

# **VITAL STATISTICS REPORT PHILADELPHIA: 2016**

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## **CITY OF PHILADELPHIA**

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## Introduction

This year's Vital Statistics Report shows that health in Philadelphia continues to improve, with consistent decreases in and premature mortality from most causes of death, except drug overdoses and homicides. Consistent with 2015, increases in premature mortality due to drug overdoses and homicides have further decreased overall life expectancy, particularly among non-Hispanic black men. As a result, after improving significantly over the last decade, the disparity in life expectancy between non-Hispanic black and non-Hispanic white men increased by 42% between 2015 and 2016.

### Major findings of the 2016 Vital Statistics Report

- Life expectancy at birth was 72.3 years for men and 79.3 years for women, representing a decrease of 0.8 years for men and a decrease of 0.2 years for women.
- Life expectancy at birth was lowest among non-Hispanic black men at 68.7 years in 2016.
- Infant mortality increased by 4.8% in 2016 from 2015, to 8.7 deaths per 1,000 live births. This remains significantly higher than the US rate of 5.9 in 2016.
- Heart disease remains the leading cause of death in Philadelphia.
- In general, death rates for most causes of death remain higher among non-Hispanic blacks than other racial and ethnic groups within the city. The exceptions are accidents, chronic lower respiratory diseases, suicide and infections (influenza and pneumonia) for which death rates are highest among non-Hispanic whites.
- There were 3,756 deaths attributable to smoking– 28.0% of all deaths in the city in 2016.
- Teen birth rates continue to decline, with an overall 43% decline since 2010 and decreases among all racial and ethnic groups.

### Historical Changes in Reporting Procedures

Beginning with the 2008 Vital Statistics report, PDPH began to provide findings for the entire population and by the race/ethnicity groups of non-Hispanic white, non-Hispanic black, non-Hispanic Asian, and Hispanic, based on the 31 race and ethnicity categories made available in the 2000 decennial census. Reporting by race and by ethnicity separately was dropped.

Beginning in 2005, the annual Vital Statistics report no longer included disease morbidity reporting. Morbidity reports for infectious, chronic, and environmental conditions can be found at <http://www.phila.gov/health/Commissioner/Reports.html>.

Supplemental data tables detailing vital events by zip code and census tract will also be made available on the Department's website at:

<http://www.phila.gov/health/Commissioner/DataResearch.html>.

The birth and death data used to create this report were obtained from electronic files provided by the Pennsylvania Department of Health, which requires that the following statement be included: "These data were supplied by the Bureau of Health Statistics and Research, Pennsylvania Department of Health, Harrisburg, Pennsylvania. The Pennsylvania Department of Health specifically disclaims responsibility for any analyses, interpretations or conclusions."

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# Population Findings

## Population Summary

This section contains population analyses for 2000 through 2016. Multiple population estimates were used depending on the analysis, including the Census Bureau's population count conducted every 10 years (decennial enumeration) and its annual population estimates for July of each year. Details can be found in the [Technical Appendix](#).

The 2016 population of Philadelphia was estimated as 1,567,872([Table P1](#)). This represents a 2.7% increase from the 2010 enumerated population and a 3.3% increase from the 2000 enumerated population. From 1960 to 2010, the population of Philadelphia decreased by 24% from approximately 2 million to 1.5 million.

In 2016, there were 646,964 black non-Hispanics in Philadelphia, making up 41% of the total population ([Table P2](#)). For white non-Hispanics, Hispanics, and Asian non-Hispanics, the populations were 546,768 (35%), 226,320 (14%) and 113,470 (7%), respectively. People between the ages of 25 and 34 represented a larger proportion of the population among white non-Hispanics and Asian non-Hispanics than among black non-Hispanics and Hispanics ([Figure P4](#)). Among 0-4 year-olds, 24% are Hispanic and 44% are non-Hispanic black ([Table P2](#)).

Between 2000 and 2016, population growth was seen in the group 45-64 years of age, while declines were seen in the groups 5-14 and 65 and older ([Figure P5A](#)). In terms of changes by race/ethnicity, between 2000 and 2016, the fastest growing groups were Hispanics (an increase of approximately 96,000) and non-Hispanic Asians (an increase of approximately 43,000) ([Figure P5B](#)). White non-Hispanics decreased by 99,000 approximately. The non-Hispanic black group has remained virtually unchanged.

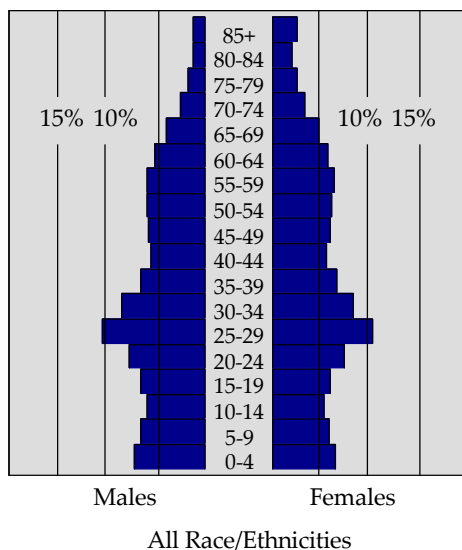
Analyses of the population by planning districts ([Table P3](#), [Maps P1](#), and [P2](#)) demonstrate significant clustering by race-ethnicity. Non-Hispanic whites comprise large portions of the population in Northeast and South Philadelphia. Non-Hispanic blacks comprise large portions in West and North Philadelphia; Hispanics in North and Lower Northeast Philadelphia. Asians are most prevalent in South, Central, and Lower Northeast Philadelphia.

# Population in Philadelphia: 2000 - 2016

Table P1  
Population by Age and Gender: Philadelphia, 2010 and 2016

Age	April 1, 2010 (Enumerated Census)			July 1, 2016 (Census Bureau Estimates)		
	Total	Male	Female	Total	Male	Female
0-4	101,053	51,200	49,853	107,352	54,701	52,651
5-9	90,827	46,372	44,455	96,841	49,291	47,550
10-14	90,640	46,100	44,540	88,307	44,950	43,357
15-19	118,297	58,417	59,880	98,583	49,267	49,316
20-24	146,717	71,200	75,517	119,043	58,409	60,634
25-29	135,610	64,596	71,014	163,236	78,731	84,505
30-34	110,452	53,181	57,271	132,468	64,233	68,235
35-39	94,007	45,279	48,728	104,545	49,792	54,753
40-44	94,316	45,459	48,857	87,379	41,725	45,654
45-49	98,086	46,647	51,439	92,310	43,775	48,535
50-54	99,884	46,634	53,250	94,549	44,619	49,930
55-59	87,697	40,356	47,341	96,338	44,351	51,987
60-64	73,111	32,626	40,485	85,227	38,374	46,853
65-69	53,191	22,832	30,359	68,863	29,915	38,948
70-74	41,573	17,214	24,359	46,169	19,148	27,021
75-79	34,667	13,526	21,141	33,324	13,278	20,046
80-84	27,767	9,921	17,846	24,598	9,046	15,552
85+	28,111	8,253	19,858	28,740	8,778	19,962
Total	1,526,006	719,813	806,193	1,567,872	742,383	825,489

Figure P1  
Most Recent Census Estimates by Age and Gender: Philadelphia, 2016





# Population in Philadelphia: 1960 - 2016

Figure P2  
Yearly Estimated Population: Philadelphia, 2000 - 2016

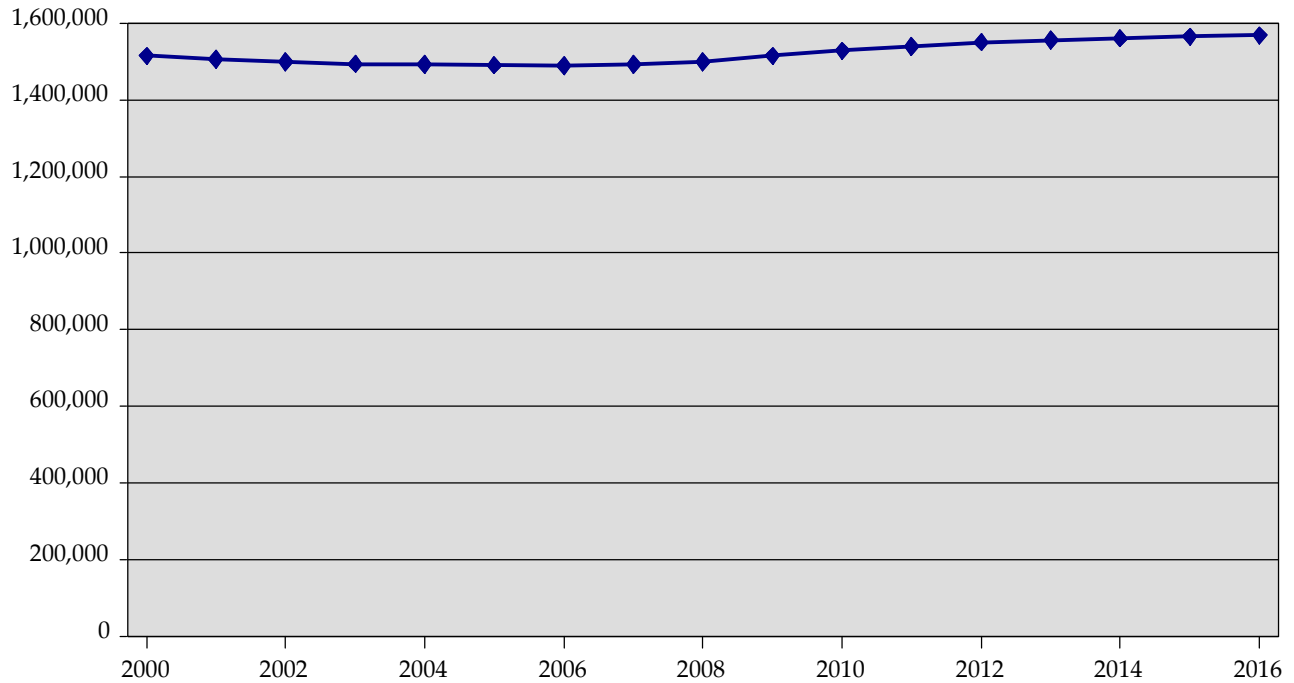
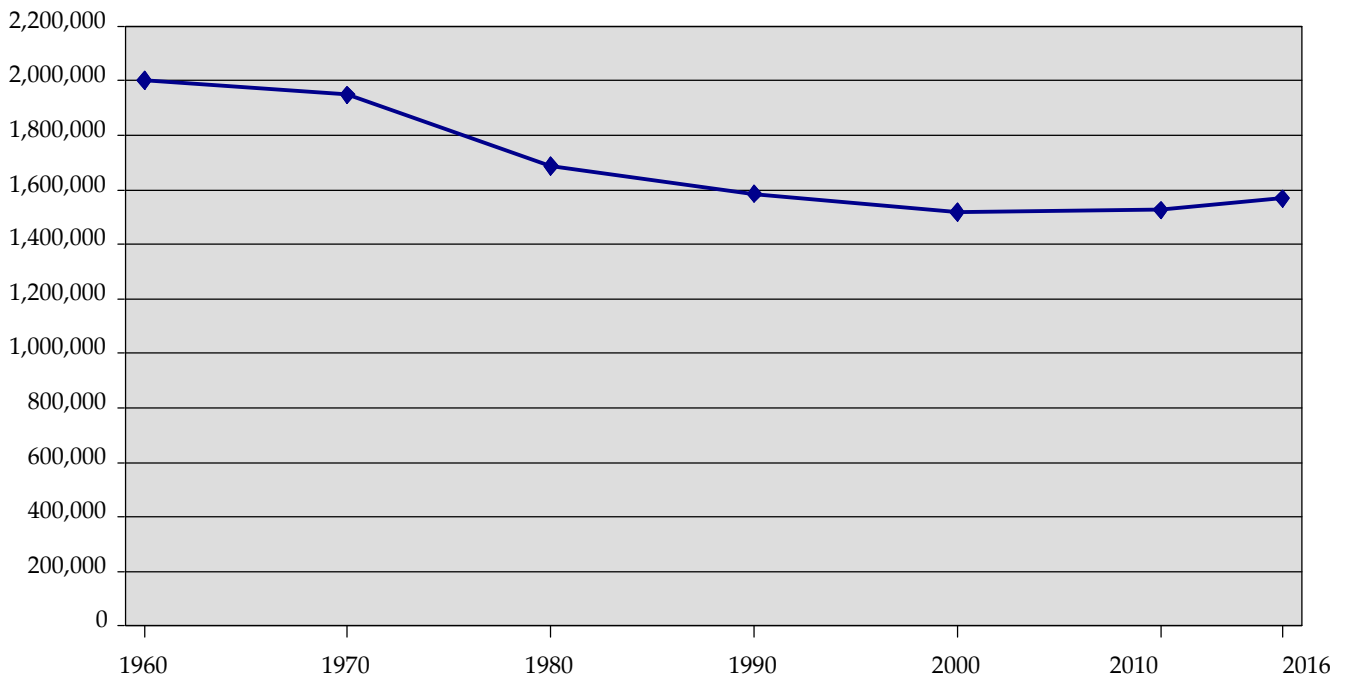


Figure P3  
Decennial Population Counts with Current Year Estimate  
Philadelphia, 1960 - 2016



# Population in Philadelphia: by Age, Race/Ethnicity, and Gender

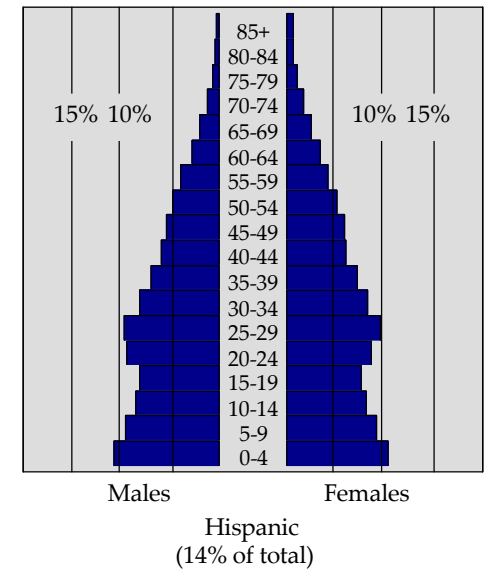
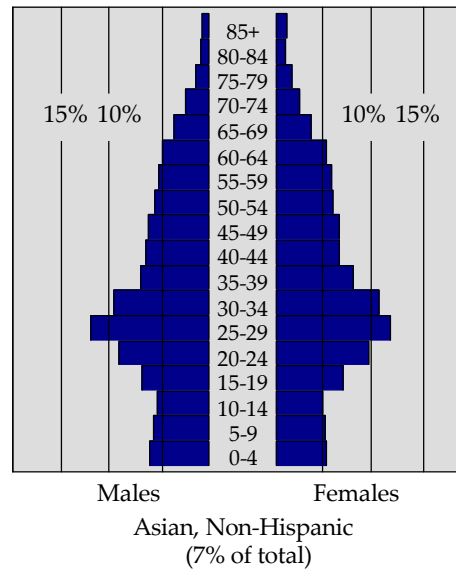
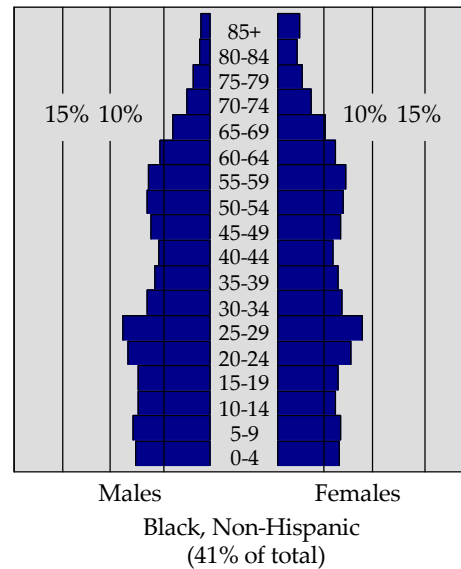
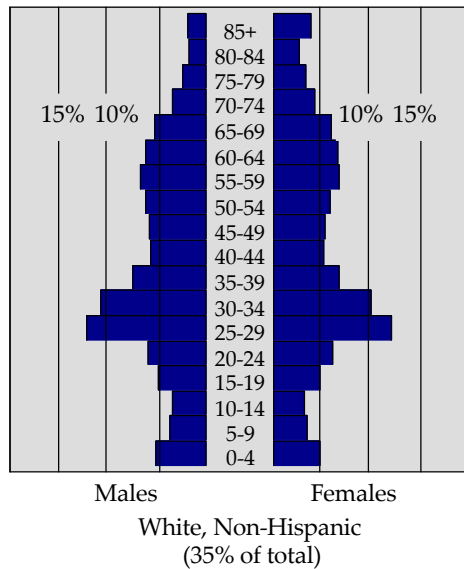
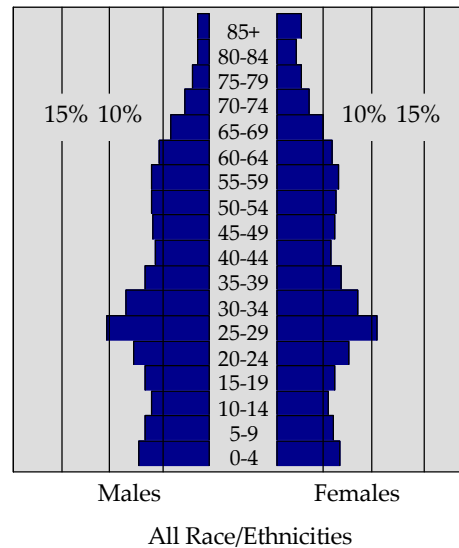
Table P2  
Population by Age, Race/Ethnicity and Gender: Philadelphia, 2016

Age	White, Non-Hispanic				Black, Non-Hispanic				Asian, Non-Hispanic				Hispanic			
	Total	%	Male	Female	Total	%	Male	Female	Total	%	Male	Female	Total	%	Male	Female
0-4	26,821	4.9%	13,687	13,134	45,072	7.0%	22,829	22,243	6,381	5.6%	3,316	3,065	24,115	10.7%	12,297	11,818
5-9	19,693	3.6%	10,083	9,610	45,929	7.1%	23,363	22,566	6,085	5.4%	3,112	2,973	21,402	9.5%	10,860	10,542
10-14	17,886	3.3%	9,136	8,750	42,837	6.6%	21,710	21,127	5,678	5.0%	2,894	2,784	19,007	8.4%	9,771	9,236
15-19	26,394	4.8%	13,006	13,388	43,624	6.7%	21,890	21,734	7,849	6.9%	3,756	4,093	17,999	8.0%	9,309	8,690
20-24	32,894	6.0%	16,055	16,839	51,568	8.0%	25,103	26,465	10,698	9.4%	5,059	5,639	20,674	9.1%	10,754	9,920
25-29	66,945	12.2%	32,958	33,987	57,141	8.8%	26,484	30,657	13,629	12.0%	6,612	7,017	21,933	9.7%	11,034	10,899
30-34	57,157	10.5%	29,108	28,049	42,380	6.6%	19,194	23,186	11,600	10.2%	5,345	6,255	18,689	8.3%	9,310	9,379
35-39	39,241	7.2%	20,266	18,975	38,775	6.0%	16,995	21,780	8,517	7.5%	3,793	4,724	16,137	7.1%	7,951	8,186
40-44	29,680	5.4%	15,424	14,256	35,353	5.5%	15,492	19,861	7,341	6.5%	3,489	3,852	13,514	6.0%	6,672	6,842
45-49	30,505	5.6%	15,760	14,745	40,377	6.2%	17,806	22,571	7,207	6.4%	3,402	3,805	12,767	5.6%	6,112	6,655
50-54	32,746	6.0%	16,518	16,228	42,796	6.6%	19,037	23,759	6,478	5.7%	3,054	3,424	11,214	5.0%	5,407	5,807
55-59	36,551	6.7%	17,923	18,628	43,159	6.7%	18,639	24,520	6,118	5.4%	2,794	3,324	9,209	4.1%	4,467	4,742
60-64	35,303	6.5%	16,815	18,488	36,114	5.6%	15,300	20,814	5,598	4.9%	2,582	3,016	7,081	3.1%	3,228	3,853
65-69	30,601	5.6%	14,116	16,485	28,346	4.4%	11,292	17,054	4,041	3.6%	1,912	2,129	5,116	2.3%	2,314	2,802
70-74	20,742	3.8%	9,102	11,640	18,951	2.9%	7,186	11,765	2,670	2.4%	1,280	1,390	3,299	1.5%	1,400	1,899
75-79	15,635	2.9%	6,528	9,107	13,690	2.1%	5,041	8,649	1,657	1.5%	744	913	2,008	0.9%	850	1,158
80-84	12,181	2.2%	4,781	7,400	10,052	1.6%	3,268	6,784	1,003	0.9%	446	557	1,163	0.5%	476	687
85+	15,793	2.9%	5,112	10,681	10,800	1.7%	2,955	7,845	920	0.8%	354	566	993	0.4%	295	698
Total	546,768	100.0%	266,378	280,390	646,964	100.0%	293,584	353,380	113,470	100.0%	53,944	59,526	226,320	100.0%	112,507	113,813

Source: United States Census Bureau, CC-EST2016-ALLDATA.

# Population in Philadelphia: by Age, Race/Ethnicity, and Gender

Figure P4  
Population by Age, Race/Ethnicity and Gender: Philadelphia, 2016



Source: United States Census Bureau, CC-EST2016-ALLDATA.

The denominator is the number of people by race/ethnicity and sex. The vertical reference lines are on 5% intervals.

# Population in Philadelphia: 2000 - 2016

Figure P5A

Yearly Estimated Population by Age Group: Philadelphia, 2000 - 2016

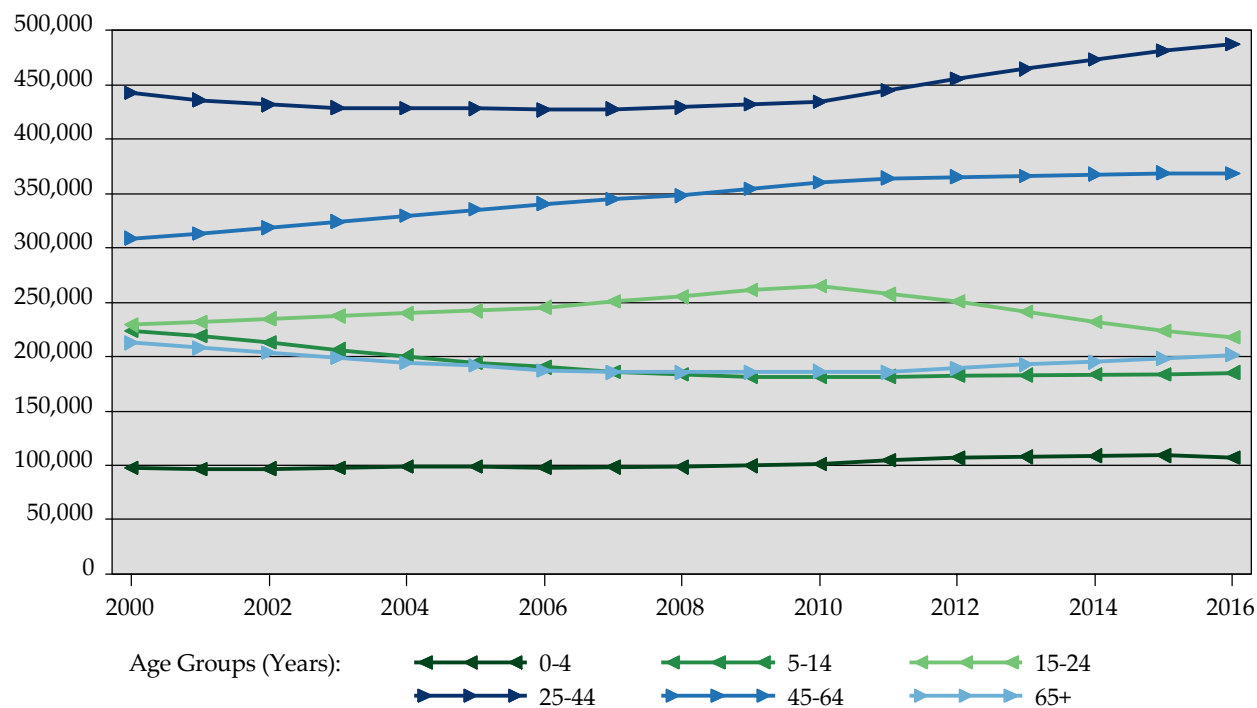
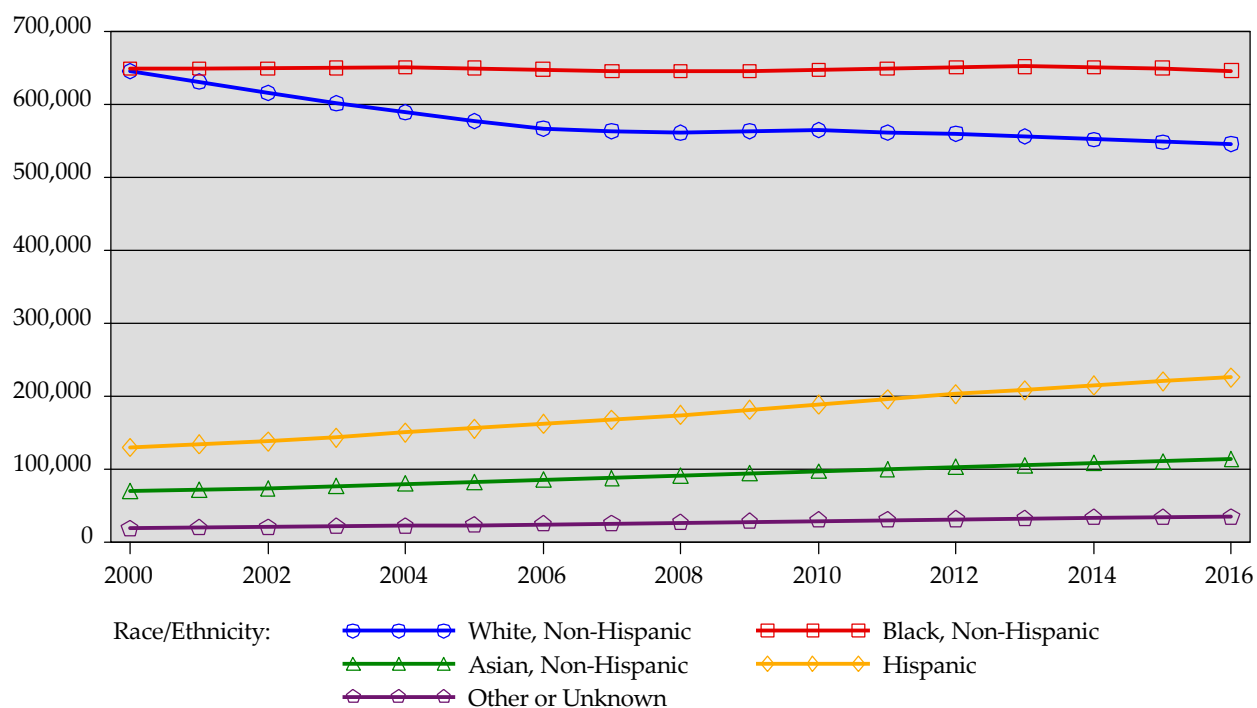


Figure P5B

Yearly Estimated Population by Race/Ethnicity: Philadelphia, 2000 - 2016



# Population in Philadelphia: by Planning District and Race/Ethnicity

Table P3  
Estimated Population of Planning Districts  
By Race/Ethnicity: Philadelphia, 2010

District	White, Non-Hispanic		Black, Non-Hispanic		Asian, Non-Hispanic		Hispanic		All Race/ Ethnicities
	Count	%	Count	%	Count	%	Count	%	Count
District 1 Lower Southwest	4,281	10.2%	32,045	76.1%	3,207	7.6%	1,192	2.8%	42,087
District 2 University / Southwest	23,885	29.4%	42,038	51.8%	9,127	11.2%	2,283	2.8%	81,145
District 3 West	2,175	2.1%	96,940	91.8%			1,387	1.3%	105,642
District 4 West Park	7,918	18.2%	31,656	72.9%	1,193	2.7%	522	1.2%	43,448
District 5 Lower South	4,183	81.4%	526	10.2%	261	5.1%	113	2.2%	5,137
District 6 South	62,074	46.7%	37,232	28.0%	18,781	14.1%	11,137	8.4%	132,899
District 7 Central	78,486	67.0%	17,441	14.9%	10,751	9.2%	5,809	5.0%	117,132
District 8 Lower North	13,087	13.7%	63,940	66.8%	1,344	1.4%	13,823	14.4%	95,777
District 9 North	7,831	5.7%	58,784	42.6%	3,254	2.4%	64,433	46.7%	137,849
District 10 River Wards	44,576	65.1%	6,575	9.6%	1,229	1.8%	13,860	20.2%	68,489
District 11 Upper North	5,688	3.9%	113,375	78.5%	8,022	5.6%	12,088	8.4%	144,381
District 12 Lower Northwest	41,708	82.2%	4,623	9.1%	924	1.8%	1,029	2.0%	50,725
District 13 Upper Northwest	20,642	24.3%	57,947	68.1%	297	0.3%	2,036	2.4%	85,093
District 14 Lower Northeast	22,644	22.6%	43,699	43.6%	7,280	7.3%	23,205	23.2%	100,232
District 15 North Delaware	64,820	64.4%	17,122	17.0%	3,503	3.5%	12,434	12.4%	100,631
District 16 Central Northeast	48,892	62.5%	8,994	11.5%	9,244	11.8%	8,626	11.0%	78,266
District 17 Lower Far Northeast	55,972	79.6%	5,739	8.2%	2,702	3.8%	4,370	6.2%	70,338
District 18 Upper Far Northeast	50,134	75.3%	3,756	5.6%	7,735	11.6%	3,305	5.0%	66,605

Source: United States Census Bureau, 2010 enumeration Summary File 2.

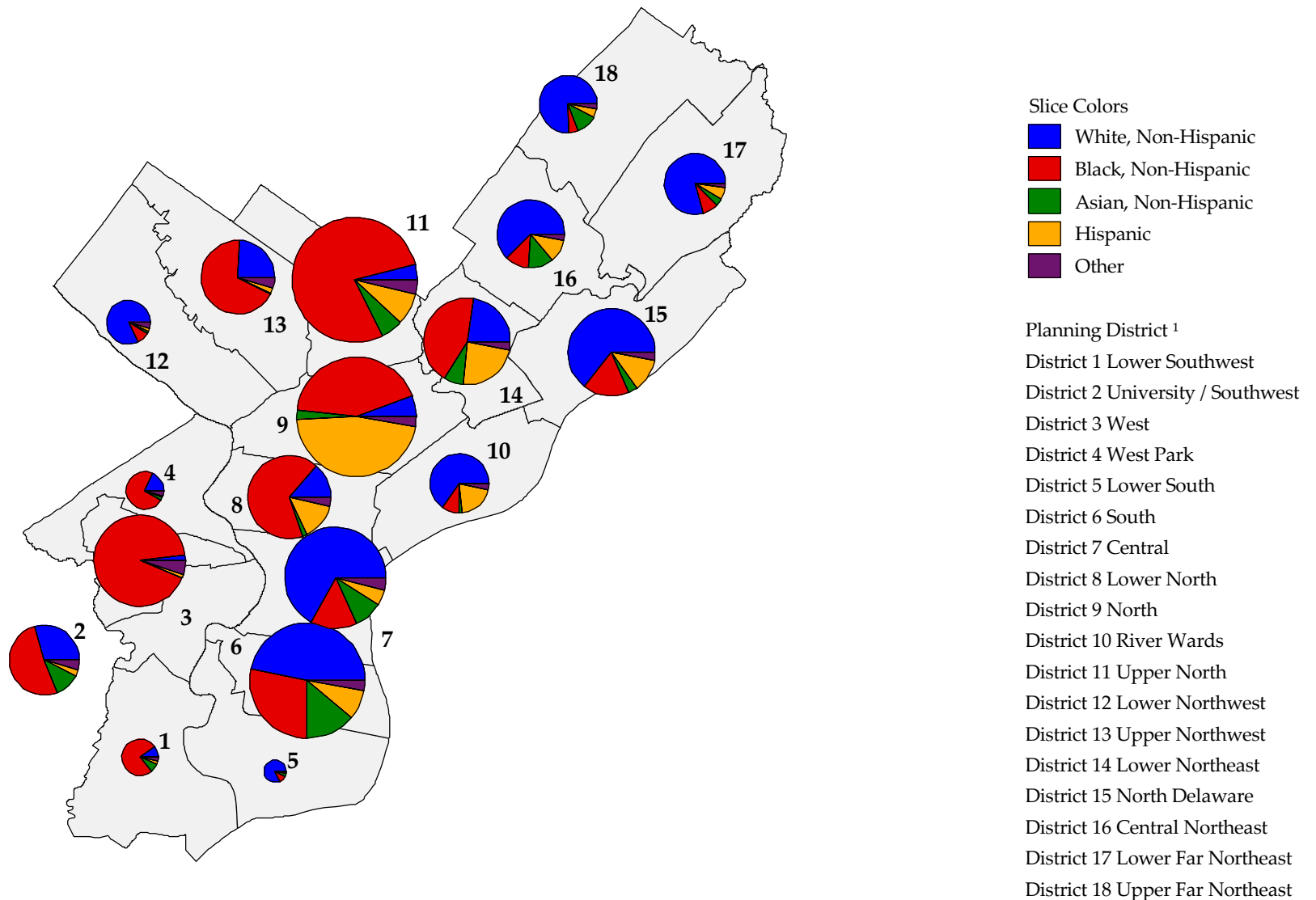
Results for years beyond 2010 were not available for race/ethnicity at the Planning district level. Blank cells indicate that the survey counted too few people for a reliable estimate.

The denominator for percentages is the number in the All Race/Ethnicities column.

# Population in Philadelphia: by Geography and Race/Ethnicity

Map P1

Estimated Population of Planning Districts by Race/Ethnicity: Philadelphia, 2010



Source: United States Census Bureau, 2010 enumeration Summary File 2.

The size of each pie is proportional to the total population of the district. However, the pie for District 5 Lower South is oversized.

<sup>1</sup> District numbers appear on the map.

# Population in Philadelphia: by Geography and Race/Ethnicity

Map P2

Estimated Population of Census Tracts by Race/Ethnicity: Philadelphia, 2010



Source: United States Census Bureau, 2010 enumeration Summary File 2.

Results for years beyond 2010 were not available for race/ethnicity at the Planning district level. See Map P1 to identify the planning districts, shown with dashed lines.

# **Natality Findings**



## Nativity Summary

All Natality statistics are derived from the live birth certificate records, which are electronically reported to the Pennsylvania Department of Health. The denominator to calculate the percentages of the natality indicator, except country of origin, is total live births which do not include the births missing information on the corresponding indicator.

### Births and Birth Rates

In 2016, there were 21,480 live births to women living in Philadelphia ([Table N1A](#)). The crude birth rate was 13.7 per 1,000 residents in 2016. Hispanic women had the highest birth rate, at 17.3. Among non-Hispanic white and Asian women, the highest birth rate was among 30 – 34 year old; among non-Hispanic black and Hispanic women the highest birth rate was among 20 – 24 year old ([Table N2](#), [Figure N2](#)).

Among non-Hispanic white and black women, birth rates were relatively flat between 2006 and 2016 ([Figure N1B](#)). Birth rates among Hispanic women decreased slightly over the same time period, while birth rates among non-Hispanic Asian women have varied.

Over the last 50 plus years, the crude birth rate dropped from 21.9 births per 1,000 persons in 1960 to 14.2 in 2001; increased to 15.8 in 2007 and 2008; and then decreased again to 13.7 in 2016 ([Table N1B](#)).

### Births to Teens

The rate of births to teens 15-19 years of age hovered just under 60 births per 1,000 girls 15-19 between 2006 and 2008. It has decreased steadily every year since, falling to 26.5 in 2016 ([Table N3](#)).

In 2016, the highest rate of births to teens was among Hispanics. From 2006 to 2016, the rate of births among Hispanic teens declined about 58% from 109.5 births per 1,000 to 46.1 births per 1,000 ([Table N3](#)).

### Country of Origin

In 2007, we began reporting on the country of origin of women who gave birth in Philadelphia ([Table N4](#)). In 2016, 21.5% of women who gave birth were born outside of the United States (an additional 1.0% of women did not provide a country of origin): 466 women who gave birth were born in the Dominican Republic, 436 were born in China, and 216 were reported with unknown location of birth. These were the 3 most common countries of origin, outside of the United States.

### Low Birth Weight

Babies weighing < 2,500 grams at the time of birth are considered to be of low birth weight. In 2016, 10.8% of all live births were of low birth weight ([Table N5A](#)). The racial/ethnic group with the highest rate of low birth weight births in 2016 was non-Hispanic black women; 14.1% of their babies had a low birth weight. Overall, the percent of low birth weight births fluctuated between 10% and 12% since 1960. In the last decade, the highest rate of low birth weight is 11.8% in 2007, and the lowest rate is 10.4% in 2012.

Babies weighing < 1,500 grams at the time of birth are considered to be of very low birth weight. In 2016, 2.2% of all live births were of very low birth weight ([Table N5C](#)). As with low birth weight, the racial/ethnic group with the highest rate of very low birth weight in 2016 was non-Hispanic black women; 3.4% of their babies were of very low birth weight. Overall, the percent of very low birth weight births remained stable from 2006 to 2016 at around 2.5%.

### Gestational Age

Gestational age at birth is measured by the number of completed weeks of pregnancy. Preterm births are defined as births with less than 37 completed weeks of gestation. Term births are births with 37 to 41 weeks of completed gestation. Births with 42 or more weeks of completed gestation are post-term births.

In 2016, 10.4% of births were preterm ([Table N6A](#)). The highest rate of preterm births was among non-Hispanic black women, with 13.0% of their babies being born preterm. Overall, the percentage of preterm births remained relatively stable from 2006 to 2016 between 10.4% and 12.9%.

### Delivery, Maternal, and Neonatal Outcomes

Detailed data on complications of labor and delivery and neonatal morbidity can be found in the body of this report. The following are highlights of these statistics.

There was a general increase in Cesarean section deliveries between 2006 and 2009, but the prevalence has plateaued. In 2016, 27.9% of births were delivered via Cesarean section ([Table N9A/N9B](#)). Among women who were obese prior to pregnancy, 35.2% of births were via Cesarean section ([Table N9C](#)).

### Prenatal Care

This report includes data on the timing of initiation of prenatal care. It is important to note that this variable is often missing on Pennsylvania birth certificates; in 2016, 11.6% of all birth records lacked this information. However, this is a decrease in the percentage of missing data compared to 2003, when 40.7% were missing.

Among those with available information, 12.9% of women giving birth in 2016 began prenatal care in the third trimester (late) or had no prenatal care at all ([Table N12B](#)). The highest percentage of late or no prenatal care in 2016 was among Hispanic women at 14.4% not significantly differing from non-Hispanic black women at 14.3%.

### Geographic Disparities

Birth outcomes by planning district varied widely across the city ([Table N13](#)). The highest birth rate and teen birth rate was in North Philadelphia district. West had the highest percentages of low birth weight births. West and West Park Philadelphia planning districts had the highest percentages for preterm births. University/Southwest and Upper North Philadelphia planning districts had the highest percentage of women receiving late or no prenatal care.

# Births and Birth Rates

Table N1A  
Resident Live Births, Total and Crude Birth Rate by Mother's Race/Ethnicity  
Philadelphia, 2006 - 2016

	2006		2007		2008		2009		2010		2011		2012		2013		2014		2015		2016	
	N	Rate	N	Rate	N	Rate	N	Rate	N	Rate	N	Rate	N	Rate	N	Rate	N	Rate	N	Rate	N	Rate
White, Non-Hispanic	5,696	10.0	5,771	10.2	5,921	10.5	5,806	10.3	5,853	10.4	5,922	10.5	5,904	10.5	5,860	10.5	5,811	10.5	5,690	10.4	5,760	10.5
Black, Non-Hispanic	10,666	16.4	10,788	16.7	10,763	16.7	10,702	16.6	10,516	16.2	10,470	16.1	10,328	15.8	9,740	14.9	9,496	14.6	9,379	14.4	8,794	13.6
Asian, Non-Hispanic	1,357	15.8	1,371	15.5	1,345	14.8	1,306	13.9	1,301	13.4	1,335	13.3	1,471	14.2	1,330	12.5	1,465	13.5	1,401	12.6	1,586	14.0
Hispanic	3,788	23.4	3,919	23.3	3,992	22.9	4,017	22.2	3,837	20.4	4,042	20.6	4,045	19.9	3,851	18.5	3,954	18.4	4,070	18.4	3,917	17.3
All Race/Ethnicities	22,905	15.4	23,558	15.8	23,694	15.8	23,431	15.5	23,088	15.1	23,087	15.0	23,157	14.9	22,104	14.2	22,372	14.3	22,071	14.1	21,480	13.7

Rates are given as count per 1,000 residents in the group.

# Births and Birth Rates

Figure N1A  
Births by Mother's Race/Ethnicity  
Philadelphia, 2006 - 2016

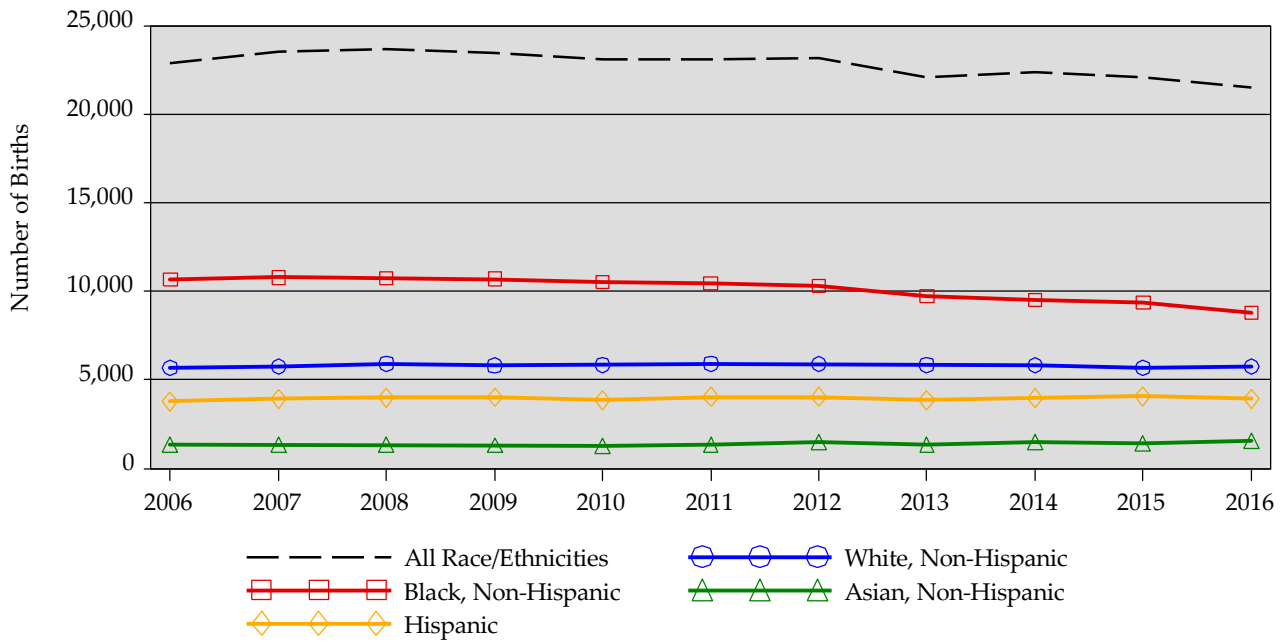
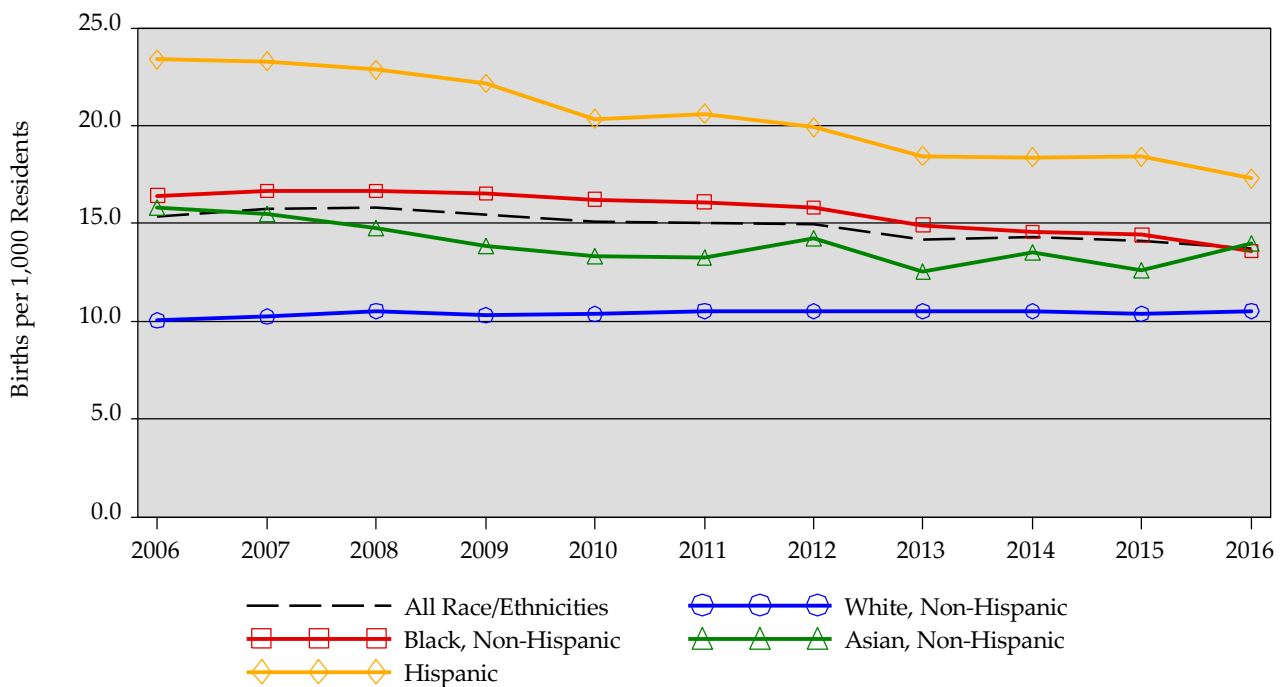


Figure N1B  
Birth Rate by Mother's Race/Ethnicity  
Philadelphia, 2006 - 2016

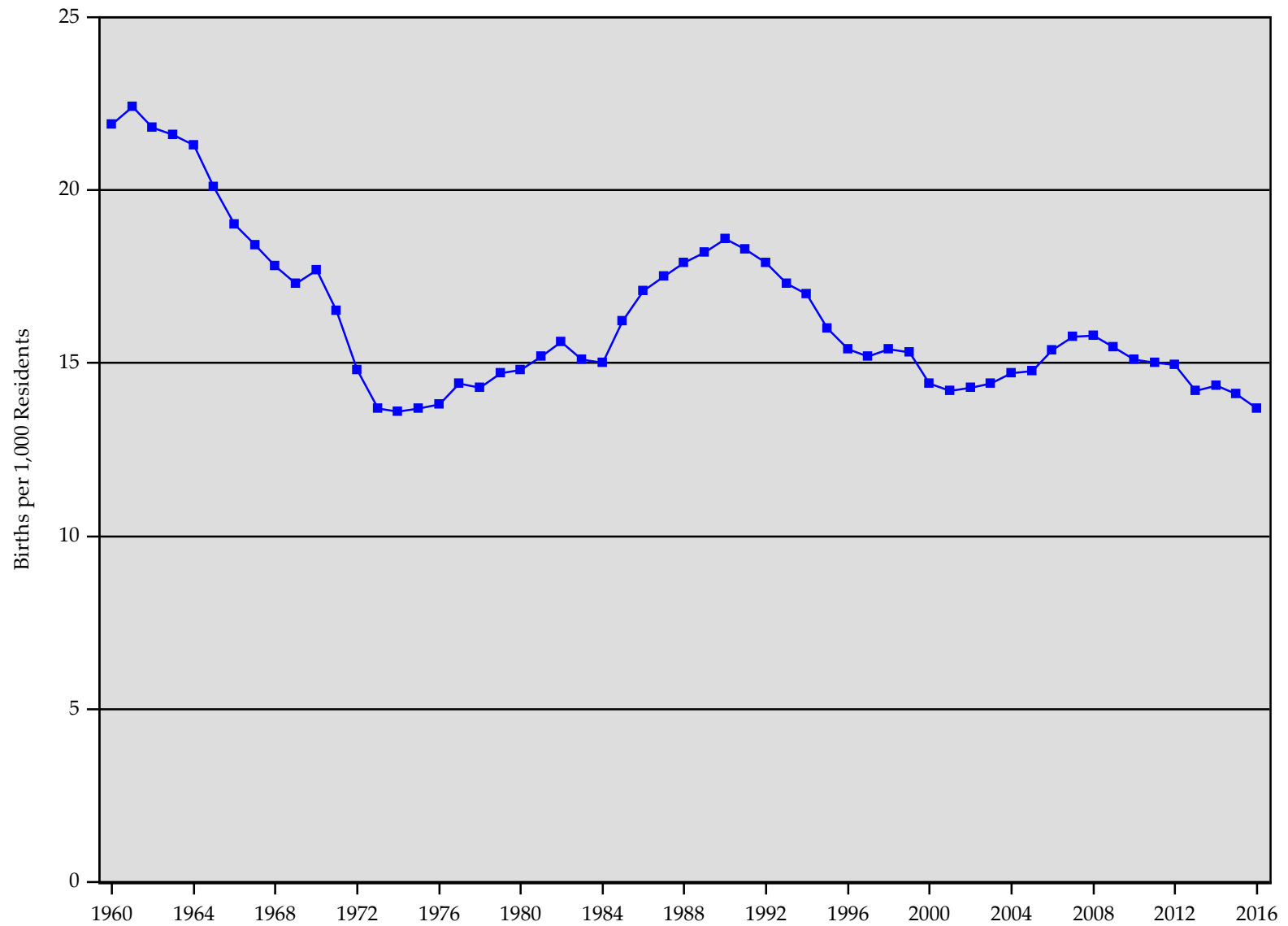


# Births and Birth Rates

Table N1B  
Birth Rates: Philadelphia, 1960 - 2016

Year	N	Rate (per 1,000 residents)	Year	N	Rate (per 1,000 residents)
1960	43,953	21.9	1988	28,723	17.9
1961	44,779	22.4	1989	28,999	18.2
1962	43,445	21.8	1990	29,508	18.6
1963	42,952	21.6	1991	29,067	18.3
1964	42,255	21.3	1992	27,778	17.9
1965	39,762	20.1	1993	26,680	17.3
1966	37,511	19.0	1994	25,946	17.0
1967	36,112	18.4	1995	23,932	16.0
1968	34,963	17.8	1996	22,753	15.4
1969	33,863	17.3	1997	22,038	15.2
1970	34,564	17.7	1998	22,062	15.4
1971	31,541	16.5	1999	21,667	15.3
1972	27,923	14.8	2000	21,849	14.4
1973	25,599	13.7	2001	21,128	14.2
1974	25,005	13.6	2002	21,380	14.3
1975	24,747	13.7	2003	21,313	14.4
1976	24,662	13.8	2004	21,631	14.7
1977	25,356	14.4	2005	22,027	14.8
1978	24,754	14.3	2006	22,905	15.4
1979	25,148	14.7	2007	23,558	15.8
1980	24,903	14.8	2008	23,694	15.8
1981	25,441	15.2	2009	23,431	15.5
1982	25,943	15.6	2010	23,088	15.1
1983	25,071	15.1	2011	23,087	15.0
1984	24,637	15.0	2012	23,157	14.9
1985	26,448	16.2	2013	22,104	14.2
1986	27,875	17.1	2014	22,372	14.3
1987	28,284	17.5	2015	22,071	14.1
			2016	21,480	13.7

