2
18-19	106	96	0	10
20-29	1,500	1,362	11	127
30 & Over	1,140	1,080	6	54
<b>Philadelphia</b>				
All Ages	150,346	103,791	1,099	45,456
Under 15	221	79	1	141
15-17	2,784	1,696	28	1,060
18-19	6,715	4,181	40	2,494
20-29	77,293	49,388	505	27,400
30 & Over	63,322	48,437	524	14,361
<b>Pike</b>				
All Ages	2,214	2,035	10	169
Under 15	2	2	0	0
15-17	13	10	0	3
18-19	68	58	0	10
20-29	1,076	972	3	101
30 & Over	1,055	993	7	55
<b>Potter</b>				
All Ages	893	852	3	38
Under 15	0	0	0	0
15-17	17	17	0	0
18-19	48	45	0	3
20-29	574	544	2	28
30 & Over	253	245	1	7

(Continued)

Table E-6  
**Reported Pregnancies by Outcome, Woman's Age Group and  
 County of Residence, Pennsylvania, Five-Year Summary, 2016-2020**

County/ Age of Woman*	Reported Pregnancies 2016-2020	Live Births	Fetal Deaths	Induced Abortions
<b>Schuylkill</b>				
All Ages	7,351	6,589	61	701
Under 15	6	4	0	2
15-17	115	105	1	9
18-19	320	269	3	48
20-29	4,039	3,596	32	411
30 & Over	2,871	2,615	25	231
<b>Snyder</b>				
All Ages	2,207	2,099	31	77
Under 15	0	0	0	0
15-17	25	20	0	5
18-19	79	65	2	12
20-29	1,244	1,189	18	37
30 & Over	857	823	11	23
<b>Somerset</b>				
All Ages	3,569	3,339	26	204
Under 15	2	2	0	0
15-17	33	26	1	6
18-19	135	120	1	14
20-29	2,012	1,892	10	110
30 & Over	1,387	1,299	14	74
<b>Sullivan</b>				
All Ages	245	238	0	7
Under 15	0	0	0	0
15-17	2	1	0	1
18-19	10	10	0	0
20-29	144	140	0	4
30 & Over	89	87	0	2
<b>Susquehanna</b>				
All Ages	1,867	1,813	8	46
Under 15	0	0	0	0
15-17	15	14	0	1
18-19	86	84	1	1
20-29	1,078	1,052	4	22
30 & Over	688	663	3	22
<b>Tioga</b>				
All Ages	2,098	2,027	10	61
Under 15	2	2	0	0
15-17	37	34	1	2
18-19	103	95	1	7
20-29	1,239	1,203	3	33
30 & Over	717	693	5	19
<b>Union</b>				
All Ages	2,112	2,010	12	90
Under 15	0	0	0	0
15-17	21	18	0	3
18-19	69	60	1	8
20-29	1,047	990	5	52
30 & Over	975	942	6	27

County/ Age of Woman*	Reported Pregnancies 2016-2020	Live Births	Fetal Deaths	Induced Abortions
<b>Venango</b>				
All Ages	2,508	2,351	22	135
Under 15	1	1	0	0
15-17	41	37	0	4
18-19	125	117	1	7
20-29	1,478	1,379	15	84
30 & Over	863	817	6	40
<b>Warren</b>				
All Ages	2,034	1,966	21	47
Under 15	2	1	0	1
15-17	19	17	0	2
18-19	100	93	4	3
20-29	1,218	1,189	5	24
30 & Over	693	664	12	17
<b>Washington</b>				
All Ages	10,862	9,750	85	1,027
Under 15	8	6	0	2
15-17	98	66	1	31
18-19	340	262	2	76
20-29	5,283	4,701	41	541
30 & Over	5,133	4,715	41	377
<b>Wayne</b>				
All Ages	2,198	2,040	12	146
Under 15	1	1	0	0
15-17	20	13	0	7
18-19	77	73	0	4
20-29	1,092	1,003	3	86
30 & Over	1,007	949	9	49
<b>Westmoreland</b>				
All Ages	16,470	14,771	119	1,580
Under 15	7	3	0	4
15-17	142	94	1	47
18-19	472	376	4	92
20-29	8,107	7,122	55	930
30 & Over	7,741	7,175	59	507
<b>Wyoming</b>				
All Ages	1,340	1,235	13	92
Under 15	1	0	0	1
15-17	16	13	0	3
18-19	62	55	0	7
20-29	744	679	8	57
30 & Over	516	487	5	24
<b>York</b>				
All Ages	26,607	24,001	210	2,396
Under 15	16	11	0	5
15-17	343	275	4	64
18-19	1,028	863	12	153
20-29	14,093	12,558	107	1,428
30 & Over	11,121	10,288	87	746

\* All ages includes unknown age of woman.

\*\*State total includes unknown county of residence.