Births and Birth Rates  
Figure N1C  
Birth Rates: Philadelphia, 1960 - 2016



# Births and Birth Rates

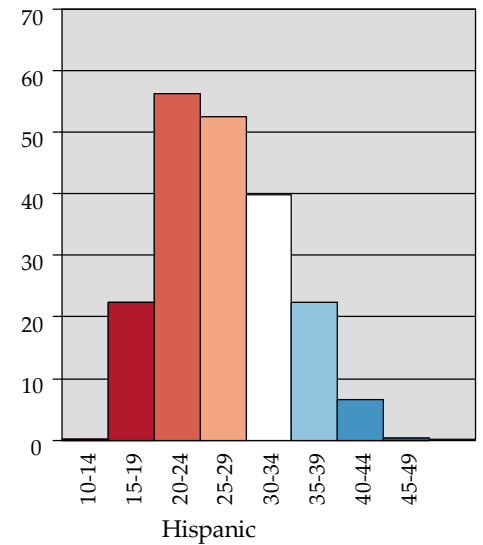
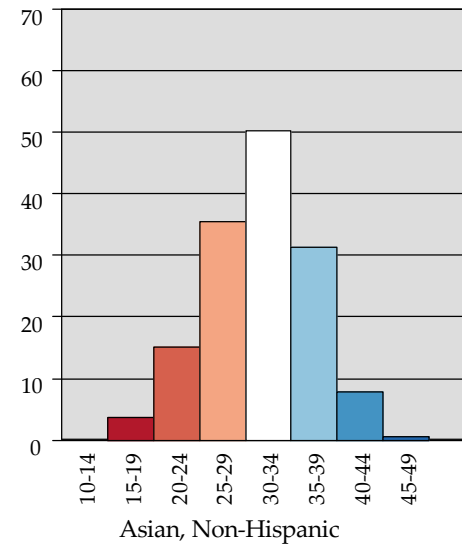
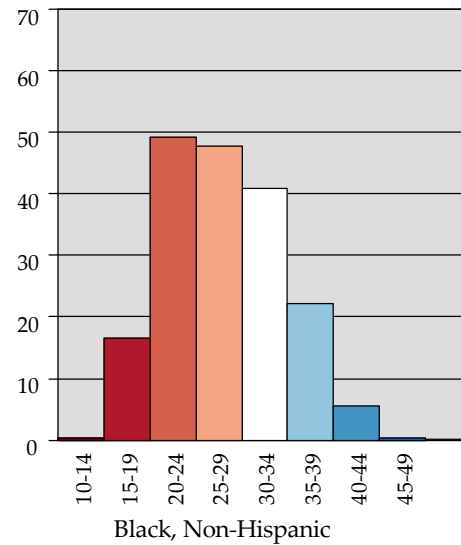
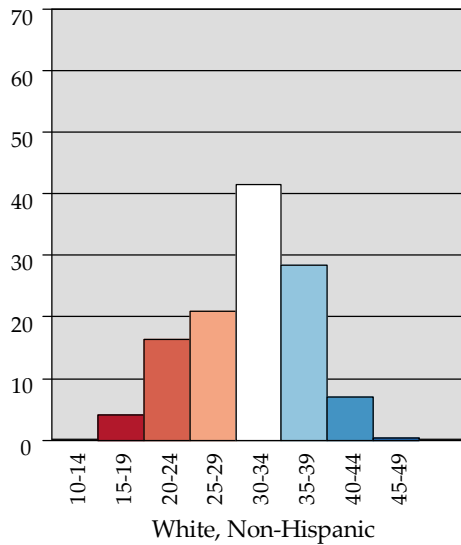
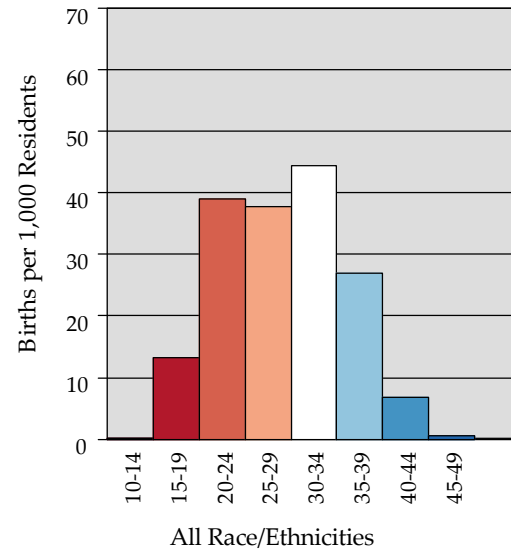
Table N2  
Age-Specific Birth Rates by Mother's Race/Ethnicity  
Philadelphia, 2016

Age of Mother	White, Non-Hispanic		Black, Non-Hispanic		Asian, Non-Hispanic		Hispanic		All Race/ Ethnicities	
	N	Rate	N	Rate	N	Rate	N	Rate	N	Rate
10-14	0	0.0	10	0.2	0	0.0	3	0.2	14	0.2
15-19	106	4.0	724	16.6	28	3.6	401	22.3	1,305	13.2
20-24	541	16.4	2,533	49.1	161	15.0	1,163	56.3	4,650	39.1
25-29	1,406	21.0	2,727	47.7	484	35.5	1,150	52.4	6,177	37.8
30-34	2,372	41.5	1,730	40.8	584	50.3	746	39.9	5,884	44.4
35-39	1,115	28.4	863	22.3	267	31.3	362	22.4	2,820	27.0
40-44	207	7.0	192	5.4	58	7.9	88	6.5	588	6.7
45+	13	0.4	15	0.4	4	0.6	4	0.3	41	0.4
All Ages	5,760	10.5	8,794	13.6	1,586	14.0	3,917	17.3	21,480	13.7
Age-Adjusted Rate		14.7		21.9		17.8		24.0		20.5

Rates are given as count per 1,000 residents in the group.

# Births and Birth Rates

Figure N2  
Age-Specific Birth Rates by Mother's Race/Ethnicity: Philadelphia, 2016





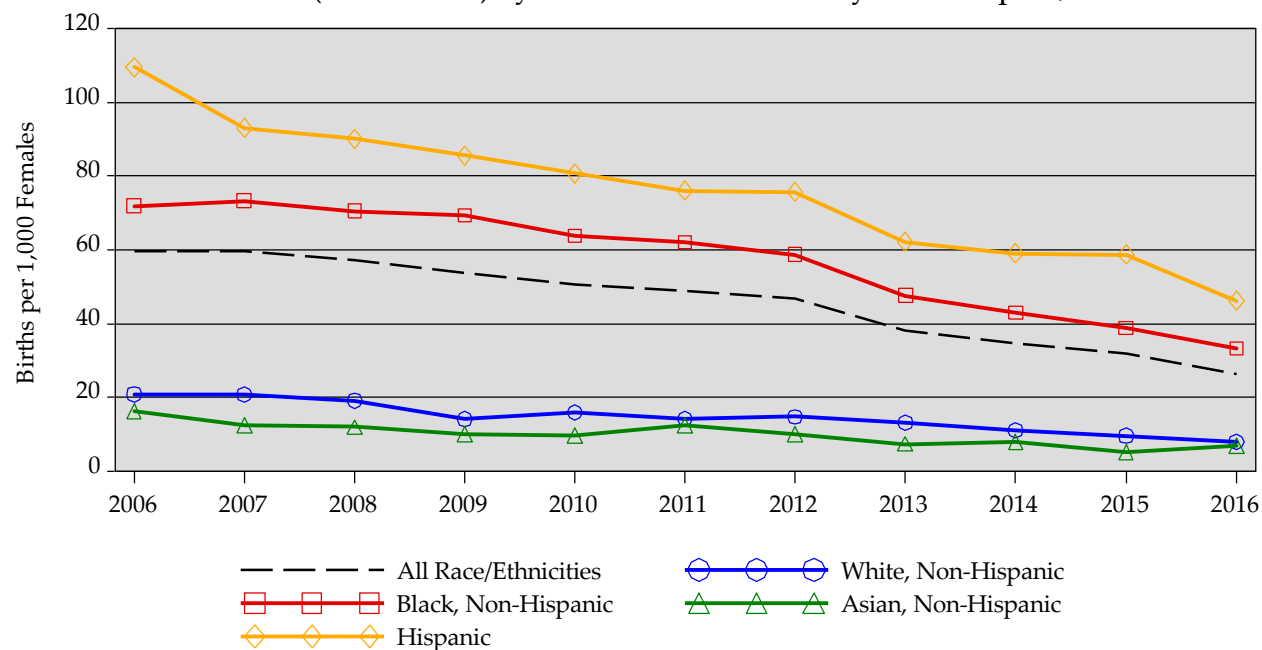
# Births and Birth Rates

**Table N3**  
**Births to Teens (15-19 Years) by Mother's Race/Ethnicity: Philadelphia, 2006 - 2016**

	2006		2007		2008		2009		2010		2011		2012		2013		2014		2015		2016	
	N	Rate	N	Rate	N	Rate	N	Rate	N	Rate	N	Rate	N	Rate	N	Rate	N	Rate	N	Rate	N	Rate
White, Non-Hispanic	373	21.0	367	20.7	336	19.2	245	14.1	271	16.0	214	14.1	216	14.8	189	13.2	156	11.1	131	9.6	106	7.9
Black, Non-Hispanic	2,149	71.9	2,202	73.3	2,100	70.6	2,053	69.5	1,808	63.9	1,652	62.1	1,477	58.8	1,138	47.7	980	43.0	865	38.8	724	33.3
Asian, Non-Hispanic	59	16.4	46	12.4	45	12.0	40	10.1	39	9.7	47	12.4	39	10.2	29	7.4	31	7.9	21	5.3	28	6.8
Hispanic	853	109.5	758	93.1	751	90.1	738	85.6	711	80.7	665	76.0	650	75.7	526	62.1	502	59.1	506	58.6	401	46.1
All Race/Ethnicities	3,603	59.8	3,620	59.5	3,464	57.1	3,269	53.7	3,011	50.5	2,722	48.9	2,505	46.7	1,979	38.1	1,757	34.8	1,599	32.1	1,305	26.5

Rates are given as count per 1,000 females in the group.

**Figure N3**  
**Births to Teens (15-19 Years) by Mother's Race/Ethnicity: Philadelphia, 2006 - 2016**

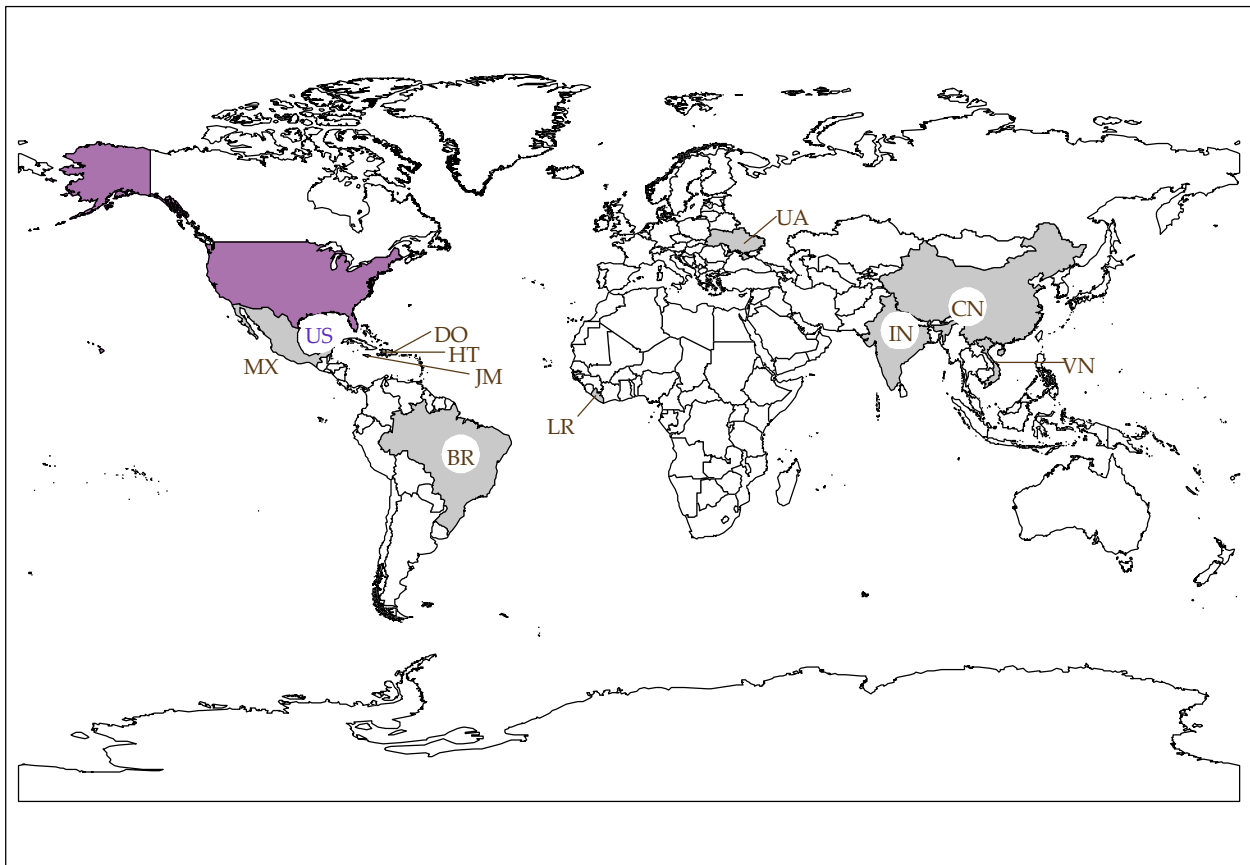


# Mother's Country of Origin

Table N4  
Top 10 Countries of Mother's Origin: Philadelphia, 2016

Rank	Country of Origin	Abbreviation	Births	Percent
1	Dominican Republic	DO	466	2.2%
2	China	CN	436	2.0%
	Unknown		216	1.0%
3	India	IN	212	1.0%
4	Mexico	MX	208	1.0%
5	Vietnam	VN	187	0.9%
6	Haiti	HT	164	0.8%
7	Jamaica	JM	137	0.6%
8	Brazil	BR	131	0.6%
9	Liberia	LR	124	0.6%
10	Ukraine	UA	123	0.6%
	United States	US	16,655	77.5%

Map N1  
Top 10 Countries of Mother's Origin: Philadelphia, 2016

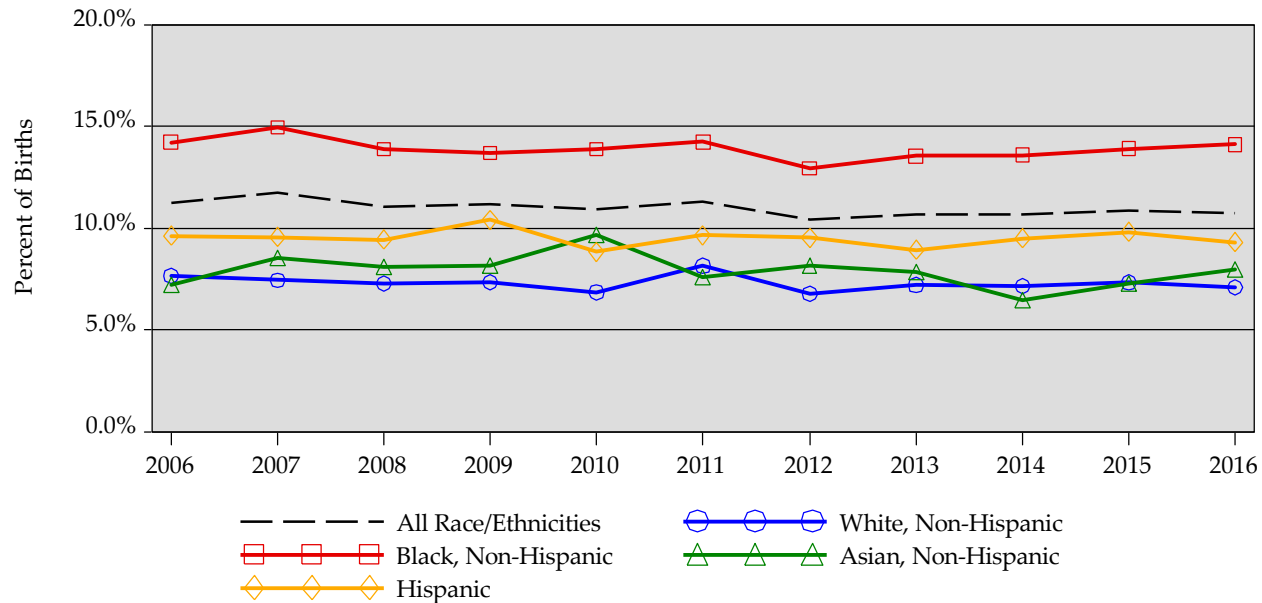


# Birth Weight

Table N5A  
Low Birth Weight (Under 2,500 Grams)  
Philadelphia, 2006 - 2016

	2006		2007		2008		2009		2010		2011		2012		2013		2014		2015		2016	
	N	Rate	N	Rate	N	Rate	N	Rate	N	Rate	N	Rate	N	Rate	N	Rate	N	Rate	N	Rate	N	Rate
White, Non-Hispanic	436	7.7%	430	7.5%	429	7.3%	425	7.3%	401	6.9%	481	8.1%	399	6.8%	411	7.2%	416	7.2%	417	7.3%	409	7.1%
Black, Non-Hispanic	1,518	14.2%	1,612	14.9%	1,475	13.9%	1,452	13.7%	1,451	13.9%	1,480	14.2%	1,325	12.9%	1,302	13.5%	1,288	13.6%	1,304	13.9%	1,240	14.1%
Asian, Non-Hispanic	98	7.2%	117	8.5%	107	8.1%	105	8.2%	125	9.7%	101	7.6%	119	8.2%	103	7.9%	95	6.5%	102	7.3%	126	8.0%
Hispanic	365	9.6%	375	9.6%	375	9.5%	416	10.4%	338	8.8%	389	9.7%	383	9.5%	342	8.9%	373	9.5%	400	9.8%	365	9.3%
All Race/Ethnicities	2,583	11.3%	2,771	11.8%	2,595	11.1%	2,593	11.2%	2,510	10.9%	2,599	11.3%	2,386	10.4%	2,321	10.7%	2,362	10.7%	2,396	10.9%	2,312	10.8%

Figure N4A  
Low Birth Weight (Under 2,500 Grams) by Mother's Race/Ethnicity  
Philadelphia, 2006 - 2016



# Birth Weight

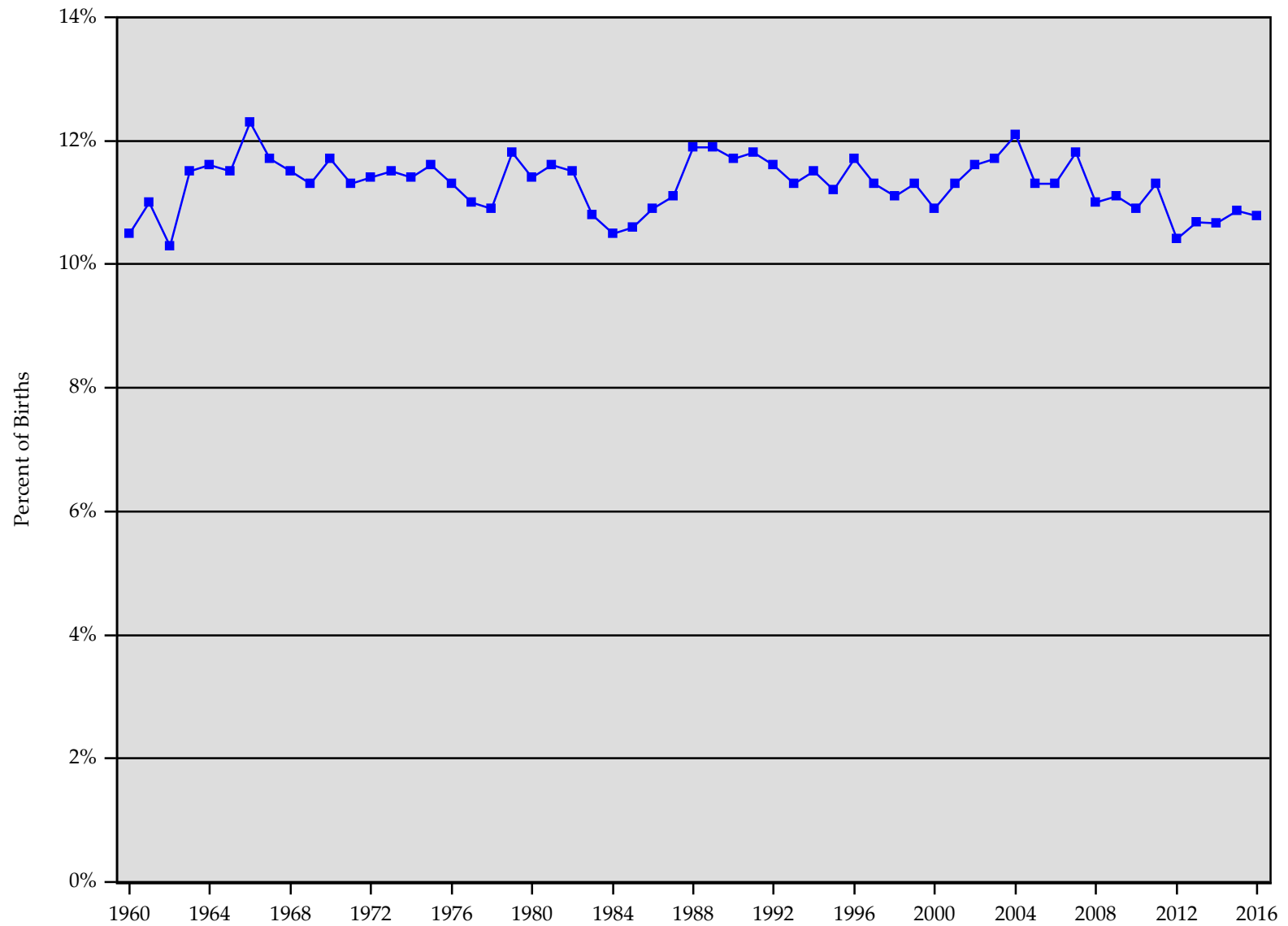
Table N5B  
Low Birth Weight (<2,500 Grams): Philadelphia, 1960 - 2016

Year	N	Percent Low Weight Births	Year	N	Percent Low Weight Births
1960	43,953	10.5%	1988	28,723	11.9%
1961	44,779	11.0%	1989	28,999	11.9%
1962	43,445	10.3%	1990	29,508	11.7%
1963	42,952	11.5%	1991	29,067	11.8%
1964	42,255	11.6%	1992	27,778	11.6%
1965	39,762	11.5%	1993	26,680	11.3%
1966	37,511	12.3%	1994	25,946	11.5%
1967	36,112	11.7%	1995	23,932	11.2%
1968	34,963	11.5%	1996	22,753	11.7%
1969	33,863	11.3%	1997	22,038	11.3%
1970	34,564	11.7%	1998	22,062	11.1%
1971	31,541	11.3%	1999	21,667	11.3%
1972	27,923	11.4%	2000	21,849	10.9%
1973	25,599	11.5%	2001	21,128	11.3%
1974	25,005	11.4%	2002	21,380	11.6%
1975	24,747	11.6%	2003	21,313	11.7%
1976	24,662	11.3%	2004	21,631	12.1%
1977	25,356	11.0%	2005	22,027	11.3%
1978	24,754	10.9%	2006	22,905	11.3%
1979	25,148	11.8%	2007	23,558	11.8%
1980	24,903	11.4%	2008	23,694	11.0%
1981	25,441	11.6%	2009	23,431	11.1%
1982	25,943	11.5%	2010	23,088	10.9%
1983	25,071	10.8%	2011	23,087	11.3%
1984	24,637	10.5%	2012	23,157	10.4%
1985	26,448	10.6%	2013	22,104	10.7%
1986	27,875	10.9%	2014	22,372	10.7%
1987	28,284	11.1%	2015	22,071	10.9%
			2016	21,480	10.8%

# Birth Weight

Figure N4B

Low Birth Weight (<2,500 Grams): Philadelphia, 1960 - 2016

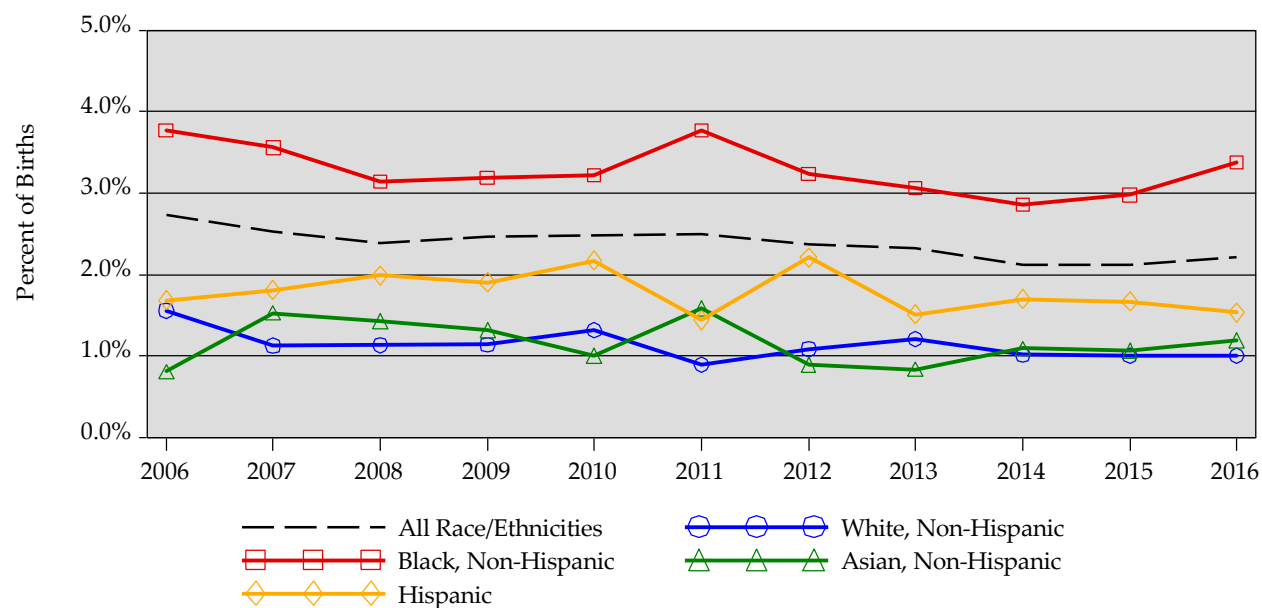


# Birth Weight

Table N5C  
Very Low Birth Weight (Under 1,500 Grams) by Mother's Race/Ethnicity  
Philadelphia, 2006 - 2016

	2006		2007		2008		2009		2010		2011		2012		2013		2014		2015		2016	
	N	Rate	N	Rate	N	Rate	N	Rate	N	Rate	N	Rate	N	Rate	N	Rate	N	Rate	N	Rate	N	Rate
White, Non-Hispanic	89	1.6%	65	1.1%	67	1.1%	66	1.1%	77	1.3%	53	0.9%	64	1.1%	69	1.2%	59	1.0%	57	1.0%	58	1.0%
Black, Non-Hispanic	402	3.8%	384	3.6%	333	3.1%	338	3.2%	337	3.2%	392	3.8%	331	3.2%	295	3.1%	271	2.9%	279	3.0%	297	3.4%
Asian, Non-Hispanic	11	0.8%	21	1.5%	19	1.4%	17	1.3%	13	1.0%	21	1.6%	13	0.9%	11	0.8%	16	1.1%	15	1.1%	19	1.2%
Hispanic	64	1.7%	71	1.8%	79	2.0%	76	1.9%	83	2.2%	58	1.4%	89	2.2%	58	1.5%	67	1.7%	68	1.7%	60	1.5%
All Race/Ethnicities	625	2.7%	597	2.5%	560	2.4%	575	2.5%	568	2.5%	574	2.5%	544	2.4%	507	2.3%	470	2.1%	468	2.1%	477	2.2%

Figure N4C  
Very Low Birth Weight (Under 1,500 Grams) by Mother's Race/Ethnicity  
Philadelphia, 2006 - 2016



# Birth Weight

Table N5D  
Birth Weight by Mother's Age and Race/Ethnicity: Philadelphia, 2016

Race/Ethnicity	Age of Mother	Very Low (<1,500g)		Moderately Low (1,500-2,499g)		Normal (≥2,500g)	
		N	%	N	%	N	%
White	10-14	0	0.0%	0	0.0%	0	0.0%
Non-Hispanic	15-17	0	0.0%	2	6.9%	27	93.1%
	18-19	1	1.3%	6	7.8%	70	90.9%
	20-24	4	0.7%	34	6.3%	503	93.0%
	25-29	9	0.6%	83	5.9%	1,311	93.4%
	30-34	29	1.2%	127	5.4%	2,212	93.4%
	35-39	10	0.9%	83	7.5%	1,019	91.6%
	40-44	5	2.4%	14	6.8%	188	90.8%
	45+	0	0.0%	2	15.4%	11	84.6%
	All Ages	58	1.0%	351	6.1%	5,341	92.9%
Black	10-14	0	0.0%	1	10.0%	9	90.0%
Non-Hispanic	15-17	10	4.6%	28	12.8%	180	82.6%
	18-19	22	4.4%	53	10.5%	430	85.1%
	20-24	86	3.4%	250	9.9%	2,195	86.7%
	25-29	85	3.1%	287	10.5%	2,353	86.3%
	30-34	56	3.2%	172	10.0%	1,500	86.8%
	35-39	32	3.7%	126	14.6%	705	81.7%
	40-44	6	3.1%	24	12.5%	162	84.4%
	45+	0	0.0%	2	13.3%	13	86.7%
	All Ages	297	3.4%	943	10.7%	7,547	85.9%
Asian	10-14	0	0.0%	0	0.0%	0	0.0%
Non-Hispanic	15-17	0	0.0%	1	12.5%	7	87.5%
	18-19	0	0.0%	2	10.0%	18	90.0%
	20-24	2	1.2%	9	5.6%	150	93.2%
	25-29	7	1.4%	35	7.2%	441	91.3%
	30-34	6	1.0%	28	4.8%	548	94.2%
	35-39	1	0.4%	24	9.1%	240	90.6%
	40-44	3	5.2%	8	13.8%	47	81.0%
	45+	0	0.0%	0	0.0%	4	100.0%
	All Ages	19	1.2%	107	6.8%	1,455	92.0%
Hispanic	10-14	0	0.0%	0	0.0%	3	100.0%
	15-17	0	0.0%	10	7.9%	117	92.1%
	18-19	2	0.7%	26	9.5%	246	89.8%
	20-24	29	2.5%	94	8.1%	1,039	89.4%
	25-29	10	0.9%	72	6.3%	1,065	92.9%
	30-34	11	1.5%	61	8.2%	674	90.3%
	35-39	6	1.7%	34	9.4%	321	88.9%
	40-44	2	2.3%	8	9.1%	78	88.6%
	45+	0	0.0%	0	0.0%	4	100.0%
	All Ages	60	1.5%	305	7.8%	3,547	90.7%
All Race/ Ethnicities	10-14	0	0.0%	1	7.1%	13	92.9%
	15-17	11	2.8%	45	11.5%	335	85.7%
	18-19	27	3.0%	90	9.9%	796	87.2%
	20-24	129	2.8%	411	8.8%	4,107	88.4%
	25-29	123	2.0%	517	8.4%	5,528	89.6%
	30-34	113	1.9%	423	7.2%	5,340	90.9%
	35-39	57	2.0%	285	10.1%	2,472	87.8%
	40-44	17	2.9%	59	10.0%	512	87.1%
	45+	0	0.0%	4	9.8%	37	90.2%
	All Ages	477	2.2%	1,835	8.6%	19,141	89.2%

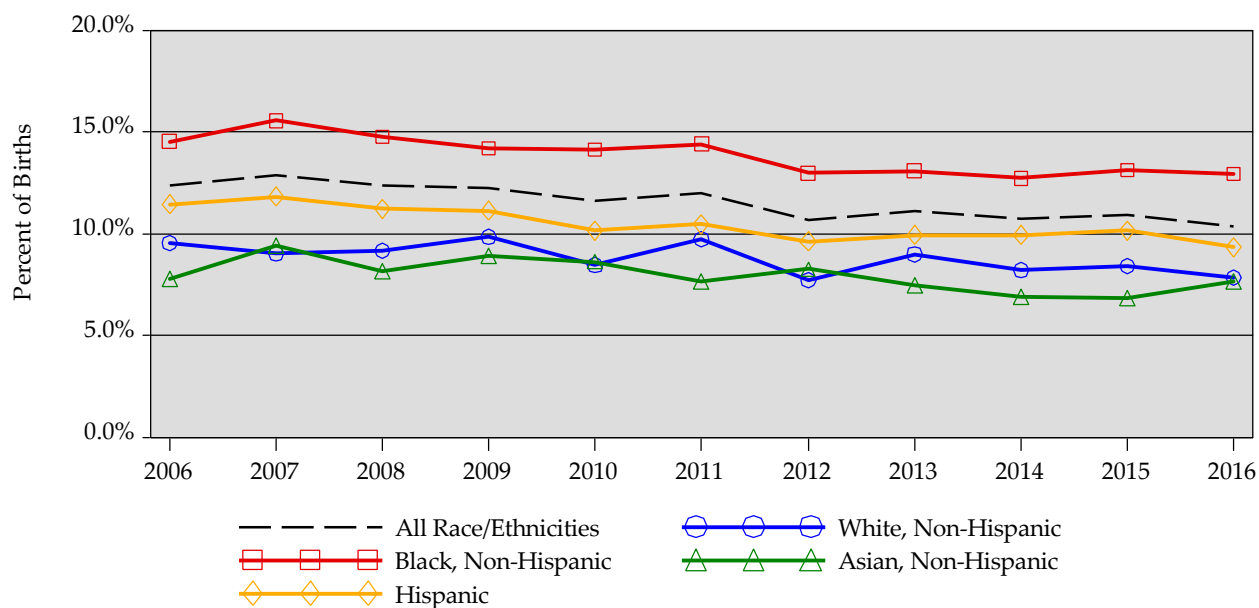
Note: The denominator for percentages does not include births missing information on birth weight.

# Gestational Age

Table N6A  
Preterm Births (<37 Weeks) by Mother's Race/Ethnicity  
Philadelphia, 2006 - 2016

	2006		2007		2008		2009		2010		2011		2012		2013		2014		2015		2016	
	N	Rate	N	Rate	N	Rate	N	Rate	N	Rate	N	Rate	N	Rate	N	Rate	N	Rate	N	Rate	N	Rate
White, Non-Hispanic	544	9.6%	521	9.0%	539	9.2%	567	9.8%	492	8.5%	573	9.7%	453	7.7%	524	9.0%	476	8.2%	478	8.4%	451	7.9%
Black, Non-Hispanic	1,551	14.5%	1,679	15.6%	1,569	14.8%	1,507	14.2%	1,479	14.1%	1,501	14.4%	1,333	13.0%	1,270	13.1%	1,208	12.7%	1,233	13.2%	1,139	13.0%
Asian, Non-Hispanic	106	7.8%	129	9.4%	109	8.2%	116	8.9%	112	8.6%	102	7.7%	121	8.3%	99	7.5%	101	6.9%	96	6.9%	122	7.7%
Hispanic	434	11.5%	464	11.8%	439	11.2%	444	11.1%	389	10.2%	422	10.5%	387	9.6%	382	9.9%	393	9.9%	414	10.2%	366	9.3%
All Race/Ethnicities	2,830	12.4%	3,037	12.9%	2,904	12.4%	2,844	12.2%	2,677	11.7%	2,750	12.0%	2,449	10.7%	2,445	11.1%	2,395	10.7%	2,411	10.9%	2,227	10.4%

Figure N5  
Preterm Births (<37 Weeks) by Mother's Race/Ethnicity  
Philadelphia, 2006 - 2016





# Gestational Age

Table N6B

Gestational Age by Mother's Age and Race/Ethnicity: Philadelphia, 2016

Race/Ethnicity	Age of Mother	Preterm (<37wks)		Term (37-41wks)		Postterm (>41wks)	
		N	%	N	%	N	%
White	10-14	0	0.0%	0	0.0%	0	0.0%
Non-Hispanic	15-17	0	0.0%	29	100.0%	0	0.0%
	18-19	4	5.2%	73	94.8%	0	0.0%
	20-24	43	7.9%	496	91.7%	2	0.4%
	25-29	103	7.4%	1,294	92.4%	3	0.2%
	30-34	192	8.1%	2,166	91.6%	6	0.3%
	35-39	83	7.5%	1,022	92.3%	2	0.2%
	40-44	24	11.8%	179	88.2%	0	0.0%
	45+	2	16.7%	10	83.3%	0	0.0%
	All Ages	451	7.9%	5,269	91.9%	13	0.2%
Black	10-14	1	10.0%	9	90.0%	0	0.0%
Non-Hispanic	15-17	26	11.9%	189	86.7%	3	1.4%
	18-19	70	13.9%	433	85.7%	2	0.4%
	20-24	284	11.2%	2,248	88.8%	0	0.0%
	25-29	346	12.7%	2,375	87.2%	4	0.1%
	30-34	229	13.2%	1,496	86.5%	5	0.3%
	35-39	155	18.0%	701	81.4%	5	0.6%
	40-44	26	13.6%	165	86.4%	0	0.0%
	45+	2	13.3%	13	86.7%	0	0.0%
	All Ages	1,139	13.0%	7,629	86.8%	19	0.2%
Asian	10-14	0	0.0%	0	0.0%	0	0.0%
Non-Hispanic	15-17	2	25.0%	6	75.0%	0	0.0%
	18-19	1	5.0%	19	95.0%	0	0.0%
	20-24	9	5.6%	152	94.4%	0	0.0%
	25-29	31	6.4%	451	93.4%	1	0.2%
	30-34	47	8.0%	534	91.4%	3	0.5%
	35-39	21	7.9%	246	92.1%	0	0.0%
	40-44	11	19.0%	47	81.0%	0	0.0%
	45+	0	0.0%	4	100.0%	0	0.0%
	All Ages	122	7.7%	1,459	92.1%	4	0.3%
Hispanic	10-14	0	0.0%	3	100.0%	0	0.0%
Non-Hispanic	15-17	13	10.2%	114	89.8%	0	0.0%
	18-19	27	9.9%	247	90.1%	0	0.0%
	20-24	115	9.9%	1,048	90.1%	0	0.0%
	25-29	81	7.0%	1,069	93.0%	0	0.0%
	30-34	82	11.0%	664	89.0%	0	0.0%
	35-39	39	10.8%	322	89.0%	1	0.3%
	40-44	9	10.2%	79	89.8%	0	0.0%
	45+	0	0.0%	4	100.0%	0	0.0%
	All Ages	366	9.3%	3,550	90.6%	1	0.0%
All Race/ Ethnicities	10-14	2	14.3%	12	85.7%	0	0.0%
	15-17	44	11.3%	344	88.0%	3	0.8%
	18-19	107	11.7%	804	88.1%	2	0.2%
	20-24	476	10.2%	4,170	89.7%	2	0.0%
	25-29	606	9.8%	5,551	90.0%	9	0.1%
	30-34	593	10.1%	5,267	89.6%	16	0.3%
	35-39	319	11.4%	2,482	88.3%	9	0.3%
	40-44	75	12.9%	508	87.1%	0	0.0%
	45+	4	10.0%	36	90.0%	0	0.0%
	All Ages	2,227	10.4%	19,174	89.4%	41	0.2%

Note: The denominator for percentages does not include births missing information on gestational age.

# Birth Parity

Table N7

Birth Parity by Mother's Age and Race/Ethnicity: Philadelphia, 2016

Race/Ethnicity	Age of Mother	1st Child		2nd Child		3rd Child		4th Child		5th Child +	
		N	%	N	%	N	%	N	%	N	%
White	10-14	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%
Non-Hispanic	15-17	28	100.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%
	18-19	67	88.2%	8	10.5%	1	1.3%	0	0.0%	0	0.0%
	20-24	318	59.1%	159	29.6%	49	9.1%	11	2.0%	1	0.2%
	25-29	723	51.7%	409	29.2%	180	12.9%	57	4.1%	30	2.1%
	30-34	1,169	49.5%	743	31.4%	285	12.1%	100	4.2%	66	2.8%
	35-39	403	36.2%	431	38.7%	170	15.3%	56	5.0%	53	4.8%
	40-44	71	34.3%	68	32.9%	30	14.5%	11	5.3%	27	13.0%
	45+	5	38.5%	3	23.1%	3	23.1%	0	0.0%	2	15.4%
	All Ages	2,784	48.5%	1,821	31.7%	718	12.5%	235	4.1%	179	3.1%
Black	10-14	10	100.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%
Non-Hispanic	15-17	201	92.6%	14	6.5%	1	0.5%	1	0.5%	0	0.0%
	18-19	408	80.8%	83	16.4%	11	2.2%	2	0.4%	1	0.2%
	20-24	1,196	47.5%	842	33.4%	337	13.4%	102	4.0%	42	1.7%
	25-29	734	27.1%	909	33.6%	616	22.8%	279	10.3%	169	6.2%
	30-34	334	19.5%	455	26.5%	409	23.8%	264	15.4%	255	14.9%
	35-39	141	16.4%	208	24.2%	189	22.0%	134	15.6%	187	21.8%
	40-44	25	13.2%	50	26.3%	42	22.1%	26	13.7%	47	24.7%
	45+	4	26.7%	1	6.7%	3	20.0%	3	20.0%	4	26.7%
	All Ages	3,053	34.9%	2,562	29.3%	1,608	18.4%	811	9.3%	705	8.1%
Asian	10-14	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%
Non-Hispanic	15-17	7	87.5%	1	12.5%	0	0.0%	0	0.0%	0	0.0%
	18-19	17	85.0%	2	10.0%	1	5.0%	0	0.0%	0	0.0%
	20-24	102	63.4%	36	22.4%	17	10.6%	4	2.5%	2	1.2%
	25-29	246	51.4%	163	34.0%	54	11.3%	12	2.5%	4	0.8%
	30-34	263	45.1%	211	36.2%	80	13.7%	15	2.6%	14	2.4%
	35-39	79	29.6%	112	41.9%	53	19.9%	17	6.4%	6	2.2%
	40-44	23	39.7%	21	36.2%	9	15.5%	1	1.7%	4	6.9%
	45+	1	25.0%	3	75.0%	0	0.0%	0	0.0%	0	0.0%
	All Ages	738	46.7%	549	34.7%	214	13.5%	49	3.1%	30	1.9%
Hispanic	10-14	3	100.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%
Non-Hispanic	15-17	118	92.9%	9	7.1%	0	0.0%	0	0.0%	0	0.0%
	18-19	198	72.3%	61	22.3%	11	4.0%	4	1.5%	0	0.0%
	20-24	538	46.5%	377	32.6%	165	14.2%	51	4.4%	27	2.3%
	25-29	298	26.0%	431	37.7%	243	21.2%	108	9.4%	64	5.6%
	30-34	145	19.6%	216	29.2%	198	26.8%	90	12.2%	91	12.3%
	35-39	65	18.0%	83	23.0%	85	23.5%	67	18.6%	61	16.9%
	40-44	12	13.8%	20	23.0%	23	26.4%	18	20.7%	14	16.1%
	45+	1	25.0%	1	25.0%	2	50.0%	0	0.0%	0	0.0%
	All Ages	1,378	35.4%	1,198	30.7%	727	18.7%	338	8.7%	257	6.6%
All Race/ Ethnicities	10-14	14	100.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%
	15-17	363	93.3%	24	6.2%	1	0.3%	1	0.3%	0	0.0%
	18-19	723	79.3%	156	17.1%	25	2.7%	7	0.8%	1	0.1%
	20-24	2,297	49.7%	1,479	32.0%	594	12.8%	176	3.8%	77	1.7%
	25-29	2,157	35.2%	2,040	33.2%	1,162	18.9%	490	8.0%	287	4.7%
	30-34	2,051	35.1%	1,762	30.1%	1,058	18.1%	512	8.8%	467	8.0%
	35-39	747	26.6%	891	31.7%	542	19.3%	290	10.3%	342	12.2%
	40-44	144	24.7%	174	29.8%	111	19.0%	59	10.1%	96	16.4%
	45+	11	26.8%	9	22.0%	8	19.5%	4	9.8%	9	22.0%
	All Ages	8,507	39.8%	6,535	30.6%	3,502	16.4%	1,539	7.2%	1,279	6.0%

Note: The denominator for percentages does not include births missing information on previous live births now living or dead.

# Birth Plurality

Table N8  
Birth Plurality by Mother's Age and Race/Ethnicity: Philadelphia, 2016

Race/Ethnicity	Age of Mother	Single Birth		Twin Birth		Triplet Birth +	
		N	%	N	%	N	%
White	10-14	0	0.0%	0	0.0%	0	0.0%
Non-Hispanic	15-17	29	100.0%	0	0.0%	0	0.0%
	18-19	77	100.0%	0	0.0%	0	0.0%
	20-24	523	96.7%	18	3.3%	0	0.0%
	25-29	1,363	96.9%	40	2.8%	3	0.2%
	30-34	2,276	96.0%	96	4.0%	0	0.0%
	35-39	1,059	95.0%	56	5.0%	0	0.0%
	40-44	201	97.1%	6	2.9%	0	0.0%
	45+	13	100.0%	0	0.0%	0	0.0%
	All Ages	5,541	96.2%	216	3.8%	3	0.1%
Black	10-14	10	100.0%	0	0.0%	0	0.0%
Non-Hispanic	15-17	215	98.6%	3	1.4%	0	0.0%
	18-19	479	94.7%	24	4.7%	3	0.6%
	20-24	2,463	97.2%	70	2.8%	0	0.0%
	25-29	2,622	96.1%	102	3.7%	3	0.1%
	30-34	1,659	95.9%	71	4.1%	0	0.0%
	35-39	802	92.9%	58	6.7%	3	0.3%
	40-44	184	95.8%	8	4.2%	0	0.0%
	45+	15	100.0%	0	0.0%	0	0.0%
	All Ages	8,449	96.1%	336	3.8%	9	0.1%
Asian	10-14	0	0.0%	0	0.0%	0	0.0%
Non-Hispanic	15-17	8	100.0%	0	0.0%	0	0.0%
	18-19	20	100.0%	0	0.0%	0	0.0%
	20-24	157	97.5%	4	2.5%	0	0.0%
	25-29	470	97.1%	14	2.9%	0	0.0%
	30-34	559	95.7%	25	4.3%	0	0.0%
	35-39	259	97.0%	8	3.0%	0	0.0%
	40-44	52	89.7%	6	10.3%	0	0.0%
	45+	4	100.0%	0	0.0%	0	0.0%
	All Ages	1,529	96.4%	57	3.6%	0	0.0%
Hispanic	10-14	3	100.0%	0	0.0%	0	0.0%
	15-17	127	100.0%	0	0.0%	0	0.0%
	18-19	266	97.1%	8	2.9%	0	0.0%
	20-24	1,130	97.2%	31	2.7%	2	0.2%
	25-29	1,124	97.7%	26	2.3%	0	0.0%
	30-34	713	95.6%	33	4.4%	0	0.0%
	35-39	347	95.9%	15	4.1%	0	0.0%
	40-44	86	97.7%	2	2.3%	0	0.0%
	45+	4	100.0%	0	0.0%	0	0.0%
	All Ages	3,800	97.0%	115	2.9%	2	0.1%
All Race/ Ethnicities	10-14	14	100.0%	0	0.0%	0	0.0%
	15-17	388	99.2%	3	0.8%	0	0.0%
	18-19	879	96.2%	32	3.5%	3	0.3%
	20-24	4,520	97.2%	128	2.8%	2	0.0%
	25-29	5,974	96.7%	197	3.2%	6	0.1%
	30-34	5,646	96.0%	238	4.0%	0	0.0%
	35-39	2,669	94.6%	148	5.2%	3	0.1%
	40-44	564	95.9%	24	4.1%	0	0.0%
	45+	39	95.1%	2	4.9%	0	0.0%
	All Ages	20,694	96.3%	772	3.6%	14	0.1%

Note: The denominator for percentages does not include births missing information on birth plurality.

# Route and Method of Delivery

Table N9A

Route and Method of Delivery by Mother's Age and Race/Ethnicity: Philadelphia, 2016

Race/Ethnicity	Age of Mother	Vaginal/Spontaneous		Vaginal/Forceps		Vaginal/Vacuum		Cesarean	
		N	%	N	%	N	%	N	%
White	10-14	0	0.0%	0	0.0%	0	0.0%	0	0.0%
Non-Hispanic	15-17	18	62.1%	0	0.0%	3	10.3%	8	27.6%
	18-19	50	64.9%	0	0.0%	9	11.7%	18	23.4%
	20-24	385	71.2%	6	1.1%	27	5.0%	123	22.7%
	25-29	1,004	71.4%	8	0.6%	56	4.0%	338	24.0%
	30-34	1,655	69.8%	7	0.3%	65	2.7%	645	27.2%
	35-39	682	61.2%	7	0.6%	25	2.2%	401	36.0%
	40-44	119	57.5%	2	1.0%	5	2.4%	81	39.1%
	45+	7	53.8%	0	0.0%	1	7.7%	5	38.5%
	All Ages	3,920	68.1%	30	0.5%	191	3.3%	1,619	28.1%
Black	10-14	9	90.0%	0	0.0%	0	0.0%	1	10.0%
Non-Hispanic	15-17	174	79.8%	1	0.5%	8	3.7%	35	16.1%
	18-19	393	77.7%	2	0.4%	10	2.0%	101	20.0%
	20-24	1,907	75.3%	11	0.4%	54	2.1%	561	22.1%
	25-29	1,870	68.6%	10	0.4%	34	1.2%	813	29.8%
	30-34	1,127	65.1%	4	0.2%	24	1.4%	575	33.2%
	35-39	540	62.6%	1	0.1%	7	0.8%	315	36.5%
	40-44	90	46.9%	0	0.0%	8	4.2%	94	49.0%
	45+	7	46.7%	0	0.0%	1	6.7%	7	46.7%
	All Ages	6,117	69.6%	29	0.3%	146	1.7%	2,502	28.5%
Asian	10-14	0	0.0%	0	0.0%	0	0.0%	0	0.0%
Non-Hispanic	15-17	8	100.0%	0	0.0%	0	0.0%	0	0.0%
	18-19	17	85.0%	0	0.0%	0	0.0%	3	15.0%
	20-24	124	77.0%	0	0.0%	4	2.5%	33	20.5%
	25-29	354	73.1%	3	0.6%	19	3.9%	108	22.3%
	30-34	403	69.0%	4	0.7%	21	3.6%	156	26.7%
	35-39	175	65.5%	2	0.7%	7	2.6%	83	31.1%
	40-44	24	41.4%	0	0.0%	2	3.4%	32	55.2%
	45+	2	50.0%	0	0.0%	1	25.0%	1	25.0%
	All Ages	1,107	69.8%	9	0.6%	54	3.4%	416	26.2%
Hispanic	10-14	3	100.0%	0	0.0%	0	0.0%	0	0.0%
	15-17	109	85.8%	1	0.8%	4	3.1%	13	10.2%
	18-19	211	77.0%	2	0.7%	11	4.0%	50	18.2%
	20-24	882	75.8%	1	0.1%	25	2.1%	255	21.9%
	25-29	793	69.0%	6	0.5%	19	1.7%	332	28.9%
	30-34	475	63.7%	0	0.0%	21	2.8%	250	33.5%
	35-39	220	60.8%	0	0.0%	9	2.5%	133	36.7%
	40-44	50	56.8%	0	0.0%	2	2.3%	36	40.9%
	45+	2	50.0%	0	0.0%	0	0.0%	2	50.0%
	All Ages	2,745	70.1%	10	0.3%	91	2.3%	1,071	27.3%
All Race/ Ethnicities	10-14	13	92.9%	0	0.0%	0	0.0%	1	7.1%
	15-17	316	80.8%	2	0.5%	15	3.8%	58	14.8%
	18-19	702	76.8%	4	0.4%	30	3.3%	178	19.5%
	20-24	3,499	75.2%	20	0.4%	115	2.5%	1,016	21.8%
	25-29	4,331	70.1%	28	0.5%	134	2.2%	1,684	27.3%
	30-34	3,968	67.4%	18	0.3%	136	2.3%	1,761	29.9%
	35-39	1,741	61.7%	12	0.4%	53	1.9%	1,014	36.0%
	40-44	306	52.0%	2	0.3%	17	2.9%	263	44.7%
	45+	22	53.7%	0	0.0%	3	7.3%	16	39.0%
	All Ages	14,899	69.4%	86	0.4%	503	2.3%	5,991	27.9%

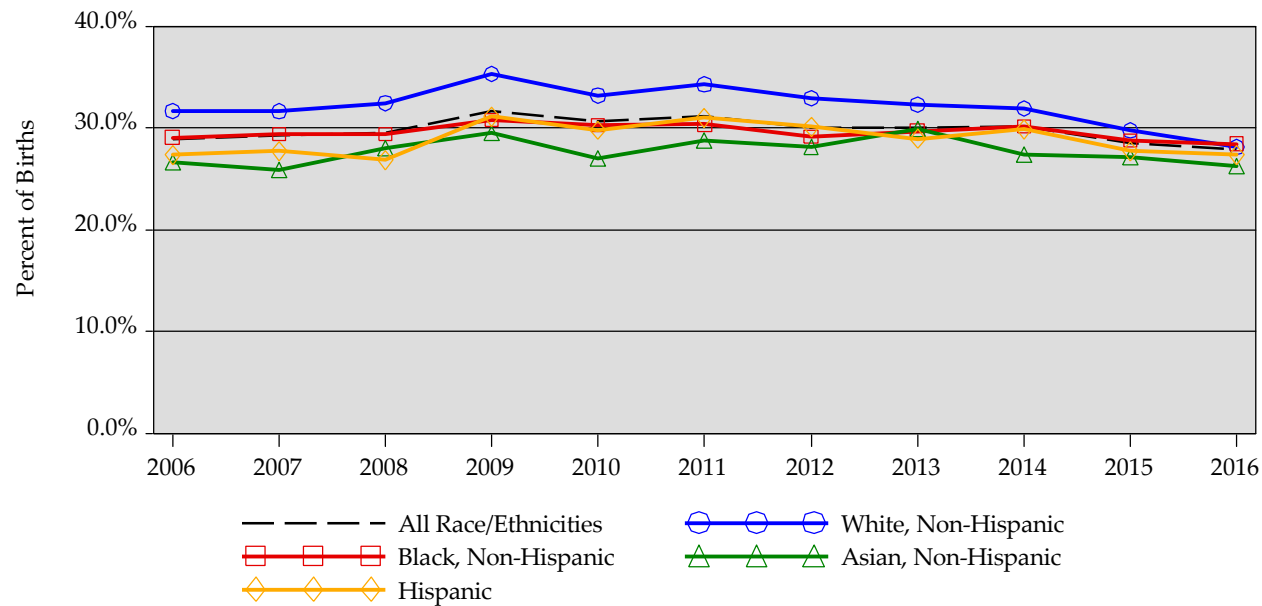
Note: The denominator for percentages does not include births missing information on delivery routes.

# Route and Method of Delivery

Table N9B  
Deliveries via Cesarean Section by Mother's Race/Ethnicity  
Philadelphia, 2006 - 2016

	2006		2007		2008		2009		2010		2011		2012		2013		2014		2015		2016	
	N	%	N	%	N	%	N	%	N	%	N	%	N	%	N	%	N	%	N	%	N	%
White, Non-Hispanic	1,787	31.7%	1,802	31.6%	1,923	32.5%	2,049	35.3%	1,945	33.2%	2,029	34.3%	1,940	32.9%	1,857	32.3%	1,856	31.9%	1,693	29.8%	1,619	28.1%
Black, Non-Hispanic	3,090	29.1%	3,157	29.4%	3,162	29.4%	3,293	30.8%	3,185	30.3%	3,180	30.4%	3,007	29.2%	2,881	29.7%	2,862	30.1%	2,702	28.8%	2,502	28.5%
Asian, Non-Hispanic	359	26.6%	352	25.9%	377	28.0%	385	29.5%	351	27.0%	384	28.8%	412	28.1%	395	29.9%	401	27.4%	381	27.2%	416	26.2%
Hispanic	1,034	27.4%	1,083	27.7%	1,072	26.9%	1,252	31.2%	1,143	29.8%	1,254	31.0%	1,217	30.1%	1,110	28.9%	1,177	29.9%	1,129	27.7%	1,071	27.3%
All Race/Ethnicities	6,595	29.0%	6,862	29.3%	6,984	29.5%	7,413	31.6%	7,091	30.7%	7,201	31.2%	6,951	30.1%	6,581	30.0%	6,708	30.2%	6,303	28.6%	5,991	27.9%

Figure N6  
Deliveries via Cesarean Section by Mother's Race/Ethnicity  
Philadelphia, 2006 - 2016



# Route and Method of Delivery

Table N9C  
Cesarean Sections by Mother's Race/Ethnicity and BMI: Philadelphia, 2016

	Underweight ( $<18.5\text{kg/m}^2$ )		Normal Weight ( $18.5\text{-}24.9\text{kg/m}^2$ )		Overweight ( $<25.0\text{-}29.9\text{kg/m}^2$ )		Obese ( $\geq 30.0\text{kg/m}^2$ )		All	
	N	%	N	%	N	%	N	%	N	%
White, Non-Hispanic	41	20.6%	757	23.7%	406	31.7%	415	38.3%	1,619	28.1%
Black, Non-Hispanic	36	13.6%	580	20.7%	655	28.9%	1,231	35.6%	2,502	28.5%
Asian, Non-Hispanic	25	16.8%	237	25.2%	99	32.2%	55	28.9%	416	26.2%
Hispanic	18	12.8%	380	23.9%	277	27.6%	396	33.5%	1,071	27.3%
All Race/Ethnicities	130	16.1%	2,101	23.0%	1,532	29.5%	2,228	35.2%	5,991	27.9%

BMI = body mass index, calculated from the mother's height and pre-pregnancy weight.

# Maternal and Neonatal Outcomes

Table N10

Maternal and Neonatal Outcomes by Mother's Age and Race/Ethnicity: Philadelphia, 2016

Race/Ethnicity	Age of Mother	Obstet Procedures		Maternal Morbidities		Infant Abnormalities		Sex Trans Diseases	
		N	%	N	%	N	%	N	%
White	10-14	0	0.0%	0	0.0%	0	0.0%	0	0.0%
Non-Hispanic	15-17	0	0.0%	1	3.4%	5	17.2%	1	3.4%
	18-19	0	0.0%	1	1.3%	9	11.7%	5	6.5%
	20-24	6	1.1%	7	1.3%	61	11.3%	39	7.2%
	25-29	13	0.9%	13	0.9%	135	9.6%	75	5.3%
	30-34	10	0.4%	34	1.4%	227	9.6%	108	4.6%
	35-39	11	1.0%	9	0.8%	103	9.2%	60	5.4%
	40-44	5	2.4%	6	2.9%	24	11.6%	6	2.9%
	45+	0	0.0%	0	0.0%	2	15.4%	1	7.7%
	All Ages	45	0.8%	71	1.2%	566	9.8%	295	5.1%
Black	10-14	1	10.0%	0	0.0%	1	10.0%	1	10.0%
Non-Hispanic	15-17	1	0.5%	4	1.8%	29	13.3%	27	12.4%
	18-19	6	1.2%	9	1.8%	65	12.8%	57	11.3%
	20-24	19	0.8%	34	1.3%	261	10.3%	318	12.6%
	25-29	35	1.3%	37	1.4%	334	12.2%	284	10.4%
	30-34	30	1.7%	27	1.6%	217	12.5%	140	8.1%
	35-39	11	1.3%	4	0.5%	148	17.1%	63	7.3%
	40-44	4	2.1%	5	2.6%	32	16.7%	23	12.0%
	45+	0	0.0%	0	0.0%	3	20.0%	1	6.7%
	All Ages	107	1.2%	120	1.4%	1,090	12.4%	914	10.4%
Asian	10-14	0	0.0%	0	0.0%	0	0.0%	0	0.0%
Non-Hispanic	15-17	0	0.0%	0	0.0%	1	12.5%	0	0.0%
	18-19	0	0.0%	0	0.0%	2	10.0%	0	0.0%
	20-24	0	0.0%	3	1.9%	17	10.6%	8	5.0%
	25-29	1	0.2%	7	1.4%	52	10.7%	38	7.9%
	30-34	2	0.3%	10	1.7%	51	8.7%	42	7.2%
	35-39	0	0.0%	9	3.4%	31	11.6%	24	9.0%
	40-44	1	1.7%	3	5.2%	8	13.8%	3	5.2%
	45+	0	0.0%	1	25.0%	0	0.0%	0	0.0%
	All Ages	4	0.3%	33	2.1%	162	10.2%	115	7.3%
Hispanic	10-14	0	0.0%	0	0.0%	0	0.0%	0	0.0%
	15-17	2	1.6%	7	5.5%	13	10.2%	12	9.4%
	18-19	3	1.1%	14	5.1%	32	11.7%	36	13.1%
	20-24	13	1.1%	32	2.8%	113	9.7%	100	8.6%
	25-29	6	0.5%	22	1.9%	79	6.9%	82	7.1%
	30-34	11	1.5%	12	1.6%	61	8.2%	43	5.8%
	35-39	6	1.7%	4	1.1%	43	11.9%	18	5.0%
	40-44	2	2.3%	2	2.3%	12	13.6%	10	11.4%
	45+	0	0.0%	1	25.0%	0	0.0%	1	25.0%
	All Ages	43	1.1%	94	2.4%	353	9.0%	302	7.7%
All Race/ Ethnicities	10-14	1	7.1%	0	0.0%	2	14.3%	1	7.1%
	15-17	4	1.0%	12	3.1%	50	12.8%	41	10.5%
	18-19	10	1.1%	24	2.6%	111	12.1%	100	10.9%
	20-24	38	0.8%	82	1.8%	479	10.3%	481	10.3%
	25-29	55	0.9%	86	1.4%	647	10.5%	512	8.3%
	30-34	56	1.0%	89	1.5%	610	10.4%	362	6.2%
	35-39	29	1.0%	27	1.0%	351	12.4%	173	6.1%
	40-44	12	2.0%	17	2.9%	81	13.8%	43	7.3%
	45+	0	0.0%	2	4.9%	5	12.2%	3	7.3%
	All Ages	205	1.0%	339	1.6%	2,337	10.9%	1,717	8.0%

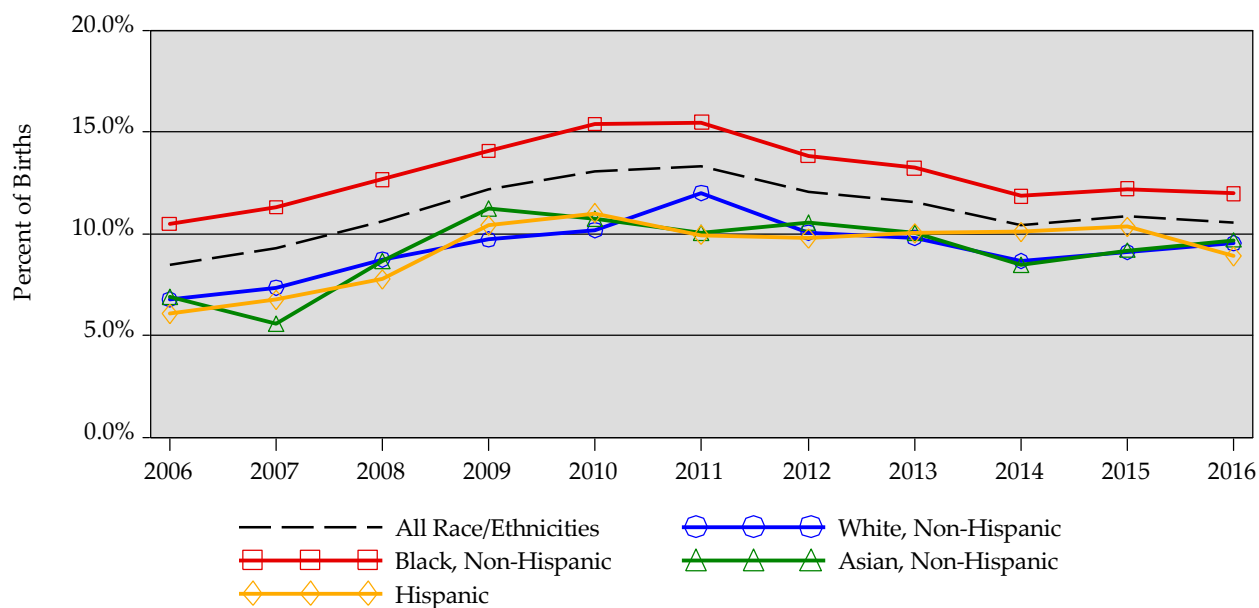
Note: The denominator for percentages does not include births missing information on maternal and neonatal outcomes.

# Maternal and Neonatal Outcomes

Table N11  
Admission to NICU by Mother's Race/Ethnicity  
Philadelphia, 2006 - 2016

	2006		2007		2008		2009		2010		2011		2012		2013		2014		2015		2016	
	N	Rate	N	Rate	N	Rate	N	Rate	N	Rate	N	Rate	N	Rate	N	Rate	N	Rate	N	Rate	N	Rate
White, Non-Hispanic	383	6.8%	421	7.4%	512	8.8%	563	9.7%	596	10.2%	712	12.0%	595	10.1%	571	9.8%	505	8.7%	519	9.1%	549	9.5%
Black, Non-Hispanic	1,114	10.5%	1,218	11.3%	1,359	12.7%	1,505	14.1%	1,616	15.4%	1,621	15.5%	1,430	13.8%	1,286	13.2%	1,126	11.9%	1,146	12.2%	1,053	12.0%
Asian, Non-Hispanic	93	6.9%	76	5.6%	116	8.7%	146	11.2%	140	10.8%	134	10.0%	155	10.5%	133	10.0%	124	8.5%	129	9.2%	154	9.7%
Hispanic	230	6.1%	265	6.8%	309	7.8%	418	10.4%	423	11.0%	402	9.9%	396	9.8%	386	10.0%	400	10.1%	422	10.4%	349	8.9%
All Race/Ethnicities	1,926	8.5%	2,171	9.3%	2,503	10.6%	2,855	12.2%	3,007	13.0%	3,069	13.3%	2,791	12.1%	2,540	11.5%	2,340	10.5%	2,400	10.9%	2,265	10.5%

Figure N7  
Admission to NICU by Mother's Race/Ethnicity  
Philadelphia, 2006 - 2016





# Prenatal Care Initiation

Table N12A

Trimester of First Prenatal Care Visit by Mother's Age and Race/Ethnicity: Philadelphia, 2016

Race/Ethnicity	Age of Mother	1st Trimester		2nd Trimester		3rd Trimester		No Prenatal Care	
		N	%	N	%	N	%	N	%
White Non-Hispanic	10-14	0	0.0%	0	0.0%	0	0.0%	0	0.0%
	15-17	13	50.0%	8	30.8%	3	11.5%	2	7.7%
	18-19	36	52.9%	22	32.4%	4	5.9%	6	8.8%
	20-24	239	49.5%	169	35.0%	54	11.2%	21	4.3%
	25-29	763	59.7%	376	29.4%	89	7.0%	50	3.9%
	30-34	1,448	65.5%	583	26.4%	87	3.9%	94	4.2%
	35-39	680	65.3%	287	27.6%	33	3.2%	41	3.9%
	40-44	112	59.9%	51	27.3%	9	4.8%	15	8.0%
	45+	4	36.4%	3	27.3%	1	9.1%	3	27.3%
	All Ages	3,295	62.1%	1,499	28.3%	280	5.3%	232	4.4%
Black Non-Hispanic	10-14	4	50.0%	1	12.5%	3	37.5%	0	0.0%
	15-17	64	37.2%	75	43.6%	24	14.0%	9	5.2%
	18-19	210	49.9%	135	32.1%	51	12.1%	25	5.9%
	20-24	1,137	52.5%	704	32.5%	179	8.3%	146	6.7%
	25-29	1,308	55.8%	740	31.5%	160	6.8%	138	5.9%
	30-34	789	53.2%	488	32.9%	113	7.6%	94	6.3%
	35-39	422	56.8%	215	28.9%	58	7.8%	48	6.5%
	40-44	83	50.3%	54	32.7%	13	7.9%	15	9.1%
	45+	8	57.1%	5	35.7%	1	7.1%	0	0.0%
	All Ages	4,025	53.5%	2,417	32.1%	602	8.0%	475	6.3%
Asian Non-Hispanic	10-14	0	0.0%	0	0.0%	0	0.0%	0	0.0%
	15-17	3	42.9%	1	14.3%	1	14.3%	2	28.6%
	18-19	9	47.4%	4	21.1%	4	21.1%	2	10.5%
	20-24	64	45.4%	55	39.0%	14	9.9%	8	5.7%
	25-29	233	55.3%	141	33.5%	30	7.1%	17	4.0%
	30-34	333	62.0%	147	27.4%	31	5.8%	26	4.8%
	35-39	146	60.3%	71	29.3%	15	6.2%	10	4.1%
	40-44	28	56.0%	13	26.0%	6	12.0%	3	6.0%
	45+	3	75.0%	0	0.0%	0	0.0%	1	25.0%
	All Ages	819	57.6%	432	30.4%	101	7.1%	69	4.9%
Hispanic	10-14	0	0.0%	2	66.7%	1	33.3%	0	0.0%
	15-17	47	42.7%	41	37.3%	17	15.5%	5	4.5%
	18-19	109	44.7%	93	38.1%	30	12.3%	12	4.9%
	20-24	560	53.4%	331	31.6%	95	9.1%	62	5.9%
	25-29	581	57.2%	309	30.4%	80	7.9%	45	4.4%
	30-34	376	55.7%	203	30.1%	47	7.0%	49	7.3%
	35-39	188	57.1%	92	28.0%	29	8.8%	20	6.1%
	40-44	37	48.1%	29	37.7%	6	7.8%	5	6.5%
	45+	1	33.3%	1	33.3%	0	0.0%	1	33.3%
	All Ages	1,899	54.2%	1,101	31.4%	305	8.7%	199	5.7%
All Race/ Ethnicities	10-14	4	33.3%	3	25.0%	4	33.3%	1	8.3%
	15-17	130	40.2%	128	39.6%	46	14.2%	19	5.9%
	18-19	382	48.6%	262	33.3%	93	11.8%	49	6.2%
	20-24	2,113	52.2%	1,320	32.6%	367	9.1%	249	6.1%
	25-29	3,068	56.7%	1,680	31.1%	394	7.3%	265	4.9%
	30-34	3,167	59.7%	1,553	29.3%	300	5.7%	285	5.4%
	35-39	1,538	60.5%	726	28.5%	146	5.7%	134	5.3%
	40-44	279	54.0%	159	30.8%	39	7.5%	40	7.7%
	45+	16	45.7%	12	34.3%	2	5.7%	5	14.3%
	All Ages	10,697	56.4%	5,843	30.8%	1,391	7.3%	1,048	5.5%

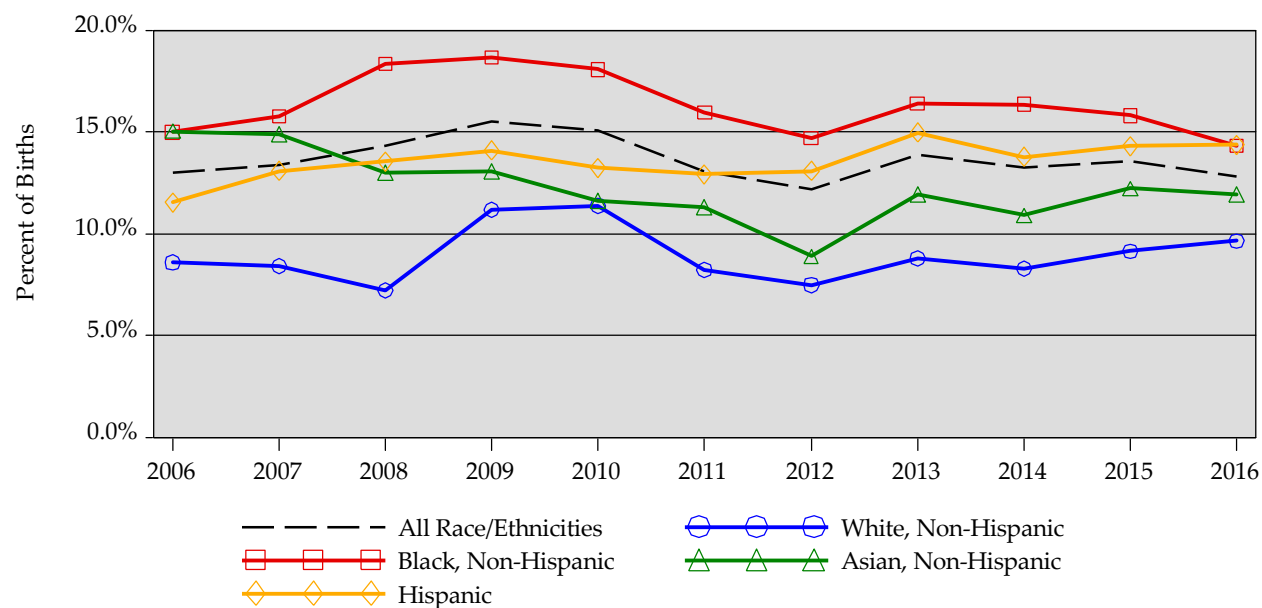
Note: The denominator for percentages does not include births missing information on prenatal care.

# Prenatal Care Initiation

Table N12B  
Late or No Prenatal Care by Mother's Race/Ethnicity  
Philadelphia, 2006 - 2016

	2006		2007		2008		2009		2010		2011		2012		2013		2014		2015		2016	
	N	Rate	N	Rate	N	Rate	N	Rate	N	Rate	N	Rate	N	Rate	N	Rate	N	Rate	N	Rate	N	Rate
White, Non-Hispanic	284	8.6%	313	8.4%	309	7.2%	513	11.2%	585	11.4%	434	8.2%	392	7.5%	442	8.8%	435	8.3%	470	9.1%	512	9.6%
Black, Non-Hispanic	943	15.0%	1,021	15.8%	1,250	18.3%	1,406	18.6%	1,505	18.1%	1,319	15.9%	1,237	14.7%	1,281	16.4%	1,304	16.4%	1,214	15.8%	1,077	14.3%
Asian, Non-Hispanic	132	15.1%	138	14.9%	121	13.0%	128	13.1%	128	11.6%	130	11.3%	114	8.9%	134	11.9%	143	10.9%	151	12.2%	170	12.0%
Hispanic	255	11.5%	342	13.1%	316	13.6%	374	14.1%	437	13.3%	455	12.9%	468	13.1%	505	15.0%	489	13.8%	511	14.3%	504	14.4%
All Race/Ethnicities	1,759	13.0%	1,968	13.4%	2,210	14.3%	2,615	15.5%	2,867	15.1%	2,506	13.0%	2,384	12.2%	2,544	13.9%	2,566	13.3%	2,559	13.6%	2,439	12.9%

Figure N8  
Late or No Prenatal Care by Mother's Race/Ethnicity  
Philadelphia, 2006 - 2016



# Nativity by Planning District

Table N13  
Nativity by Planning District: Philadelphia, 2016

District	All Births		Teen Births		Low Birth Weight		Pre-Term Births		Late or No Prenatal Care	
	N	Rate	N	Rate	N	%	N	%	N	%
Citywide	21,480	13.7	1,305	26.5	2,312	10.8	2,227	10.4	2,435	12.8
1 Lower Southwest	704	16.7	49	27.8	82	11.7	84	11.9	81	15.0
2 University / Southwest	818	10.1	41	7.3	92	11.2	78	9.5	99	15.2
3 West	1,539	14.6	98	22.0	230	14.9	202	13.1	168	13.3
4 West Park	475	10.9	28	14.8	59	12.4	62	13.1	60	14.6
5 Lower South	61	11.9	0	0.0	2	3.3	2	3.3	3	5.2
6 South	1,961	14.8	110	26.3	177	9.0	162	8.3	209	11.7
7 Central	1,581	13.5	14	7.8	141	8.9	124	7.8	121	8.2
8 Lower North	1,360	14.2	138	20.8	182	13.4	164	12.1	165	13.9
9 North	2,418	17.5	276	42.5	291	12.1	296	12.2	305	14.0
10 River Wards	1,108	16.2	76	30.4	74	6.7	83	7.5	115	11.3
11 Upper North	1,853	12.8	142	22.2	247	13.3	214	11.6	247	15.2
12 Lower Northwest	679	13.4	12	8.9	38	5.6	50	7.4	48	7.5
13 Upper Northwest	1,054	12.4	62	21.3	131	12.5	127	12.1	131	14.2
14 Lower Northeast	1,704	17.0	122	27.1	225	13.2	218	12.9	224	15.0
15 North Delaware	1,385	13.8	67	21.1	124	9.0	125	9.0	155	12.4
16 Central Northeast	1,086	13.9	32	13.5	84	7.7	89	8.3	139	14.6
17 Lower Far Northeast	851	12.1	24	12.2	76	8.9	90	10.6	73	9.4
18 Upper Far Northeast	816	12.3	13	7.6	54	6.6	55	6.8	90	12.3

Rates are given as count per 1,000 people from the 2010 census enumeration. For birth rate, all residents are included in the denominator. For teen birth rate, girls 15 to 19 years old are included in the denominator.

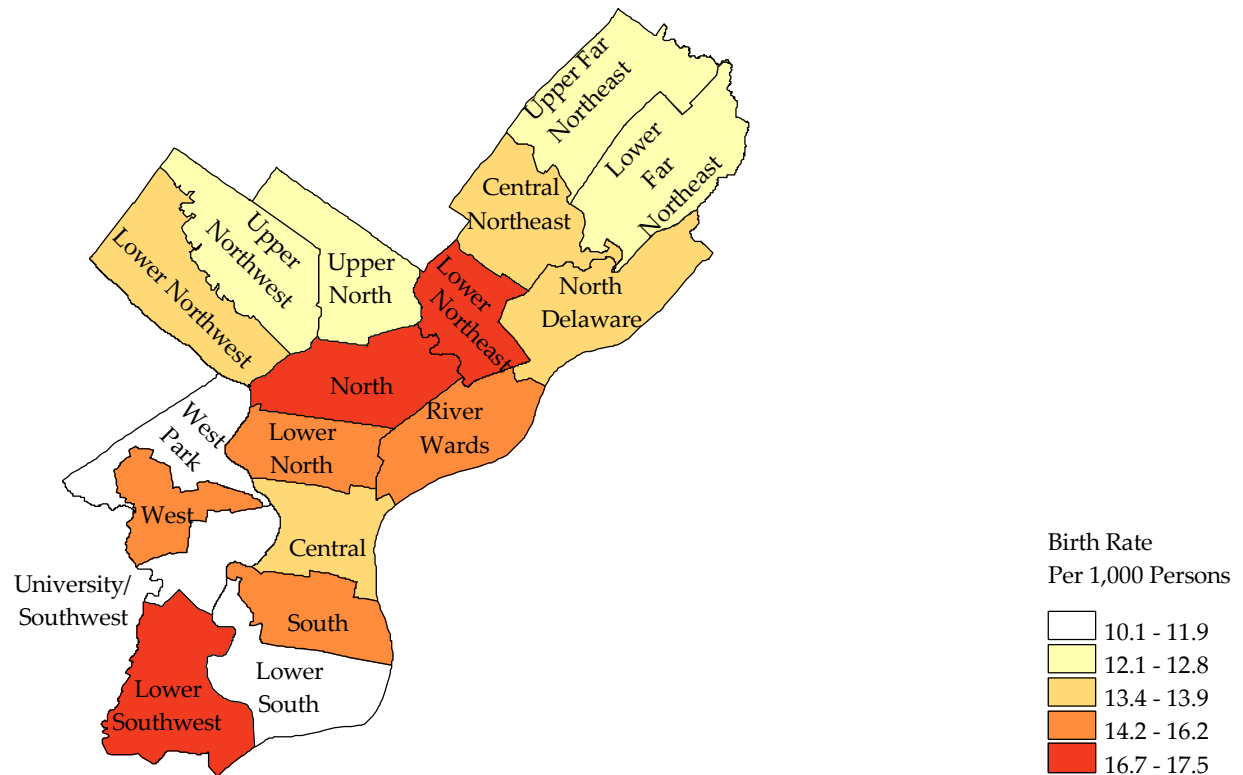
# Natality by Planning District

Table N14A  
Birth Rate by Planning District: Philadelphia, 2016

	City- Wide	District																	
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18
Rate	13.7	16.7	10.1	14.6	10.9	11.9	14.8	13.5	14.2	17.5	16.2	12.8	13.4	12.4	17.0	13.8	13.9	12.1	12.3

The rate is given as the count per 1,000 residents in the 2010 census enumeration.

Map N2A Birth Rate by Planning District: Philadelphia, 2016



Planning district identifications are: 1 = Lower Southwest, 2 = University / Southwest, 3 = West, 4 = West Park, 5 = Lower South, 6 = South, 7 = Central, 8 = Lower North, 9 = North, 10 = River Wards, 11 = Upper North, 12 = Lower Northwest, 13 = Upper Northwest, 14 = Lower Northeast, 15 = North Delaware, 16 = Central Northeast, 17 = Lower Far Northeast, 18 = Upper Far Northeast.

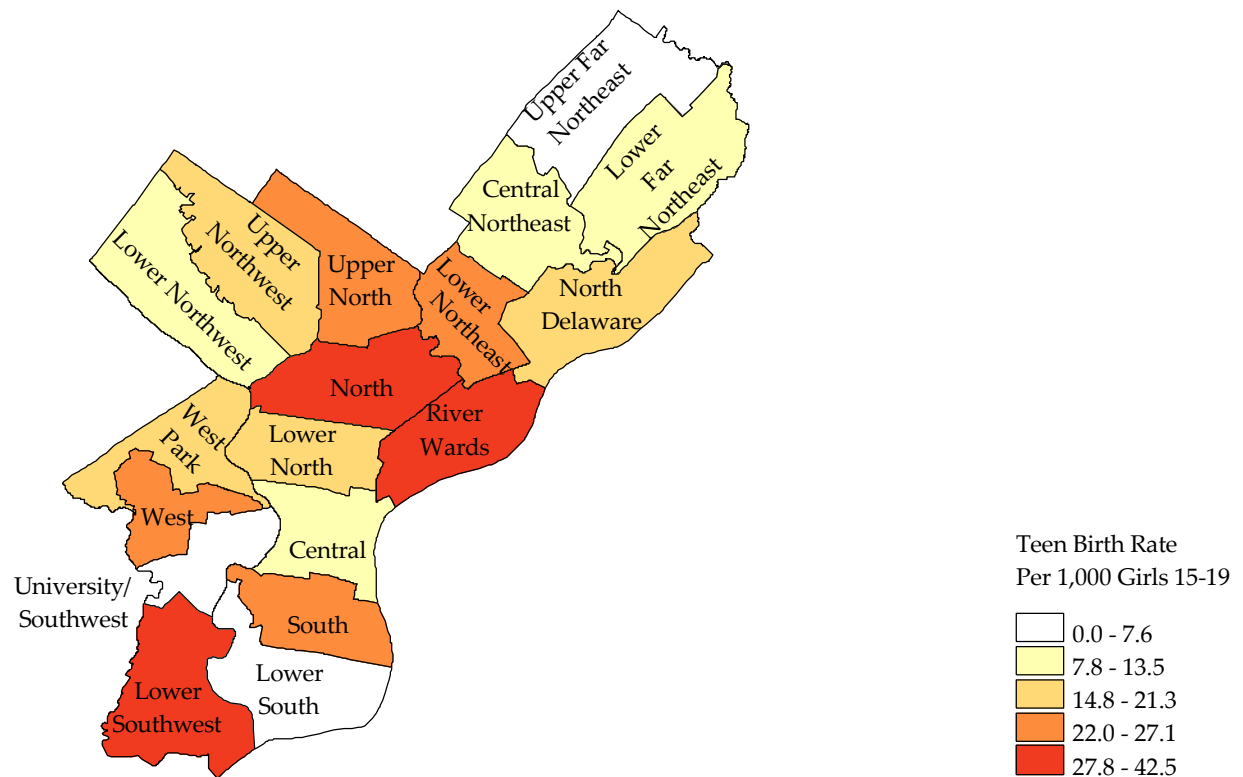
# Nativity by Planning District

Table N14B  
Teen Birth Rate by Planning District: Philadelphia, 2016

	City- Wide	District																	
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18
Rate	26.5	27.8	7.3	22.0	14.8	0.0	26.3	7.8	20.8	42.5	30.4	22.2	8.9	21.3	27.1	21.1	13.5	12.2	7.6

The rate is given as the count per 1,000 girls 15 to 19 years old in the 2010 census enumeration.

Map N2B Teen Birth Rate by Planning District: Philadelphia, 2016



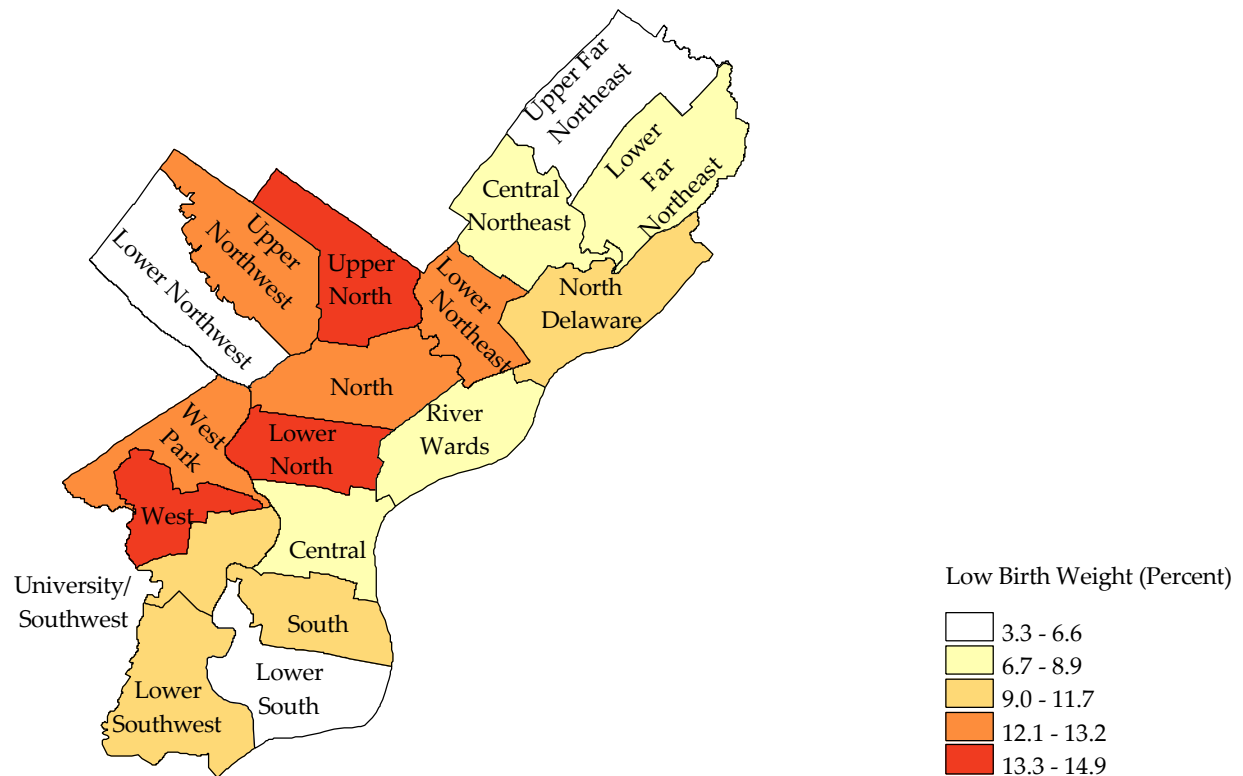
Planning district identifications are: 1 = Lower Southwest, 2 = University / Southwest, 3 = West, 4 = West Park, 5 = Lower South, 6 = South, 7 = Central, 8 = Lower North, 9 = North, 10 = River Wards, 11 = Upper North, 12 = Lower Northwest, 13 = Upper Northwest, 14 = Lower Northeast, 15 = North Delaware, 16 = Central Northeast, 17 = Lower Far Northeast, 18 = Upper Far Northeast.

# Natality by Planning District

Table N14C  
Low Birth Weight by Planning District: Philadelphia, 2016

	City- Wide	District																	
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18
Result (%)	10.8	11.7	11.2	14.9	12.4	3.3	9.0	8.9	13.4	12.1	6.7	13.3	5.6	12.5	13.2	9.0	7.7	8.9	6.6

Map N2C Low Birth Weight by Planning District: Philadelphia, 2016



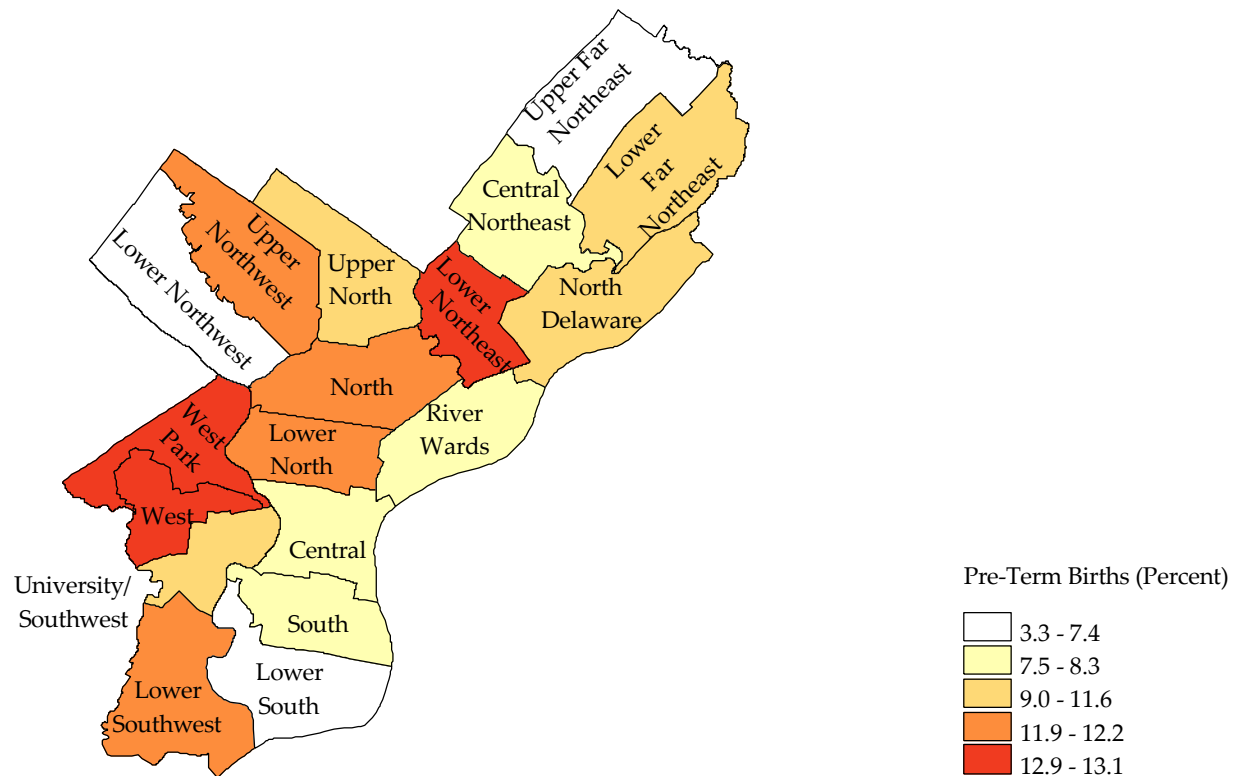
Planning district identifications are: 1 = Lower Southwest, 2 = University / Southwest, 3 = West, 4 = West Park, 5 = Lower South, 6 = South, 7 = Central, 8 = Lower North, 9 = North, 10 = River Wards, 11 = Upper North, 12 = Lower Northwest, 13 = Upper Northwest, 14 = Lower Northeast, 15 = North Delaware, 16 = Central Northeast, 17 = Lower Far Northeast, 18 = Upper Far Northeast.

# Natality by Planning District

Table N14D  
Pre-Term Births by Planning District: Philadelphia, 2016

	City- Wide	District																	
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18
Result (%)	10.4	11.9	9.5	13.1	13.1	3.3	8.3	7.8	12.1	12.2	7.5	11.6	7.4	12.1	12.9	9.0	8.3	10.6	6.8

Map N2D Pre-Term Births by Planning District: Philadelphia, 2016



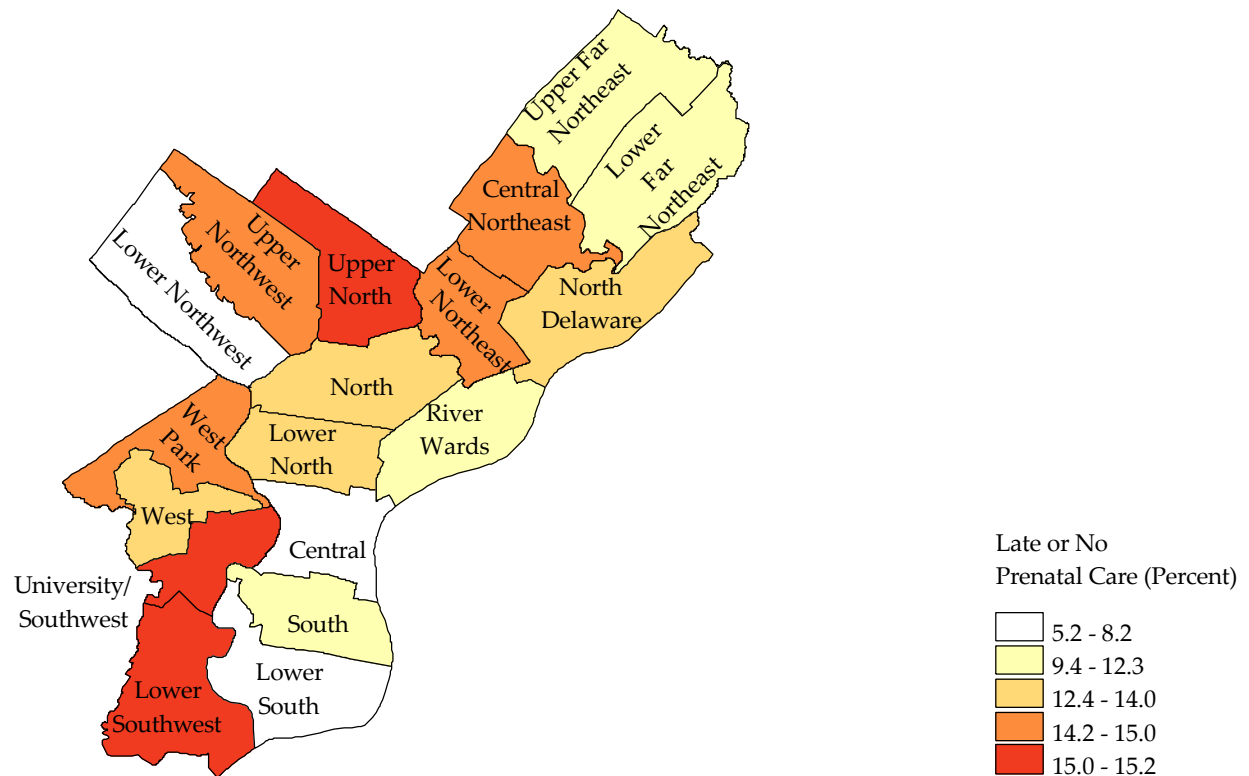
Planning district identifications are: 1 = Lower Southwest, 2 = University / Southwest, 3 = West, 4 = West Park, 5 = Lower South, 6 = South, 7 = Central, 8 = Lower North, 9 = North, 10 = River Wards, 11 = Upper North, 12 = Lower Northwest, 13 = Upper Northwest, 14 = Lower Northeast, 15 = North Delaware, 16 = Central Northeast, 17 = Lower Far Northeast, 18 = Upper Far Northeast.

# Natality by Planning District

Table N14E  
Late or No Prenatal Care by Planning District: Philadelphia, 2016

	City-Wide	District																	
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18
Result (%)	12.8	15.0	15.2	13.3	14.6	5.2	11.7	8.2	13.9	14.0	11.3	15.2	7.5	14.2	15.0	12.4	14.6	9.4	12.3

Map N2E Late or No Prenatal Care by Planning District: Philadelphia, 2016



Planning district identifications are: 1 = Lower Southwest, 2 = University / Southwest, 3 = West, 4 = West Park, 5 = Lower South, 6 = South, 7 = Central, 8 = Lower North, 9 = North, 10 = River Wards, 11 = Upper North, 12 = Lower Northwest, 13 = Upper Northwest, 14 = Lower Northeast, 15 = North Delaware, 16 = Central Northeast, 17 = Lower Far Northeast, 18 = Upper Far Northeast.



# Baby Names

Table N15

Most Popular Baby Names by Gender of Infant: Philadelphia, 2016

Rank	Female		Male	
	Name	N	Name	N
1	AVA	92	NOAH	143
2	SOPHIA	80	MASON	104
3	ISABELLA	69	LIAM	100
4	RILEY	69	ELIJAH	83
5	MIA	67	MICHAEL	83
6	OLIVIA	66	JAMES	76
7	EMMA	62	ALEXANDER	75
8	EMILY	61	ETHAN	75
9	MADISON	54	RYAN	75
10	AUBREY	52	AIDEN	70

# **Mortality Findings**

## Mortality Summary

### Deaths

There were 14,314 deaths recorded for residents of Philadelphia in 2016, where a resident death is defined as the death of a Philadelphia resident regardless of whether the death occurred within or outside city limits. All mortality data were derived from death certificates, which were registered with the Pennsylvania Department of Health.