Table E-7  
**Reported Pregnancy Rates\* by Woman's Age Group  
and County of Residence, Pennsylvania, 2020**

County	Total	Age of Woman (In Years)					
		10-14	15-19	15-17	18-19	20-29	30 & Over
Pennsylvania	66.8	0.4	17.9	8.2	31.2	94.7	49.0
Adams	54.9	ND	11.8	ND	22.1	86.0	36.7
Allegheny	62.9	0.6	15.1	8.0	24.0	75.8	53.3
Armstrong	61.7	ND	13.4	ND	36.0	112.9	33.0
Beaver	65.7	ND	21.9	10.1	42.7	98.6	44.5
Bedford	66.8	ND	15.2	ND	37.1	118.0	36.1
Berks	66.2	ND	19.6	9.1	34.0	106.2	42.6
Blair	61.4	ND	20.7	8.2	39.6	108.3	35.0
Bradford	67.8	ND	25.4	ND	59.4	121.8	34.7
Bucks	58.2	ND	7.0	2.2	15.8	64.9	52.6
Butler	55.3	ND	7.6	ND	14.2	73.9	46.0
Cambria	61.7	ND	17.8	10.5	26.7	102.9	36.7
Cameron	59.1	ND	ND	ND	ND	125.0	ND
Carbon	69.0	ND	15.6	ND	32.1	115.0	43.3
Centre	33.5	ND	2.4	ND	2.9	32.6	40.9
Chester	62.6	ND	9.2	5.1	15.0	67.4	59.4
Clarion	54.1	ND	7.3	ND	ND	86.3	36.4
Clearfield	61.6	ND	17.5	8.1	37.2	108.4	33.7
Clinton	60.1	ND	11.7	ND	21.7	93.0	36.2
Columbia	47.5	ND	8.1	ND	10.7	67.5	35.6
Crawford	60.8	ND	17.0	ND	34.7	103.9	35.3
Cumberland	60.0	ND	9.0	3.7	14.9	87.5	46.1
Dauphin	78.6	ND	29.1	13.4	57.6	118.1	51.5
Delaware	72.1	ND	16.0	8.3	25.6	88.5	62.1
Elk	60.5	ND	ND	ND	ND	102.8	35.4
Erie	57.0	ND	19.0	10.5	29.2	91.5	36.4
Fayette	69.9	ND	26.9	12.8	53.0	126.6	33.6
Forest	78.1	ND	ND	ND	ND	146.9	28.0
Franklin	61.1	ND	14.0	5.5	28.4	106.8	36.1
Fulton	61.6	ND	ND	ND	ND	130.5	24.9
Greene	69.2	ND	25.9	ND	42.8	133.3	30.9
Huntingdon	56.8	ND	21.3	ND	34.1	102.7	28.5
Indiana	54.0	ND	9.8	ND	11.6	76.5	40.8
Jefferson	69.5	ND	20.6	ND	43.0	137.3	33.3
Juniata	84.8	ND	20.6	ND	54.2	154.7	47.8
Lackawanna	60.5	ND	15.2	6.6	26.3	85.8	45.1
Lancaster	72.9	ND	12.6	4.7	24.1	111.4	52.4
Lawrence	67.5	ND	20.3	7.0	40.9	115.0	39.1
Lebanon	67.9	ND	16.8	6.3	33.8	111.7	43.1
Lehigh	70.2	ND	23.3	10.1	42.8	104.0	48.6
Luzerne	69.0	ND	24.3	10.5	44.5	107.9	43.1
Lycoming	63.3	ND	19.1	5.8	37.8	105.1	38.2
McKean	59.2	ND	15.8	ND	24.2	109.9	29.4
Mercer	61.4	ND	19.0	9.6	31.8	101.7	35.8
Mifflin	76.8	ND	14.8	ND	36.8	144.7	38.7
Monroe	59.9	ND	12.6	6.9	19.7	88.1	43.0
Montgomery	63.5	ND	9.9	3.6	20.4	69.2	58.5
Montour	77.0	ND	ND	ND	ND	89.3	66.1
Northampton	58.7	ND	14.6	5.8	25.6	81.0	45.2
Northumberland	67.5	ND	27.7	9.4	60.8	119.2	35.5
Perry	67.9	ND	18.4	ND	49.1	116.8	39.6
Philadelphia	84.8	1.1	39.1	20.9	60.8	116.3	59.6
Pike	52.6	ND	7.5	ND	ND	77.7	37.4
Potter	72.3	ND	26.4	ND	69.2	134.9	36.0
Schuylkill	68.0	ND	20.2	5.9	47.8	117.2	39.3
Snyder	55.3	ND	14.0	ND	20.7	89.8	36.6
Somerset	62.9	ND	16.0	ND	33.3	113.0	34.4
Sullivan	64.0	ND	ND	ND	ND	113.0	34.0
Susquehanna	64.7	ND	14.7	ND	36.8	118.9	35.7
Tioga	60.6	ND	23.6	ND	40.1	106.1	33.6
Union	57.8	ND	6.0	ND	ND	79.2	53.4
Venango	60.9	ND	20.4	ND	41.3	118.5	29.7
Warren	62.1	ND	22.9	ND	61.4	107.2	33.8
Washington	59.2	ND	11.8	5.2	21.3	89.0	42.3
Wayne	67.5	ND	11.1	ND	26.3	104.4	46.1
Westmoreland	57.9	ND	12.5	5.2	24.8	85.9	40.2
Wyoming	58.3	ND	22.7	ND	40.6	92.5	35.2
York	66.1	ND	20.0	8.0	40.3	110.6	40.5

\* Rates per 1,000 female population for each specified age group and county, 2020. Total includes all reported pregnancies per 1,000 female population age 15-44; 30 & over includes all reported pregnancies per 1,000 female population age 30-49. Rates based on less than 10 events are considered statistically unreliable and are not displayed (ND). See Table E-5 for corresponding 2020 number of reported pregnancies.