There was a 2.0% increase in resident deaths compared to the 14,028 deaths recorded in 2015 due to increased deaths due to unintentional injuries, mostly drug overdoses.

The great majority of deaths in 2016 were due to natural causes (88.6%); 7.4% were accidental, and 2.0% were from homicide. ([Table M9](#))

### Life Expectancy

In 2016, life expectancy at birth for all Philadelphia males was 72.3 years, a decrease of 0.8 years from 2015. The life expectancy at birth for all Philadelphia females was 79.3 years, a decrease of 0.2 years from 2015. Since 2000, life expectancy increased by 3.6 years for men and 2.9 years for women.

- Non-Hispanic Asian women had the longest life expectancy at 91.7 years.
- Non-Hispanic black men had the shortest life expectancy at 68.7 years.
- Life expectancy for all groups improved between 2000 and 2016. Since 2000, the largest increases in life expectancy were among Non-Hispanic Asian women, and Non-Hispanic black men. ([Figure M2](#))

### Infant Mortality

There were 187 deaths among Philadelphia babies under 1 year of age in 2016. ([Table M4](#)).

Overall, infant mortality rate decreased in Philadelphia in 2016 compared to 2012 from 10.1 to 8.7 deaths per 1,000 live births. However, there was an increase in the rate compared to 8.3 in 2015.

- There were 116 deaths among babies born to non-Hispanic black women in 2016. This group had an infant mortality rate 2 to 4 times higher than any other race/ethnicity. ([Table M4](#))
- There were 30 deaths among babies born to Hispanic women in 2016, 26 deaths among babies born to non-Hispanic white women, and 8 deaths among babies born to non-Hispanic Asian women. ([Table M4](#))

The leading cause of infant death city-wide was disorders related to short gestation and low birth weight ([Appendix: Table A1](#)). There were 54 such deaths (22% of all infant deaths). The second most common causes were birth defects (congenital malformations, deformations, and chromosomal abnormalities). They resulted in 21 infant deaths.

Between 1960 and 2016, the infant mortality rate dropped from 32.4 to 8.7 deaths per 1,000 live births ([Table M5](#)).

## Mortality Trends

Decreases in mortality between 2000 and 2016 were seen in all the causes studied. The decreases ranged from 14.7% for chronic lower respiratory disease to 75.3% for HIV/AIDS. The age-adjusted rates for 2000 and 2016 are shown below. ([Table M7C](#))

Cause	Rank 2016	Rate 2000	Rate 2016	Percent Change
All causes	--	1,085.20	877.7	-19.1
Heart disease	1	295.5	215.3	-27.1
Malignant neoplasms	2	249.4	192.2	-22.9
Unintentional injuries	3	48.3	67.4	39.5
Cerebrovascular disease	4	68.3	42.1	-38.4
Chronic lower respiratory disease	5	40.8	34.8	-14.7
Septicemia	6	36.7	22.1	-39.8
Diabetes	7	27.7	21.4	-22.7
Nephritis	8	27.2	20.6	-24.3
Homicide	9	20.6	17	-17.5
Influenza and pneumonia	10	22.4	15.4	-31.3
Suicide	--	10.6	8.9	-16.0
Lung cancer	--	70.3	50.7	-27.9
Colorectal cancer	--	28.1	19.4	-31.0
Breast cancer	--	19.4	13.8	-28.9
Prostate cancer	--	15.1	11.5	-23.8
HIV/AIDS	--	18.6	4.6	-75.3

## Years of Potential Life Lost (see [Technical Notes, p. 219](#))

In 2016, for the Philadelphia population, all causes of death resulted in 9,663.9 years of potential life lost (Table M7A). Without age-adjustment, years of potential life lost totaled 147,225 (Table M7B). The causes of death leading to the most life years lost were:

- Accidents 29,000 years
- Diseases of the heart 24,659 years
- Malignant neoplasms 24,229 years
- Infant mortality 14,025 years
- Homicide 12,704 years
- Lung cancer 5,444 years
- Suicide 4,143 years

### Racial-Ethnic Disparities

Although overall mortality rates have generally declined over time, disparities in Philadelphia persisted ([Table M8A](#)).

Non-Hispanic black males had the highest rates of death for each cause studied except accidents, chronic lower respiratory diseases, suicide and infections (influenza and pneumonia). Compared to non-Hispanic white males, their rate of death was:

- 17.0 times higher for homicide
- 3.1 times higher for prostate cancer
- 1.3 – 1.9 times higher for cerebrovascular diseases, diabetes, and kidney disease
- 1.2 – 1.4 times higher for all cancer, heart disease, septicemia, and all-cause mortality

Compared to non-Hispanic white females, non-Hispanic black females' rate of death was:

- 1.5 times higher for diabetes
- 2.1 times higher for kidney disease
- 1.6 times higher for septicemia
- 1.2 – 1.5 times higher for all cancers, heart disease, breast cancer, cerebrovascular diseases, and all-cause mortality

### Smoking-Attributable Mortality (see [Technical Notes, p. 219](#))

In 2016, tobacco use contributed to the deaths of 3,844 Philadelphians, accounting for 28.7% of all deaths in the city. ([Figure M10A](#)) There is no significant difference between 2016 and 2015 (3,756 deaths attributed to smoking, accounting for 28.5% of all deaths in the city). Since 2006 age-adjusted rates for deaths due to smoking have decreased 4.2%. The mortality rate for non-Hispanic blacks is higher than for the other major race/ethnicities. Smoking is a risk factor for heart disease, stroke, multiple forms of cancer, and lower respiratory disease. Notably, these estimates do not include deaths due to secondhand smoke or fires, or deaths to those under 35. Smoking resulted in more than \$1,500 billion in productivity losses over the course of the year. ([Figure M10B](#))

### Alcohol-Attributable Mortality (see [Technical Notes, p. 219](#))

Between 2010 and 2016, an average of 1000 deaths annually can be attributed to alcohol use, which was responsible for an average of 5.1% of total deaths occurring during the time period. The proportion (8.3%) of deaths due to alcohol consumption for Hispanic is higher than other major race/ethnicities, but the age-adjusted mortality rate (73.1 deaths per 100,000 population) due to alcohol use for non-Hispanic Blacks was the highest among major race/ethnicities.

### Geographic Disparities

Mortality outcomes by planning district followed a general pattern: districts with higher levels of poverty and a greater percentage of racial/ethnic minorities had higher mortality rates. Life expectancy at birth varied from a low of 66.1 years for men in Lower North to a high of 82.8 for women in lower Northwest. ([Table M15 –M23](#))

Lower North, the poorest planning district, had the lowest life expectancy for both men and women, and the highest rates of:

- All-cause mortality
- Cancer mortality
- Heart disease mortality

North Philadelphia planning district, had the highest homicide mortality rates, mainly displaying highest risk of dying for youth population. ([Map M7](#) & [M8](#)) River Wards Philadelphia planning district had the highest mortality rates of accidents, chronic lower respiratory diseases and smoking attributable mortality. Lower North Philadelphia planning districts had the highest mortality rate of breast cancer. Upper Northwest Philadelphia planning district had the highest mortality rate for perinatal and prostate cancer causes.

# Life Expectancy

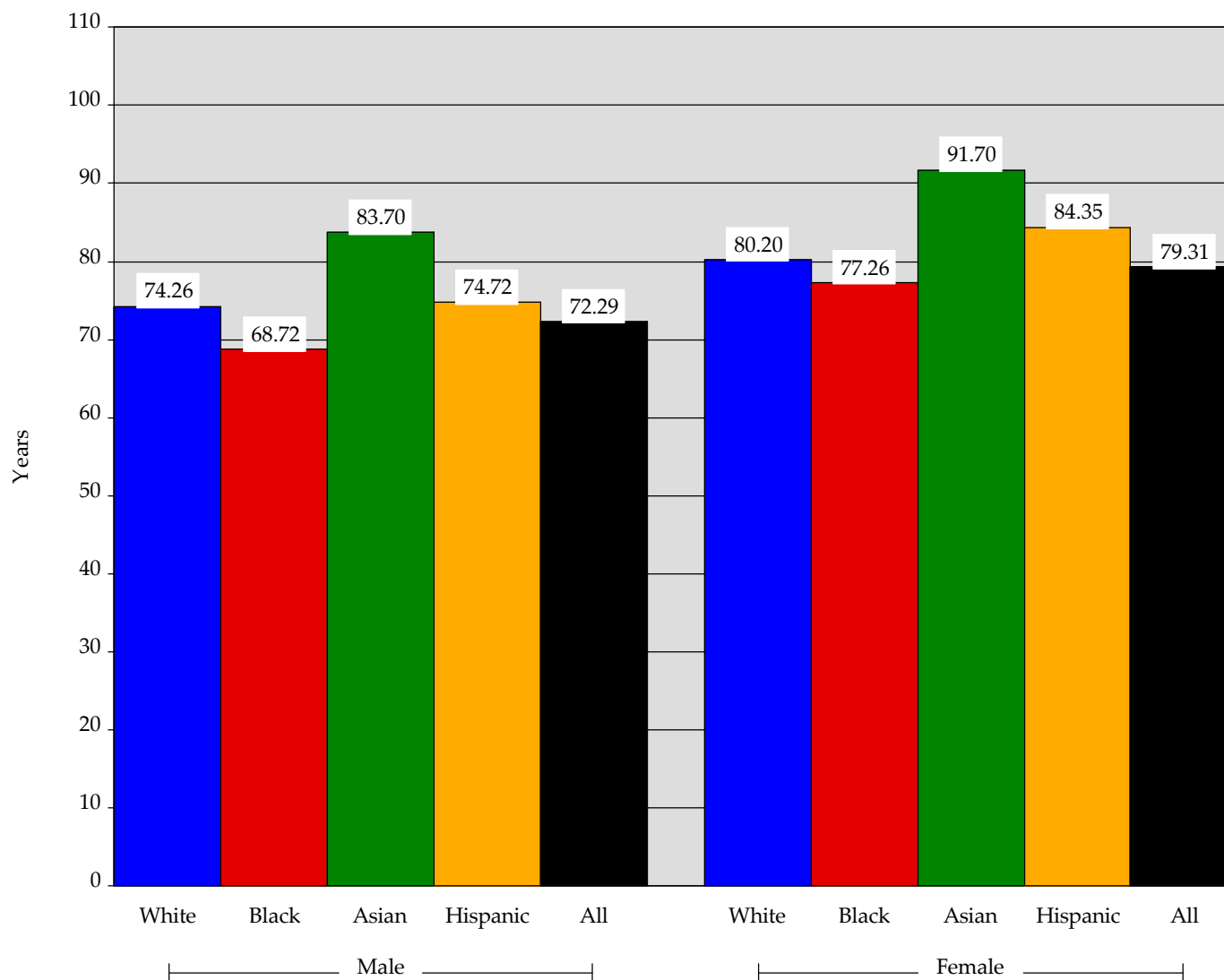
Table M1  
Life Expectancy by Age, Race/Ethnicity, and Gender: Philadelphia, 2016

Age	White, Non-Hispanic		Black, Non-Hispanic		Asian, Non-Hispanic		Hispanic		All Race/Ethnicities	
	Males	Females	Males	Females	Males	Females	Males	Females	Males	Females
< 1	74.26	80.20	68.72	77.26	83.70	91.70	74.72	84.35	72.29	79.31
1-4	73.77	79.37	68.87	77.02	83.00	91.31	74.32	83.98	72.06	78.85
5-9	69.85	75.40	65.03	73.16	79.00	87.31	70.43	80.02	68.18	74.93
10-14	64.89	70.43	60.08	68.24	74.00	82.31	65.43	75.09	63.21	69.99
15-19	59.95	65.47	55.22	63.25	69.12	77.31	60.46	70.09	58.31	65.01
20-24	55.11	60.57	50.64	58.33	64.30	72.31	55.65	65.17	53.61	60.08
25-29	50.39	55.79	46.46	53.58	59.48	67.37	51.12	60.29	49.16	55.28
30-34	45.74	50.91	42.20	48.71	54.66	62.42	46.58	55.37	44.66	50.40
35-39	41.19	46.23	37.95	43.87	49.80	57.47	42.18	50.57	40.20	45.62
40-44	36.75	41.45	33.64	39.37	45.05	52.64	37.94	46.04	35.83	40.99
45-49	32.56	36.83	29.57	34.83	40.61	47.77	33.53	41.33	31.61	36.38
50-54	28.30	32.50	25.58	30.59	35.94	42.83	29.50	36.77	27.51	32.02
55-59	24.49	28.48	21.82	26.54	31.33	38.07	25.81	32.55	23.69	27.91
60-64	20.88	24.47	18.41	22.77	26.54	33.34	21.66	28.45	20.07	23.97
65-69	17.50	20.51	15.53	19.28	22.53	28.96	18.14	24.20	16.89	20.18
70-74	14.29	16.68	13.23	16.05	18.50	24.90	14.89	20.31	14.00	16.60
75-79	11.16	13.28	11.02	13.08	14.67	21.15	11.84	16.37	11.21	13.35
80-84	8.79	10.31	8.64	10.45	11.51	18.19	8.79	13.78	8.78	10.52
85+	6.72	7.60	6.82	8.42	9.32	15.30	7.56	11.44	6.83	8.11

# Life Expectancy

Figure M1

Life Expectancy at Birth by Race/Ethnicity and Gender: Philadelphia, 2016



White = White, not Hispanic; Black = Black, not Hispanic; Asian = Asian, not Hispanic.



# Life Expectancy

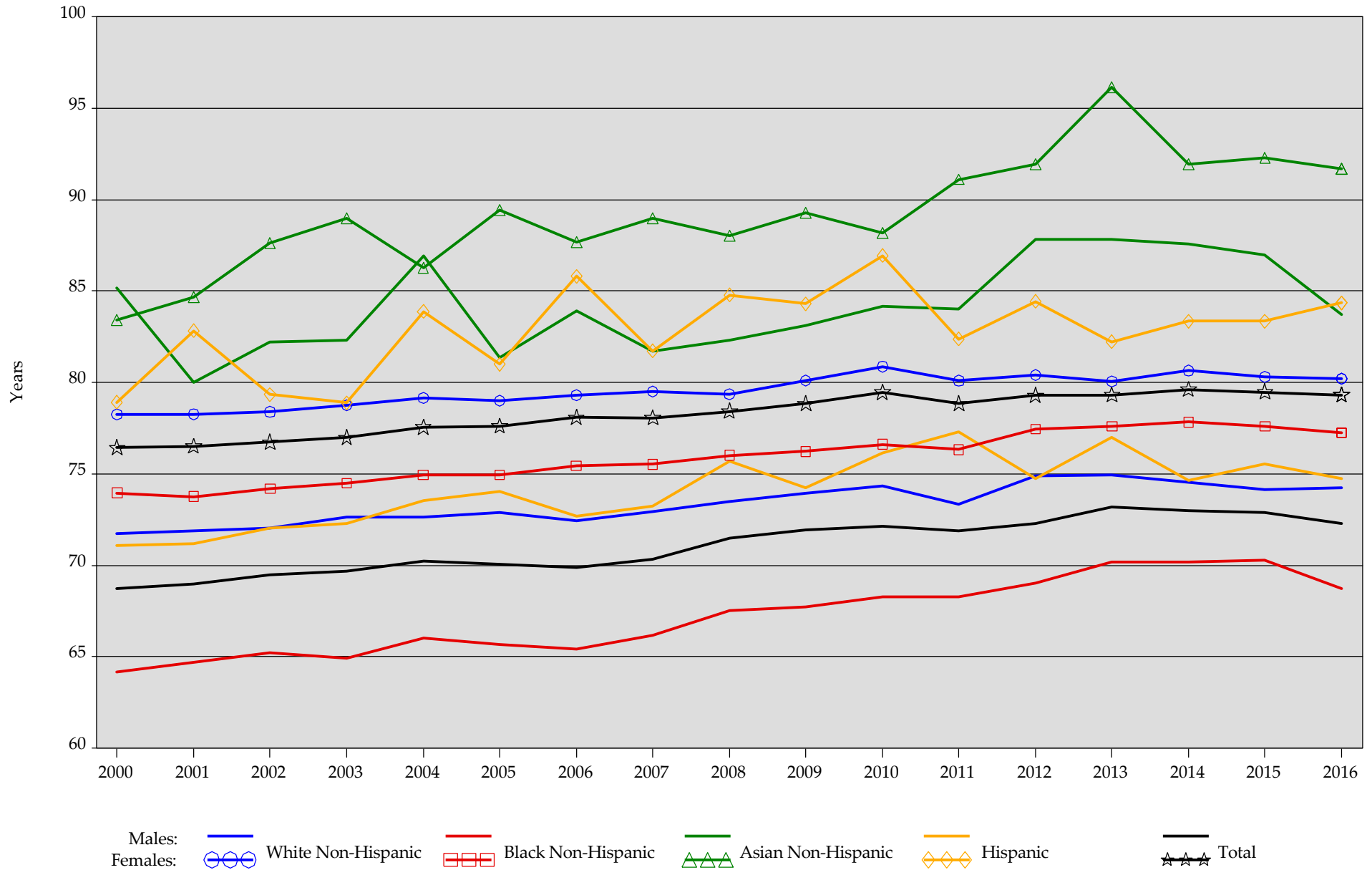
Table M2  
Life Expectancy at Birth by Year, Race/Ethnicity and Gender: Philadelphia, 2000 - 2016

Year	White, Non-Hispanic		Black, Non-Hispanic		Asian, Non-Hispanic		Hispanic		All Race/Ethnicities	
	Males	Females	Males	Females	Males	Females	Males	Females	Males	Females
2000	71.74	78.26	64.16	73.97	85.18	83.43	71.09	78.92	68.71	76.44
2001	71.87	78.27	64.70	73.76	80.00	84.67	71.17	82.83	68.98	76.50
2002	72.05	78.39	65.23	74.19	82.19	87.64	72.04	79.34	69.48	76.73
2003	72.65	78.75	64.91	74.48	82.30	89.00	72.30	78.90	69.67	76.98
2004	72.62	79.15	66.02	74.94	86.93	86.28	73.54	83.87	70.23	77.55
2005	72.91	79.01	65.66	74.95	81.37	89.41	74.03	81.00	70.05	77.61
2006	72.43	79.30	65.42	75.44	83.93	87.70	72.69	85.81	69.88	78.09
2007	72.93	79.51	66.17	75.52	81.73	88.97	73.26	81.73	70.35	78.06
2008	73.49	79.36	67.52	76.02	82.33	88.04	75.67	84.77	71.48	78.43
2009	73.96	80.11	67.73	76.22	83.13	89.28	74.24	84.32	71.95	78.84
2010	74.32	80.88	68.26	76.62	84.17	88.18	76.14	86.93	72.15	79.45
2011	73.35	80.09	68.29	76.33	84.04	91.11	77.31	82.37	71.91	78.85
2012	74.87	80.40	69.04	77.45	87.82	91.92	74.76	84.42	72.29	79.29
2013	74.96	80.05	70.16	77.59	87.81	96.15	77.01	82.23	73.21	79.31
2014	74.58	80.65	70.21	77.83	87.59	91.96	74.62	83.35	72.99	79.62
2015	74.17	80.31	70.30	77.61	86.99	92.29	75.57	83.36	72.89	79.47
2016	74.26	80.20	68.72	77.26	83.70	91.70	74.72	84.35	72.29	79.31
Improvement from 2000 to 2016	3.5%	2.5%	7.1%	4.5%	-1.7%	9.9%	5.1%	6.9%	5.2%	3.8%

# Life Expectancy

Figure M2

Life Expectancy at Birth by Year, Race/Ethnicity and Gender: Philadelphia, 2000 - 2016

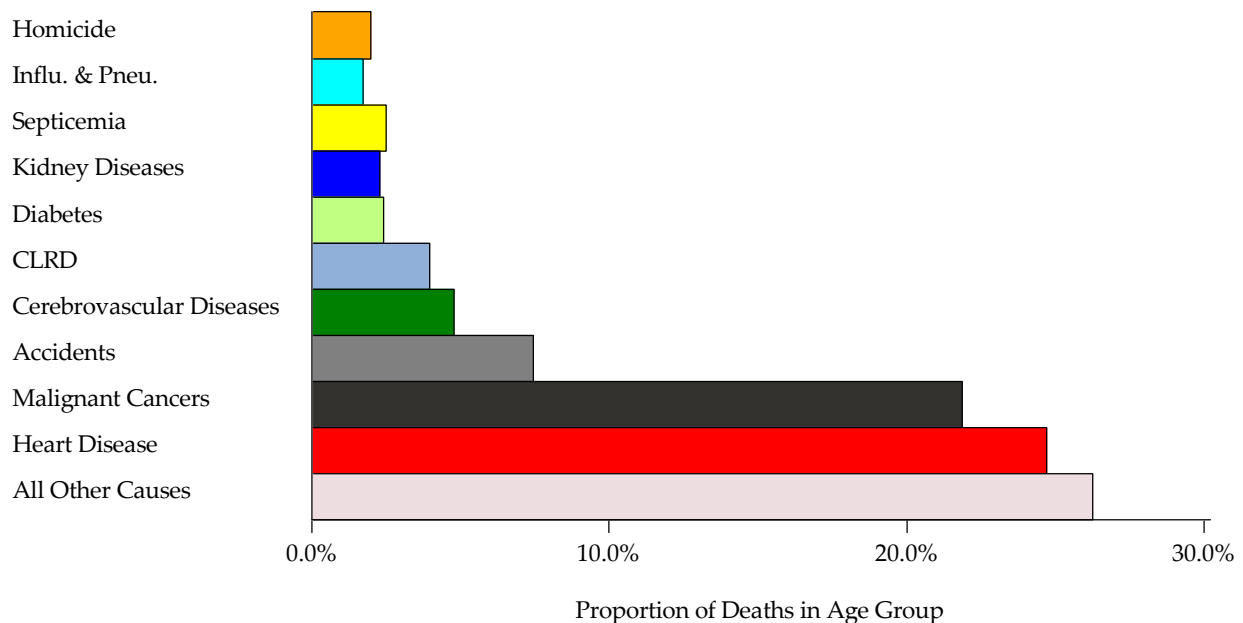


# Leading Causes of Death

Table M3. Leading Causes of Death by Age: Philadelphia, 2016

All Ages	Rank	Male	Female	All
Diseases of heart (I00-I09, I11, I13, I20-I51)	1	1,796	1,740	3,536
Malignant neoplasms (C00-C97)	2	1,568	1,560	3,128
Accidents (unintentional injuries) (V01-X59, Y85-Y86)	3	699	368	1,067
Cerebrovascular diseases (I60-I69)	4	269	419	688
Chronic lower respiratory diseases (J40-J47)	5	238	330	568
Septicemia (A40-A41)	6	167	194	361
Diabetes mellitus (E10-E14)	7	177	169	346
Nephritis, nephrotic syndrome and nephrosis (N00-N07, N17-N19, N25-N27)	8	161	170	331
Assault (homicide) (U01-U02, X85-Y09, Y87.1)	9	260	24	284
Influenza and pneumonia (J09-J18)	10	118	128	246
All other causes		1,725	2,034	3,759
All causes		7,178	7,136	14,314

Figure M3A. Leading Causes of Death for All Ages: Philadelphia, 2016



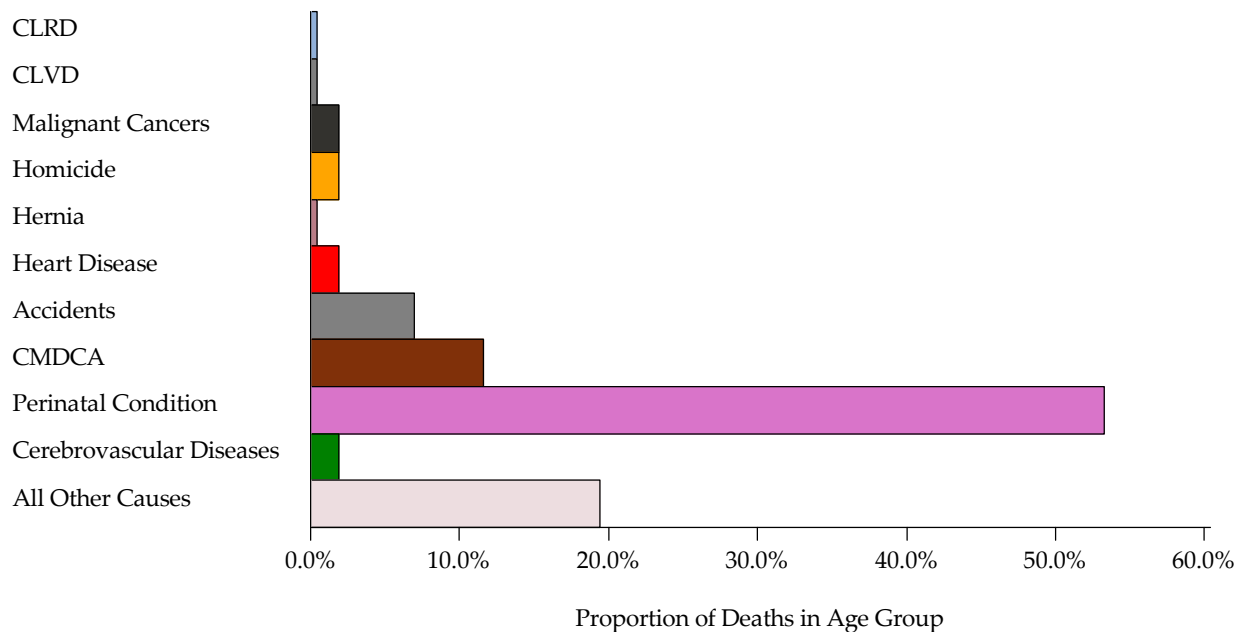
Note: CLRD=Chronic lower respiratory diseases

# Leading Causes of Death

Table M3. Leading Causes of Death by Age: Philadelphia, 2016

0 to 4 Years	Rank	Male	Female	All
Certain conditions originating in the perinatal period (P00-P96)	1	72	43	115
Congenital malformations, deformations and chromosomal abnormalities (Q00-Q99)	2	17	8	25
Accidents (unintentional injuries) (V01-X59, Y85-Y86)	3	10	5	15
Assault (homicide) (U01-U02, X85-Y09, Y87.1)	4	2	2	4
Cerebrovascular diseases (I60-I69)	4	2	2	4
Diseases of heart (I00-I09, I11, I13, I20-I51)	4	1	3	4
Malignant neoplasms (C00-C97)	4	2	2	4
Chronic liver disease and cirrhosis (K70, K73-K74)	5		1	1
Chronic lower respiratory diseases (J40-J47)	5	1		1
Hernia (K40-K46)	5	1		1
All other causes		26	16	42
All causes		134	82	216

Figure M3B. Leading Causes of Death Aged 0 to 4 Years Old: Philadelphia, 2016



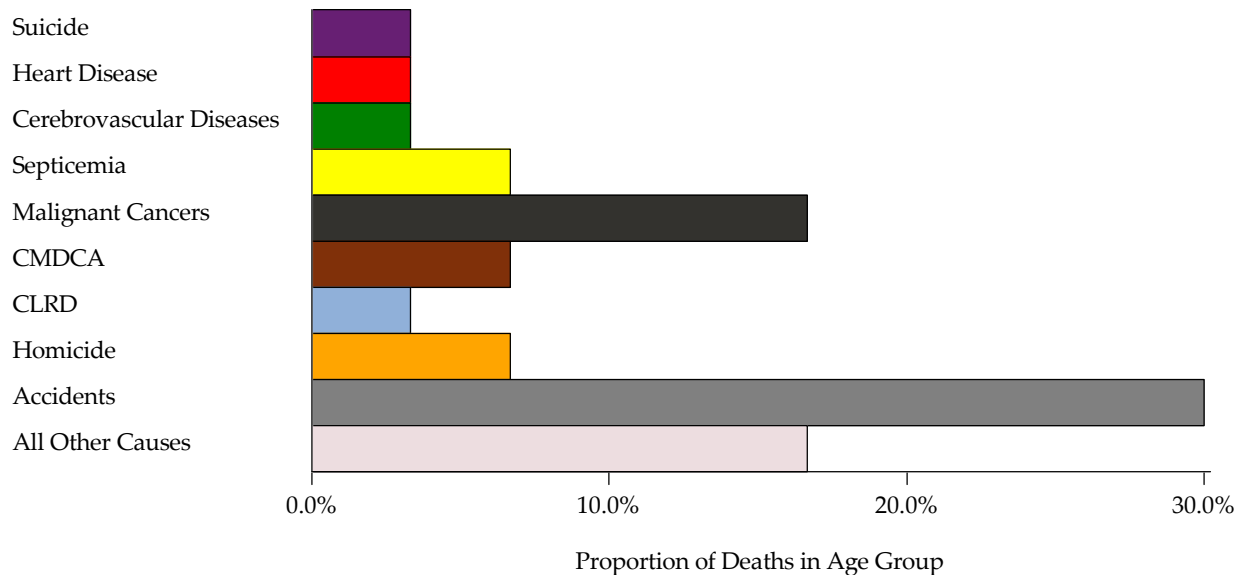
Note: CMDCA=Congenital malformations, deformations and chromosomal abnormalities

# Leading Causes of Death

Table M3. Leading Causes of Death by Age: Philadelphia, 2016

5 to 14 Years	Rank	Male	Female	All
Accidents (unintentional injuries) (V01-X59, Y85-Y86)	1	6	3	9
Malignant neoplasms (C00-C97)	2	2	3	5
Assault (homicide) (U01-U02, X85-Y09, Y87.1)	3	2		2
Congenital malformations, deformations and chromosomal abnormalities (Q00-Q99)	3	2		2
Septicemia (A40-A41)	3	1	1	2
Cerebrovascular diseases (I60-I69)	4	1		1
Chronic lower respiratory diseases (J40-J47)	4	1		1
Diseases of heart (I00-I09, I11, I13, I20-I51)	4	1		1
Influenza and pneumonia (J09-J18)	4	1		1
Intentional self-harm (suicide) (U03, X60-X84, Y87.0)	4		1	1
All other causes		3	2	5
All causes		20	10	30

Figure M3C. Leading Causes of Death Aged 5 to 14 Years Old: Philadelphia, 2016



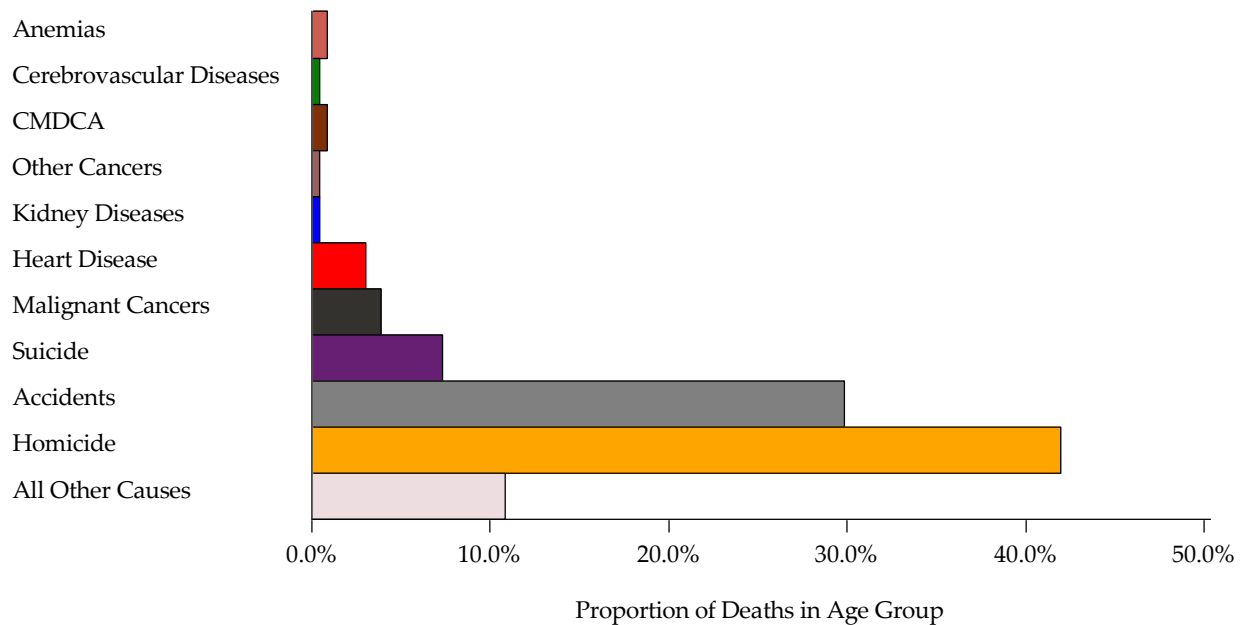
Note: CLRD=Chronic lower respiratory diseases,  
CMDCA=Congenital malformations, deformations and chromosomal abnormalities

# Leading Causes of Death

Table M3. Leading Causes of Death by Age: Philadelphia, 2016

15 to 24 Years	Rank	Male	Female	All
Assault (homicide) (U01-U02, X85-Y09, Y87.1)	1	94	3	97
Accidents (unintentional injuries) (V01-X59, Y85-Y86)	2	45	24	69
Intentional self-harm (suicide) (U03, X60-X84, Y87.0)	3	11	6	17
Malignant neoplasms (C00-C97)	4	5	4	9
Diseases of heart (I00-I09, I11, I13, I20-I51)	5	5	2	7
Anemias (D50-D64)	6	1	1	2
Congenital malformations, deformations and chromosomal abnormalities (Q00-Q99)	6	2		2
Cerebrovascular diseases (I60-I69)	7		1	1
In situ neoplasms, benign neoplasms and neoplasms of uncertain or unknown behavior (D00-D48)	7		1	1
Nephritis, nephrotic syndrome and nephrosis (N00-N07, N17-N19, N25-N27)	7	1		1
All other causes		13	12	25
All causes		177	54	231

Figure M3D. Leading Causes of Death Aged 15 to 24 Years Old: Philadelphia, 2016



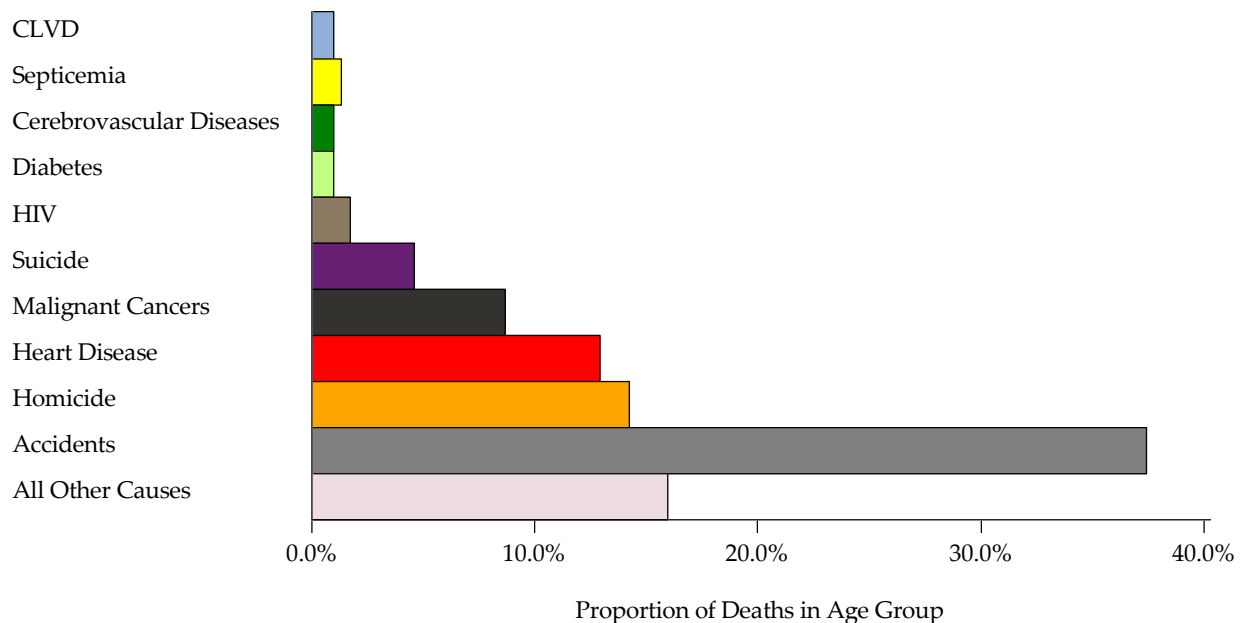
Note: CLRD=Chronic lower respiratory diseases

# Leading Causes of Death

Table M3. Leading Causes of Death by Age: Philadelphia, 2016

25 to 44 Years	Rank	Male	Female	All
Accidents (unintentional injuries) (V01-X59, Y85-Y86)	1	265	100	365
Assault (homicide) (U01-U02, X85-Y09, Y87.1)	2	131	8	139
Diseases of heart (I00-I09, I11, I13, I20-I51)	3	94	32	126
Malignant neoplasms (C00-C97)	4	40	45	85
Intentional self-harm (suicide) (U03, X60-X84, Y87.0)	5	35	10	45
Human immunodeficiency virus (HIV) disease (B20-B24)	6	11	6	17
Septicemia (A40-A41)	7	5	8	13
Cerebrovascular diseases (I60-I69)	8	5	5	10
Chronic liver disease and cirrhosis (K70, K73-K74)	8	6	4	10
Diabetes mellitus (E10-E14)	8	8	2	10
All other causes		91	65	156
All causes		691	285	976

Figure M3E. Leading Causes of Death Aged 25 to 44 Years Old: Philadelphia, 2016



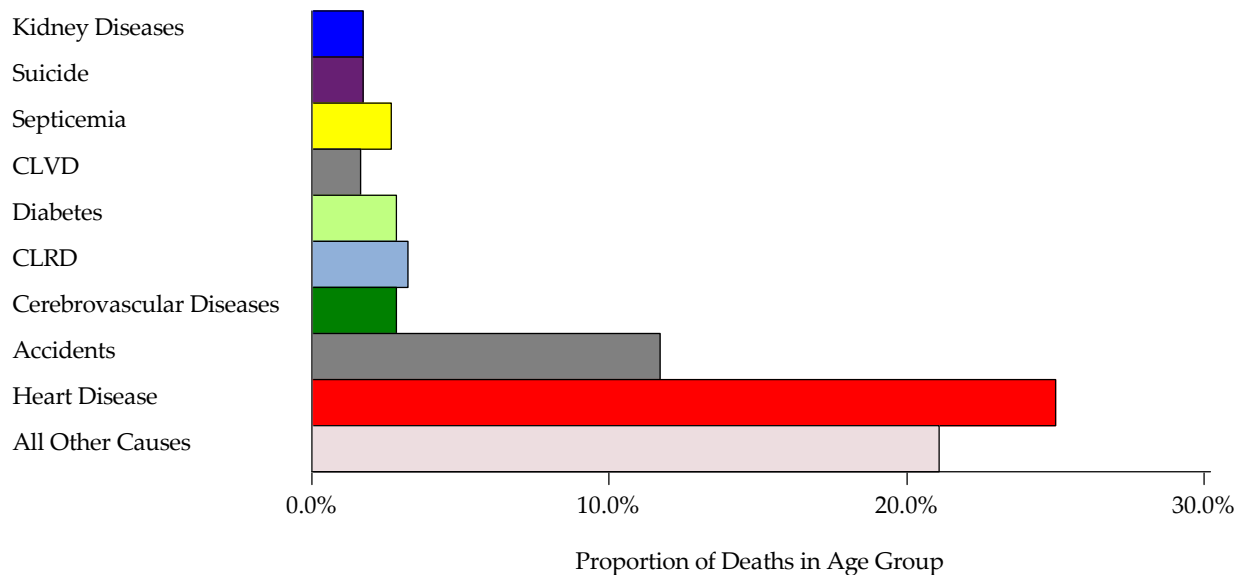
Note: CLRD=Chronic lower respiratory diseases, HIV=Human immunodeficiency virus disease

# Leading Causes of Death

Table M3. Leading Causes of Death Aged 45 to 64 Years Old: Philadelphia, 2016

45 to 64 Years	Rank	Male	Female	All
Malignant neoplasms (C00-C97)	1	449	416	865
Diseases of heart (I00-I09, I11, I13, I20-I51)	2	533	319	852
Accidents (unintentional injuries) (V01-X59, Y85-Y86)	3	262	138	400
Chronic lower respiratory diseases (J40-J47)	4	44	67	111
Cerebrovascular diseases (I60-I69)	5	51	47	98
Diabetes mellitus (E10-E14)	5	58	40	98
Septicemia (A40-A41)	6	48	43	91
Intentional self-harm (suicide) (U03, X60-X84, Y87.0)	7	43	16	59
Nephritis, nephrotic syndrome and nephrosis (N00-N07, N17-N19, N25-N27)	7	34	25	59
Chronic liver disease and cirrhosis (K70, K73-K74)	8	39	18	57
All other causes		429	290	719
All causes		1,990	1,419	3,409

Figure M3F. Leading Causes of Death Aged 45 to 64 Years Old: Philadelphia, 2016



Note: CLRD=Chronic lower respiratory diseases, CLVD=Chronic liver disease and cirrhosis

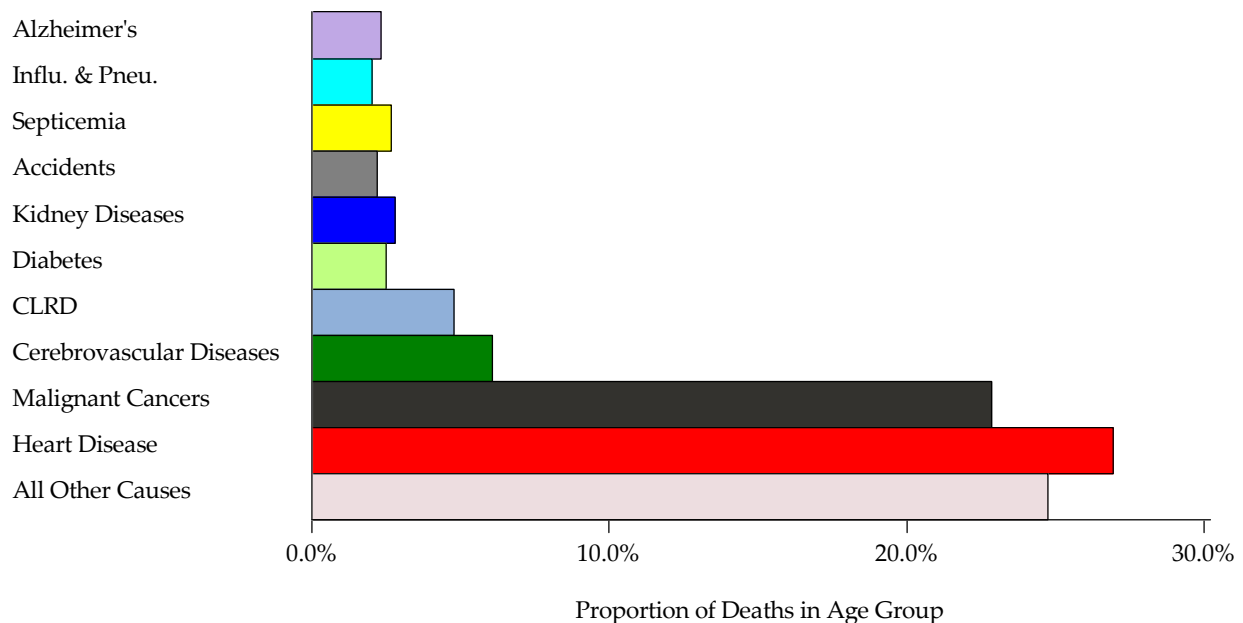


# Leading Causes of Death

Table M3. Leading Causes of Death by Age: Philadelphia, 2016

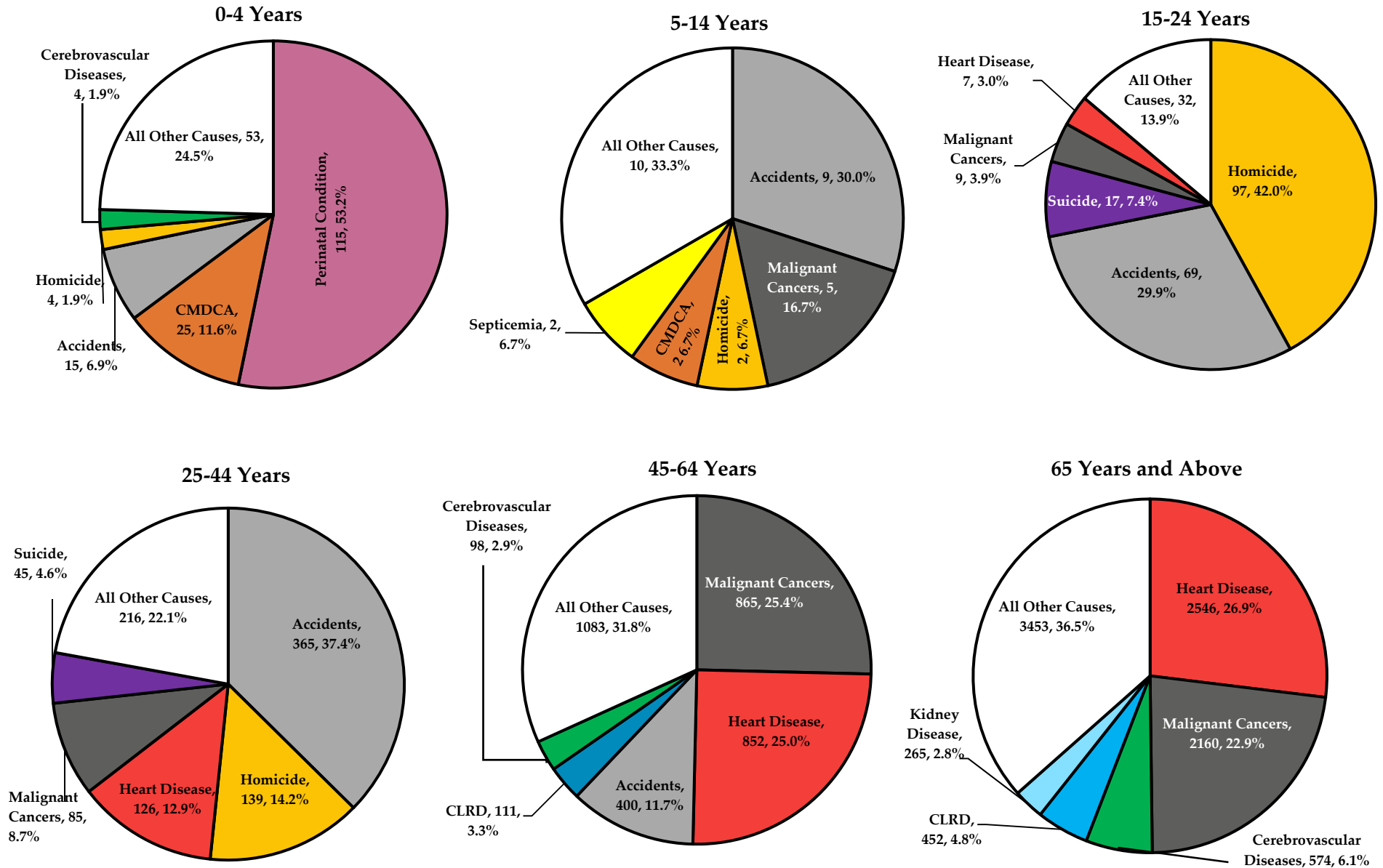
65 Years and Older	Rank	Male	Female	All
Diseases of heart (I00-I09, I11, I13, I20-I51)	1	1,162	1,384	2,546
Malignant neoplasms (C00-C97)	2	1,070	1,090	2,160
Cerebrovascular diseases (I60-I69)	3	210	364	574
Chronic lower respiratory diseases (J40-J47)	4	189	263	452
Nephritis, nephrotic syndrome and nephrosis (N00-N07, N17-N19, N25-N27)	5	125	140	265
Septicemia (A40-A41)	6	113	140	253
Diabetes mellitus (E10-E14)	7	111	127	238
Alzheimer's disease (G30)	8	50	172	222
Accidents (unintentional injuries) (V01-X59, Y85-Y86)	9	111	98	209
Influenza and pneumonia (J09-J18)	10	85	106	191
All other causes		939	1,401	2,340
All causes		4,165	5,285	9,450

Figure M3G. Leading Causes of Death Aged 65 Years Old and Above: Philadelphia, 2016



Note: CLRD=Chronic lower respiratory diseases

**Leading Causes of Death**  
**Figure M3H. Top 5 Leading Causes of Death by Age : Philadelphia, 2016**



Note: CBVD = Cerebrovascular Diseases; CLRD = Chronic Lower Respiratory Diseases; CMDCA=Congenital Malformations, Deformations and Chromosomal Abnormalities.

# Infant, Neonatal, and Post-Neonatal Deaths, 2006 - 2016

Table M4  
Infant Deaths, Neonatal Deaths, Post-Neonatal Deaths  
By Mother's Race/Ethnicity: Philadelphia, 2006 - 2016

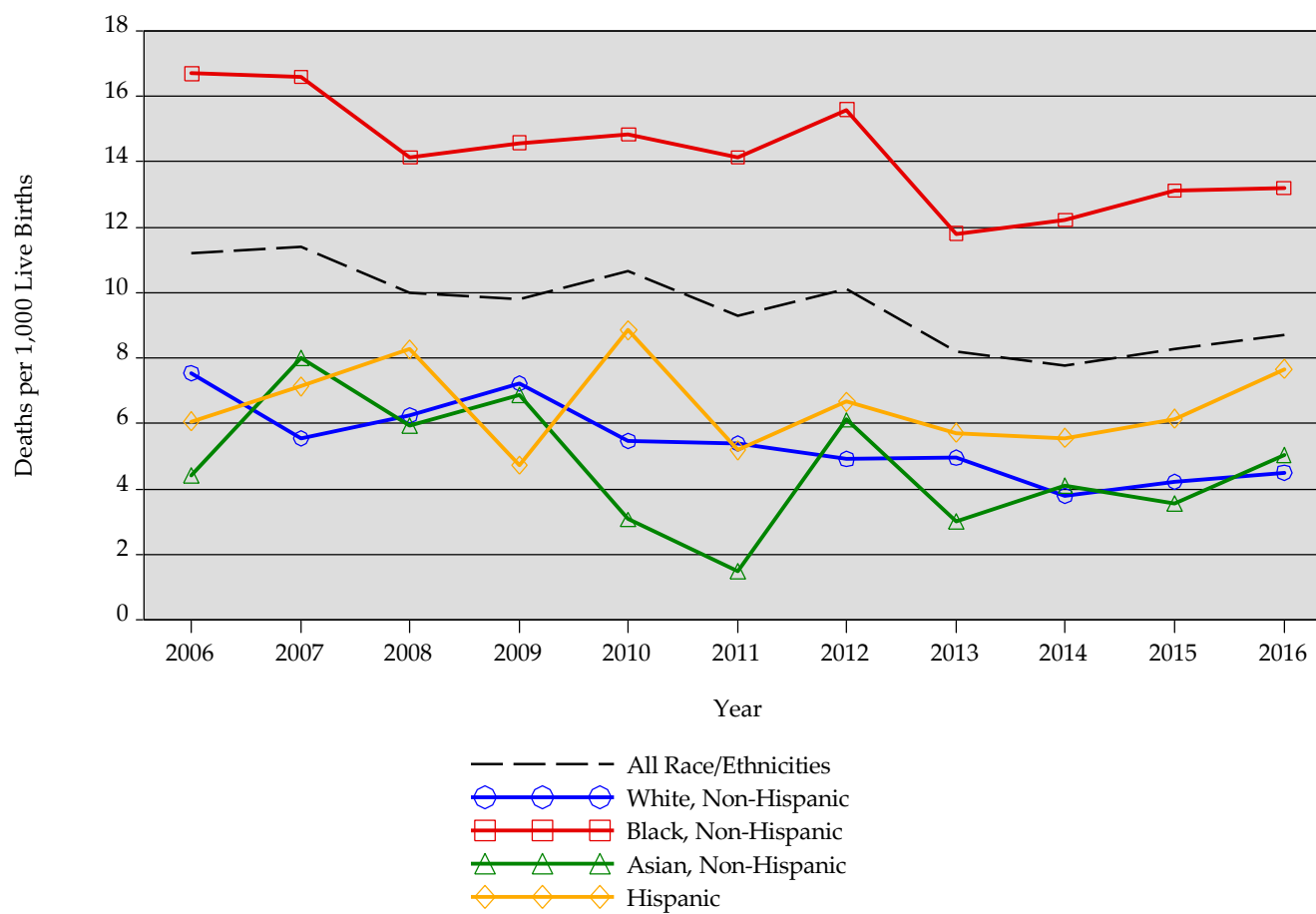
Category	2006		2007		2008		2009		2010		2011		2012		2013		2014		2015		2016	
	N	Rate	N	Rate	N	Rate	N	Rate	N	Rate	N	Rate	N	Rate	N	Rate	N	Rate	N	Rate	N	Rate
All Infants																						
All Race/Ethnicities	257	11.2	269	11.4	237	10.0	230	9.8	246	10.7	215	9.3	234	10.1	181	8.2	174	7.8	183	8.3	187	8.7
White, Non-Hispanic	43	7.5	32	5.5	37	6.2	42	7.2	32	5.5	32	5.4	29	4.9	29	4.9	22	3.8	24	4.2	26	4.5
Black, Non-Hispanic	178	16.7	179	16.6	152	14.1	156	14.6	156	14.8	148	14.1	161	15.6	115	11.8	116	12.2	123	13.1	116	13.2
Asian, Non-Hispanic	6	4.4	11	8.0	8	5.9	9	6.9	4	3.1	2	1.5	9	6.1	4	3.0	6	4.1	5	3.6	8	5.0
Hispanic	23	6.1	28	7.1	33	8.3	19	4.7	34	8.9	21	5.2	27	6.7	22	5.7	22	5.6	25	6.1	30	7.7
Neonatal																						
All Race/Ethnicities	190	8.3	167	7.1	162	6.8	153	6.5	169	7.3	140	6.1	157	6.8	132	6.0	122	5.5	128	5.8	136	6.3
White, Non-Hispanic	34	6.0	24	4.2	23	3.9	29	5.0	22	3.8	19	3.2	21	3.6	22	3.8	16	2.8	20	3.5	17	3.0
Black, Non-Hispanic	127	11.9	98	9.1	101	9.4	103	9.6	103	9.8	98	9.4	102	9.9	79	8.1	79	8.3	84	9.0	82	9.3
Asian, Non-Hispanic	5	3.7	9	6.6	6	4.5	7	5.4	3	2.3	1	0.7	9	6.1	3	2.3	6	4.1	3	2.1	8	5.0
Hispanic	18	4.8	20	5.1	26	6.5	11	2.7	21	5.5	11	2.7	18	4.4	17	4.4	13	3.3	16	3.9	23	5.9
Post-Neonatal																						
All Race/Ethnicities	67	2.9	102	4.3	75	3.2	77	3.3	77	3.3	75	3.2	77	3.3	49	2.2	52	2.3	55	2.5	51	2.4
White, Non-Hispanic	9	1.6	8	1.4	14	2.4	13	2.2	10	1.7	13	2.2	8	1.4	7	1.2	6	1.0	4	0.7	9	1.6
Black, Non-Hispanic	51	4.8	81	7.5	51	4.7	53	5.0	53	5.0	50	4.8	59	5.7	36	3.7	37	3.9	39	4.2	34	3.9
Asian, Non-Hispanic	1	0.7	2	1.5	2	1.5	2	1.5	1	0.8	1	0.7	0	0.0	1	0.8			2	1.4		
Hispanic	5	1.3	8	2.0	7	1.8	8	2.0	13	3.4	10	2.5	9	2.2	5	1.3	9	2.3	9	2.2	7	1.8

Rate = deaths per 1,000 live births.

Race/ethnicity information was unavailable for some infants.

# Infant, Neonatal, and Post-Neonatal Deaths, 2006 - 2016

Figure M4  
Infant Mortality Rate by Mother's Race/Ethnicity: Philadelphia, 2006 - 2016



# Infant Mortality Rate by Race

Table M5  
Infant Mortality Rate by Mother's Race/Ethnicity: 1960 – 2016

Year	All Residents	White (All Ethnicities)	White (Non-Hispanic)	Non-White (All Ethnicities)	Black (All Ethnicities)	Black (Non-Hispanic)
2016	8.7		4.5			13.2
2015	8.3		4.2			13.1
2014	7.8		3.8			12.2
2013	8.2		4.9			11.8
2012	10.1		4.9			15.6
2011	9.3		5.4			14.1
2010	10.7		5.5			14.8
2009	9.8		7.2			14.6
2008	10.0		6.2			14.1
2007	11.4		5.5			16.6
2006	11.2		7.5			16.7
2005	11.3		7.4			15.3
2004	10.5	8.4			15.7	
2003	10.7	9.0			14.3	
2002	10.6	7.8			13.5	
2001	10.8	6.6			15.4	
2000	10.3	6.1			14.1	
1999	11.6	5.8			16.7	
1998	12.3	8.0			15.5	
1997	13.0	6.8			18.1	
1996	12.2	7.0			16.9	
1995	12.3	7.4			17.1	
1994	13.4	8.0			17.7	
1993	13.7	5.5			18.7	
1992	13.8	6.8			18.8	
1991	14.2	8.7		18.0		
1990	16.0	7.9		22.1		
1989	17.7	11.2		22.6		
1988	16.8	11.5		20.9		
1987	16.9	10.7		22.1		
1986	15.7	9.1		21.5		
1985	16.4	11.1		21.3		
1984	15.2	8.5		21.9		
1983	16.3	11.0		21.6		
1982	17.3	12.1		22.7		
1981	17.8	13.7		21.9		
1980	18.1	13.5		22.6		
1979	17.8	13.5		22.0		
1978	17.2	13.8		20.7		
1977	18.5	12.7		24.2		
1976	20.0	13.6		26.6		

# Infant Mortality Rate by Race

Table M5  
Infant Mortality Rate by Mother's Race/Ethnicity: 1960 – 2016

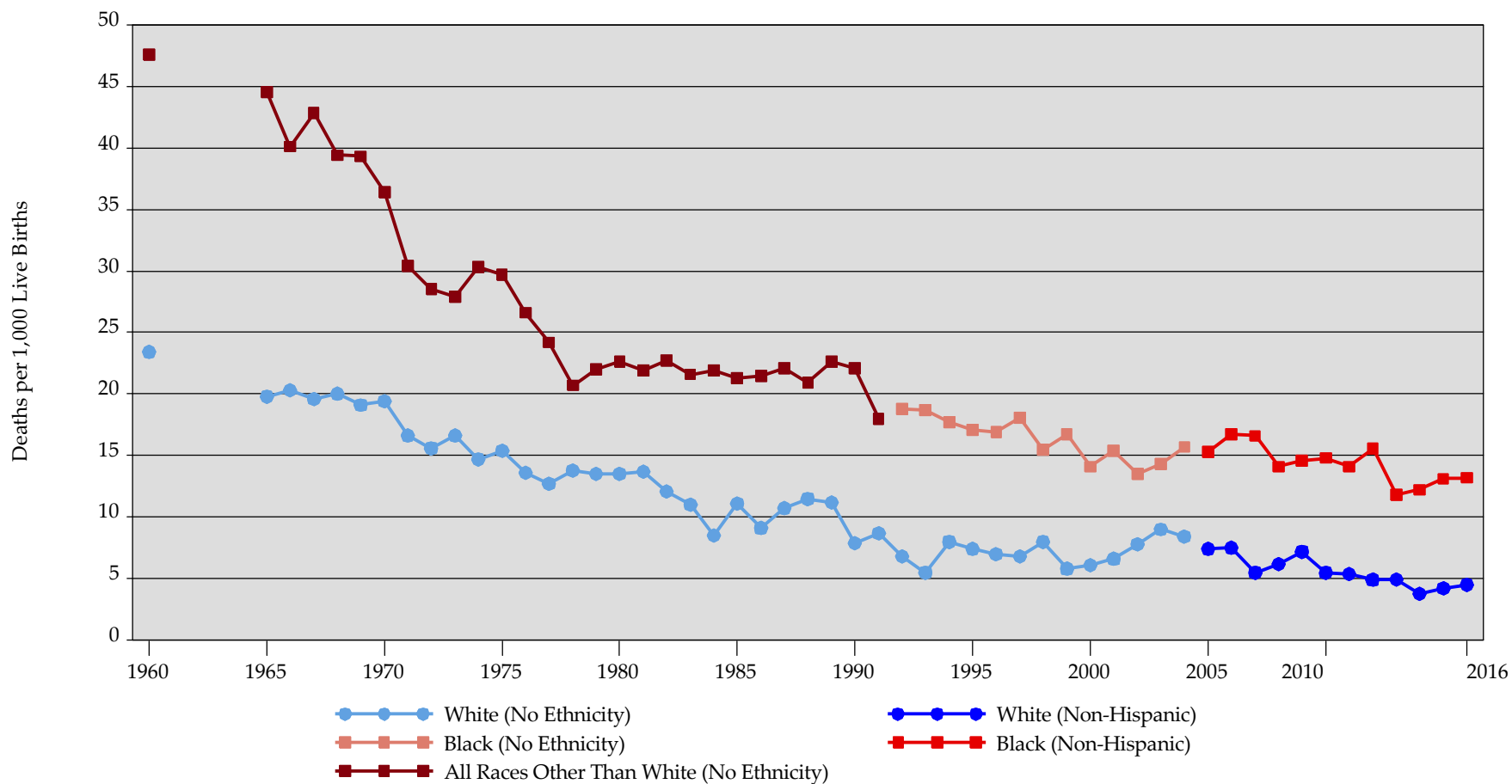
Year	All Residents	White (All Ethnicities)	White (Non-Hispanic)	Non-White (All Ethnicities)	Black (All Ethnicities)	Black (Non-Hispanic)
1975	22.2	15.4		29.7		
1974	21.9	14.7		30.3		
1973	21.9	16.6		27.9		
1972	21.5	15.6		28.5		
1971	23.0	16.6		30.4		
1970	27.0	19.4		36.4		
1969	27.9	19.1		39.3		
1968	28.3	20.0		39.4		
1967	29.3	19.6		42.8		
1966	28.4	20.3		40.1		
1965	29.7	19.8		44.5		
1964	30.3					
1963	28.9					
1962	30.9					
1961	30.0					
1960	32.4	23.4		47.6		

The values show are death rates per 1,000 live births.

Race/ethnicity classifications have changed over time, and the table has been based on the available data. Other displays in this report show more detailed results available from 2005 on.

# Infant Mortality by Race

Figure M5  
Infant Mortality Rate by Race: Philadelphia, 1960 - 2016

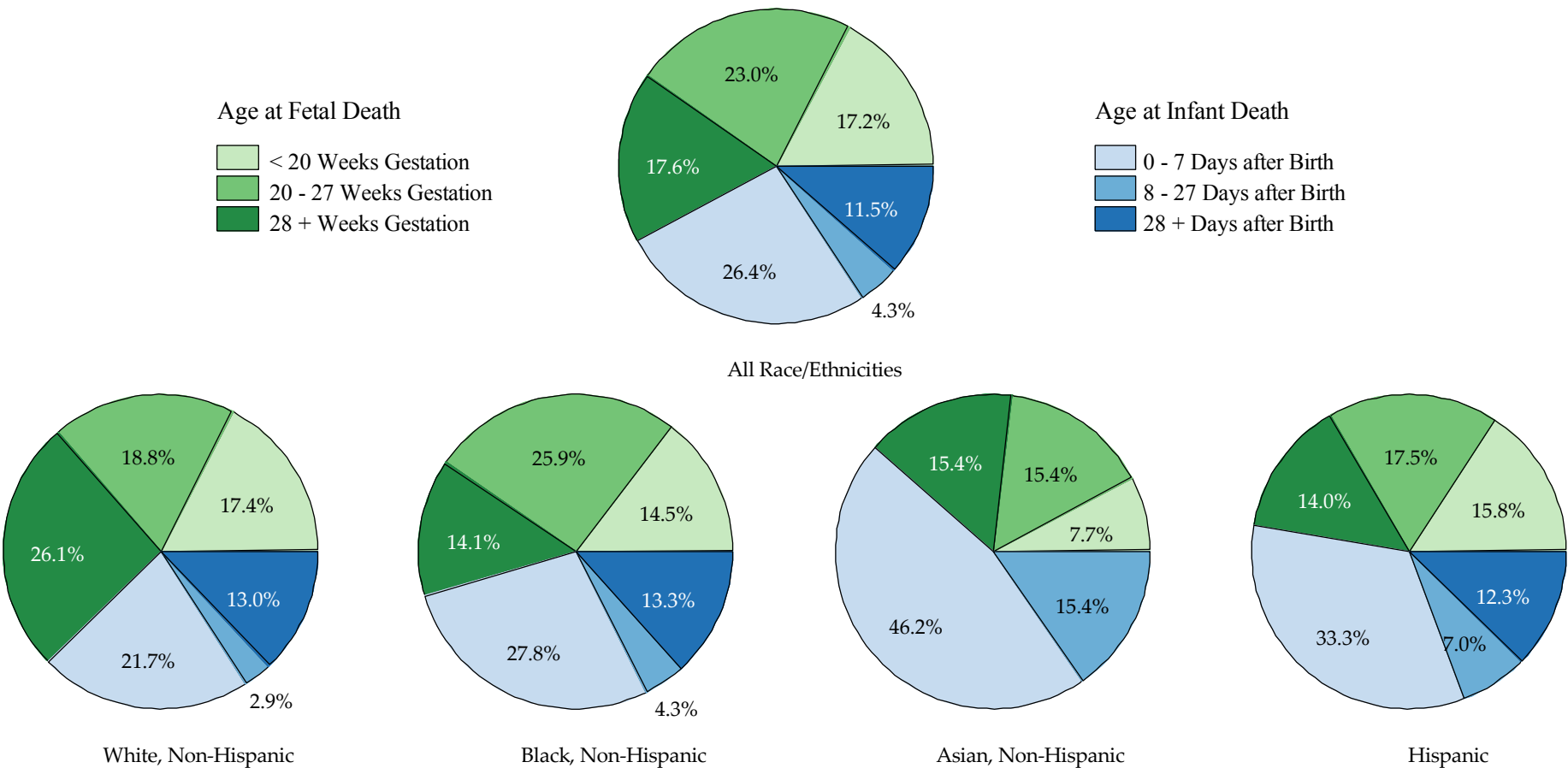


# Perinatal Mortality by Race/Ethnicity

Table M6  
Fetal Deaths by Mother's Race/Ethnicity: Philadelphia, 2016

	White, Non-Hispanic	Black, Non-Hispanic	Asian, Non-Hispanic	Hispanic	All Race/ Ethnicities
Number of Deaths	43	139	5	27	256

Figure M6  
Perinatal Mortality by Mother's Race/Ethnicity: Philadelphia, 2016





# Mortality Trends, 1972 - 2016

Table M7A

All Causes of Death: Philadelphia, 1972 - 2016

Age-Adjusted Mortality Rates and Years of Potential Life Lost to Age 75

Year	Mortality Rate <sup>1</sup>	Years of Potential Life Lost to Age 75 <sup>2</sup>	Year	Mortality Rate	Years of Potential Life Lost to Age 75
1972	1,417.8	16,730.2	1994	1,164.4	14,634.4
1974	1,319.8	16,342.6	1995	1,154.4	14,332.8
1975	1,281.6	15,908.9	1996	1,134.0	13,627.7
1976	1,267.3	15,155.3	1997	1,127.8	13,567.0
1977	1,235.3	15,088.6	1998	1,079.2	12,202.8
1978	1,223.2	14,677.0	1999	1,084.8	12,089.0
1979	1,200.2	14,311.1	2000	1,085.2	12,179.6
1980	1,267.0	14,811.0	2001	1,077.3	12,121.4
1981	1,211.4	14,227.5	2002	1,050.4	11,862.9
1982	1,200.9	14,058.1	2003	1,037.4	11,520.4
1983	1,185.1	13,283.0	2004	991.8	11,306.8
1984	1,185.5	13,085.9	2005	991.3	11,356.2
1985	1,214.6	13,853.8	2006	970.8	11,631.9
1986	1,187.7	13,926.7	2007	960.8	11,271.5
1987	1,215.2	14,537.3	2008	923.1	10,545.7
1988	1,215.6	14,766.0	2009	906.8	9,973.0
1989	1,213.4	15,293.4	2010	876.1	9,831.9
1990	1,148.5	14,488.2	2011	911.0	9,915.8
1991	1,152.7	14,309.7	2012	877.9	9,826.6
1992	1,141.1	14,215.5	2013	863.4	9,044.1
1993	1,184.4	14,814.6	2014	862.6	9,017.4
			2015	865.4	9,088.3
			2016	877.7	9,663.9

<sup>1</sup> Rates are expressed per 100,000 population and may not agree with previously published results because of changes in population estimates or methodology.

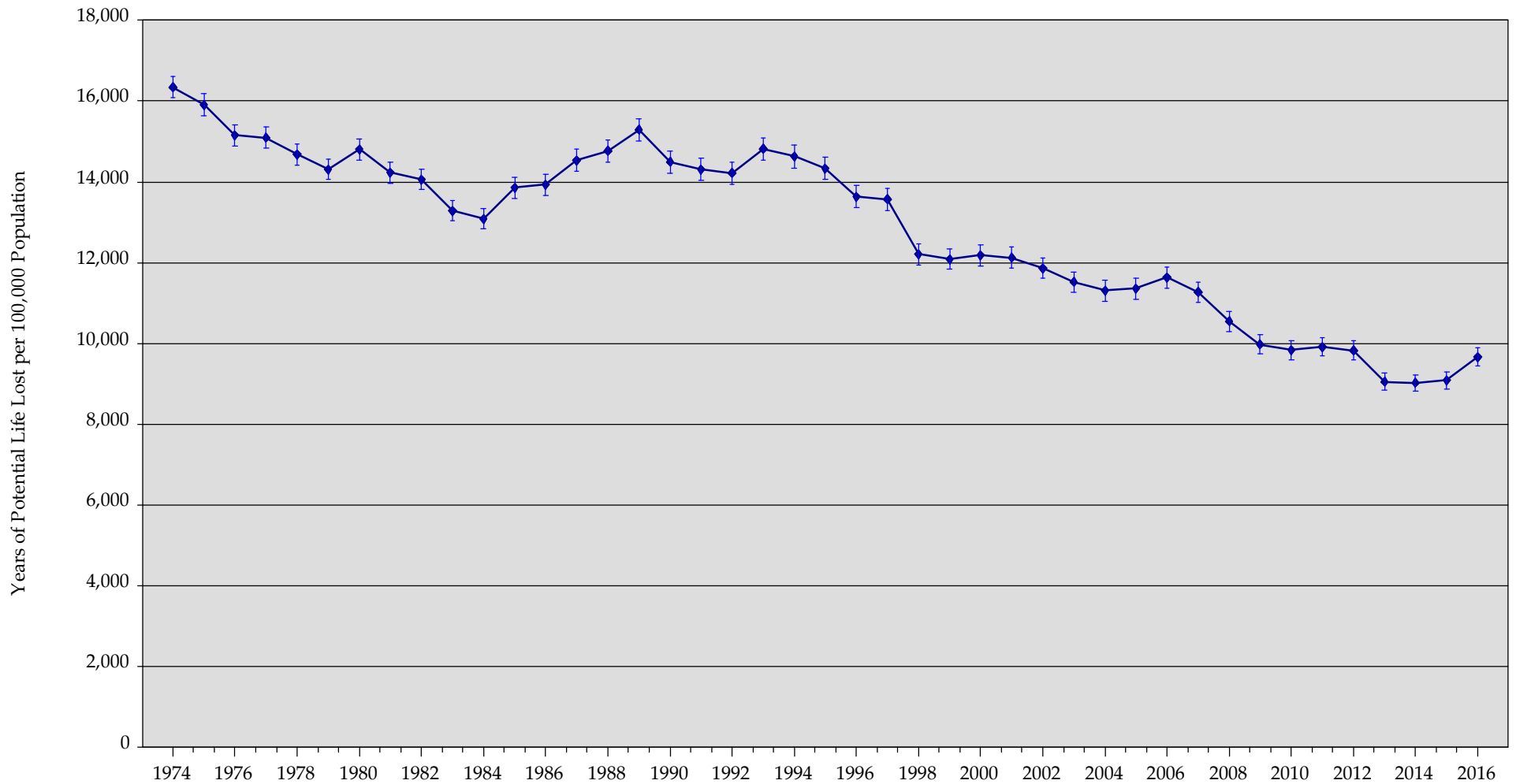
<sup>2</sup> The values are expressed per 100,000 population for the people who died before age 75.

# Mortality Trends, 1974 - 2016

Figure M7A

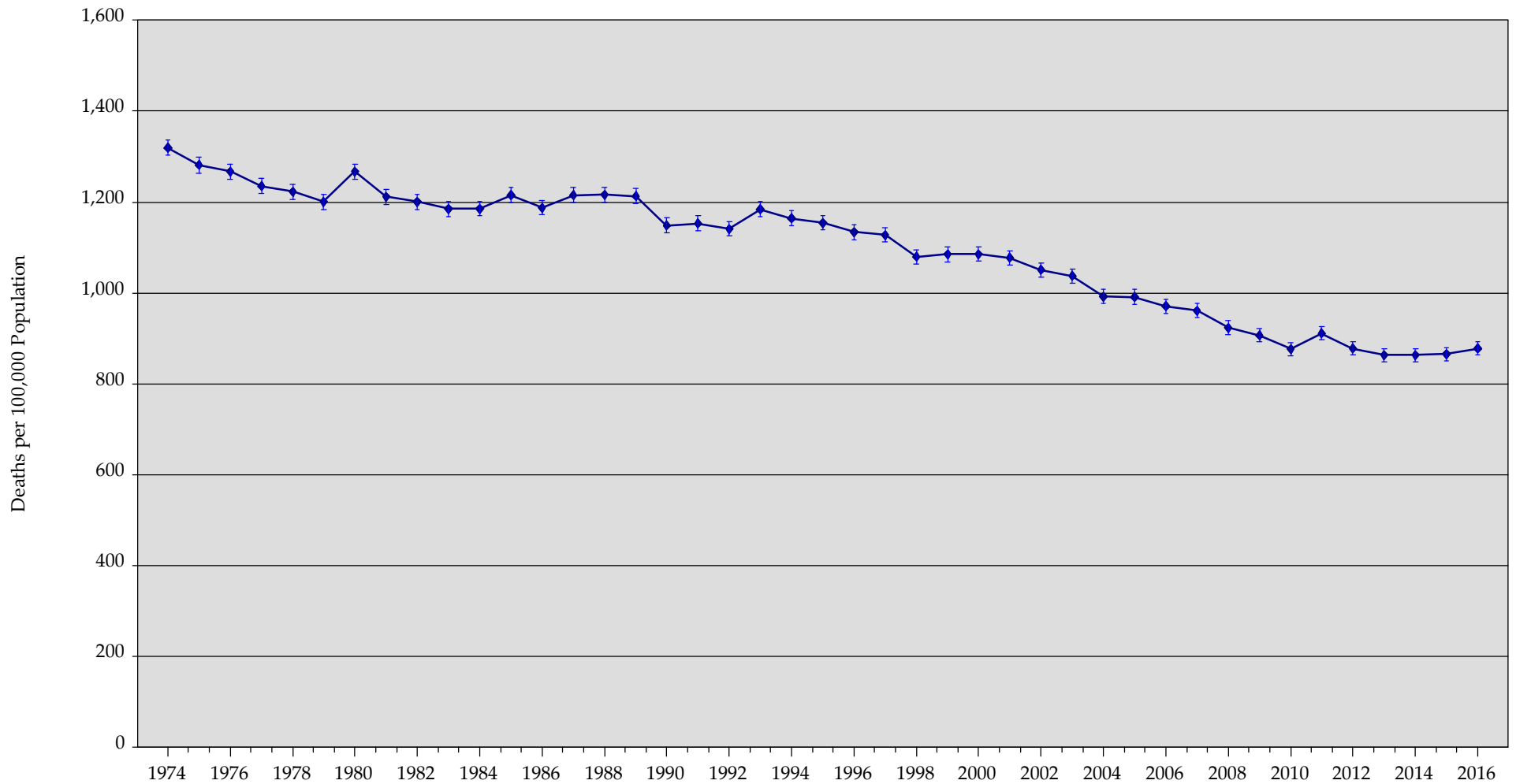
All Causes of Death: Philadelphia, 1974 - 2016

Age-Adjusted Years of Potential Life Lost to Age 75 with 95% Confidence Intervals



# Mortality Trends, 1974 - 2016

Figure M7B  
All Causes of Death: Philadelphia, 1974 - 2016  
Age-Adjusted Mortality Rates with 95% Confidence Intervals



# Specified Causes of Death

Table M7B  
Specified Causes of Death: Philadelphia, 2000 - 2016

Years of Potential Life Lost to Age 75, Not Age-Adjusted

Cause of Death	Rank <sup>2</sup>	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016
<b>Leading Causes of Death</b>																		
Accidents (unintentional injuries) (V01-X59, Y85-Y86)	1	20,715	18,972	17,257	16,348	18,520	18,184	20,686	19,705	19,169	17,550	17,692	20,644	22,355	19,731	22,488	23,402	29,000
Diseases of heart (I00-I09, I11, I13, I20-I51)	2	25,324	24,952	24,696	24,013	23,190	23,934	23,872	24,083	22,985	22,409	23,241	22,843	21,236	21,498	22,506	21,279	24,659
Malignant neoplasms (C00-C97)	3	29,165	29,817	28,812	29,428	28,776	26,703	27,449	28,159	26,116	26,333	25,744	27,345	26,489	24,894	24,407	23,588	24,229
Assault (homicide) (U01-U02, X85-Y09, Y87.1)	4	14,689	13,547	12,854	15,017	14,316	16,515	18,141	16,262	13,869	12,888	13,776	14,818	14,369	10,811	9,959	12,685	12,704
Cerebrovascular diseases (I60-I69)	5	4,972	4,177	4,979	4,513	4,209	4,517	4,207	4,243	3,775	3,196	3,245	3,842	2,892	3,386	3,448	3,244	3,130
Septicemia (A40-A41)	6	3,339	4,734	4,103	3,751	4,251	4,069	3,604	4,059	3,236	3,077	2,659	3,139	2,893	2,709	2,191	2,871	2,842
Chronic lower respiratory diseases (J40-J47)	7	3,568	2,841	3,393	2,575	3,192	2,696	3,123	3,266	3,642	3,379	2,885	2,967	3,296	3,139	2,774	3,355	2,786
Diabetes mellitus (E10-E14)	8	3,627	4,016	3,624	3,734	3,641	3,062	3,405	3,079	2,844	2,746	3,066	3,594	2,919	3,347	3,199	3,275	2,738
Nephritis, nephrotic syndrome and nephrosis (N00-N07, N17-19, N25-N27)	9	3,238	2,687	2,690	2,821	2,800	3,071	2,217	2,088	2,934	1,986	1,874	1,814	1,934	1,766	1,775	1,651	1,649
Influenza and pneumonia (J09-J18)	10	1,993	1,776	1,288	1,313	1,224	1,387	1,462	1,849	1,703	2,393	1,116	1,486	1,226	1,727	1,629	1,201	1,433
All causes		166,395	164,917	161,541	157,789	155,504	157,425	161,949	158,350	148,867	142,777	142,511	146,797	146,594	135,961	136,171	138,611	147,225
<b>Other Causes of Special Interest</b>																		
Malignant neoplasm of breast (C50)		2,934	3,503	3,191	3,091	3,170	2,522	2,510	2,210	2,676	2,731	2,411	2,763	3,041	2,182	2,188	1,888	2,238
Malignant neoplasm of trachea, bronchus and lung (C33-C34)		8,170	8,381	7,606	7,246	7,818	7,511	7,273	7,812	6,522	6,776	6,839	6,539	6,301	6,566	5,837	5,877	5,444
Malignant neoplasm of colon, rectum and anus (C18-C21)		2,491	2,508	2,576	2,651	2,074	2,306	2,108	2,573	2,263	2,288	2,554	2,222	2,006	2,148	2,191	2,400	2,390
Intentional self-harm (suicide) (U03, X60-X84, Y87.0)		5,083	4,629	5,130	5,287	4,827	4,473	4,209	4,029	5,362	4,465	4,700	4,364	5,290	4,720	4,726	4,900	4,143
Malignant neoplasm of prostate (C61)		657	513	555	699	651	617	595	554	460	432	508	598	632	611	366	516	736
Human immunodeficiency virus (HIV) disease (B20-B24)		8,493	7,720	7,462	7,109	6,343	5,025	5,186	5,014	3,684	3,362	3,237	2,964	2,076	2,963	1,803	1,448	1,678
Infant mortality per 1,000 live births <sup>1</sup>		16,650	17,025	16,650	17,100	16,950	18,750	19,275	20,175	17,775	17,250	18,450	16,125	17,550	13,575	13,050	13,725	14,025

The values reflect the total years of potential life lost for the people who died before age 75, not age-adjusted.

<sup>1</sup> This row may include some deaths analyzed in previous rows.

<sup>2</sup> The ranks are based on the values from 2016.

# Specified Causes of Death

Table M7C  
Specified Causes of Death: Philadelphia, 2000 - 2016

Age-Adjusted Rates per 100,000 Population

Cause of Death	Rank <sup>2</sup>	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016
<b>Leading Causes of Death</b>																		
Diseases of heart (I00-I09, I11, I13, I20-I51)	1	295.5	295.7	287.0	278.8	263.7	261.1	240.1	242.5	232.1	229.1	228.3	224.2	202.5	208.9	211.1	207.8	215.3
Malignant neoplasms (C00-C97)	2	249.4	249.9	240.0	242.9	231.0	222.5	227.8	222.7	211.5	218.8	203.0	214.5	206.5	197.5	200.0	189.1	192.2
Accidents (unintentional injuries) (V01-X59, Y85-Y86)	3	48.3	45.9	40.6	40.4	45.0	45.6	49.1	48.7	46.9	42.8	42.9	50.5	53.7	47.1	55.7	58.2	67.4
Cerebrovascular diseases (I60-I69)	4	68.3	65.8	60.4	64.5	53.2	54.7	49.9	48.8	45.9	44.1	43.9	48.8	42.3	42.2	42.0	43.9	42.1
Chronic lower respiratory diseases (J40-J47)	5	40.8	37.0	40.6	36.0	37.2	35.9	38.2	38.1	38.2	39.5	35.4	39.2	40.3	38.2	35.7	40.7	34.8
Septicemia (A40-A41)	6	36.7	39.6	36.2	34.9	33.5	33.7	31.7	31.6	27.2	24.4	23.3	24.8	19.5	22.4	18.5	22.2	22.1
Diabetes mellitus (E10-E14)	7	27.7	28.9	27.0	27.8	26.4	22.5	24.5	24.3	21.9	21.3	21.4	26.8	22.1	26.1	23.4	22.6	21.4
Nephritis, nephrotic syndrome and nephrosis (N00-N07, N17-19, N25-N27)	8	27.2	26.0	26.7	28.3	27.5	26.9	26.9	22.9	25.4	24.0	23.2	22.4	20.4	19.9	19.5	20.5	20.6
Assault (homicide) (U01-U02, X85-Y09, Y87.1)	9	20.6	19.9	18.5	21.7	20.8	23.0	24.4	23.3	19.8	18.0	18.5	19.7	19.7	15.3	14.4	18.1	17.0
Influenza and pneumonia (J09-J18)	10	22.4	20.0	17.2	17.7	16.2	18.4	17.0	17.1	17.8	16.7	12.3	14.8	13.1	16.5	14.5	14.4	15.4
All causes		1,085.2	1,077.3	1,050.4	1,037.4	991.8	991.3	970.8	960.8	923.1	906.8	876.1	911.0	877.9	863.4	862.6	865.4	877.7
<b>Other Causes of Special Interest</b>																		
Malignant neoplasm of breast (C50)		19.4	21.8	20.3	19.6	18.5	17.2	17.2	15.8	18.5	17.5	16.2	17.7	14.8	15.9	15.3	14.6	13.8
Malignant neoplasm of trachea, bronchus and lung (C33-C34)		70.3	68.7	68.5	65.8	66.9	64.5	62.7	63.7	59.2	61.1	54.3	57.8	56.9	55.5	53.9	50.9	50.7
Malignant neoplasm of colon, rectum and anus (C18-C21)		28.1	27.7	26.2	26.5	22.4	22.6	23.9	21.7	21.2	22.6	21.0	17.6	17.5	17.8	17.6	18.8	19.4
Intentional self-harm (suicide) (U03, X60-X84, Y87.0)		10.6	9.2	10.5	10.9	10.1	10.8	9.0	8.7	11.7	10.0	9.5	10.1	10.7	9.5	10.0	9.9	8.9
Malignant neoplasm of prostate (C61)		15.1	13.4	13.1	14.6	12.2	12.7	14.0	12.4	11.2	11.6	11.7	13.1	12.6	10.7	8.9	10.5	11.5
Human immunodeficiency virus (HIV) disease (B20-B24)		18.6	18.1	17.9	16.5	15.5	12.6	12.6	13.0	10.2	8.8	8.6	7.7	5.9	8.4	5.2	4.1	4.6
Infant mortality per 1,000 live births <sup>1</sup>		10.2	10.8	10.5	10.7	10.4	11.3	11.2	11.4	10.0	9.8	10.7	9.3	10.1	8.2	7.8	8.3	8.7

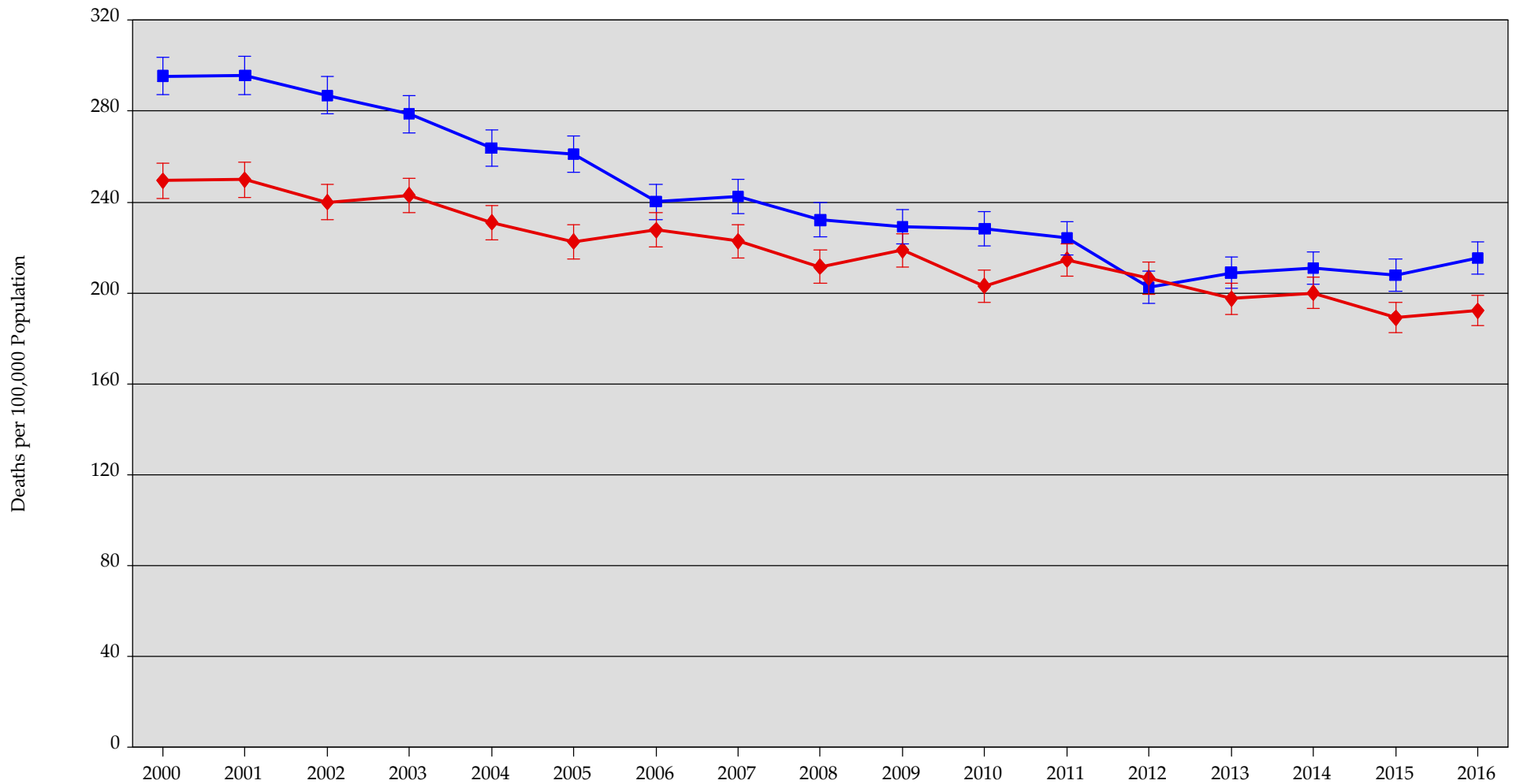
Rates are expressed per 100,000 population using the estimates shown in Figure P2 and may not agree with previously published results. Values have not been shown when there are fewer than 20 deaths.

<sup>1</sup> This row may include some deaths analyzed in previous rows.

<sup>2</sup> The ranks are based on the values from 2016.

# Mortality Trends, 2000 - 2016

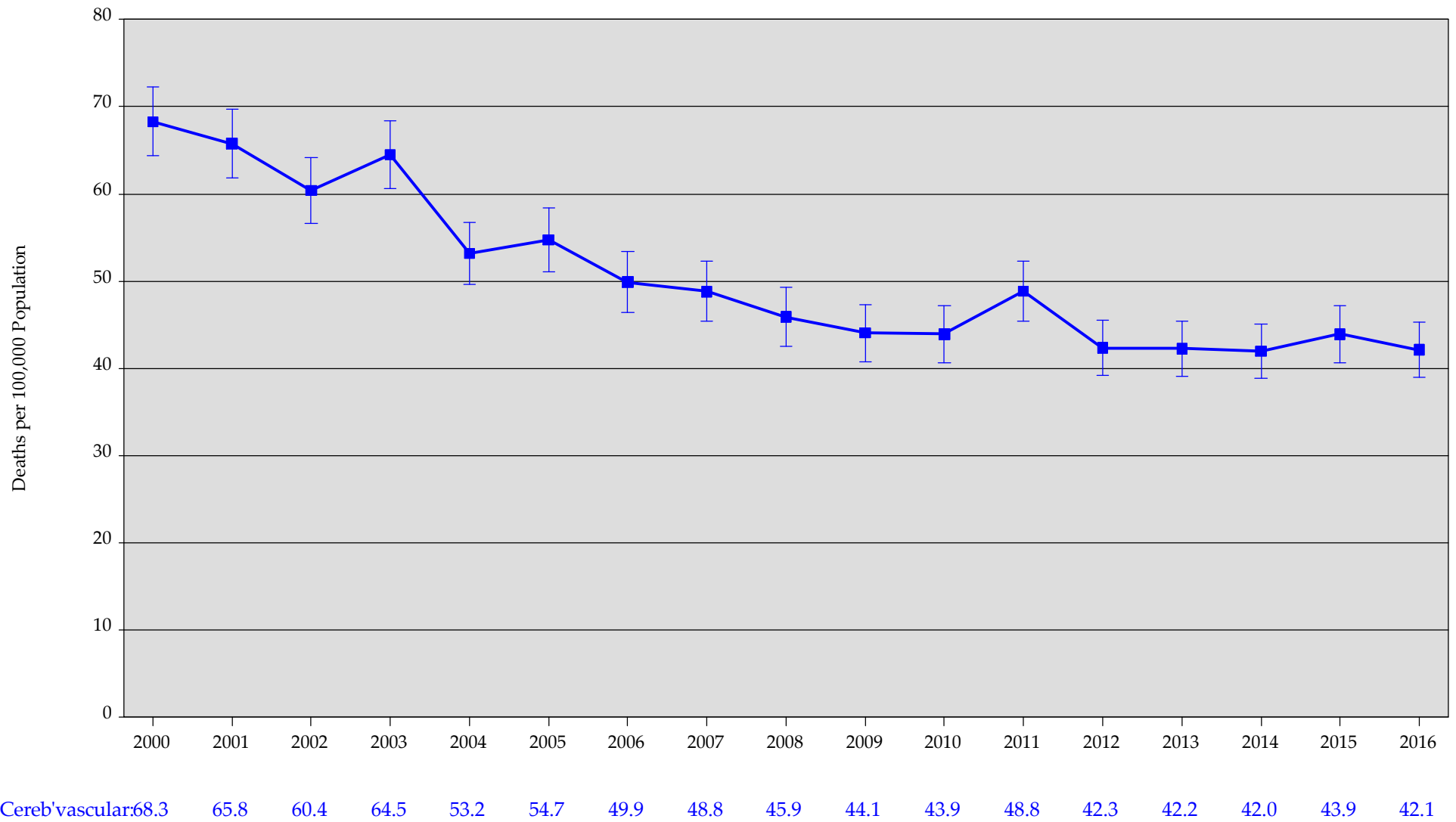
Figure M7C  
Heart Disease and Cancer: Philadelphia, 2000 - 2016  
Age-Adjusted Mortality Rates with 95% Confidence Intervals



Heart disease:	295.5	295.7	287.0	278.8	263.7	261.1	240.1	242.5	232.1	229.1	228.3	224.2	202.5	208.9	211.1	207.8	215.3
All cancers:	249.4	249.9	240.0	242.9	231.0	222.5	227.8	222.7	211.5	218.8	203.0	214.5	206.5	197.5	200.0	189.1	192.2

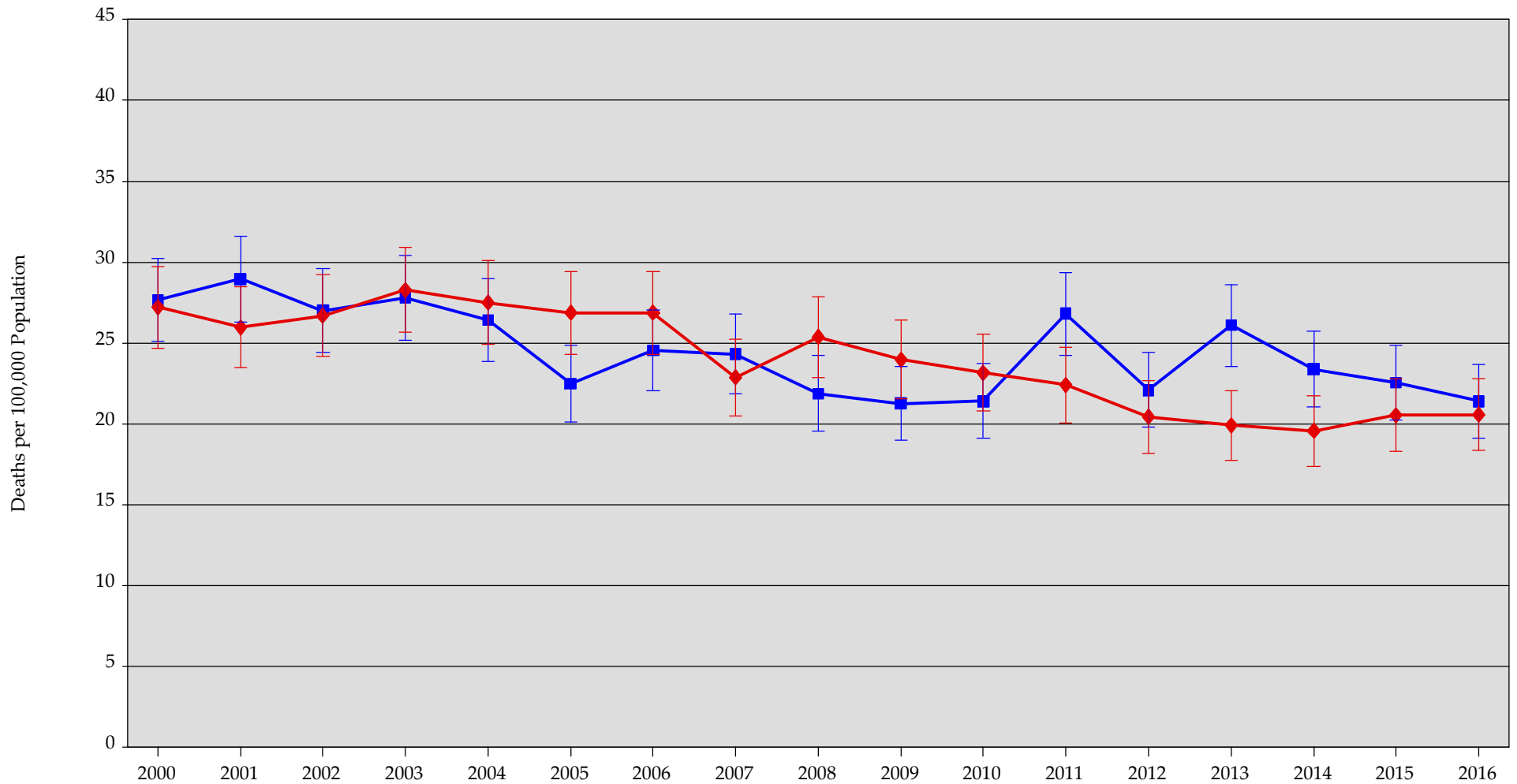
# Mortality Trends, 2000 - 2016

Figure M7D  
Cerebrovascular: Philadelphia, 2000 - 2016  
Age-Adjusted Mortality Rates with 95% Confidence Intervals



# Mortality Trends, 2000 - 2016

Figure M7E  
Diabetes, and Kidney: Philadelphia, 2000 - 2016  
Age-Adjusted Mortality Rates with 95% Confidence Intervals