Table E-8  
**Average Annual Reported Pregnancy Rates\* by Woman's Age Group  
and County of Residence, Pennsylvania, 2016-2020**

County	Total	Age of Woman (In Years)					
		10-14	15-19	15-17	18-19	20-29	30 & Over
Pennsylvania	66.8	0.3	18.8	8.7	32.4	94.2	47.5
Adams	57.4	ND	14.0	5.3	25.8	91.7	35.5
Allegheny	64.8	0.4	15.9	8.3	26.0	77.9	53.5
Armstrong	62.6	ND	20.3	7.9	43.6	113.7	31.9
Beaver	65.2	ND	18.8	7.8	36.3	99.9	42.1
Bedford	65.6	ND	17.7	5.4	43.1	123.4	32.0
Berks	67.9	0.4	23.0	11.4	39.5	107.8	41.9
Blair	61.5	ND	22.0	8.5	41.8	105.1	33.8
Bradford	68.7	ND	26.6	7.4	63.8	127.4	31.8
Bucks	60.0	0.1	7.9	2.8	17.1	68.5	51.9
Butler	57.2	ND	9.0	3.5	16.5	78.1	45.0
Cambria	62.7	ND	19.7	9.1	32.5	105.0	35.8
Cameron	64.0	ND	25.5	ND	49.2	119.8	26.7
Carbon	64.0	ND	19.7	7.6	43.5	110.5	35.6
Centre	33.8	ND	3.0	2.0	3.4	33.1	40.9
Chester	62.6	ND	8.2	3.5	15.0	70.1	57.3
Clarion	55.2	ND	13.0	3.9	20.4	82.4	35.5
Clearfield	63.8	ND	22.3	7.5	50.4	112.6	31.9
Clinton	56.2	ND	14.9	4.4	22.1	83.9	34.8
Columbia	45.7	ND	9.1	3.7	11.8	62.6	34.9
Crawford	64.0	ND	20.0	7.6	37.0	111.0	34.5
Cumberland	60.6	ND	10.4	4.0	17.1	85.4	46.2
Dauphin	74.7	0.2	27.1	11.7	51.8	112.5	47.3
Delaware	71.9	0.3	16.1	7.9	27.3	86.3	61.3
Elk	65.5	ND	14.9	5.1	33.7	119.0	34.3
Erie	59.7	ND	20.7	10.9	31.9	92.7	37.4
Fayette	67.2	ND	30.3	13.1	57.7	119.0	31.7
Forest	60.7	ND	ND	ND	ND	111.1	27.8
Franklin	65.5	ND	18.8	7.6	38.7	113.6	37.0
Fulton	62.8	ND	20.9	ND	43.9	122.3	28.7
Greene	64.6	ND	19.9	6.2	37.8	121.3	29.7
Huntingdon	58.4	ND	18.5	8.3	29.7	104.4	30.4
Indiana	52.9	ND	11.4	6.5	14.0	74.4	38.7
Jefferson	69.6	ND	19.8	4.7	44.0	131.0	34.0
Juniata	74.0	ND	17.0	7.3	32.5	132.6	41.9
Lackawanna	61.3	ND	17.5	7.7	30.9	86.1	43.8
Lancaster	73.4	0.2	14.0	6.4	25.4	111.2	51.1
Lawrence	67.0	ND	22.3	10.4	40.2	113.2	37.3
Lebanon	68.2	ND	20.5	7.8	39.9	115.0	40.1
Lehigh	70.1	0.3	24.0	10.9	43.1	102.8	47.6
Luzerne	67.1	0.5	25.0	12.0	43.6	104.4	40.2
Lycoming	62.3	ND	19.1	6.2	37.1	102.0	36.3
McKean	56.6	ND	21.4	8.2	39.1	106.6	24.9
Mercer	62.4	ND	18.3	8.1	32.2	102.6	36.1
Mifflin	79.4	ND	21.6	5.0	56.0	147.6	38.4
Monroe	57.2	ND	12.4	4.9	22.2	85.6	39.1
Montgomery	64.8	0.1	9.9	4.0	19.0	70.8	58.4
Montour	73.7	ND	9.9	ND	20.9	102.7	55.2
Northampton	58.9	0.2	14.5	6.6	24.2	81.6	44.0
Northumberland	67.2	ND	26.8	10.5	54.0	118.5	34.4
Perry	72.3	ND	22.5	7.3	51.8	120.7	41.2
Philadelphia	82.2	1.0	39.3	21.6	59.4	110.5	56.4
Pike	52.4	ND	9.9	2.5	23.1	79.4	35.1
Potter	72.1	ND	28.4	11.1	62.8	143.4	29.8
Schuylkill	65.9	ND	23.6	9.4	51.4	113.4	35.7
Snyder	58.8	ND	12.8	6.7	17.9	95.4	38.1
Somerset	66.0	ND	18.0	5.3	43.2	117.7	35.8
Sullivan	62.7	ND	24.9	ND	48.1	111.6	30.8
Susquehanna	63.2	ND	19.4	4.3	49.8	115.3	32.6
Tioga	60.2	ND	20.9	11.0	31.0	104.7	32.1
Union	54.7	ND	9.7	5.7	12.2	78.8	45.1
Venango	63.4	ND	24.4	9.8	47.4	120.2	30.6
Warren	68.6	ND	23.3	6.1	50.0	128.1	32.8
Washington	61.7	ND	14.4	5.5	27.0	91.7	42.3
Wayne	61.9	ND	15.5	5.0	34.5	95.6	40.1
Westmoreland	59.1	ND	13.0	5.0	25.3	88.8	39.1
Wyoming	60.5	ND	19.7	6.9	38.1	101.1	33.9
York	65.7	0.2	20.2	8.3	38.7	107.9	39.5