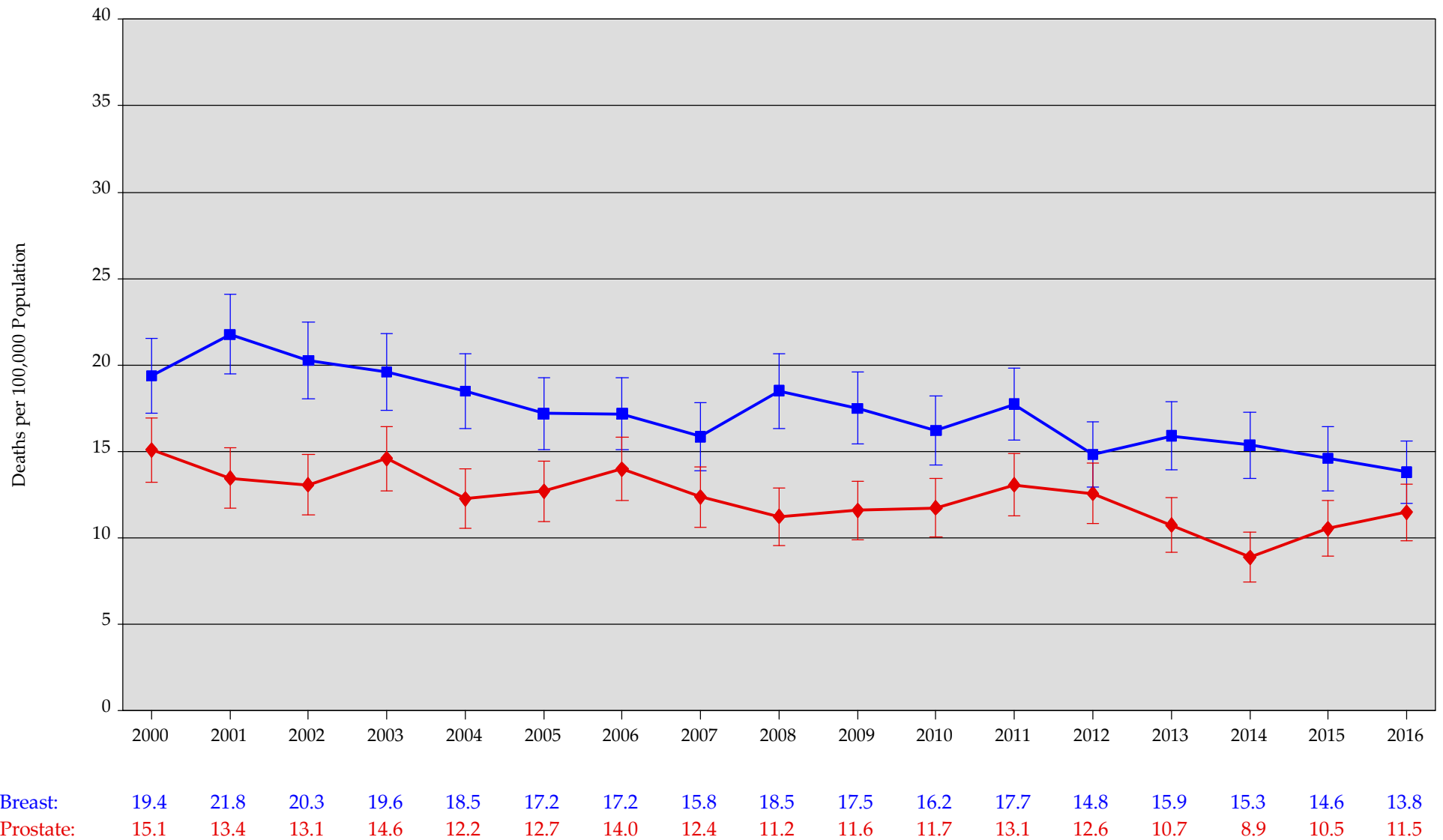


Diabetes:	27.7	28.9	27.0	27.8	26.4	22.5	24.5	24.3	21.9	21.3	21.4	26.8	22.1	26.1	23.4	22.6	21.4
Kidney:	27.2	26.0	26.7	28.3	27.5	26.9	26.9	22.9	25.4	24.0	23.2	22.4	20.4	19.9	19.5	20.5	20.6



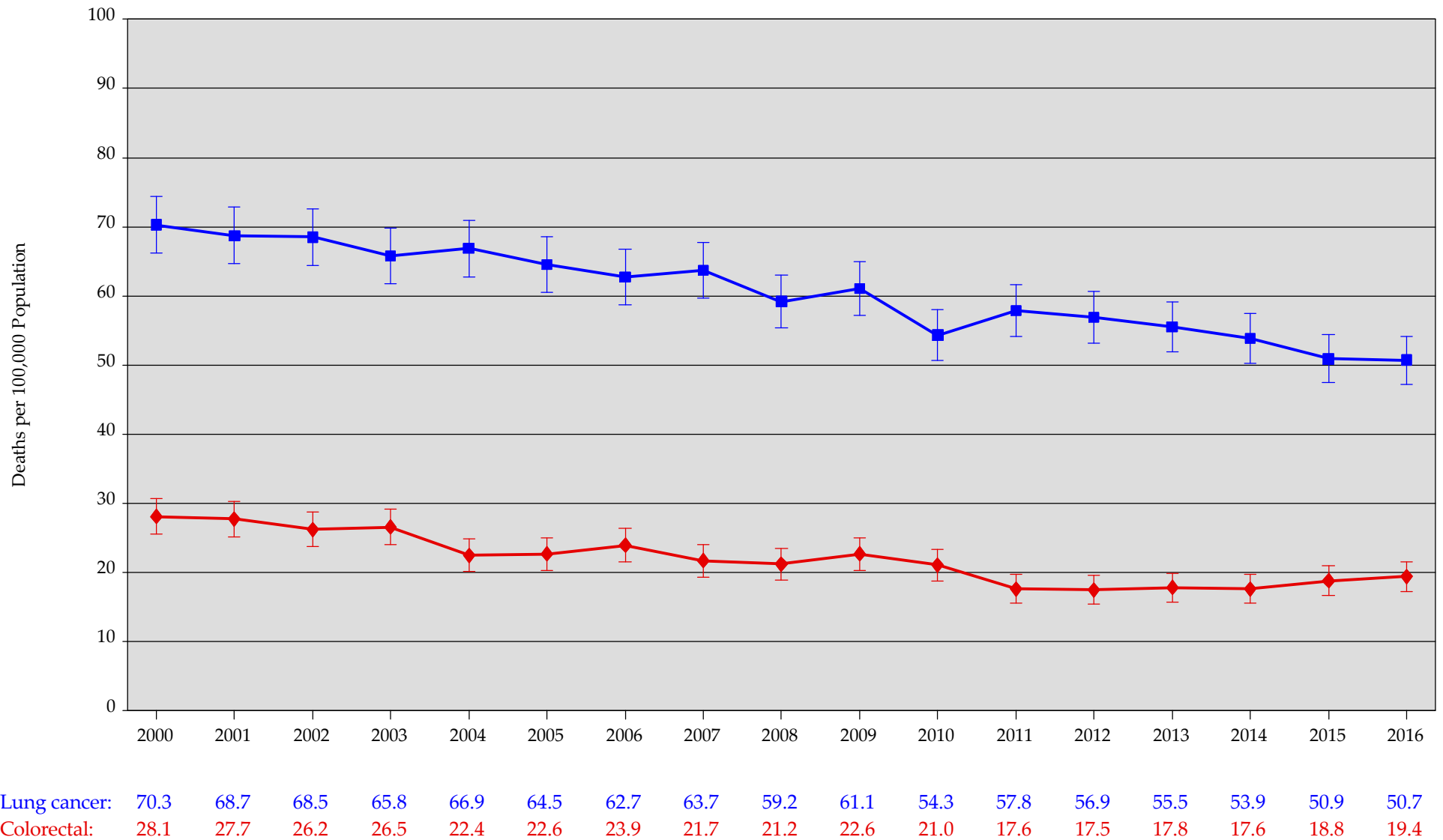
# Mortality Trends, 2000 - 2016

Figure M7F  
Breast, and Prostate cancer: Philadelphia, 2000 - 2016  
Age-Adjusted Mortality Rates with 95% Confidence Intervals



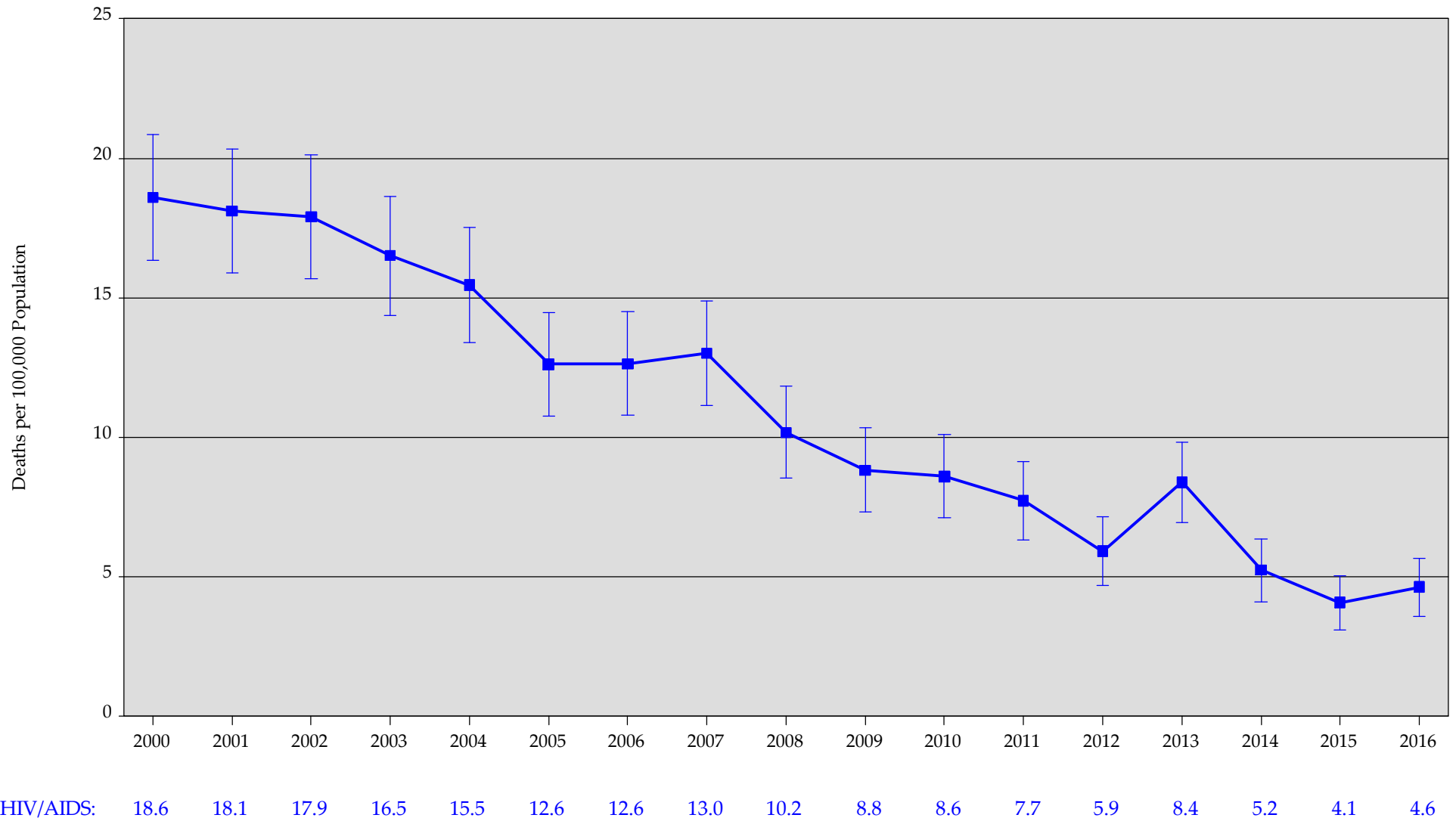
# Mortality Trends, 2000 - 2016

Figure M7G  
Lung, and Colorectal cancer: Philadelphia, 2000 - 2016  
Age-Adjusted Mortality Rates with 95% Confidence Intervals



# Mortality Trends, 2000 - 2016

Figure M7H  
HIV / AIDS: Philadelphia, 2000 - 2016  
Age-Adjusted Mortality Rates with 95% Confidence Intervals

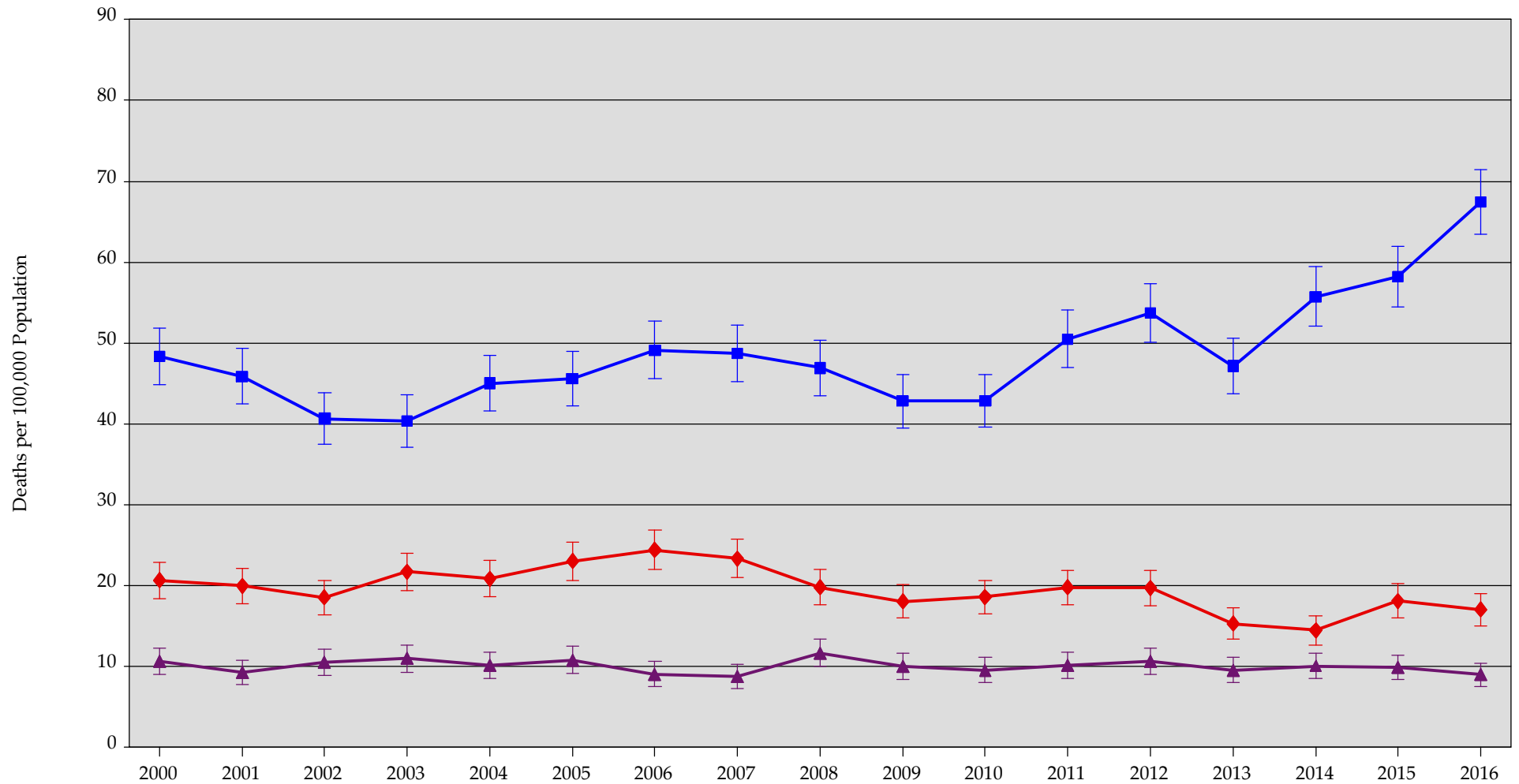


# Mortality Trends, 2000 - 2016

Figure M7I

Accidents (Unintentional Injuries), Assault (homicide) and Intentional Self-Harm (Suicides): Philadelphia, 2000 - 2016

Age-Adjusted Mortality Rates with 95% Confidence Intervals



Accidents:	48.3	45.9	40.6	40.4	45.0	45.6	49.1	48.7	46.9	42.8	42.9	50.5	53.7	47.1	55.7	58.2	67.4
Homicide:	20.6	19.9	18.5	21.7	20.8	23.0	24.4	23.3	19.8	18.0	18.5	19.7	19.7	15.3	14.4	18.1	17.0
Suicides:	10.6	9.2	10.5	10.9	10.1	10.8	9.0	8.7	11.7	10.0	9.5	10.1	10.7	9.5	10.0	9.9	8.9

# Specified Causes of Death

Table M8A  
Specified Causes of Death by Race/Ethnicity: Philadelphia, 2016

Age-Adjusted Rates: Both Sexes

Cause of Death	Rank	White, Non-Hispanic	Black, Non-Hispanic	Asian, Non-Hispanic	Hispanic	All Race/Ethnicities
Leading Causes of Death						
Diseases of heart (I00-I09, I11, I13, I20-I51)	1	196.7	258.9	82.1	146.0	215.3
Malignant neoplasms (C00-C97)	2	181.4	218.6	129.4	116.9	192.2
Accidents (unintentional injuries) (V01-X59, Y85-Y86)	3	88.8	55.5		69.3	67.4
Cerebrovascular diseases (I60-I69)	4	35.9	50.9	29.4	32.2	42.1
Chronic lower respiratory diseases (J40-J47)	5	41.4	33.1			34.8
Septicemia (A40-A41)	6	18.2	27.8		17.1	22.1
Diabetes mellitus (E10-E14)	7	17.2	26.9		24.9	21.4
Nephritis, nephrotic syndrome and nephrosis (N00-N07, N17-N19, N25-N27)	8	13.9	27.1		21.6	20.6
Assault (homicide) (U01-U02, X85-Y09, Y87.1)	9		34.7		12.6	17.0
Influenza and pneumonia (J09-J18)	10	15.8	15.2			15.4
All causes		831.6	1,001.8	409.6	692.7	877.7
Other Causes of Special Interest						
Malignant neoplasm of breast (C50)		12.1	18.9			13.8
Malignant neoplasms of trachea, bronchus and lung (C33-C34)		52.1	55.2	31.9	19.9	50.7
Malignant neoplasms of colon, rectum and anus (C18-C21)		16.9	22.5	13.9	18.3	19.4
Malignant neoplasm of prostate (C61)		6.5	18.6			11.5
Intentional self-harm (suicide) (U03, X60-X84, Y87.0)		14.2	5.8			8.9
Human immunodeficiency virus (HIV) disease (B20-B24)			7.6			4.6
Infant mortality per 1,000 live births <sup>1</sup>		4.5	13.2	5.0	7.7	8.7

Rates are expressed per 100,000 population using the estimated populations shown in Figure P2. Values have not been shown when there are fewer than 20 deaths.

The rankings have been based on the values for both sexes.

<sup>1</sup> This row may include some deaths analyzed in previous rows.

# Specified Causes of Death

Table M8A  
Specified Causes of Death by Race/Ethnicity: Philadelphia, 2016

Age-Adjusted Rates: Males

Cause of Death	Rank	White, Non-Hispanic	Black, Non-Hispanic	Asian, Non-Hispanic	Hispanic	All Race/Ethnicities
Leading Causes of Death						
Diseases of heart (I00-I09, I11, I13, I20-I51)	1	250.2	346.3	106.3	222.0	278.9
Malignant neoplasms (C00-C97)	2	225.5	270.5	172.9	136.3	237.6
Accidents (unintentional injuries) (V01-X59, Y85-Y86)	3	116.8	82.3		113.1	96.9
Cerebrovascular diseases (I60-I69)	4	37.5	49.0			43.2
Chronic lower respiratory diseases (J40-J47)	5	43.2	35.2			37.4
Septicemia (A40-A41)	6	21.9	31.4			25.1
Diabetes mellitus (E10-E14)	7	20.6	34.6			26.4
Nephritis, nephrotic syndrome and nephrosis (N00-N07, N17-N19, N25-N27)	8	18.6	35.6			25.9
Assault (homicide) (U01-U02, X85-Y09, Y87.1)	9		69.7		23.9	31.9
Influenza and pneumonia (J09-J18)	10	19.2	18.8			19.3
All causes		1,005.7	1,273.6	531.8	934.7	1,086.4
Other Causes of Special Interest						
Malignant neoplasm of breast (C50)						
Malignant neoplasms of trachea, bronchus and lung (C33-C34)		62.9	67.0			62.8
Malignant neoplasms of colon, rectum and anus (C18-C21)		19.8	26.6	12.9	15.6	22.0
Malignant neoplasm of prostate (C61)		17.1	53.5			30.5
Intentional self-harm (suicide) (U03, X60-X84, Y87.0)		22.7	8.8			14.4
Human immunodeficiency virus (HIV) disease (B20-B24)			12.3			6.8
Infant mortality per 1,000 live births <sup>1</sup>		6.9	16.5	3.6	7.9	10.6

Rates are expressed per 100,000 population using the estimated populations shown in Figure P2. Values have not been shown when there are fewer than 20 deaths.

The rankings have been based on the values for both sexes.

<sup>1</sup> This row may include some deaths analyzed in previous rows.

# Specified Causes of Death

Table M8A  
Specified Causes of Death by Race/Ethnicity: Philadelphia, 2016

Age-Adjusted Rates: Females

Cause of Death	Rank	White, Non-Hispanic	Black, Non-Hispanic	Asian, Non-Hispanic	Hispanic	All Race/Ethnicities
Leading Causes of Death						
Diseases of heart (I00-I09, I11, I13, I20-I51)	1	155.6	203.7	62.7	96.9	170.6
Malignant neoplasms (C00-C97)	2	151.6	189.5	96.6	100.0	163.4
Accidents (unintentional injuries) (V01-X59, Y85-Y86)	3	61.5	35.3		30.8	42.2
Cerebrovascular diseases (I60-I69)	4	34.1	51.1			40.9
Chronic lower respiratory diseases (J40-J47)	5	41.0	32.0			33.6
Septicemia (A40-A41)	6	15.5	25.4			20.0
Diabetes mellitus (E10-E14)	7	14.5	21.4			17.5
Nephritis, nephrotic syndrome and nephrosis (N00-N07, N17-N19, N25-N27)	8	10.8	22.7			17.3
Assault (homicide) (U01-U02, X85-Y09, Y87.1)	9					2.8
Influenza and pneumonia (J09-J18)	10	12.8	12.9			12.6
All causes		689.5	817.5	315.3	509.8	721.7
Other Causes of Special Interest						
Malignant neoplasm of breast (C50)		21.8	30.3			23.6
Malignant neoplasms of trachea, bronchus and lung (C33-C34)		44.8	47.8			42.8
Malignant neoplasms of colon, rectum and anus (C18-C21)		14.1	19.5	14.7	19.7	17.2
Malignant neoplasm of prostate (C61)						
Intentional self-harm (suicide) (U03, X60-X84, Y87.0)		6.0				4.4
Human immunodeficiency virus (HIV) disease (B20-B24)						2.8
Infant mortality per 1,000 live births <sup>1</sup>		2.1	9.8	6.6	7.4	6.8

Rates are expressed per 100,000 population using the estimated populations shown in Figure P2. Values have not been shown when there are fewer than 20 deaths.

The rankings have been based on the values for both sexes.

<sup>1</sup> This row may include some deaths analyzed in previous rows.

# Specified Causes of Death

Table M8B  
Specified Causes of Death by Race/Ethnicity: Philadelphia, 2016

Years of Potential Life Lost to Age 75: Both Sexes

Cause of Death	Rank	White, Non-Hispanic	Black, Non-Hispanic	Asian, Non-Hispanic	Hispanic	All Race/Ethnicities
<b>Leading Causes of Death</b>						
Accidents (unintentional injuries) (V01-X59, Y85-Y86)	1	14,032	9,480	368	4,403	29,000
Diseases of heart (I00-I09, I11, I13, I20-I51)	2	7,443	14,711	469	1,435	24,659
Malignant neoplasms (C00-C97)	3	8,014	12,514	1,012	2,074	24,229
Assault (homicide) (U01-U02, X85-Y09, Y87.1)	4	567	10,436	21	1,579	12,704
Cerebrovascular diseases (I60-I69)	5	807	1,816	109	207	3,130
Septicemia (A40-A41)	6	853	1,546	18	360	2,842
Chronic lower respiratory diseases (J40-J47)	7	1,272	1,366	62	62	2,786
Diabetes mellitus (E10-E14)	8	661	1,774	18	238	2,738
Nephritis, nephrotic syndrome and nephrosis (N00-N07, N17-N19, N25-N27)	9	292	1,050	31	218	1,649
Influenza and pneumonia (J09-J18)	10	332	900	36	99	1,433
All causes		45,745	78,566	3,414	15,800	147,225
<b>Other Causes of Special Interest</b>						
Malignant neoplasm of breast (C50)		760	1,218		202	2,238
Malignant neoplasms of trachea, bronchus and lung (C33-C34)		2,093	2,796	170	239	5,444
Malignant neoplasms of colon, rectum and anus (C18-C21)		625	1,319	129	274	2,390
Malignant neoplasm of prostate (C61)		128	537	14	33	736
Intentional self-harm (suicide) (U03, X60-X84, Y87.0)		2,201	1,331	226	290	4,143
Human immunodeficiency virus (HIV) disease (B20-B24)		184	1,250		244	1,678
Infant mortality per 1,000 live births <sup>1</sup>		1,950	8,700	600	2,250	14,025

The values reflect the total years of potential life lost for the people who died before age 75, not age-adjusted.

The rankings have been based on the values for both sexes.

<sup>1</sup> This row may include some deaths analyzed in previous rows.



# Specified Causes of Death

Table M8B  
Specified Causes of Death by Race/Ethnicity: Philadelphia, 2016

Years of Potential Life Lost to Age 75: Males

Cause of Death	Rank	White, Non-Hispanic	Black, Non-Hispanic	Asian, Non-Hispanic	Hispanic	All Race/Ethnicities
Leading Causes of Death						
Accidents (unintentional injuries) (V01-X59, Y85-Y86)	1	9,521	6,262	304	3,502	20,071
Diseases of heart (I00-I09, I11, I13, I20-I51)	2	5,001	9,116	360	968	15,812
Malignant neoplasms (C00-C97)	3	4,275	6,099	583	1,026	12,390
Assault (homicide) (U01-U02, X85-Y09, Y87.1)	4	391	9,850		1,551	11,893
Cerebrovascular diseases (I60-I69)	5	481	874	47	73	1,590
Septicemia (A40-A41)	6	439	778	4	152	1,409
Chronic lower respiratory diseases (J40-J47)	7	580	623	55	31	1,289
Diabetes mellitus (E10-E14)	8	357	1,170	11	144	1,707
Nephritis, nephrotic syndrome and nephrosis (N00-N07, N17-N19, N25-N27)	9	161	543	31	74	867
Influenza and pneumonia (J09-J18)	10	243	500	36	48	850
All causes		29,251	49,333	2,188	10,760	93,751
Other Causes of Special Interest						
Malignant neoplasm of breast (C50)		8	19			27
Malignant neoplasms of trachea, bronchus and lung (C33-C34)		1,060	1,473	76	178	2,910
Malignant neoplasms of colon, rectum and anus (C18-C21)		399	766	36	141	1,351
Malignant neoplasm of prostate (C61)		128	537	14	33	736
Intentional self-harm (suicide) (U03, X60-X84, Y87.0)		1,693	881	112	207	2,974
Human immunodeficiency virus (HIV) disease (B20-B24)		96	914		112	1,122
Infant mortality per 1,000 live births <sup>1</sup>		1,500	5,550	225	1,200	8,700

The values reflect the total years of potential life lost for the people who died before age 75, not age-adjusted.

The rankings have been based on the values for both sexes.

<sup>1</sup> This row may include some deaths analyzed in previous rows.

# Specified Causes of Death

Table M8B  
Specified Causes of Death by Race/Ethnicity: Philadelphia, 2016

Years of Potential Life Lost to Age 75: Females

Cause of Death	Rank	White, Non-Hispanic	Black, Non-Hispanic	Asian, Non-Hispanic	Hispanic	All Race/Ethnicities
Leading Causes of Death						
Accidents (unintentional injuries) (V01-X59, Y85-Y86)	1	4,511	3,218	64	901	8,929
Diseases of heart (I00-I09, I11, I13, I20-I51)	2	2,442	5,595	109	467	8,847
Malignant neoplasms (C00-C97)	3	3,739	6,415	429	1,048	11,839
Assault (homicide) (U01-U02, X85-Y09, Y87.1)	4	176	586	21	28	811
Cerebrovascular diseases (I60-I69)	5	326	942	62	134	1,540
Septicemia (A40-A41)	6	414	768	14	208	1,433
Chronic lower respiratory diseases (J40-J47)	7	692	743	7	31	1,497
Diabetes mellitus (E10-E14)	8	304	604	7	94	1,031
Nephritis, nephrotic syndrome and nephrosis (N00-N07, N17-N19, N25-N27)	9	131	507		144	782
Influenza and pneumonia (J09-J18)	10	89	400		51	583
All causes		16,494	29,233	1,226	5,040	53,474
Other Causes of Special Interest						
Malignant neoplasm of breast (C50)		752	1,199		202	2,211
Malignant neoplasms of trachea, bronchus and lung (C33-C34)		1,033	1,323	94	61	2,534
Malignant neoplasms of colon, rectum and anus (C18-C21)		226	553	93	133	1,039
Malignant neoplasm of prostate (C61)						
Intentional self-harm (suicide) (U03, X60-X84, Y87.0)		508	450	114	83	1,169
Human immunodeficiency virus (HIV) disease (B20-B24)		88	336		132	556
Infant mortality per 1,000 live births <sup>1</sup>		450	3,150	375	1,050	5,325

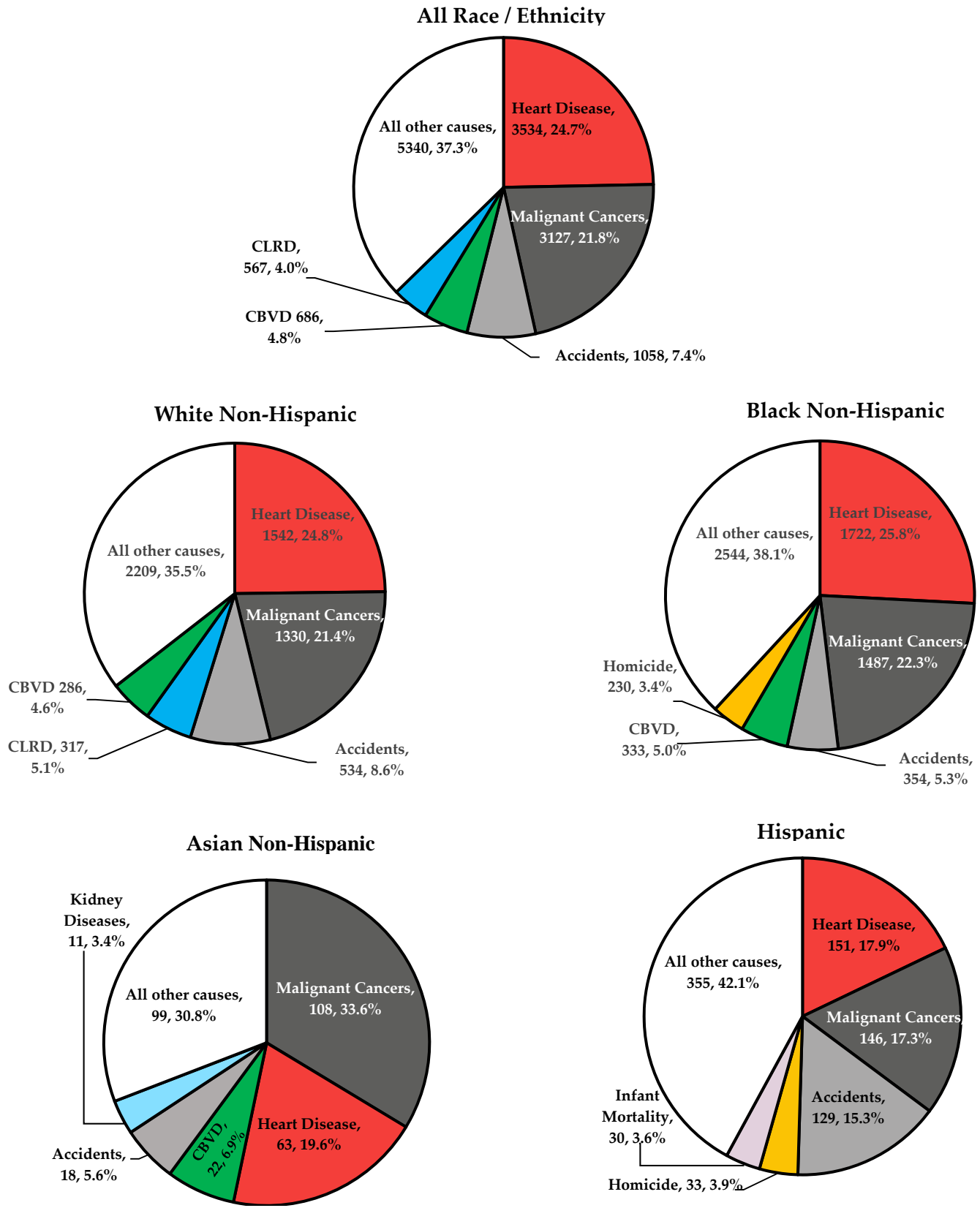
The values reflect the total years of potential life lost for the people who died before age 75, not age-adjusted.

The rankings have been based on the values for both sexes.

<sup>1</sup> This row may include some deaths analyzed in previous rows.

## Specified Causes of Death

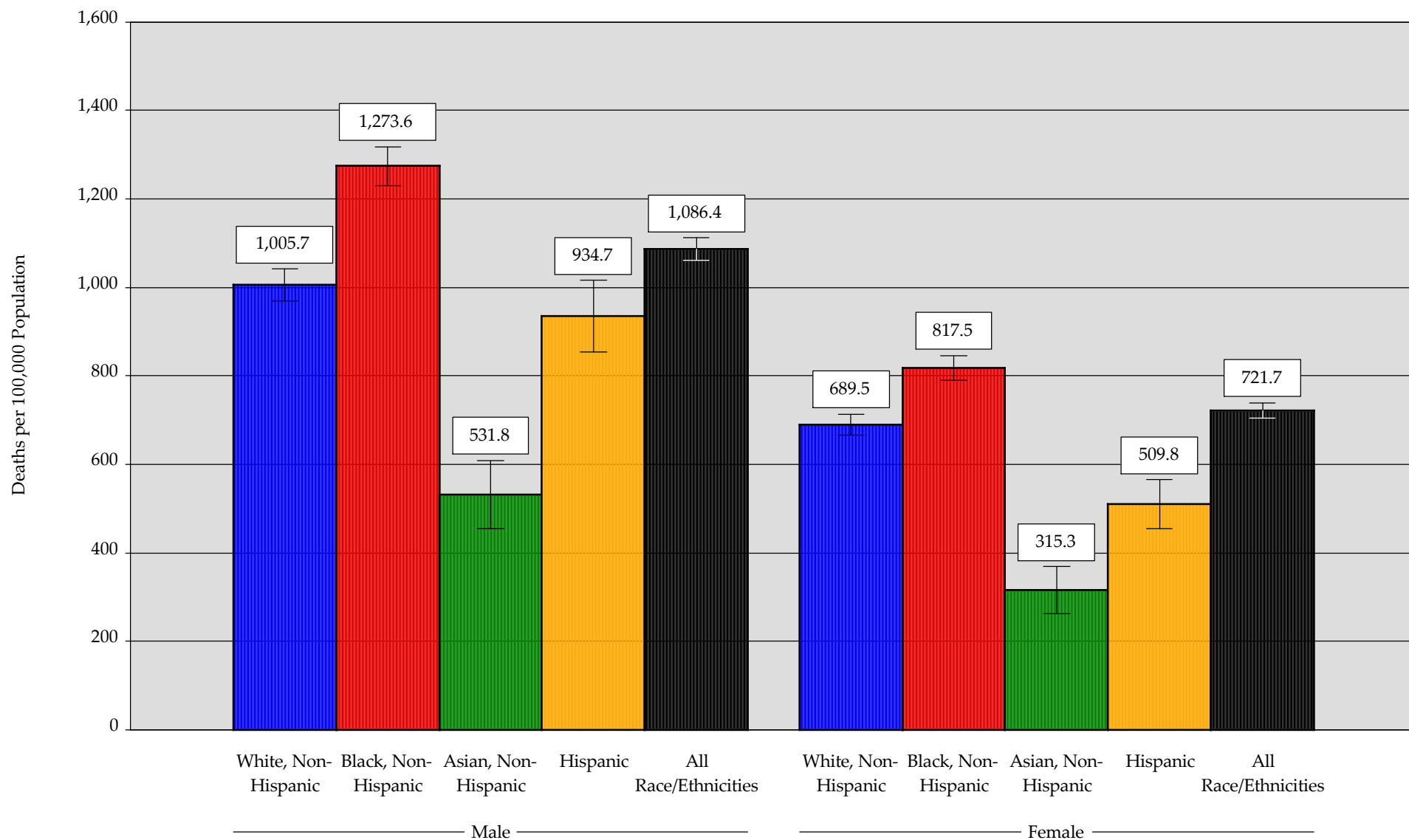
**Figure M8. Top 5 Leading Causes of Death by Race / Ethnicities: Philadelphia, 2016**



Notes: CBVD = Cerebrovascular Diseases; CLRD = Chronic Lower Respiratory Diseases;

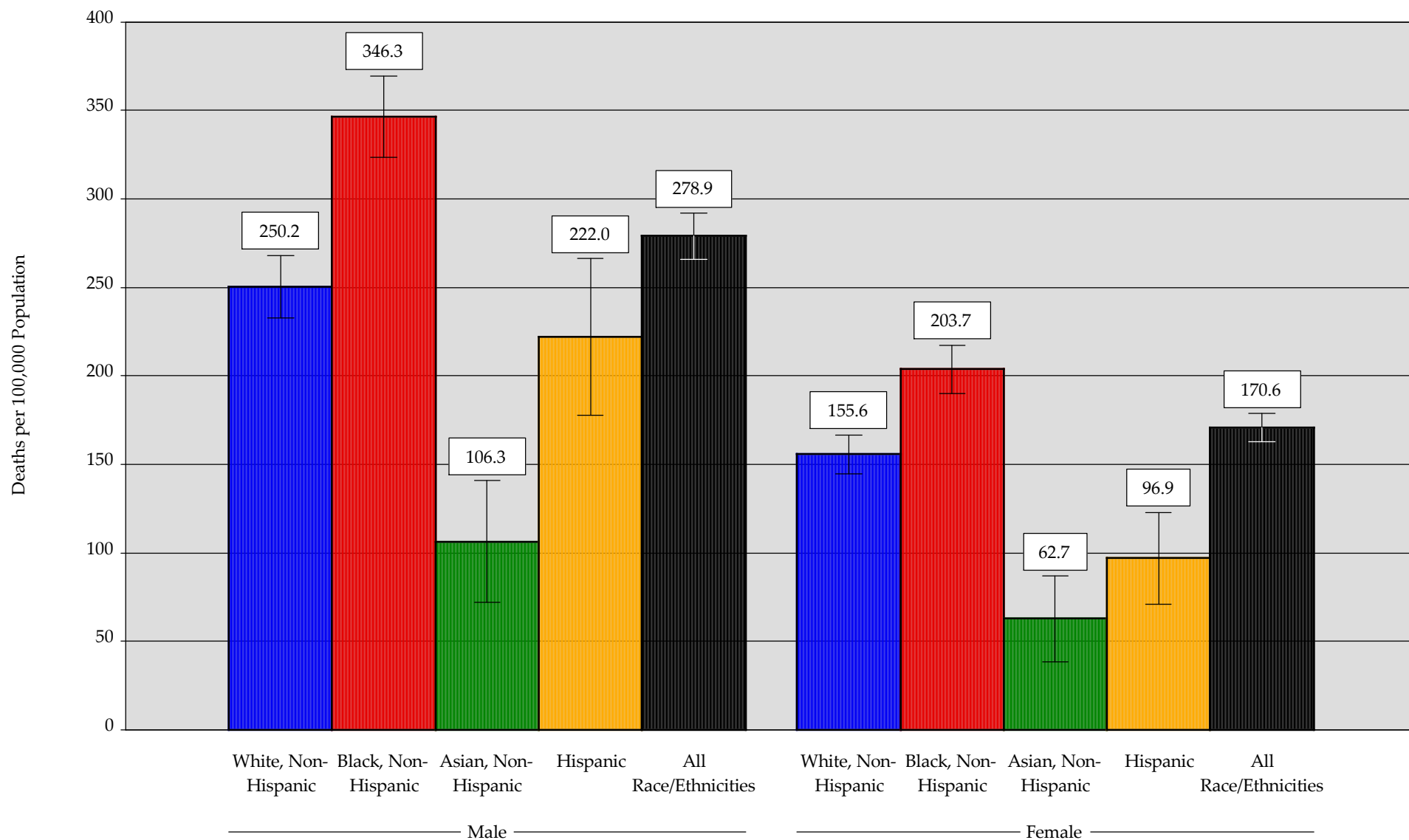
# Mortality Rates by Race/Ethnicity and Gender

Figure M9A  
All Causes of Death: Philadelphia, 2016  
Age-Adjusted Mortality Rates with 95% Confidence Intervals



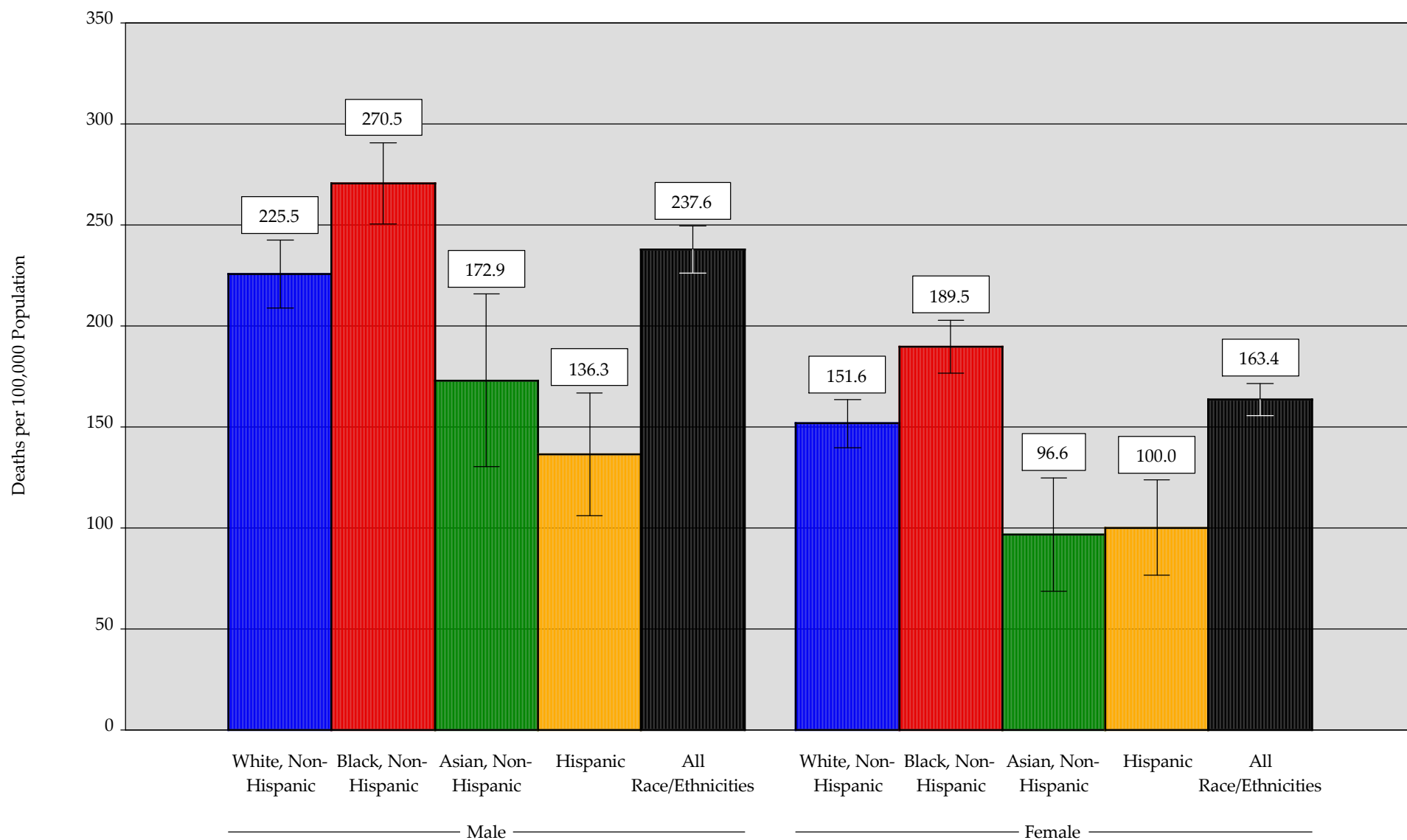
# Mortality Rates by Race/Ethnicity and Gender

Figure M9B  
Heart Disease: Philadelphia, 2016  
Age-Adjusted Mortality Rates with 95% Confidence Intervals



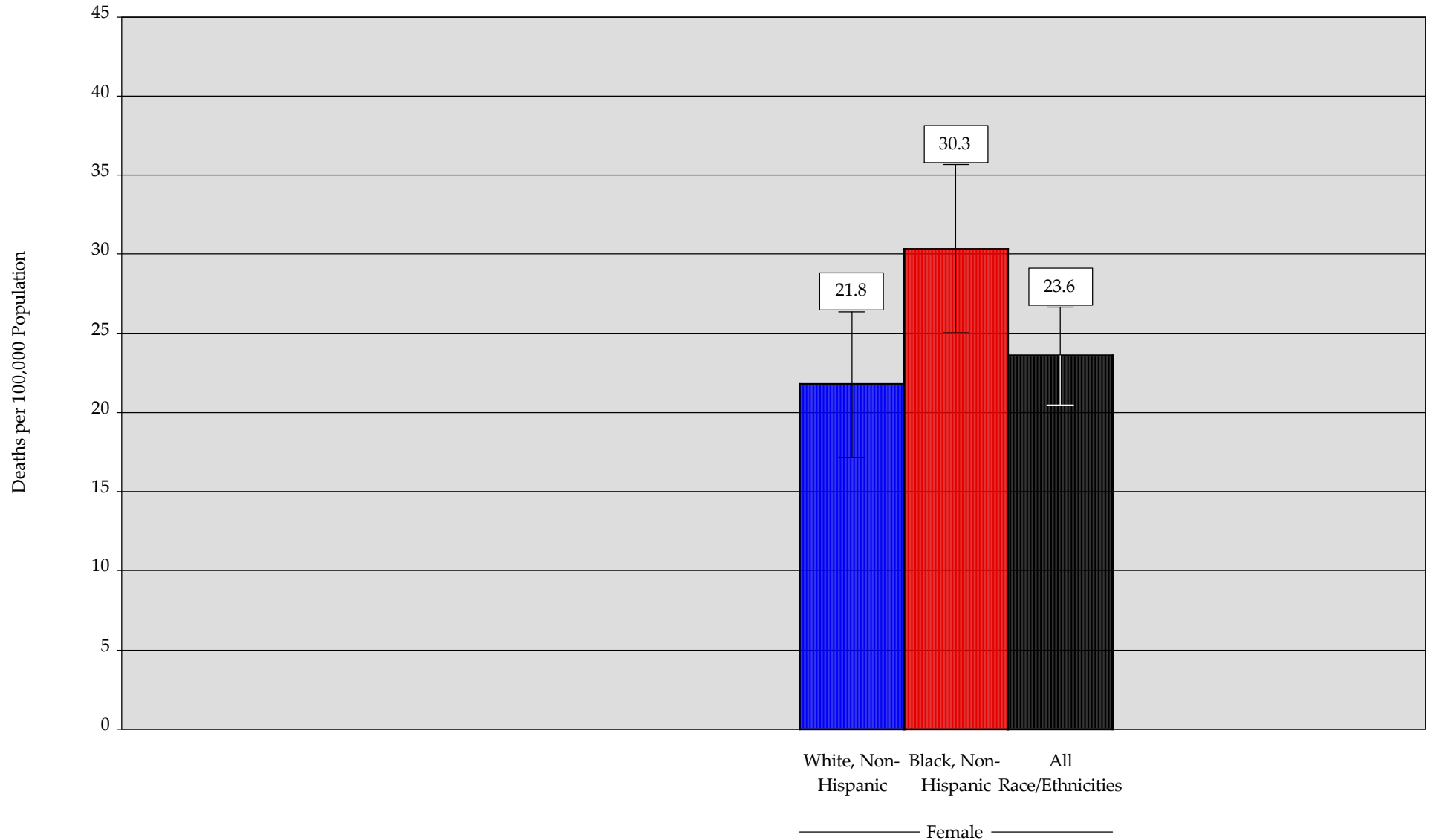
# Mortality Rates by Race/Ethnicity and Gender

Figure M9C  
All Cancers: Philadelphia, 2016  
Age-Adjusted Mortality Rates with 95% Confidence Intervals



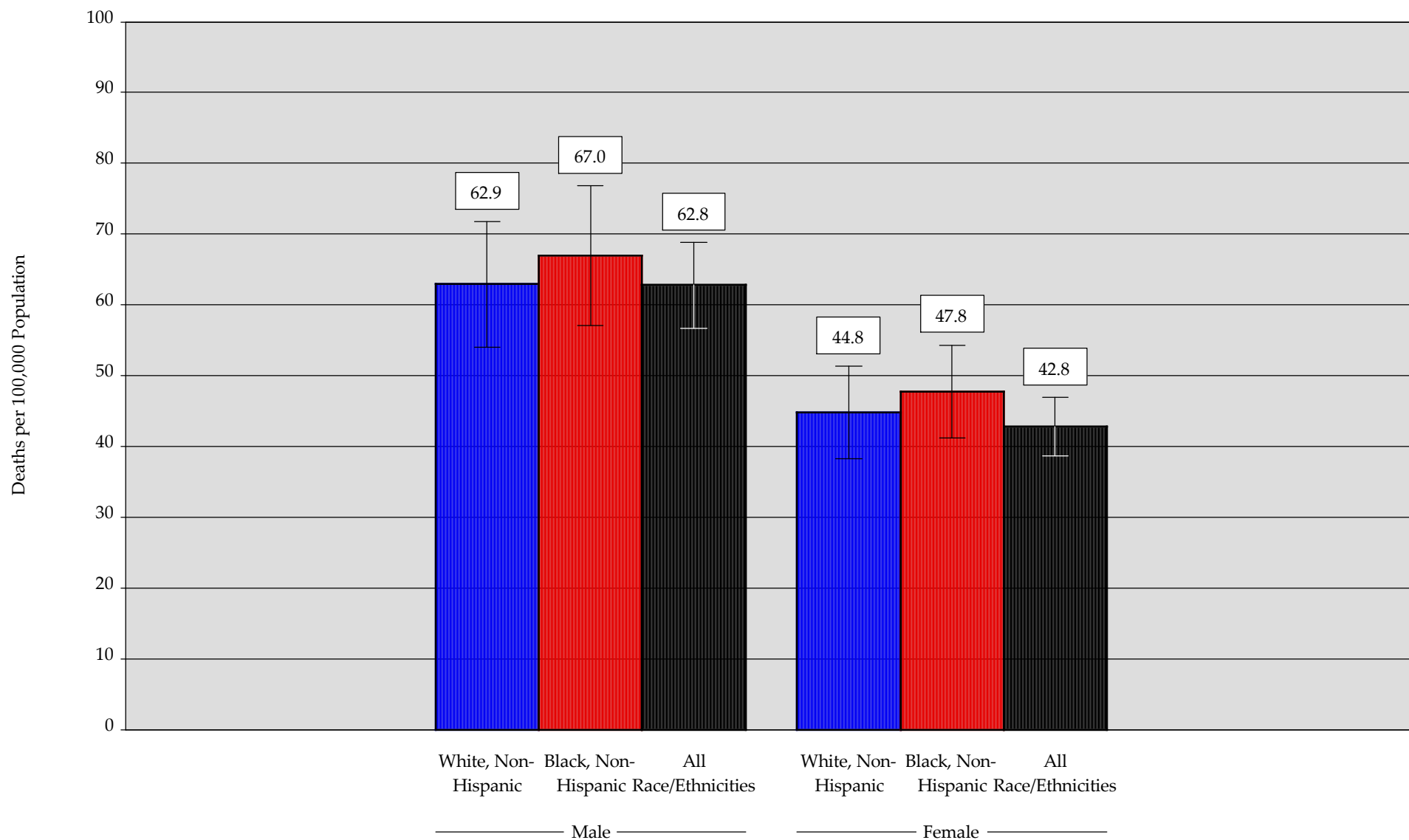
# Mortality Rates by Race/Ethnicity and Gender