\* Rates per 1,000 female population for each specified age group and county, 2016-2020. Total includes all reported pregnancies per 1,000 female population age 15-44; 30 & over includes all reported pregnancies per 1,000 female population age 30-49. Rates based on less than 10 events are considered statistically unreliable and are not displayed (ND). See Table E-6 for corresponding 2016-2020 number of reported pregnancies.

Table E-9  
**Reported Pregnancies by Outcome and County of Residence**  
**Number and Percent\*: Pennsylvania, 2020**

County	Reported Pregnancies	Live Births		Fetal Deaths		Induced Abortions	
		Number	Percent	Number	Percent	Number	Percent
Pennsylvania	161,677	130,730	80.9	968	0.6	29,979	18.5
Adams	967	904	93.5	5	ND	58	6.0
Allegheny	15,341	12,188	79.4	70	0.5	3,083	20.1
Armstrong	628	577	91.9	3	ND	48	7.6
Beaver	1,846	1,542	83.5	14	0.8	290	15.7
Bedford	485	470	96.9	2	ND	13	2.7
Berks	5,285	4,362	82.5	35	0.7	888	16.8
Blair	1,297	1,181	91.1	10	0.8	106	8.2
Bradford	649	639	98.5	4	ND	6	ND
Bucks	6,448	5,461	84.7	25	0.4	962	14.9
Butler	1,851	1,677	90.6	17	0.9	157	8.5
Cambria	1,340	1,193	89.0	6	ND	141	10.5
Cameron	34	28	82.4	1	ND	5	ND
Carbon	708	604	85.3	5	ND	99	14.0
Centre	1,188	1,065	89.6	6	ND	117	9.8
Chester	6,148	5,233	85.1	33	0.5	882	14.3
Clarion	383	359	93.7	1	ND	23	6.0
Clearfield	742	677	91.2	6	ND	59	8.0
Clinton	438	411	93.8	1	ND	26	5.9
Columbia	625	544	87.0	2	ND	79	12.6
Crawford	880	830	94.3	9	ND	41	4.7
Cumberland	2,909	2,600	89.4	34	1.2	275	9.5
Dauphin	4,293	3,334	77.7	28	0.7	931	21.7
Delaware	8,179	6,277	76.7	45	0.6	1,857	22.7
Elk	276	253	91.7	3	ND	20	7.2
Erie	2,862	2,611	91.2	18	0.6	233	8.1
Fayette	1,448	1,271	87.8	2	ND	175	12.1
Forest	35	30	85.7	0	ND	5	ND
Franklin	1,668	1,616	96.9	16	1.0	36	2.2
Fulton	145	142	97.9	1	ND	2	ND
Greene	404	355	87.9	2	ND	47	11.6
Huntingdon	393	367	93.4	3	ND	23	5.9
Indiana	869	777	89.4	11	1.3	81	9.3
Jefferson	502	472	94.0	4	ND	26	5.2
Juniata	327	310	94.8	4	ND	13	4.0
Lackawanna	2,362	2,044	86.5	7	ND	311	13.2
Lancaster	7,532	6,858	91.1	57	0.8	617	8.2
Lawrence	958	840	87.7	2	ND	116	12.1
Lebanon	1,721	1,552	90.2	9	ND	160	9.3
Lehigh	5,077	4,086	80.5	31	0.6	960	18.9
Luzerne	3,920	3,181	81.1	30	0.8	709	18.1
Lycoming	1,309	1,172	89.5	16	1.2	121	9.2
McKean	389	376	96.7	1	ND	12	3.1
Mercer	1,124	1,016	90.4	7	ND	101	9.0
Mifflin	568	528	93.0	7	ND	33	5.8
Monroe	1,815	1,433	79.0	9	ND	373	20.6
Montgomery	10,037	8,278	82.5	47	0.5	1,712	17.1
Montour	234	220	94.0	1	ND	13	5.6
Northampton	3,351	2,781	83.0	13	0.4	557	16.6
Northumberland	991	877	88.5	9	ND	105	10.6
Perry	511	467	91.4	2	ND	42	8.2
Philadelphia	31,357	19,884	63.4	172	0.5	11,301	36.0
Pike	454	403	88.8	2	ND	49	10.8
Potter	177	173	97.7	0	ND	4	ND
Schuylkill	1,523	1,280	84.0	18	1.2	225	14.8
Snyder	406	377	92.9	6	ND	23	5.7
Somerset	666	617	92.6	5	ND	44	6.6
Sullivan	48	46	95.8	0	ND	2	ND
Susquehanna	364	340	93.4	2	ND	22	6.0
Tioga	416	402	96.6	2	ND	12	2.9
Union	430	406	94.4	4	ND	20	4.7
Venango	468	436	93.2	4	ND	28	6.0
Warren	355	339	95.5	6	ND	10	2.8
Washington	2,101	1,829	87.1	9	ND	263	12.5
Wayne	474	435	91.8	2	ND	37	7.8
Westmoreland	3,244	2,839	87.5	15	0.5	390	12.0
Wyoming	246	207	84.1	1	ND	38	15.4
York	5,453	4,648	85.2	46	0.8	759	13.9

\* Percent of reported pregnancies for each specified county.

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

# TECHNICAL NOTES

## **A. SOURCES OF DATA**

### **1. Births, Deaths and Fetal Deaths:**

Birth, death and fetal death certificates are the source documents for data on vital events to Pennsylvania residents. Births and deaths to Pennsylvania residents that occurred in another state are included in this report. There is an agreement among all registration areas in the United States for exchange of copies of certificates. Birth and fetal death certificates are usually completed by hospital personnel present at the facility. Death certificates are usually completed by hospital personnel, physicians, funeral directors, coroners and medical examiners.

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

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

### **2. Induced Abortions:**

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

Induced abortions to Pennsylvania residents which occurred in another state are not included in this report. Pennsylvania has no interstate agreement with the other registration areas in the United States for exchange of such information. Collection of induced abortion data varies widely from state to state.

### **3. Population:**

State or county population estimates as of July 1 for the intercensal years of 2011-2020, 2001-2009, 1991-1999, and 1981-1989, which are presented and/or used in this report to compute rates, were produced

jointly by the United States Bureau of the Census and the Pennsylvania 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-25*. Subcounty (city, borough, and township) population estimates for intercensal years are calculated by the Bureau of the Census using a housing unit method, in which the change in the number of housing units at the subcounty level is used to distribute the county population to subcounty areas. All population data for Census years (2010, 2000, 1990, 1980, etc.) presented and/or used in this report are U.S. Bureau of Census enumerated population figures as of April 1 of the Census year.

Population data by race and Hispanic origin for 2011-2020, 2001-2009, 1991-1999, and 1981-1989 were also produced by the Pennsylvania State Data Center. Racial and Hispanic origin population data for 2000 and 2010 are Bureau of the Census enumerated figures. The 1981-1989 black population figures used to compute the rates that appear in this report were derived from 1980 and 1990 Census data. They were estimated by advancing 1980 Census data incrementally to finally match 1990 Census figures.

Respondents to the 2010 Census were able to select multiple races for racial designation. However, state population data by race, as shown and used in this report, did not include figures for multiple-race categories until 2013. Please see Section J "Multi-Race Designation" for more details on this change. Birth, death, and fetal death statistics are available for multiple-race categories beginning with 2013 data. Therefore, population estimates were calculated as single-race categories and were used to calculate all rates by race that appear in this report prior to 2013 data.

Among Pennsylvania residents, only 1.9 percent selected multiple races on the 2010 Census form. The National Center for Health Statistics (NCHS), which is responsible for releasing national vital statistics, has produced, in collaboration with the U.S. Bureau of the Census, revised population estimates (starting with 2000) by race that "bridged" multiple-race data into single-race categories.

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



## B. DATA QUALITY

### 1. Query and Field Programs:

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

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

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

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

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

### 2. Fetal Deaths:

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

According to a study of the estimated number of total pregnancies for the United States, prepared by the National Center for Health Statistics, the 2008 percentage distribution of live births, fetal deaths and induced abortions is as indicated in the following table. The percent distribution of Pennsylvania's reported pregnancies for 2020 is also shown for comparison.

It is apparent that there are a very large number of fetal deaths not reported or included in this publication, mainly due to the exclusion of those fetal deaths under sixteen weeks gestation.

	United States Estimated Pregnancies 2008	Pennsylvania Reported Pregnancies 2020
Live Births	64.6%	80.9%
Fetal Deaths	17.0%	0.6%
Induced Abortions	18.4%	18.5%

Note: May not sum to 100 due to rounding.