Figure M9D  
Breast Cancer: Philadelphia, 2016  
Age-Adjusted Mortality Rates with 95% Confidence Intervals



# Mortality Rates by Race/Ethnicity and Gender

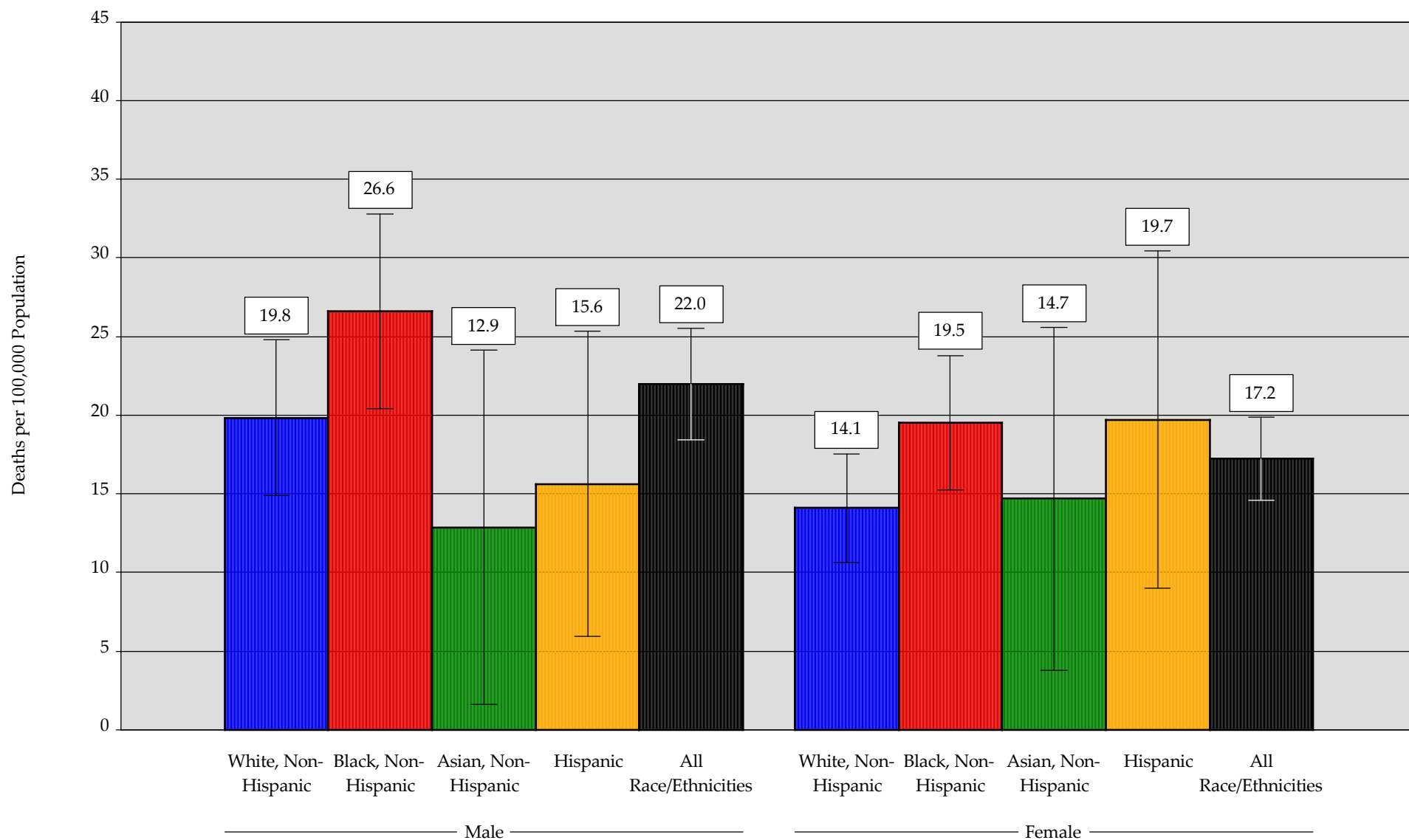
Figure M9 E  
Lung Cancer: Philadelphia, 2016  
Age-Adjusted Mortality Rates with 95% Confidence Intervals





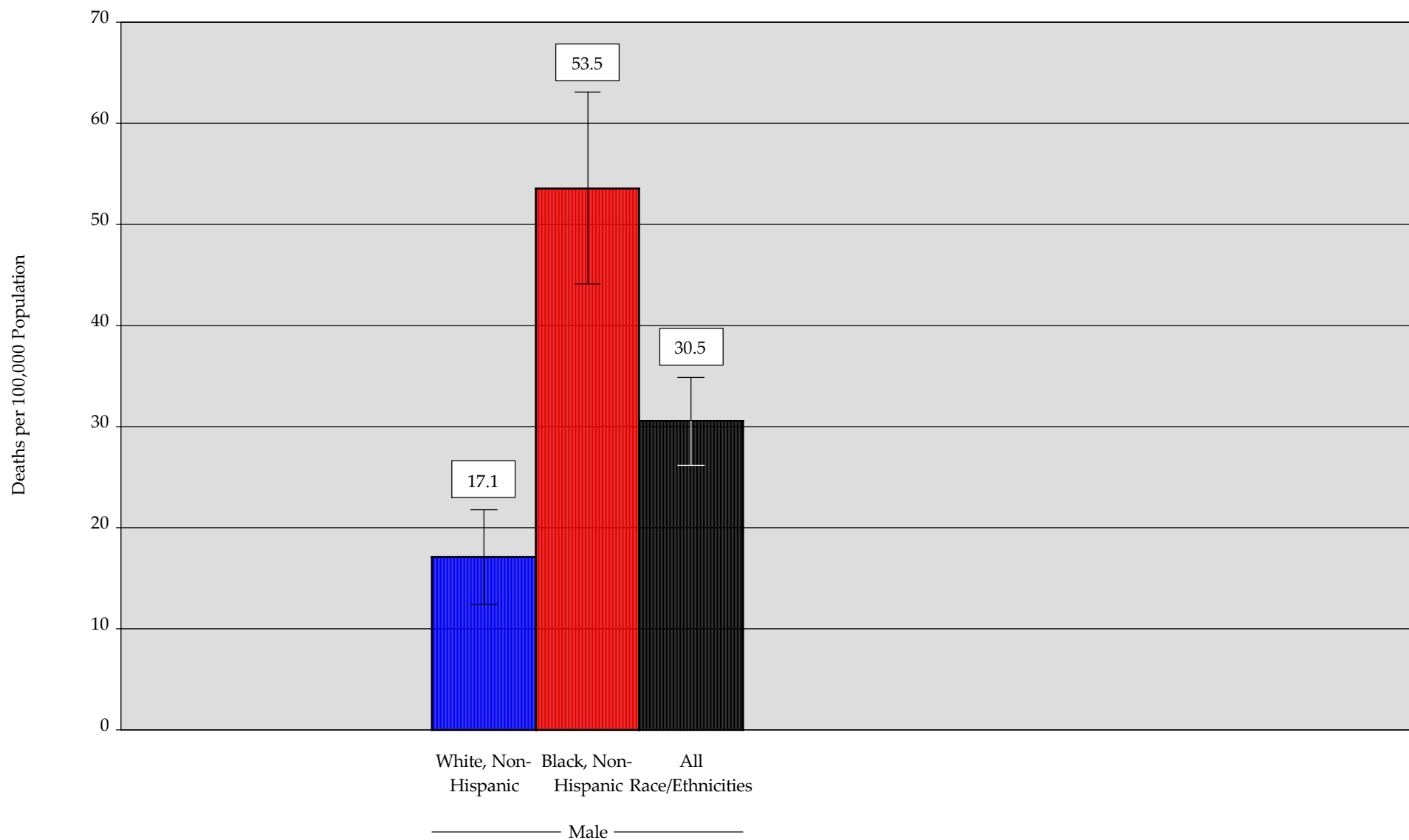
# Mortality Rates by Race/Ethnicity and Gender

Figure M9F  
Colorectal: Philadelphia, 2016  
Age-Adjusted Mortality Rates with 95% Confidence Intervals



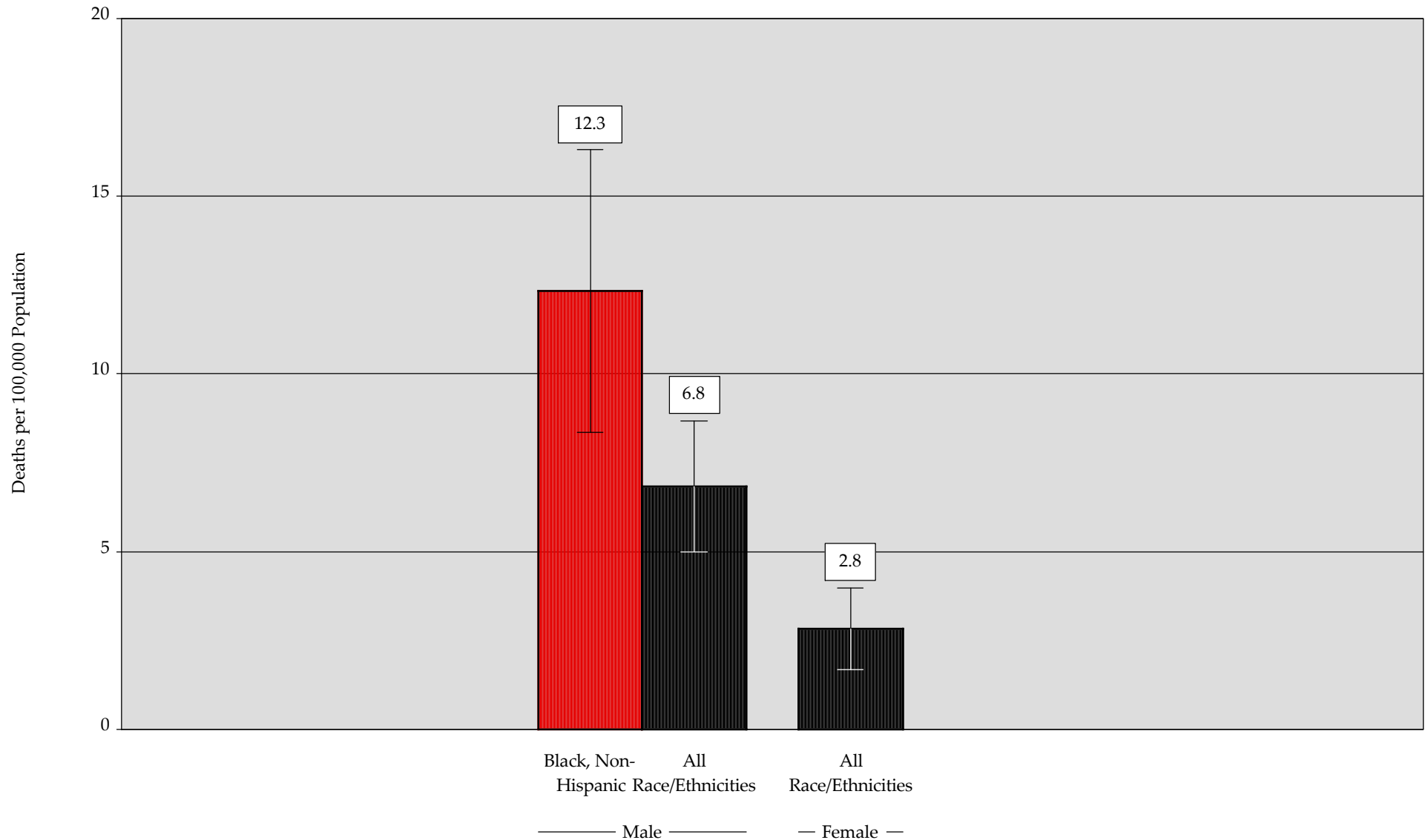
# Mortality Rates by Race/Ethnicity and Gender

Figure M9G  
Prostate Cancer: Philadelphia, 2016  
Age-Adjusted Mortality Rates with 95% Confidence Intervals



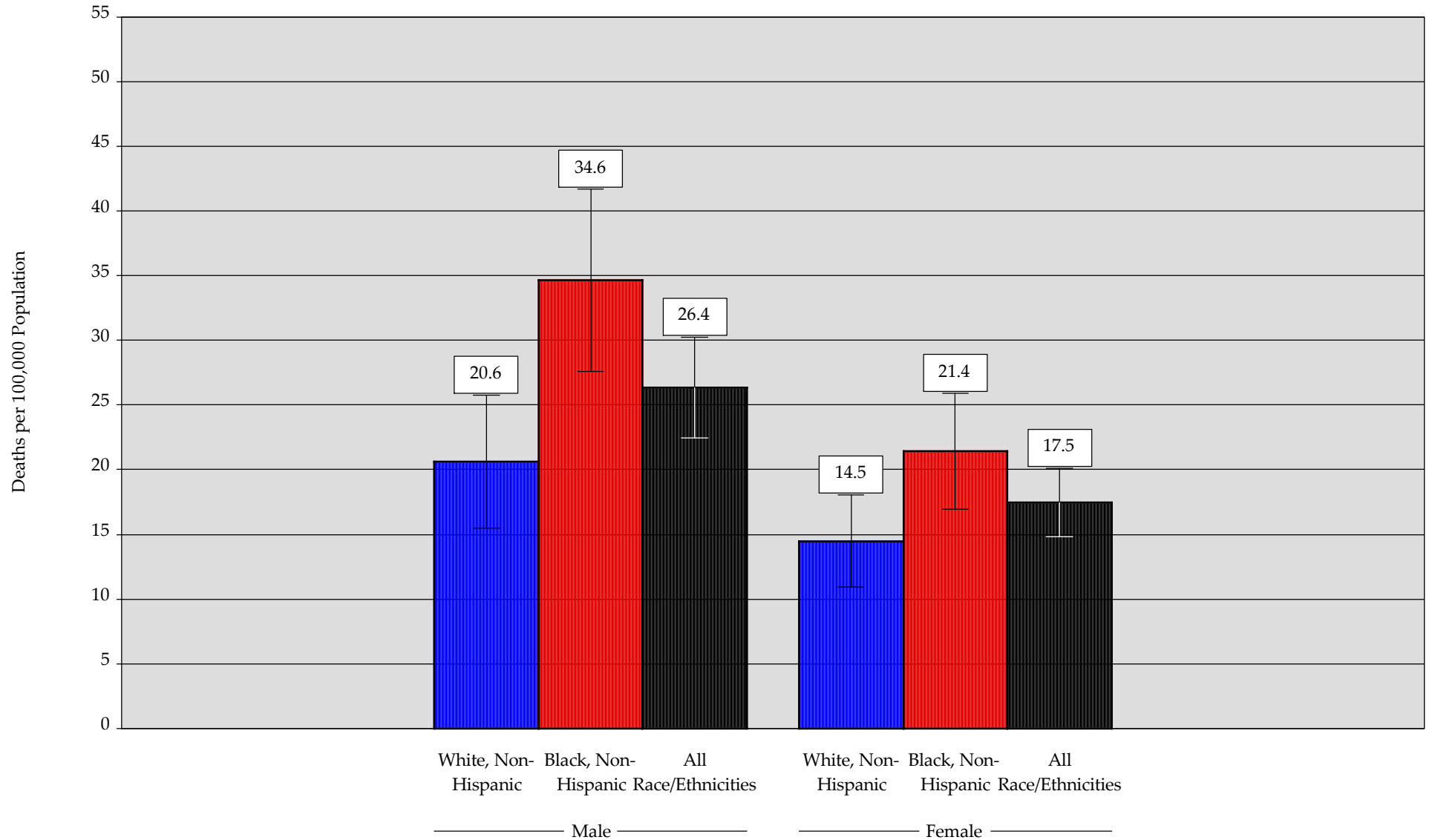
# Mortality Rates by Race/Ethnicity and Gender

Figure M9H  
HIV / AIDS: Philadelphia, 2016  
Age-Adjusted Mortality Rates with 95% Confidence Intervals



# Mortality Rates by Race/Ethnicity and Gender

Figure M9I  
Diabetes: Philadelphia, 2016  
Age-Adjusted Mortality Rates with 95% Confidence Intervals

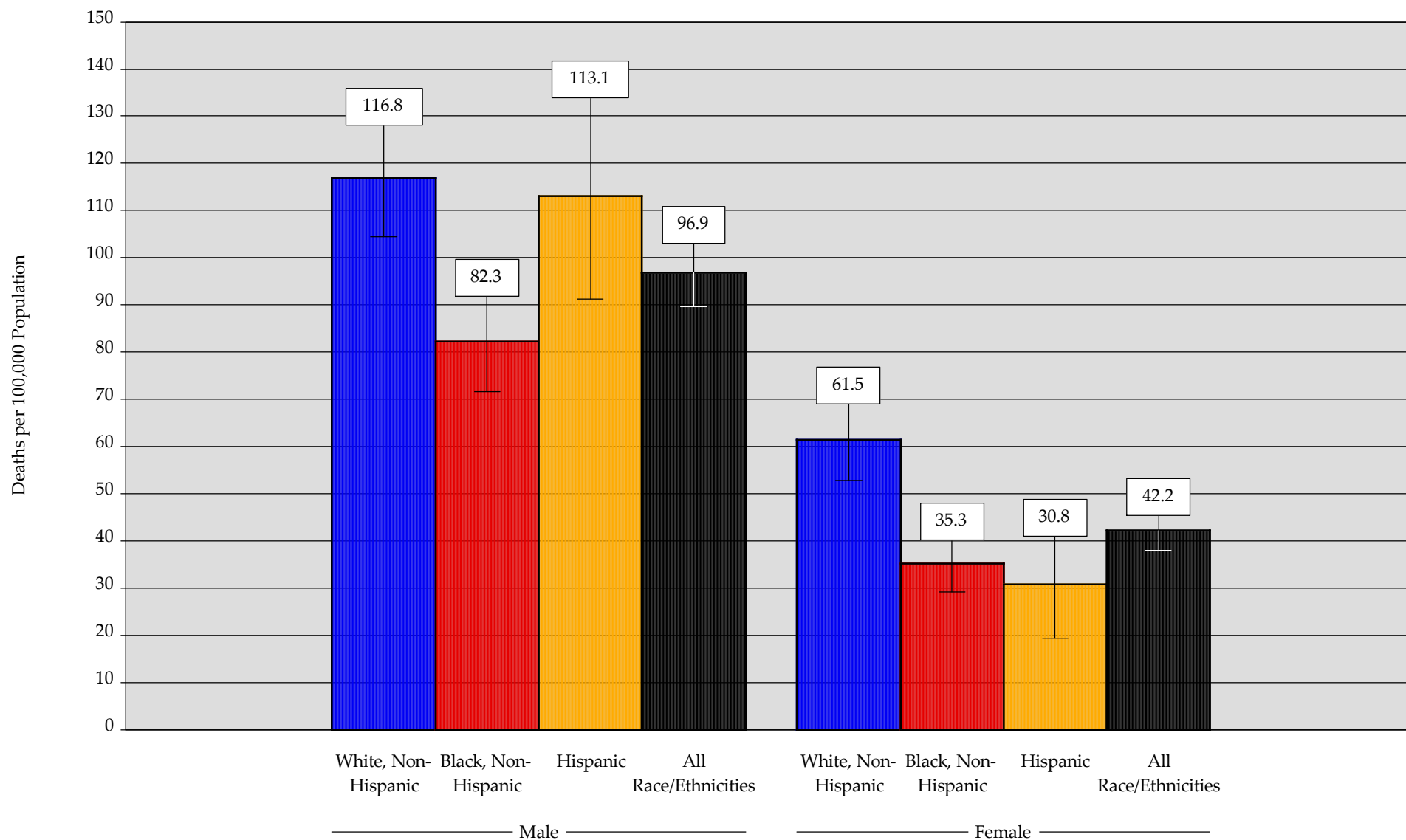


# Mortality Rates by Race/Ethnicity and Gender

Figure M9J

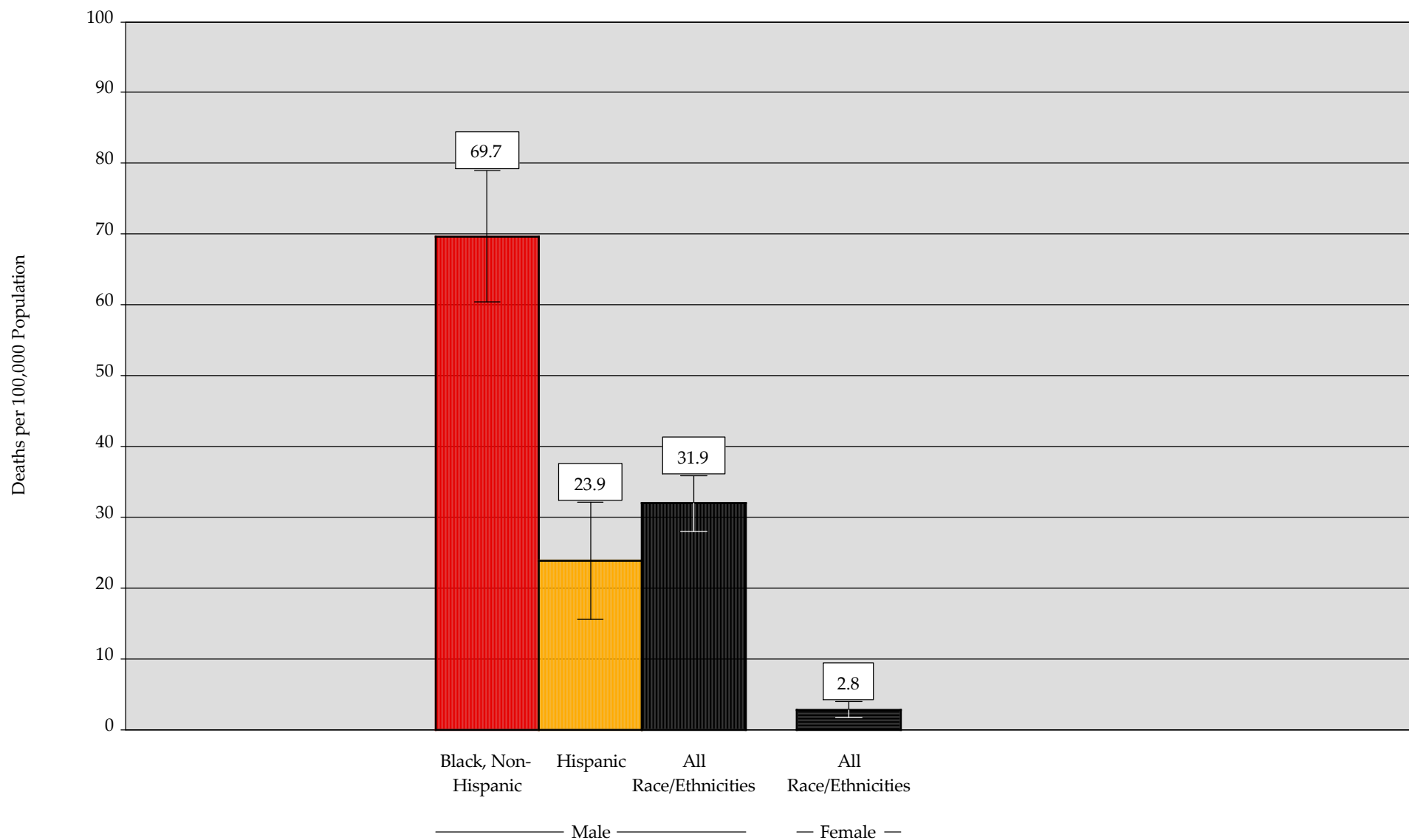
Accidents (Unintentional Injuries): Philadelphia, 2016

Age-Adjusted Mortality Rates with 95% Confidence Intervals



# Mortality Rates by Race/Ethnicity and Gender

Figure M9K  
Assaults (Homicides): Philadelphia, 2016  
Age-Adjusted Mortality Rates with 95% Confidence Intervals

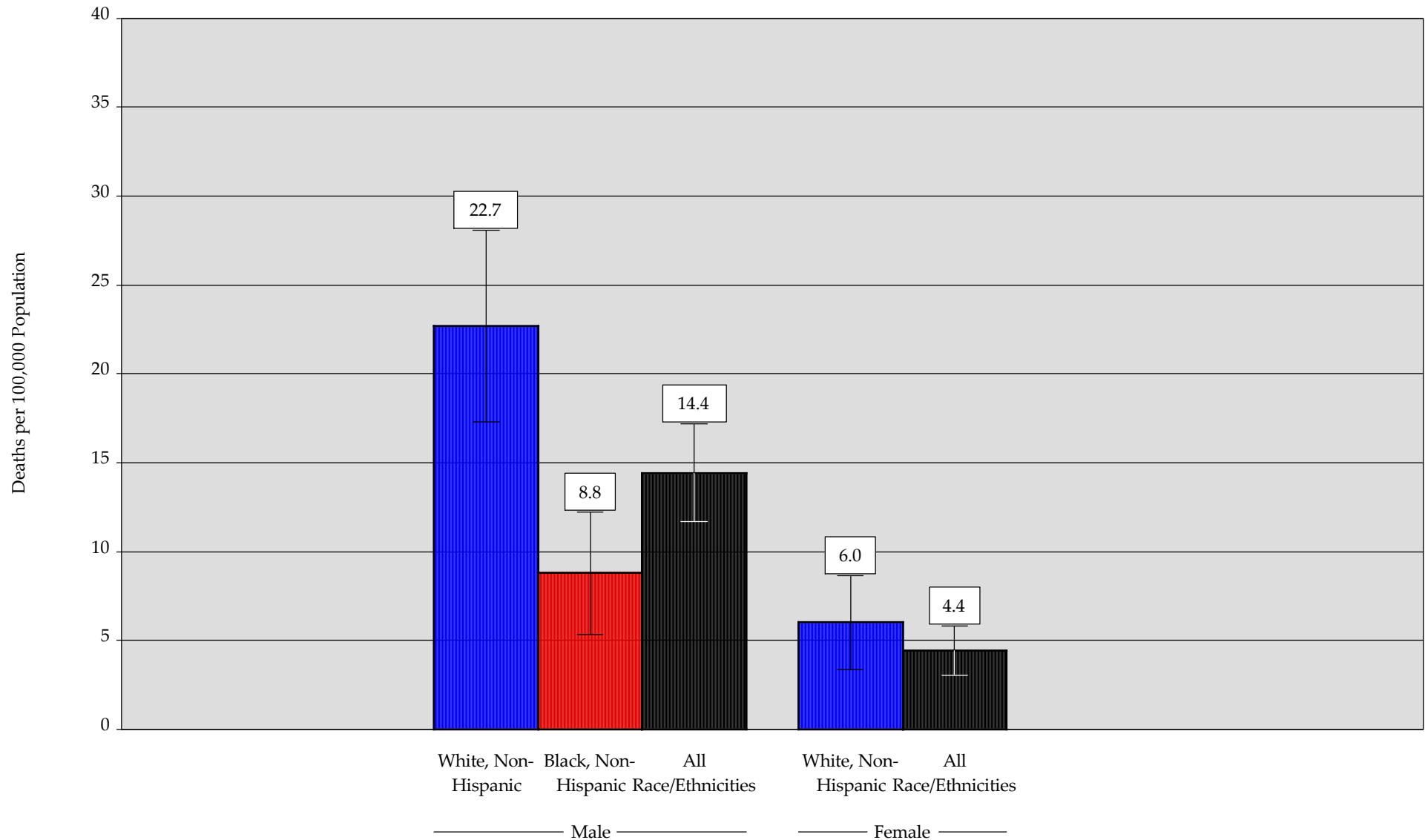


# Mortality Rates by Race/Ethnicity and Gender

Figure M9L

Intentional Self-Harm (Suicides): Philadelphia, 2016

Age-Adjusted Mortality Rates with 95% Confidence Intervals



# Manner of Death

Table M9  
Manner of Death by Descending Count: Philadelphia, 2016

Manner of Death	Count	Percent
Natural	12,689	88.6%
Accident	1,060	7.4%
Homicide	288	2.0%
Suicide	145	1.0%
Pending	84	0.6%
Undetermined	47	0.3%
Not provided	1	0.0%
Total	14,314	100.0%



# Youth and Young Adult Homicides

**Table M10A**  
**Youth and Young Adult Homicides by Gender, Age, and Race/Ethnicity**  
**Philadelphia, 2016**

	10 to 14	15 to 19	20 to 24	All
All Males	2	28	66	96
White, Non-Hispanic	1	0	2	3
Black, Non-Hispanic	1	23	56	80
Asian, Non-Hispanic	0	0	0	0
Hispanic	0	5	8	13
All Females	0	2	1	3
Black, Non-Hispanic	0	2	1	3
Asian, Non-Hispanic	0	0	0	0

**Table M10B**  
**Youth and Young Adult Homicides Ages 10-24**  
**By Specific Cause of Death: Philadelphia, 2016**

Cause of Death	Count	Percent
Firearm discharge	92	92.9%
Sharp object	6	6.1%
Other unspecified means or sequelae of assault	1	1.0%
Total	99	100.0%

# Child Injury Deaths

Table M11A  
Child Injury Deaths by Specific Cause of Death: Philadelphia: 2016

Cause of Death	1-4 Years	5-14 Years	All
Motor vehicle accidents	3	2	5
Accidental discharge of firearms	1	0	1
Accidental drowning and submersion	0	2	2
Accidental exposure to smoke, fire and flames	2	3	5
Accidental poisoning and exposure to noxious substances	0	1	1
Other and unspecified nontransport accidents and their sequelae	0	1	1
All other causes	23	21	44
Total	29	30	59

# Accidents (Unintentional Injuries)

Table M11B  
Accidents (Unintentional Injuries)  
By Subcategory: Philadelphia, 2000 - 2016

Subcategory	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016
Transport accidents																	
Motor vehicle accidents <sup>1</sup>	115	142	127	137	123	103	124	136	110	104	108	108	109	113	105	98	108
Other land transport accidents <sup>2</sup>	26	17	4	5	4	4	2	4	6	7	7	7	5	6	2	5	6
Water, air and space, and other and unspecified transport accidents and their sequelae (V90-V99, Y85)	2	1	4	4	2	2	2	3	4	4	3	4	7	5	1	5	1
Nontransport accidents																	
Falls (W00-W19)	82	70	75	77	113	104	79	113	84	89	111	119	123	119	131	150	136
Accidental discharge of firearms (W32-W34)	7	2	2	2	2	1	3	2	2	2	2	2	14	4	8		2
Accidental drowning and submersion (W65-W74)	12	12	8	6	9	10	7	11	10	11	8	14	10	13	13	11	12
Accidental exposure to smoke, fire and flames (X00-X09)	41	38	20	35	37	42	37	43	31	24	28	29	24	20	19	12	20
Accidental poisoning and exposure to noxious substances (X40-X49)	338	283	267	235	288	341	388	326	356	327	308	398	438	381	494	551	693
Other and unspecified nontransport accidents and their sequelae (W20-W31, W35-W64, W75-W99, X10-X39, X50-X59, Y86)	106	124	102	102	91	78	86	102	103	74	86	100	110	84	108	94	86
All accidents	729	689	609	603	669	685	728	740	706	642	661	781	840	745	881	926	1,064

<sup>1</sup> (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)

<sup>2</sup> (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)

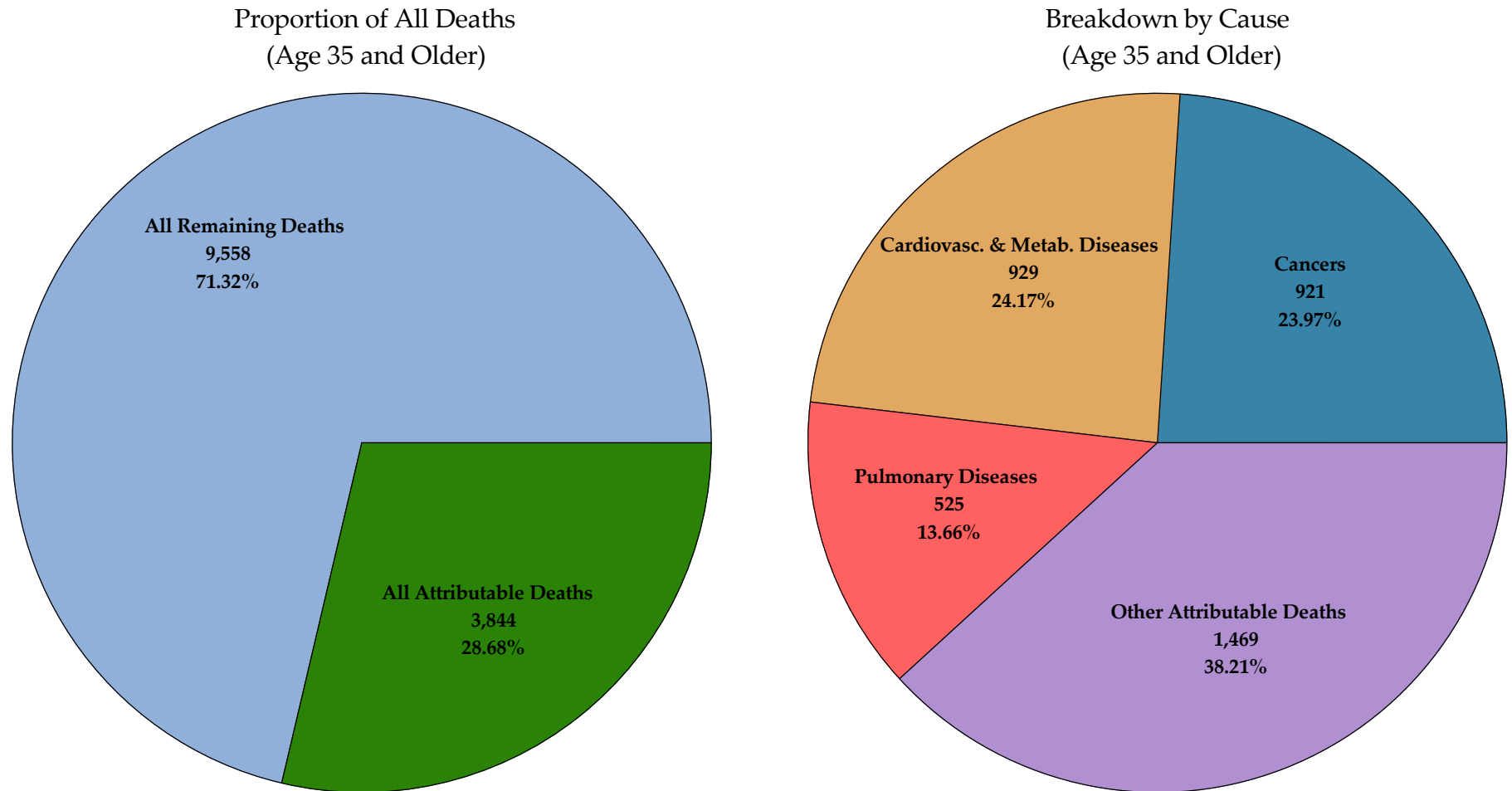
# Accidents (Unintentional Injuries)

Table M11C  
Accidental Poisonings by and Exposures to Noxious Substances  
By Substance: Philadelphia, 2000 - 2016

Substance	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016
Nonopioid analgesics, antipyretics, and antirheumatics (X40)	1	1	2	1	1	0	0	5	3	1	1	2	2	4	5	3	0
Antiepileptic, sedative-hypnotic, antiparkinsonism, and psychotropic drugs, not elsewhere classified (X41)	1	0	1	0	1	1	0	3	3	0	3	2	5	2	3	8	2
Narcotics and psychodysleptics [hallucinogens], not elsewhere classified (X42)	26	12	12	6	12	18	20	19	65	37	37	47	40	35	59	32	23
Other drugs acting on the autonomic nervous system (X43)		0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	1
Other and unspecified drugs, medicaments, and biological substances (X44)	305	265	243	226	268	320	364	293	277	276	259	339	380	335	418	502	663
Alcohol (X45)		1	1	1	3	0	0	6	3	7	7	2	7	1	5	2	1
Organic solvents and halogenated by hydrocarbons and their vapors (X46)		0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0
Other gases and vapors (X47)	5	3	6	0	3	1	3	0	4	6	1	5	4	4	1	3	3
Other and unspecified chemicals and noxious substances (X49)		1	2	0	0	0	1	0	1	0	0	1	0	0	3	1	0
All poisonings and exposures	338	283	267	235	288	341	388	326	356	327	308	398	438	381	494	551	693

# Smoking-Attributable Mortality

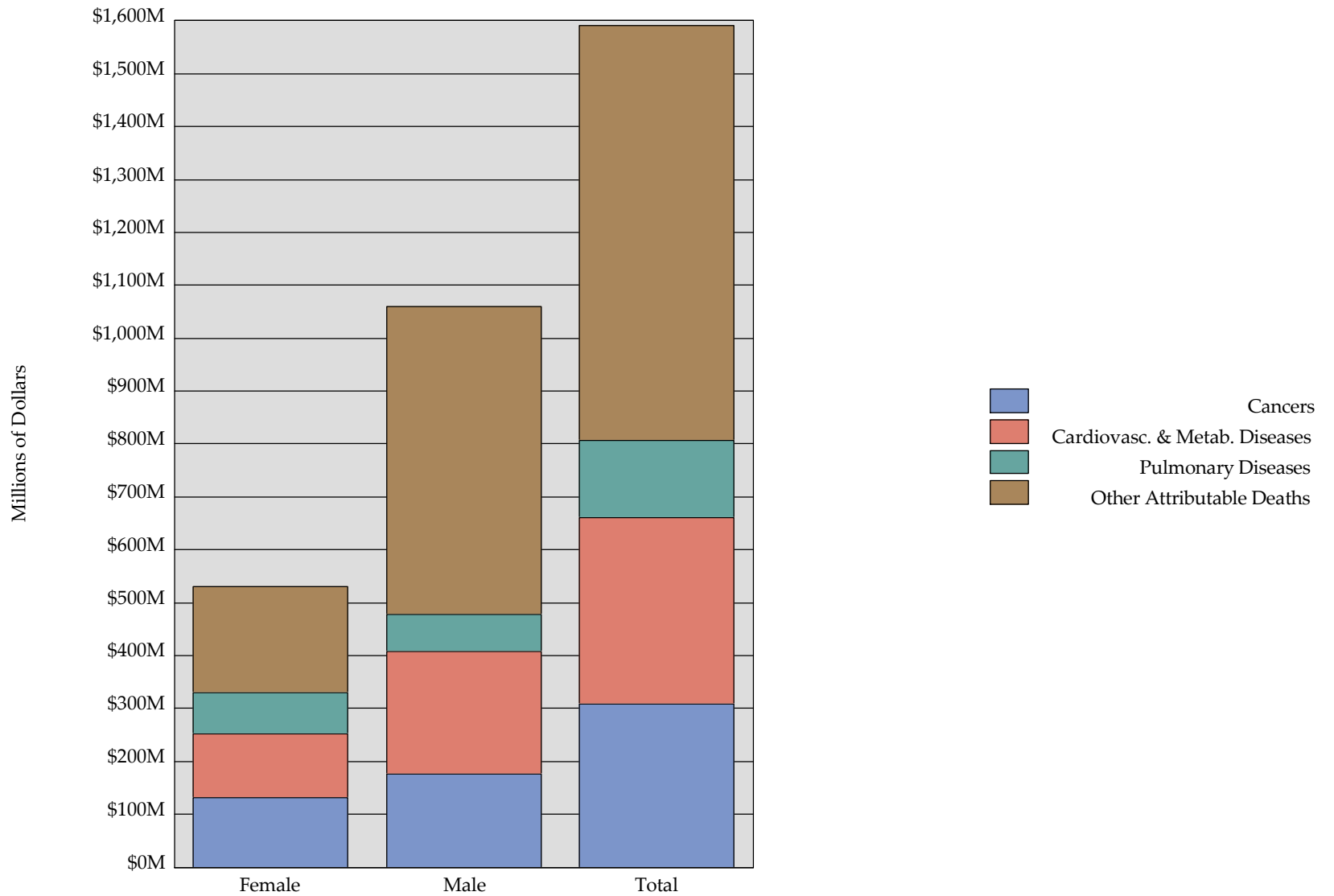
Figure M10A  
Smoking Attributable Deaths: Philadelphia, 2016



In addition to the adult deaths shown above there were 5 infant deaths attributed to maternal smoking.

# Smoking-Attributable Mortality

Figure M10B  
Smoking-Attributable Productivity Losses  
Philadelphia, 2016



The results do not include deaths due to second-hand smoke, burns, or infant mortality.

# Smoking-Attributable Mortality

**Table M12A**  
Smoking-Attributable Mortality Age-Adjusted Rate: Philadelphia, 2006 - 2016

Diseases	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016
Cancers	130.6	132.7	126.5	130.9	116.4	124.1	119.7	115.9	113.9	108.9	110.5
Cardiovascular and Metabolic Diseases	136.1	133.4	132.0	124.2	117.4	114.0	105.7	109.7	107.7	106.9	115.4
Pulmonary Diseases	67.4	68.5	69.4	74.1	62.8	70.4	72.9	70.7	65.0	72.7	65.1
All Causes	491.5	487.8	510.3	505.9	463.6	486.6	471.2	464.0	468.3	469.0	476.6

**Table M12B**  
Smoking-Attributable Mortality by Race/Ethnicity: Philadelphia, 2016

Diseases	White, Non-Hispanic		Black, Non-Hispanic		Asian, Non-Hispanic		Hispanic		All Race/Ethnicities	
	N	Rate	N	Rate	N	Rate	N	Rate	N	Rate
Cancers	398	106.0	439	125.7			30	47.1	921	110.5
Cardiovascular and Metabolic Diseases	353	98.1	513	153.3			38	64.1	929	115.4
Pulmonary Diseases	280	75.0	214	63.6					525	65.1
All Causes	1,528	426.8	1,996	593.3	42	83.2	188	308.6	3,844	476.6

Rates are adjusted for age and expressed as per 100,000 population. Groups with missing data either had fewer than 20 relevant deaths or too few respondents to determine smoking prevalence. Philadelphia city specific Smoking-Attributable Mortality (SAM) rates were estimated using SAMMEC methodology. Refer details in Technical Notes.

# Alcohol-Attributable Mortality

Table M13  
Average Annual Alcohol-Attributable Mortality by Race/Ethnicity and Age  
Philadelphia, 2010 - 2016

	All	White, Non-Hispanic	Black, Non-Hispanic	Asian, Non-Hispanic	Hispanic
All Ages					
Age-Adjusted Rate of Alcohol-Attributable Deaths <sup>1</sup>	64.6	64.7	73.1	23.3	51.0
Total Alcohol-Attributable Deaths	1000.1	402.7	466.7	22.4	85.4
Total Deaths	19,635	8,984	8,891	363	1,025
Total Alcohol-Attributable Deaths(%) <sup>2</sup>	5.1%	4.5%	5.2%	6.2%	8.3%
0-14 Years Old					
Total Alcohol-Attributable Deaths	2.8	0.2	1.9	0.1	0.5
Total Deaths	355	49	231	11	47
Total Alcohol-Attributable Deaths(%) <sup>2</sup>	0.8%	0.5%	0.8%	0.9%	1.1%
15-19 Years Old					
Total Alcohol-Attributable Deaths	28.0	2.5	20.6	0.4	3.9
Total Deaths	90	11	59	2	13
Total Alcohol-Attributable Deaths(%) <sup>2</sup>	31.3%	21.6%	34.9%	15.3%	29.3%
20-24 Years Old					
Total Alcohol-Attributable Deaths	73.7	12.2	49.2	1.2	8.7
Total Deaths	231	48	141	6	29
Total Alcohol-Attributable Deaths(%) <sup>2</sup>	31.9%	25.2%	35.0%	20.6%	29.5%
25-34 Years Old					
Total Alcohol-Attributable Deaths	131.8	42.0	65.8	2.0	18.5
Total Deaths	526	178	248	11	73
Total Alcohol-Attributable Deaths(%) <sup>2</sup>	25.0%	23.6%	26.5%	17.7%	25.5%
35-44 Years Old					
Total Alcohol-Attributable Deaths	110.2	40.2	49.0	2.7	15.0
Total Deaths	707	226	362	18	83
Total Alcohol-Attributable Deaths(%) <sup>2</sup>	15.6%	17.8%	13.5%	15.4%	18.1%
45-54 Years Old					
Total Alcohol-Attributable Deaths	166.3	74.4	69.3	3.2	15.0
Total Deaths	1,684	595	881	29	140
Total Alcohol-Attributable Deaths(%) <sup>2</sup>	9.9%	12.5%	7.9%	10.9%	10.8%
55-64 Years Old					
Total Alcohol-Attributable Deaths	188.5	73.6	95.2	4.3	11.9
Total Deaths	3,006	1,098	1,624	53	173
Total Alcohol-Attributable Deaths(%) <sup>2</sup>	6.3%	6.7%	5.9%	8.1%	6.9%
65+ Years Old					
Total Alcohol-Attributable Deaths	298.8	157.6	115.7	8.5	11.9
Total Deaths	13,035	6,778	5,346	232	467
Total Alcohol-Attributable Deaths(%) <sup>2</sup>	2.3%	2.3%	2.2%	3.7%	2.5%

Analysis was based on the methodology implemented by the Centers for Disease Control at [http://apps.nccd.cdc.gov/DACH\\_ARDI](http://apps.nccd.cdc.gov/DACH_ARDI). See the technical appendix for more information.

<sup>1</sup>The rates were expressed as deaths per 100,000 population, which were calculated using Census Population Estimates in July, then adjusted for age with the weight from Census 2000 Standard Population.

<sup>2</sup>The percentage was calculated as the proportion of alcohol-attributable deaths to all deaths.



# Mortality by Planning District

Table M14  
Specified Causes of Death by Planning District: Philadelphia, 2016

Cause of Death	City-Wide			Dist. 1		Dist. 2		Dist. 3		Dist. 4	
	Rank	Rate	N	Rate	N	Rate	N	Rate	N	Rate	N
<b>Leading Causes of Death</b>											
Diseases of heart (I00-I09, I11, I13, I20-I51)	1	223.7	3,536	270.3	86	253.3	132	269.8	329	216.5	116
Malignant neoplasms (C00-C97)	2	202.7	3,128	212.6	73	209.3	109	206.8	249	201.4	102
Accidents (unintentional injuries) (V01-X59, Y85-Y86)	3	69.4	1,067	53.1	22	56.4	36	63.9	67		18
Cerebrovascular diseases (I60-I69)	4	43.3	688	61.6	20	42.3	23	56.5	72	43.5	26
Chronic lower respiratory diseases (J40-J47)	5	36.3	567		17	57.5	30	35.0	43		11
Septicemia (A40-A41)	6	23.2	361		13		12	23.9	30		10
Diabetes mellitus (E10-E14)	7	22.5	346		9		18	33.4	40		11
Nephritis, nephrotic syndrome and nephrosis (N00-N07, N17-N19, N25-N27)	8	21.3	331		10		15	27.6	34		13
Assault (homicide) (U01-U02, X85-Y09, Y87.1)	9	16.9	284		8		14	38.6	39		6
Influenza and pneumonia (J09-J18)	10	15.7	246		10		9	24.2	30		4
All causes		911.6	14,312	1,045.1	351	1,020.8	549	1,025.9	1,239	839.1	443
<b>Other Causes of Special Interest</b>											
Malignant neoplasm of breast (C50)		14.5	226		5		14		17		6
Malignant neoplasms of trachea, bronchus and lung (C33-C34)		53.6	824	69.3	23	67.2	36	62.4	74	63.8	32
Malignant neoplasms of colon, rectum and anus (C18-C21)		20.5	316		10		12	21.4	25		7
Intentional self-harm (suicide) (U03, X60-X84, Y87.0)		9.1	144		4		4		5		3
Malignant neoplasm of prostate (C61)		11.9	187		3		6	17.4	21		8
Human immunodeficiency virus (HIV) disease (B20-B24)		4.9	76		2		2		8		2
Infant mortality per 1,000 live births <sup>1</sup>		8.7	187	11.4	8	11.0	9	12.3	19	12.6	6

The rates have been age-adjusted per 100,000 population. Districts with fewer than 20 deaths and the very sparsely populated Lower South district have been left blank. Planning district identifications are: 1 = Lower Southwest, 2 = University / Southwest, 3 = West, 4 = West Park, 5 = Lower South, 6 = South, 7 = Central, 8 = Lower North, 9 = North, 10 = River Wards, 11 = Upper North, 12 = Lower Northwest, 13 = Upper Northwest, 14 = Lower Northeast, 15 = North Delaware, 16 = Central Northeast, 17 = Lower Far Northeast, 18 = Upper Far Northeast. See the following maps for locations.

<sup>1</sup> This row may include some deaths analyzed in previous rows.