### 3. Induced Abortions:

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

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

### 4. Reported Pregnancies:

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

## 5. Congenital Anomalies/Birth Defects:

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

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

## C. GEOGRAPHY

### 1. Allocation:

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

While occurrence figures are accurate and have both administrative value and some statistical significance, residence data are far more useful in determining public health indices for planning and evaluation purposes. The natality, reported pregnancy and mortality statistics in this report are residence data; however, the induced abortion data shown in this report include both residence and occurrence data. Statewide induced abortion statistics for the years 1975-1988 are available as occurrence data only. This is due to the

fact that the source document (*Induced Abortions: Quarterly Report*) used to collect that information from 1975 through September, 1988 requested aggregated quarterly occurrence data. Therefore, both occurrence and residence data are presented for statewide induced abortion data.

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

### 2. Criteria for Municipality Selection:

Tables A-6, B-33, B-34, B-35, B-36, B-37, B-38, B-39, B-40, C-35, C-36, C-37, C-38, C-39, C-40, C-41, and C-42 show statistics for 28 selected municipalities. These municipalities include cities or boroughs with a 2010 U.S. Bureau of the Census enumerated population of 20,000 or more. Philadelphia is both a city and a county and, therefore, is included in both county and municipality tables.

## D. DEFINITIONS OF TERMS

### 1. Natality:

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

**LOW BIRTH WEIGHT** – A birth weight under 2,500 grams or 5 pounds and 9 ounces.

**VERY LOW BIRTH WEIGHT** – A birth weight under 1,500 grams or 3 pounds and 5 ounces.

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

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

## 2. Mortality:

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

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

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

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

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

**MATERNAL DEATH** – The death of a woman while pregnant or within 42 days of termination of pregnancy, irrespective of the duration and site of the pregnancy, from any cause related to or aggravated by the pregnancy or its management but not from accidental or incidental causes. This definition is also used by the National Center for Health Statistics (NCHS). In order to be consistent with previous reports as well as other state and national reports, the number of maternal deaths listed does not include all deaths occurring to pregnant or recently pregnant women. The only cases listed in this report are those officially assigned with an underlying cause of death based on the International Classification of Diseases, 10<sup>th</sup> Revision (ICD-10) death code of A34, O00-O95, and

O98-O99. This is different from various pregnancy related and pregnancy associated deaths which can look at the broader impacts of pregnancy on death and may include deaths where the individual was within one year of the conclusion of pregnancy.

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

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

## 3. Induced Abortions:

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

## 4. Reported Pregnancies:

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

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

## 5. Birth Weight in Grams:

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

Grams	Pounds and Ounces
499 or less	1 lb. 1 oz. or less

500 – 999	1 lb. 2 oz. – 2 lb. 3 oz.
1,000 – 1,499	2 lb. 4 oz. – 3 lb. 4 oz.
1,500 – 1,999	3 lb. 5 oz. – 4 lb. 6 oz.
2,000 – 2,499	4 lb. 7 oz. – 5 lb. 8 oz.
2,500 – 2,999	5 lb. 9 oz. – 6 lb. 9 oz.
3,000 – 3,499	6 lb. 10 oz. – 7 lb. 11 oz.
3,500 – 3,999	7 lb. 12 oz. – 8 lb. 12 oz.
4,000 – 4,499	8 lb. 13 oz. – 9 lb. 14 oz.
4,500 – 4,999	9 lb. 15 oz. – 11 lb. 0 oz.
5,000 or more	11 lb. 1 oz. or more

## 6. Body Mass Index (BMI):

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

$$BMI = \frac{Weight(lb)}{[Height(in)]^2} \times 703$$

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

BMI	Weight Status
Below 18.5	Underweight
18.5 – 24.9	Normal
25.0 – 29.9	Overweight
30.0 and above	Obese

## 7. Geographic Allocation:

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

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

## E. RATES

Absolute counts of births and deaths do not readily

lend themselves to analysis and comparison between years or between various geographic areas because of population differences. These demographic differences include total number, age and sex distributions and ethnic or racial differentials. In order to assess the health status of a particular population at a specified time, the absolute number of events is converted to a relative number, such as a probability of living or dying, i.e., a rate, a ratio or an index. This conversion is made by relating the crude number of events to the living population at risk in a particular area at a specific time. All of the rates defined here are computed for a period covering one year, except for the average annual rates which are based upon five-year summary data.

### 1. Definitions of Rates:

CRUDE BIRTH RATE:

$$\frac{Total\ Live\ Births}{Total\ Population} \times 1,000$$

AGE-SPECIFIC BIRTH RATE:

$$\frac{Live\ Births\ to\ Mothers\ of\ Specified\ Ages}{Female\ Pop.\ of\ Same\ Specified\ Ages} \times 1,000$$

GENERAL FERTILITY RATE:

$$\frac{Total\ Live\ Births}{Female\ Population\ Aged\ 15\ to\ 44\ Years} \times 1,000$$

FETAL MORTALITY RATE:

$$\frac{Total\ Fetal\ Deaths}{(Total\ Live\ Births + Total\ Fetal\ Deaths)} \times 1,000$$

NEONATAL MORTALITY RATE\*:

$$\frac{Infant\ Deaths\ Aged\ < 28\ Days}{Total\ Live\ Births} \times 1,000$$

POSTNEONATAL MORTALITY RATE\*:

$$\frac{Infant\ Deaths\ Aged\ 28 - 364\ Days}{Total\ Live\ Births} \times 1,000$$

INFANT MORTALITY RATE\*:

$$\frac{Total\ Infant\ Deaths}{Total\ Live\ Births} \times 1,000$$

CRUDE DEATH RATE:

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

$$\frac{\text{Total Deaths}}{\text{Total Population}} \times 1,000$$

AGE-SPECIFIC DEATH RATE:

$$\frac{\text{Deaths for Specified Age Group}}{\text{Population of Same Specified Age Group}} \times 1,000$$

RACE OR ETHNICITY SPECIFIC DEATH RATE:

$$\frac{\text{Deaths for Specified Race or Ethnicity}}{\text{Population for Same Specified Group}} \times 1,000$$

AGE-ADJUSTED DEATH RATE (Direct Method):

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

Age-specific death rates (per 100,000) for a selected population are applied to a standard population (in this report the 2000 United States standard million population was used) of the same age groups. The sum of these calculations is then divided by the total of the standard population and yields the age-adjusted death rate per 100,000. (It is important to use the same standard population in the computation of each age-adjusted rate to allow comparability among age-adjusted rates. Age-adjusted rates are artificial measurements and should never be compared with any other type of rate or be used to calculate the actual number of events.) The 2000 United States standard million population and age distributions used in calculating age-adjusted death rates for this report are shown below:

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

**WARNING:** *Pennsylvania Vital Statistics 1999* was

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

PREMATURE MORTALITY RATE:

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

CAUSE-SPECIFIC DEATH RATE:

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

MATERNAL MORTALITY RATE:

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

TOTAL FERTILITY RATE:

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

The sum of the age-specific birth rates of women in five-year age groups multiplied by five is the total fertility rate. This rate estimates the number of children a cohort of 1,000 women would bear if they all went through their childbearing years exposed to the age-specific birth rates in effect for a particular time. The total fertility rate, or TFR, can be used as an estimate of the fertility growth factor in a population, e.g. whether the childbearing population is replacing itself or not. A TFR of 2,000 or above indicates that, on the average,

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

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:**

$$\frac{(Total\ Live\ Births + Fetal\ Deaths + Induced\ Abortions)}{Female\ Population\ Ages\ 15\ to\ 44} \times 1,000$$

**AGE-SPECIFIC REPORTED PREGNANCY RATE:**

$$\frac{(Live\ Births + Fetal\ Deaths + Induced\ Abortions)\ for\ Females\ of\ Specified\ Ages}{Female\ Population\ for\ Same\ Specified\ Ages} \times 1,000$$

**AVERAGE ANNUAL RATE:**

$$\frac{Total\ Number\ of\ Events\ for\ a\ Specified\ Multiple\ Year\ Period}{Total\ Population\ for\ Same\ Specified\ Multiple\ Year\ Period} \times 1,000$$

**2. Reliability of Rates:**

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

As an example of the various problems involved with the reliability of rates, we will use the infant mortality rate in 2020 for Bedford County. There were only five infant deaths reported in 2020 among residents of Bedford County, a rather sparsely

populated rural county. Unfortunately, these five deaths could be enough to give Bedford County an infant mortality rate that would appear to be higher than most counties in the state. This is the chance result of a few deaths having enormous significance when statistically applied to the number of births among the residents of that county. Any statement regarding this high infant mortality 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 this reason, all rates or percentages that involve small numbers (less than 10 unless otherwise noted) have been suppressed and are not displayed in this report. As an alternative, expanding the period of time studied enlarges the absolute numbers and adds more credence to a statement regarding Bedford County's infant mortality rate. Expanding the area of study can also help with small numbers.

There are many characteristics of a population that can also render a crude rate of little use. Any unique demographic factors such as those related to age, sex and race may not be accounted for in crude rates. One prime Pennsylvania example is Centre County. Because Penn State's major campus with over 40,000 students is located in this rural county, the median age is usually the lowest in the state; so is the crude death rate. However, rates can be adjusted or calculated to more specific groups within a population. When all county rates are adjusted for age, Centre County usually appears closer to the middle of these rates. Age, sex or race adjusted and specific rates can offer a more refined measurement to compare vital event experiences over geographic areas or time periods. However, there are limitations to their use (see definition of age-adjusted rate in Section E.1.) and one should be very familiar with these rates before attempting their use.

**3. Variability of Rates:**

**Standard Errors and Confidence Intervals**

All rates are subject to random variation. This variation is directly related to the number of events used to calculate the rate. The smaller the number of events used in the calculation of a rate, the higher will be the variability of the rate.

It is common practice among statisticians and data users familiar with health statistics to calculate a standard error (SE) of a rate when studying or comparing rates. This statistic defines a rate's

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

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:

$$\frac{RATE}{\sqrt{N}}$$

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

As an example, let's use Pennsylvania's 2020 age-adjusted heart disease death rate of 181.8 per 100,000 population in the calculation of this estimated S.E. and 95 percent C.I. The rate of 181.8 was based on 32,880 resident heart disease deaths reported for 2020. The square root of 32,880 is 181.33. By dividing the rate of 181.8 by 181.33, one obtains the estimated S.E. of 1.00.

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

$$RATE \pm (1.96 \times S.E.)$$

Following this formula, for the rate we are using, produces an equation of  $181.8 \pm (1.96 \times 1.00)$  and the result is  $181.8 \pm 2.0$ . Then, by subtracting and adding 2.0 against the original rate of 181.8, a range can be calculated and considered the estimated 95 percent confidence interval for the rate, i.e., 179.8 – 183.8. One could then state, with 95 percent certainty that the actual 2020 age-adjusted heart disease death rate for the state was between 179.8 and 183.8.

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

In addition, we recommend that users disregard age-adjusted rates based on less than 20 events and any other rates based on less than ten events. The standard

errors and confidence intervals for these rates are usually "very large" and, therefore, not reliable, especially for any comparative analysis. Thus, these rates have been suppressed and denoted as "ND" in the report.

**NOTE:** For more detailed information and assistance on computing and using reliable rates/statistics for analysis, please go to the Division of Health Informatics web pages at <https://www.health.pa.gov/topics/HealthStatistics/Pages/health-statistics.aspx> and select Statistical Resources.

## F. 2003 REVISIONS TO CERTIFICATE OF LIVE BIRTH

### 1. Background

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

While most data items on the certificate are comparable to past years, certain items have been changed or removed, which will cause discontinuity in some birth trend data. Many of the changes were made to the medical portion of the document. Specifically, revisions were made to the Medical Risk Factors, Obstetric Procedures, Complications of Labor and/or Delivery, Method of Delivery, Abnormal Conditions of the Newborn and Congenital Anomalies sections. In some cases, the section names were changed, and a number of check box items were added, deleted or amended, as appropriate, to elicit more specific and/or attainable information.

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

to improvements in the quality of birth data.

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

## 2. Overview of Revised or New Data Items

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

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

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

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

*Risk factors.* The 2003 certificate gathers this information in greater detail by asking when diabetes was diagnosed (pre-pregnancy or gestational). Additional information on whether the pregnancy was

assisted by reproduction technology (i.e. pregnancy resulted from infertility treatment) is also collected.

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

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

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

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

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

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

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

## G. 2006 REVISIONS TO CERTIFICATES OF DEATH AND FETAL DEATH



## 1. Background

Starting in 2006, Pennsylvania implemented the latest revisions of the U.S. Standard Certificate of Death and Certificate of Fetal Death. Following an evaluation process initiated by NCHS, revisions were made to both certificates. As mentioned previously, the standard certificates have been the principal means for achieving the uniformity in information upon which national vital statistics are based.

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

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

## H. UNDERLYING CAUSES OF DEATH

### 1. Implementation of ICD-10

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

The change from ICD-9 to ICD-10 (the first revision in twenty years) has affected the reporting of

leading causes of death, thereby creating major discontinuities in mortality trend data.

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

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

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

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

As stated above, the new ICD revisions for determining and classifying underlying causes of death resulted 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, NCHS double-coded all United States deaths (2.3 million) for 1996 according to ICD-9 and ICD-10 standards. This allowed NCHS to produce comparability ratios from the two coded data sets by dividing the number of deaths for a selected cause classified under ICD-10 by the number of deaths classified to the most nearly comparable cause of death under ICD-9. The resulting ratio represents the net effect of the revision on the counts for this cause and can be used to explain changes in numbers and rates. Please contact the Division of Health Informatics for a list of these ratios by cause of death. Additional information on ICD-9 and ICD-10 comparability issues can be found on the NCHS web site at [www.cdc.gov/nchs/icd.htm](http://www.cdc.gov/nchs/icd.htm).

Most causes have a comparability ratio close to 1.0, which represents a near perfect match. However, several causes do have somewhat higher or lower ratios, most notably "Influenza and Pneumonia" and "Alzheimer's Disease." The high/low ratios for those

two causes are directly due to the changes in the coding rules for classifying underlying cause of death under ICD-10.

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

## **I. MULTIPLE CAUSES OF DEATH**

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

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 NCHS.

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

basis.

Please contact the Division of Health Informatics if you are interested in more information about multiple causes of death statistics.

## **J. MULTI-RACE DESIGNATION**

Starting in 2013, race was derived from multiple race selections. Prior to 2013, race was derived from a single race designation field. For example, starting in 2013, a count in "White" means that it was the only race selected from a list of multiple race selections. Prior to 2013, "White" meant that the single race designation was "White" alone. For 2013 and forward, a new race designation of "Multi-Race" was assigned to people that chose more than one race out of the possible selections. As an example, "White" and "Black" chosen together would yield "Multi-Race" as the race designation. However, if only one race was chosen in this example, the person would be designated as either "White" only or "Black" only depending on their selection.