# Mortality by Planning District

Table M14  
Specified Causes of Death by Planning District: Philadelphia, 2016

Cause of Death	City-Wide			Dist. 5		Dist. 6		Dist. 7		Dist. 8	
	Rank	Rate	N	Rate	N	Rate	N	Rate	N	Rate	N
Leading Causes of Death											
Diseases of heart (I00-I09, I11, I13, I20-I51)	1	223.7	3,536			204.8	301	148.3	178	284.8	225
Malignant neoplasms (C00-C97)	2	202.7	3,128			206.9	293	173.1	192	248.6	199
Accidents (unintentional injuries) (V01-X59, Y85-Y86)	3	69.4	1,067			81.2	111	34.5	41	100.5	81
Cerebrovascular diseases (I60-I69)	4	43.3	688			32.9	48	29.1	36	64.2	50
Chronic lower respiratory diseases (J40-J47)	5	36.3	567			45.1	65	25.5	30	30.5	24
Septicemia (A40-A41)	6	23.2	361			25.0	36		18	32.6	26
Diabetes mellitus (E10-E14)	7	22.5	346			19.2	27		12	35.7	28
Nephritis, nephrotic syndrome and nephrosis (N00-N07, N17-N19, N25-N27)	8	21.3	331			15.3	22		15	32.7	25
Assault (homicide) (U01-U02, X85-Y09, Y87.1)	9	16.9	284				11		4	41.9	38
Influenza and pneumonia (J09-J18)	10	15.7	246				17		19		15
All causes		911.6	14,312			850.1	1,227	651.8	760	1,183.9	951
Other Causes of Special Interest											
Malignant neoplasm of breast (C50)		14.5	226				19		10	24.1	20
Malignant neoplasms of trachea, bronchus and lung (C33-C34)		53.6	824			59.1	83	43.5	48	57.5	46
Malignant neoplasms of colon, rectum and anus (C18-C21)		20.5	316			18.7	26		18	25.9	20
Intentional self-harm (suicide) (U03, X60-X84, Y87.0)		9.1	144				16		13		4
Malignant neoplasm of prostate (C61)		11.9	187				13		11		11
Human immunodeficiency virus (HIV) disease (B20-B24)		4.9	76				4		1		11
Infant mortality per 1,000 live births <sup>1</sup>		8.7	187			6.6	13	5.1	8	9.6	13

The rates have been age-adjusted per 100,000 population. Districts with fewer than 20 deaths and the very sparsely populated Lower South district have been left blank.

Planning district identifications are: 1 = Lower Southwest, 2 = University / Southwest, 3 = West, 4 = West Park, 5 = Lower South, 6 = South, 7 = Central, 8 = Lower North, 9 = North, 10 = River Wards, 11 = Upper North, 12 = Lower Northwest, 13 = Upper Northwest, 14 = Lower Northeast, 15 = North Delaware, 16 = Central Northeast, 17 = Lower Far Northeast, 18 = Upper Far Northeast. See the following maps for locations.

<sup>1</sup> This row may include some deaths analyzed in previous rows.

# Mortality by Planning District

Table M14  
Specified Causes of Death by Planning District: Philadelphia, 2016

Cause of Death	City-Wide			Dist. 9		Dist. 10		Dist. 11		Dist. 12	
	Rank	Rate	N	Rate	N	Rate	N	Rate	N	Rate	N
<b>Leading Causes of Death</b>											
Diseases of heart (I00-I09, I11, I13, I20-I51)	1	223.7	3,536	281.1	282	254.7	145	261.5	364	146.6	84
Malignant neoplasms (C00-C97)	2	202.7	3,128	210.7	226	232.6	133	228.2	332	140.7	75
Accidents (unintentional injuries) (V01-X59, Y85-Y86)	3	69.4	1,067	90.8	110	129.1	91	51.5	74	55.8	26
Cerebrovascular diseases (I60-I69)	4	43.3	688	50.3	48	51.0	29	47.9	64	42.1	24
Chronic lower respiratory diseases (J40-J47)	5	36.3	567	38.6	35	65.2	37	29.7	45		15
Septicemia (A40-A41)	6	23.2	361	29.7	32		13	25.2	36		3
Diabetes mellitus (E10-E14)	7	22.5	346	24.9	27		18	27.7	40		10
Nephritis, nephrotic syndrome and nephrosis (N00-N07, N17-N19, N25-N27)	8	21.3	331	27.4	27		12	24.7	35		6
Assault (homicide) (U01-U02, X85-Y09, Y87.1)	9	16.9	284	48.0	67		8	27.5	40		1
Influenza and pneumonia (J09-J18)	10	15.7	246		18		19		14		8
All causes		911.6	14,312	1,112.0	1,174	1,146.7	679	978.0	1,376	652.3	360
<b>Other Causes of Special Interest</b>											
Malignant neoplasm of breast (C50)		14.5	226		15		6	16.1	23		7
Malignant neoplasms of trachea, bronchus and lung (C33-C34)		53.6	824	50.5	53	94.9	52	52.1	78		19
Malignant neoplasms of colon, rectum and anus (C18-C21)		20.5	316	24.5	27		13	25.6	37		9
Intentional self-harm (suicide) (U03, X60-X84, Y87.0)		9.1	144		7		15		7		6
Malignant neoplasm of prostate (C61)		11.9	187		17		3	18.6	26		4
Human immunodeficiency virus (HIV) disease (B20-B24)		4.9	76		14		3		5		2
Infant mortality per 1,000 live births <sup>1</sup>		8.7	187	11.6	28	5.4	6	9.2	17	1.5	1

The rates have been age-adjusted per 100,000 population. Districts with fewer than 20 deaths and the very sparsely populated Lower South district have been left blank.

Planning district identifications are: 1 = Lower Southwest, 2 = University / Southwest, 3 = West, 4 = West Park, 5 = Lower South, 6 = South, 7 = Central, 8 = Lower North, 9 = North, 10 = River Wards, 11 = Upper North, 12 = Lower Northwest, 13 = Upper Northwest, 14 = Lower Northeast, 15 = North Delaware, 16 = Central Northeast, 17 = Lower Far Northeast, 18 = Upper Far Northeast. See the following maps for locations.

<sup>1</sup> This row may include some deaths analyzed in previous rows.

# Mortality by Planning District

Table M14  
Specified Causes of Death by Planning District: Philadelphia, 2016

Cause of Death	City-Wide			Dist. 13		Dist. 14		Dist. 15		Dist. 16	
	Rank	Rate	N	Rate	N	Rate	N	Rate	N	Rate	N
Leading Causes of Death											
Diseases of heart (I00-I09, I11, I13, I20-I51)	1	223.7	3,536	244.3	256	258.7	199	189.4	199	177.3	227
Malignant neoplasms (C00-C97)	2	202.7	3,128	210.9	216	224.1	162	198.5	195	175.3	184
Accidents (unintentional injuries) (V01-X59, Y85-Y86)	3	69.4	1,067	49.3	47	65.1	61	111.3	113	62.7	58
Cerebrovascular diseases (I60-I69)	4	43.3	688	43.0	46	54.3	36	42.0	43	26.7	36
Chronic lower respiratory diseases (J40-J47)	5	36.3	567	28.1	29	51.9	36	35.8	36	33.0	38
Septicemia (A40-A41)	6	23.2	361	28.8	29	29.5	22	23.4	25		12
Diabetes mellitus (E10-E14)	7	22.5	346		15		17		18		16
Nephritis, nephrotic syndrome and nephrosis (N00-N07, N17-N19, N25-N27)	8	21.3	331	27.0	27	30.0	21		17	17.3	23
Assault (homicide) (U01-U02, X85-Y09, Y87.1)	9	16.9	284		10		17		10		4
Influenza and pneumonia (J09-J18)	10	15.7	246		13		14		10		18
All causes		911.6	14,312	901.5	922	1,046.6	796	860.2	884	733.7	857
Other Causes of Special Interest											
Malignant neoplasm of breast (C50)		14.5	226	20.0	21		17		8		13
Malignant neoplasms of trachea, bronchus and lung (C33-C34)		53.6	824	44.8	46	61.3	44	55.1	54	26.8	29
Malignant neoplasms of colon, rectum and anus (C18-C21)		20.5	316	26.6	28		10	21.9	21	17.1	20
Intentional self-harm (suicide) (U03, X60-X84, Y87.0)		9.1	144		7		5		14		13
Malignant neoplasm of prostate (C61)		11.9	187	19.7	21		4		8		12
Human immunodeficiency virus (HIV) disease (B20-B24)		4.9	76		7		5		4		2
Infant mortality per 1,000 live births <sup>1</sup>		8.7	187	18.0	19	12.9	22	5.8	8	4.6	5

The rates have been age-adjusted per 100,000 population. Districts with fewer than 20 deaths and the very sparsely populated Lower South district have been left blank.

Planning district identifications are: 1 = Lower Southwest, 2 = University / Southwest, 3 = West, 4 = West Park, 5 = Lower South, 6 = South, 7 = Central, 8 = Lower North, 9 = North, 10 = River Wards, 11 = Upper North, 12 = Lower Northwest, 13 = Upper Northwest, 14 = Lower Northeast, 15 = North Delaware, 16 = Central Northeast, 17 = Lower Far Northeast, 18 = Upper Far Northeast. See the following maps for locations.

<sup>1</sup> This row may include some deaths analyzed in previous rows.

# Mortality by Planning District

Table M14  
Specified Causes of Death by Planning District: Philadelphia, 2016

Cause of Death	City-Wide			Dist. 17		Dist. 18	
	Rank	Rate	N	Rate	N	Rate	N
<b>Leading Causes of Death</b>							
Diseases of heart (I00-I09, I11, I13, I20-I51)	1	223.7	3,536	198.8	170	181.2	219
Malignant neoplasms (C00-C97)	2	202.7	3,128	208.1	180	168.7	186
Accidents (unintentional injuries) (V01-X59, Y85-Y86)	3	69.4	1,067	69.4	52	75.9	55
Cerebrovascular diseases (I60-I69)	4	43.3	688	43.0	36	35.6	47
Chronic lower respiratory diseases (J40-J47)	5	36.3	567	37.0	32	34.0	41
Septicemia (A40-A41)	6	23.2	361	25.3	22	19.7	22
Diabetes mellitus (E10-E14)	7	22.5	346		15	20.3	22
Nephritis, nephrotic syndrome and nephrosis (N00-N07, N17-N19, N25-N27)	8	21.3	331		11		16
Assault (homicide) (U01-U02, X85-Y09, Y87.1)	9	16.9	284		5		2
Influenza and pneumonia (J09-J18)	10	15.7	246		15		12
All causes		911.6	14,312	918.7	775	763.8	875
<b>Other Causes of Special Interest</b>							
Malignant neoplasm of breast (C50)		14.5	226		13		11
Malignant neoplasms of trachea, bronchus and lung (C33-C34)		53.6	824	61.8	55	44.6	49
Malignant neoplasms of colon, rectum and anus (C18-C21)		20.5	316		10	18.3	22
Intentional self-harm (suicide) (U03, X60-X84, Y87.0)		9.1	144		17		4
Malignant neoplasm of prostate (C61)		11.9	187		8		10
Human immunodeficiency virus (HIV) disease (B20-B24)		4.9	76		2		2
Infant mortality per 1,000 live births <sup>1</sup>		8.7	187	3.5	3	2.5	2

The rates have been age-adjusted per 100,000 population. Districts with fewer than 20 deaths and the very sparsely populated Lower South district have been left blank.

Planning district identifications are: 1 = Lower Southwest, 2 = University / Southwest, 3 = West, 4 = West Park, 5 = Lower South, 6 = South, 7 = Central, 8 = Lower North, 9 = North, 10 = River Wards, 11 = Upper North, 12 = Lower Northwest, 13 = Upper Northwest, 14 = Lower Northeast, 15 = North Delaware, 16 = Central Northeast, 17 = Lower Far Northeast, 18 = Upper Far Northeast. See the following maps for locations.

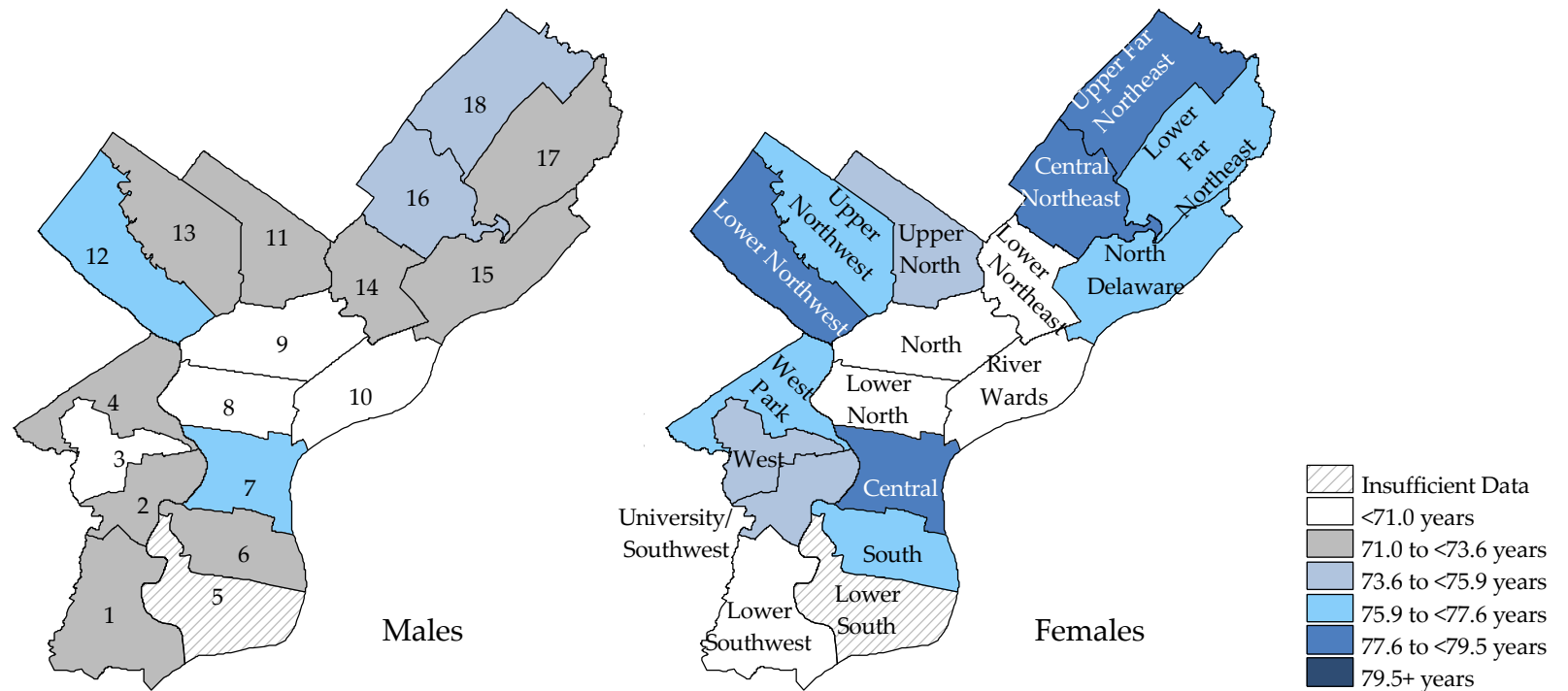
<sup>1</sup> This row may include some deaths analyzed in previous rows.

# Mortality by Planning District

Table M15  
Life Expectancy at Birth by Planning District and Gender: Philadelphia, 2016

	City-Wide	District																	
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18
Male	72.29	70.01	71.80	66.62	71.25	-	72.81	77.37	66.12	67.39	67.78	70.10	76.93	70.90	69.69	72.37	74.85	72.77	74.99
Female	79.31	75.80	76.06	77.10	79.33	-	78.95	82.10	74.23	75.52	75.07	77.13	82.84	77.86	75.46	78.71	81.24	78.85	80.81

Map M1, Life Expectancy at Birth by Planning District and Gender: Philadelphia, 2016



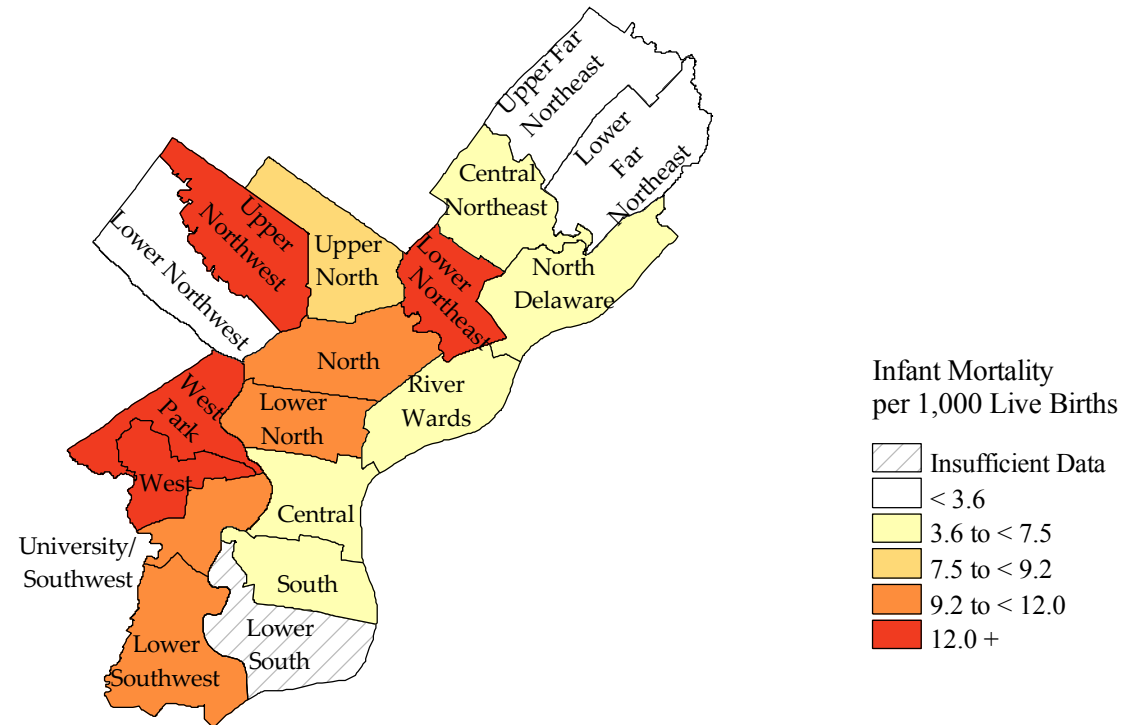
Results have only been shown for groups with at least 5,000 population.

# Mortality by Planning District

Table M16  
Infant Mortality by Planning District: Philadelphia, 2016

	City- Wide	District																	
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18
Rate	8.7	11.4	11.0	12.3	12.6	-	6.6	5.1	9.6	11.6	5.4	9.2	1.5	18.0	12.9	5.8	4.6	3.5	2.5

Map M2 Infant Mortality by Planning District: Philadelphia, 2016



Planning district identifications are: 1 = Lower Southwest, 2 = University / Southwest, 3 = West, 4 = West Park, 5 = Lower South, 6 = South, 7 = Central, 8 = Lower North, 9 = North, 10 = River Wards, 11 = Upper North, 12 = Lower Northwest, 13 = Upper Northwest, 14 = Lower Northeast, 15 = North Delaware, 16 = Central Northeast, 17 = Lower Far Northeast, 18 = Upper Far Northeast.

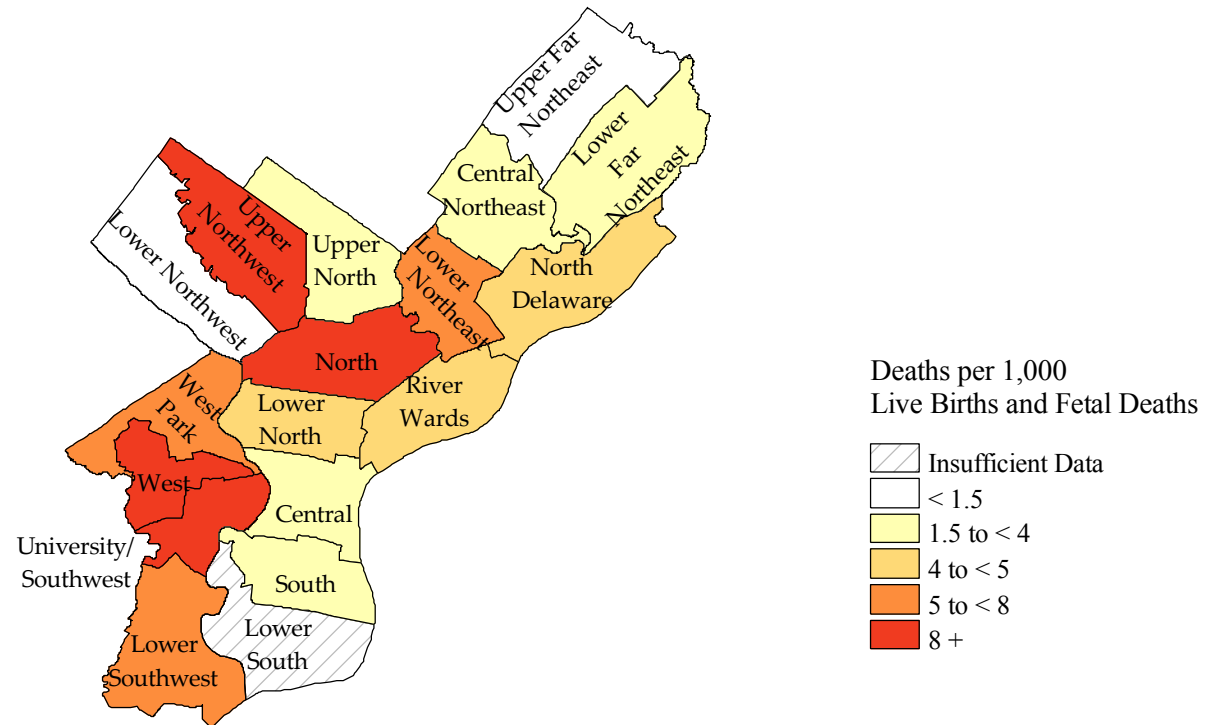
# Mortality by Planning District

Table M17  
Perinatal Mortality by Planning District: Philadelphia, 2016

	City- Wide	District																	
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18
Rate	9.1	7.1	8.6	9.1	6.3	-	3.6	2.5	5.9	8.3	5.4	3.8	0.0	10.4	7.6	4.3	2.8	3.5	0.0

Analysis includes deaths between 28 weeks of gestation and 7 days after birth, inclusive.

Map M3 Perinatal Mortality by Planning District: Philadelphia, 2016



Planning district identifications are: 1 = Lower Southwest, 2 = University / Southwest, 3 = West, 4 = West Park, 5 = Lower South, 6 = South, 7 = Central, 8 = Lower North, 9 = North, 10 = River Wards, 11 = Upper North, 12 = Lower Northwest, 13 = Upper Northwest, 14 = Lower Northeast, 15 = North Delaware, 16 = Central Northeast, 17 = Lower Far Northeast, 18 = Upper Far Northeast.

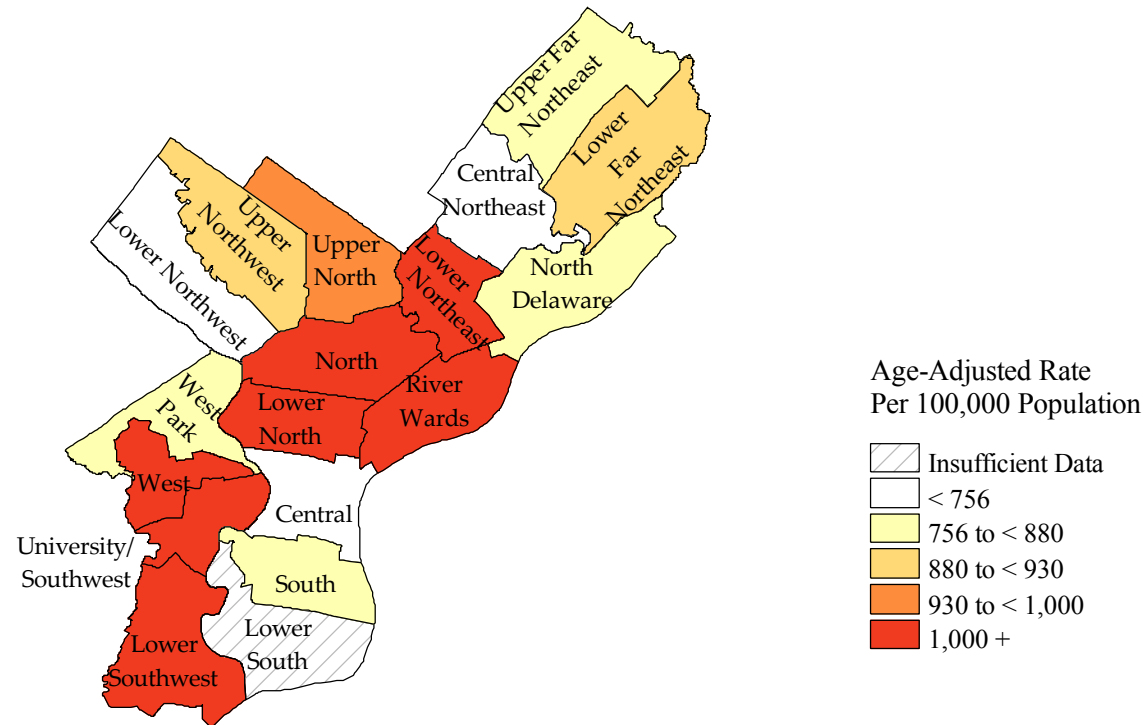


# Mortality by Planning District

Table M18  
All Causes Mortality by Planning District: Philadelphia, 2016

	City-Wide	District																	
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18
Rate	911.6	1,045.1	1,020.8	1,025.9	839.1	-	850.1	651.8	1,183.9	1,112.0	1,146.7	978.0	652.3	901.5	1,046.6	860.2	733.7	918.7	763.8

Map M4 All Causes Mortality by Planning District: Philadelphia, 2016



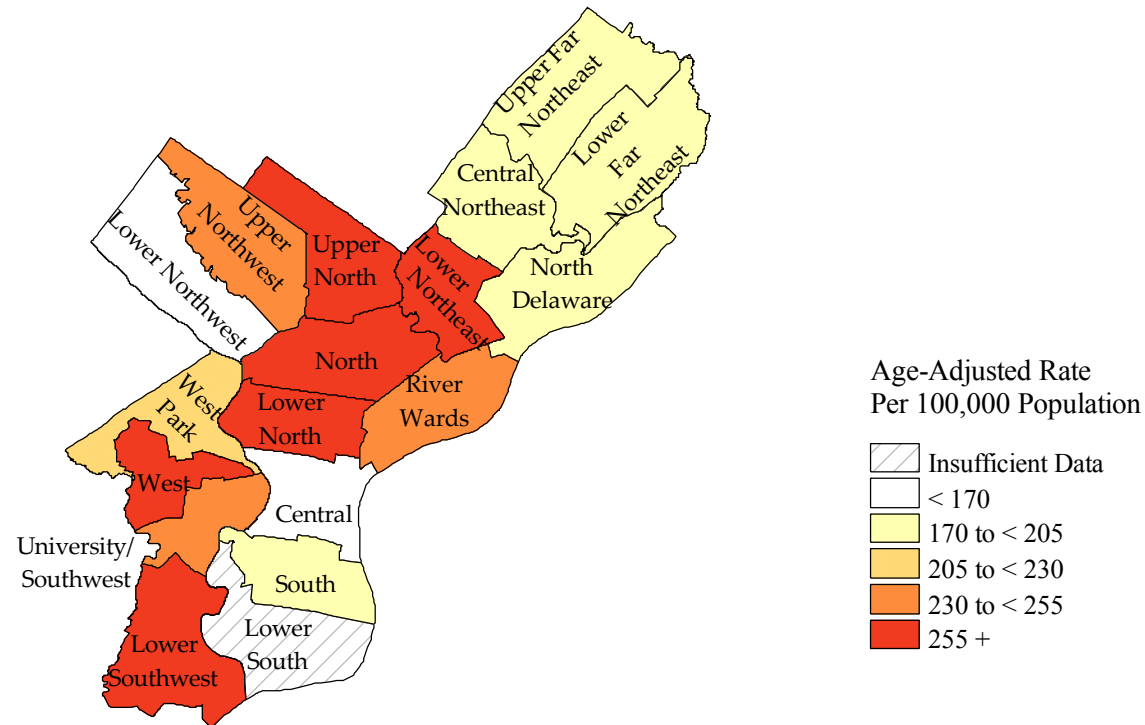
Planning district identifications are: 1 = Lower Southwest, 2 = University / Southwest, 3 = West, 4 = West Park, 5 = Lower South, 6 = South, 7 = Central, 8 = Lower North, 9 = North, 10 = River Wards, 11 = Upper North, 12 = Lower Northwest, 13 = Upper Northwest, 14 = Lower Northeast, 15 = North Delaware, 16 = Central Northeast, 17 = Lower Far Northeast, 18 = Upper Far Northeast.

# Mortality by Planning District

Table M19  
Heart Disease Mortality by Planning District: Philadelphia, 2016

	City-Wide	District																	
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18
Rate	223.7	270.3	253.3	269.8	216.5	-	204.8	148.3	284.8	281.1	254.7	261.5	146.6	244.3	258.7	189.4	177.3	198.8	181.2

Map M5 Heart Disease Mortality by Planning District: Philadelphia, 2016



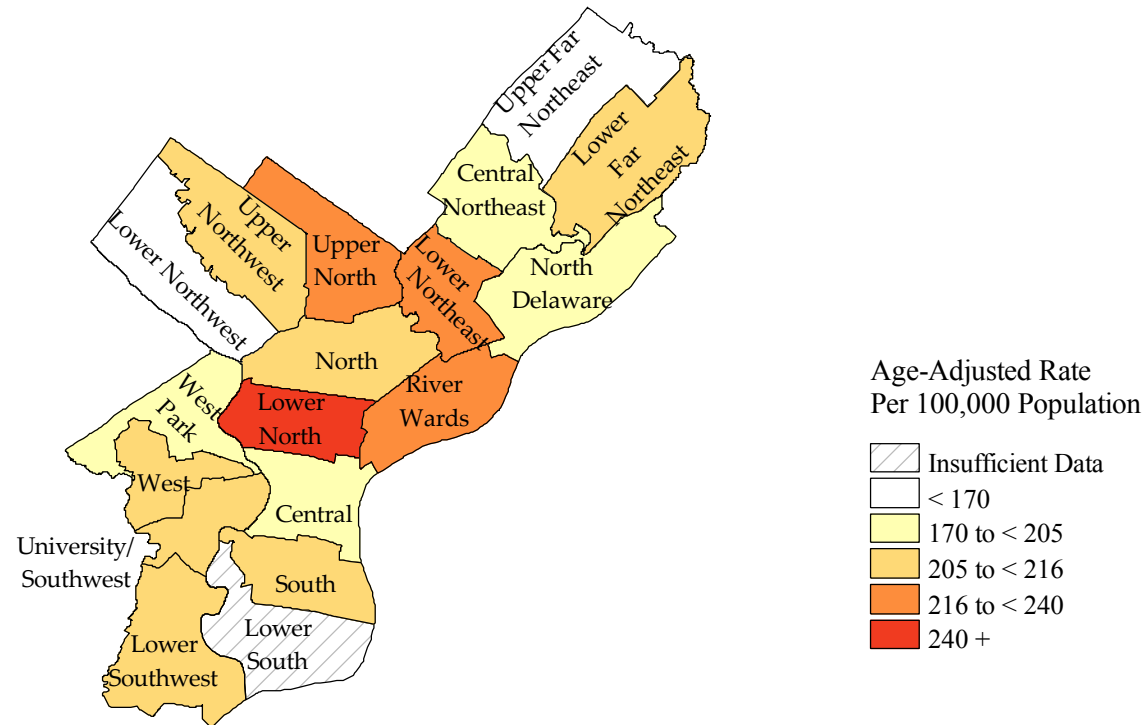
Planning district identifications are: 1 = Lower Southwest, 2 = University / Southwest, 3 = West, 4 = West Park, 5 = Lower South, 6 = South, 7 = Central, 8 = Lower North, 9 = North, 10 = River Wards, 11 = Upper North, 12 = Lower Northwest, 13 = Upper Northwest, 14 = Lower Northeast, 15 = North Delaware, 16 = Central Northeast, 17 = Lower Far Northeast, 18 = Upper Far Northeast.

# Mortality by Planning District

Table M20  
Cancer Mortality by Planning District: Philadelphia, 2016

	City-Wide	District																	
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18
Rate	202.7	212.6	209.3	206.8	201.4	-	206.9	173.1	248.6	210.7	232.6	228.2	140.7	210.9	224.1	198.5	175.3	208.1	168.7

Map M6 Cancer Mortality by Planning District: Philadelphia, 2016



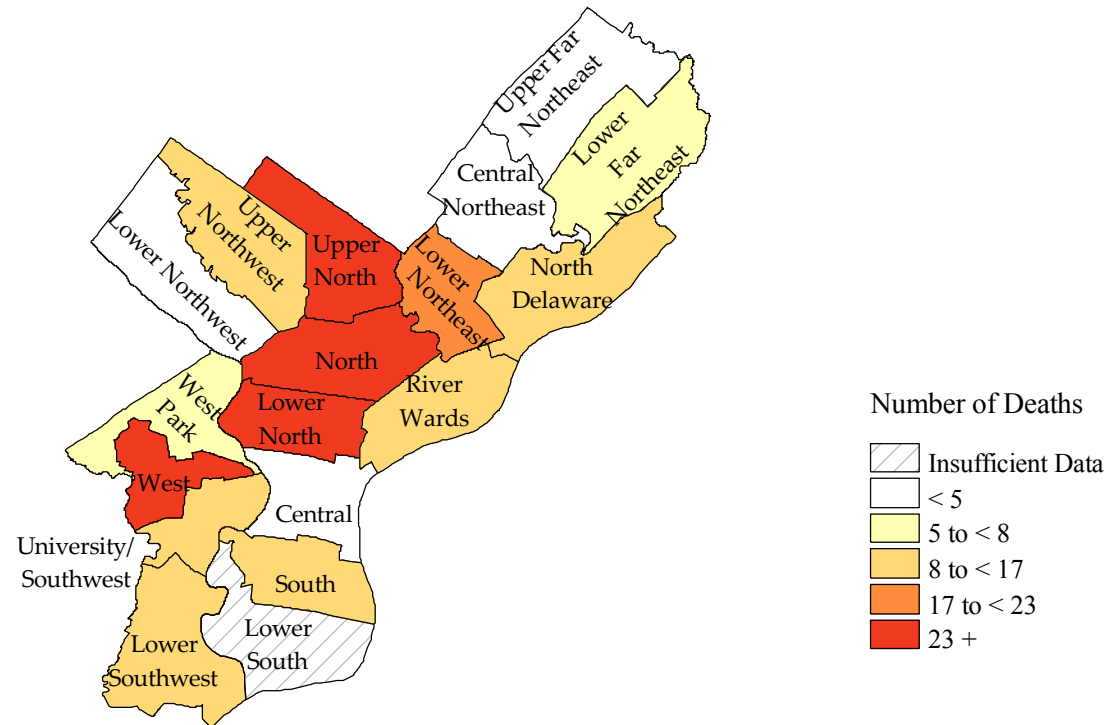
Planning district identifications are: 1 = Lower Southwest, 2 = University / Southwest, 3 = West, 4 = West Park, 5 = Lower South, 6 = South, 7 = Central, 8 = Lower North, 9 = North, 10 = River Wards, 11 = Upper North, 12 = Lower Northwest, 13 = Upper Northwest, 14 = Lower Northeast, 15 = North Delaware, 16 = Central Northeast, 17 = Lower Far Northeast, 18 = Upper Far Northeast.

# Mortality by Planning District

Table M21  
Homicides by Planning District: Philadelphia, 2016

	City-Wide	District																	
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18
Deaths	284	8	14	39	6	-	11	4	38	67	8	40	1	10	17	10	4	5	2

Map M7 Homicides by Planning District: Philadelphia, 2016



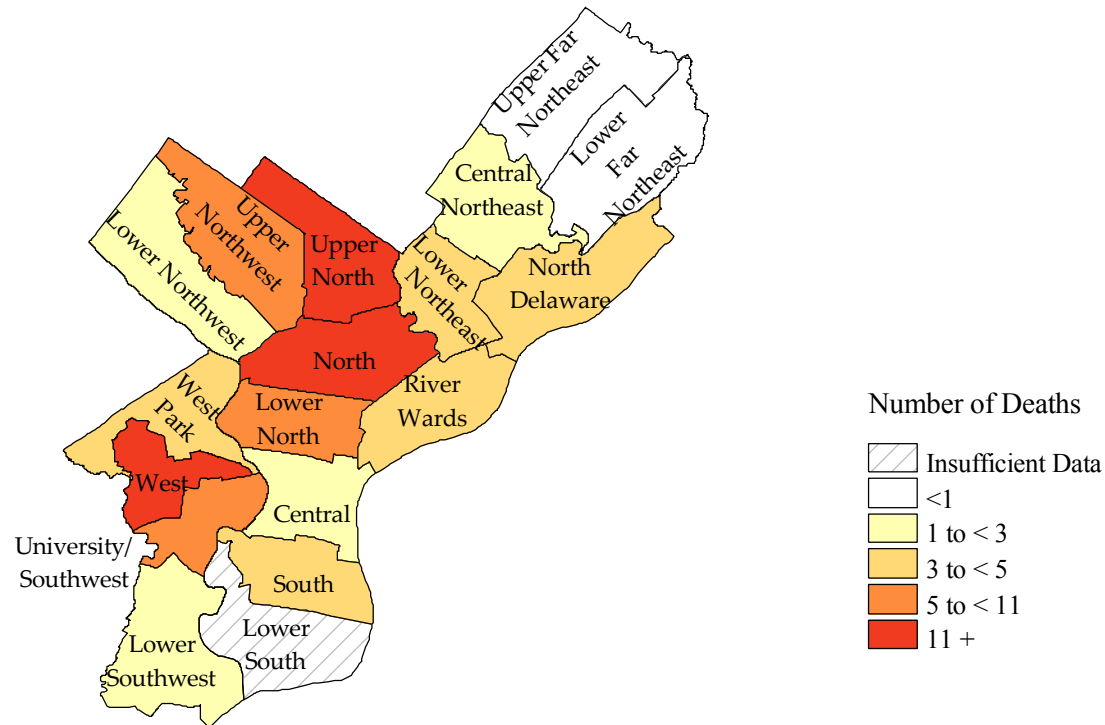
Planning district identifications are: 1 = Lower Southwest, 2 = University / Southwest, 3 = West, 4 = West Park, 5 = Lower South, 6 = South, 7 = Central, 8 = Lower North, 9 = North, 10 = River Wards, 11 = Upper North, 12 = Lower Northwest, 13 = Upper Northwest, 14 = Lower Northeast, 15 = North Delaware, 16 = Central Northeast, 17 = Lower Far Northeast, 18 = Upper Far Northeast.

# Mortality by Planning District

Table M22  
Youth and Young Adult Homicides Ages 10-24 by Planning District: Philadelphia, 2016

	City-Wide	District																	
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18
Total	99	2	8	12	4	-	4	2	10	21	3	19	1	5	4	3	1	0	0

Map M8 Youth and Young Adult Homicides Ages 10-24 by Planning District: Philadelphia, 2016



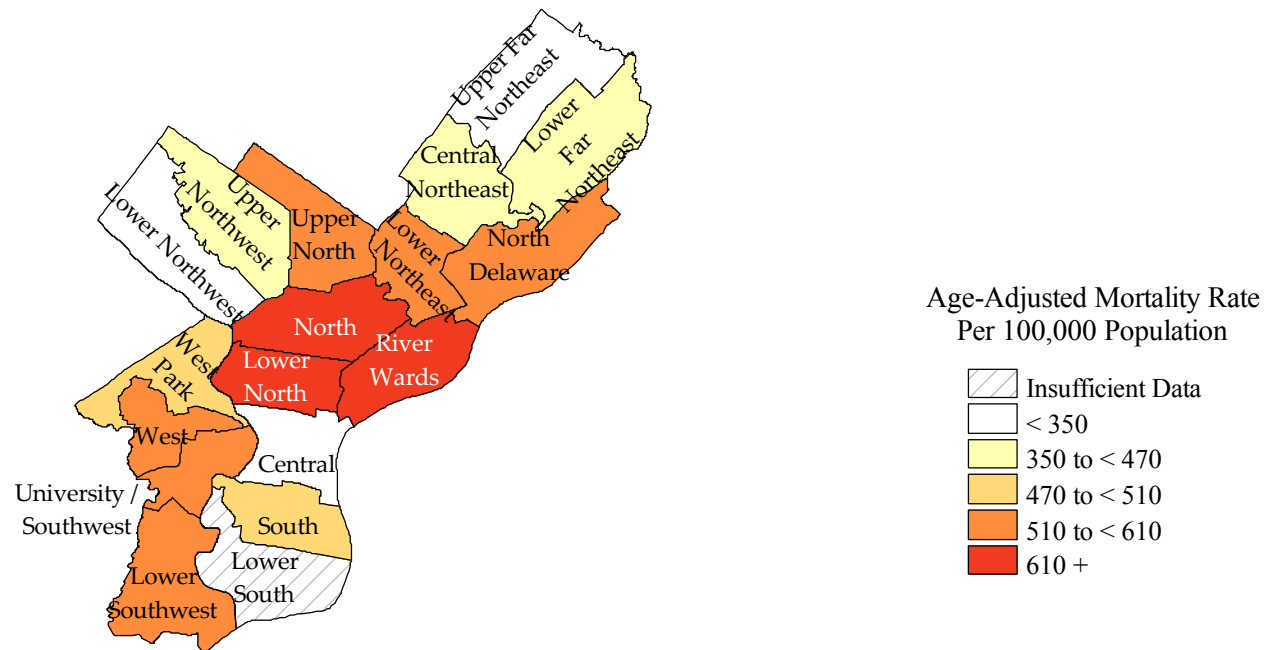
Planning district identifications are: 1 = Lower Southwest, 2 = University / Southwest, 3 = West, 4 = West Park, 5 = Lower South, 6 = South, 7 = Central, 8 = Lower North, 9 = North, 10 = River Wards, 11 = Upper North, 12 = Lower Northwest, 13 = Upper Northwest, 14 = Lower Northeast, 15 = North Delaware, 16 = Central Northeast, 17 = Lower Far Northeast, 18 = Upper Far Northeast.

# Mortality by Planning District

Table M23  
Smoking Attributable Mortality by Planning District: Philadelphia, 2016

Diseases	City-	District																	
	Wide	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18
Cancers	113.8	147.4	130.6	130.8	131.8	-	131.9	84.7	140.9	112.2	203.2	122.1	67.1	97.5	132.2	120.5	71.6	125.0	88.0
Cardiovascular and Metabolic Diseases	107.6	137.7	121.8	141.0	116.4	-	118.2	65.3	149.8	144.6	162.2	159.5	63.6	118.8	135.5	112.5	89.9	99.0	68.8
Pulmonary Diseases	73.6	92.6	101.9	65.4	28.9	-	76.2	48.0	64.2	72.5	140.8	52.9	48.5	50.5	87.5	65.9	59.1	63.0	55.9
All Causes	468.0	541.2	551.9	562.5	484.9	-	483.3	297.5	696.5	614.3	803.4	599.0	280.0	460.1	547.9	521.2	396.4	462.7	329.1

Map M9, Smoking-Attributable Mortality by Planning District: Philadelphia, 2016



Planning district identifications are: 1 = Lower Southwest, 2 = University / Southwest, 3 = West, 4 = West Park, 5 = Lower South, 6 = South, 7 = Central, 8 = Lower North, 9 = North, 10 = River Wards, 11 = Upper North, 12 = Lower Northwest, 13 = Upper Northwest, 14 = Lower Northeast, 15 = North Delaware, 16 = Central Northeast, 17 = Lower Far Northeast, 18 = Upper Far Northeast.

# Appendix

# Leading Causes of Infant, Neonatal, and Post-Neonatal Deaths

Table A1  
Leading Causes of Infant, Neonatal, and Post-Neonatal Deaths by Child's Race/Ethnicity: Philadelphia, 2016

Rank	Cause of Death - All Infant Deaths	White, Non-Hispanic	Black, Non-Hispanic	Asian, Non-Hispanic	Hispanic	All
1	Disorders related to short gestation and low birth weight, not elsewhere classified (P07)	4	35	1	10	54
2	Congenital malformations, deformations and chromosomal abnormalities (Q00-Q99)	5	7	1	7	21
3	Newborn affected by maternal complications of pregnancy (P01)	3	10	0	2	15
4	Accidents (unintentional injuries) (V01-X59)	2	6	0	1	9
5	Sudden infant death syndrome (R95)	2	4	0	1	7
6	Newborn affected by complications of placenta, cord and membranes (P02)	0	5	0	0	6
7	Necrotizing enterocolitis of newborn (P77)	0	2	1	2	5
8	Neonatal hemorrhage (P50-P52, P54)	0	4	0	0	4
8	Diseases of the circulatory system (I00-I99)	1	3	0	0	4
9	Diarrhea and gastroenteritis of infectious origin (A09)	0	1	0	2	3
9	Respiratory distress of newborn (P22)	0	3	0	0	3
10	Pulmonary hemorrhage originating in the perinatal period (P26)	1	0	0	1	2
10	Bacterial sepsis of newborn (P36)	0	0	1	1	2
	Interstitial emphysema and related conditions originating in the perinatal period (P25)	0	1	0	0	1
	Septicemia (A40-A41)	0	1	0	0	1
	Diseases of the blood and blood-forming organs and certain disorders involving the immune mechanism (D50-D89)	0	1	0	0	1
	Neonatal aspiration syndromes (P24)	0	1	0	0	1
	Newborn affected by other maternal conditions which may be unrelated to present pregnancy (P00.1-P00.9)	0	1	0	0	1
	Hydrops fetalis not due to hemolytic disease (P83.2)	1	0	0	0	1
	Newborn affected by maternal hypertensive disorders (P00.0)	0	0	0	1	1
	Hernia of abdominal cavity and intestinal obstruction without hernia (K40-K46, K56)	1	0	0	0	1
	Influenza and pneumonia (J09-J18)	0	1	0	0	1
	Malignant neoplasms (C00-C97)	1	0	0	0	1
	Intrauterine hypoxia and birth asphyxia (P20-P21)	0	1	0	0	1
	Volume depletion, disorders of fluid, electrolyte and acid-base balance (E86-E87)	0	1	0	0	1
	Newborn affected by other complications of labor and delivery (P03)	0	0	1	0	1
	Newborn affected by noxious influences transmitted via placenta or breast milk (P04)	0	1	0	0	1
	All other causes	5	27	3	2	38
	All causes	26	116	8	30	187

Race/ethnicity information was not available for some infants.



# Leading Causes of Infant, Neonatal, and Post-Neonatal Deaths

Table A1  
Leading Causes of Infant, Neonatal, and Post-Neonatal Deaths by Child's Race/Ethnicity: Philadelphia, 2016

Rank	Cause of Death - Neonatal Deaths	White, Non-Hispanic	Black, Non-Hispanic	Asian, Non-Hispanic	Hispanic	All
1	Disorders related to short gestation and low birth weight, not elsewhere classified (P07)	4	34	1	9	52
2	Congenital malformations, deformations and chromosomal abnormalities (Q00-Q99)	4	4	1	6	15
2	Newborn affected by maternal complications of pregnancy (P01)	3	10	0	2	15
3	Newborn affected by complications of placenta, cord and membranes (P02)	0	5	0	0	6
4	Necrotizing enterocolitis of newborn (P77)	0	2	1	2	5
5	Neonatal hemorrhage (P50-P52, P54)	0	4	0	0	4
6	Respiratory distress of newborn (P22)	0	3	0	0	3
7	Bacterial sepsis of newborn (P36)	0	0	1	1	2
7	Pulmonary hemorrhage originating in the perinatal period (P26)	1	0	0	1	2
7	Diseases of the circulatory system (I00-I99)	1	1	0	0	2
8	Newborn affected by other complications of labor and delivery (P03)	0	0	1	0	1
8	Accidents (unintentional injuries) (V01-X59)	0	1	0	0	1
8	Diarrhea and gastroenteritis of infectious origin (A09)	0	0	0	1	1
8	Hydrops fetalis not due to hemolytic disease (P83.2)	1	0	0	0	1
8	Newborn affected by other maternal conditions which may be unrelated to present pregnancy (P00.1-P00.9)	0	1	0	0	1
8	Newborn affected by maternal hypertensive disorders (P00.0)	0	0	0	1	1
8	Interstitial emphysema and related conditions originating in the perinatal period (P25)	0	1	0	0	1
8	Neonatal aspiration syndromes (P24)	0	1	0	0	1
8	Intrauterine hypoxia and birth asphyxia (P20-P21)	0	1	0	0	1
8	Newborn affected by noxious influences transmitted via placenta or breast milk (P04)	0	1	0	0	1
	All other causes	3	13	3	0	20
	All causes	17	82	8	23	136

Race/ethnicity information was not available for some infants.

# Leading Causes of Infant, Neonatal, and Post-Neonatal Deaths

Table A1  
Leading Causes of Infant, Neonatal, and Post-Neonatal Deaths by Child's Race/Ethnicity: Philadelphia, 2016

Rank	Cause of Death - Post-Neonatal Deaths	White, Non-Hispanic	Black, Non-Hispanic	Asian, Non-Hispanic	Hispanic	All
1	Accidents (unintentional injuries) (V01-X59)	2	5	0	1	8
2	Sudden infant death syndrome (R95)	2	4	0	1	7
3	Congenital malformations, deformations and chromosomal abnormalities (Q00-Q99)	1	3	0	1	6
4	Diseases of the circulatory system (I00-I99)	0	2	0	0	2
4	Diarrhea and gastroenteritis of infectious origin (A09)	0	1	0	1	2
4	Disorders related to short gestation and low birth weight, not elsewhere classified (P07)	0	1	0	1	2
5	Volume depletion, disorders of fluid, electrolyte and acid-base balance (E86-E87)	0	1	0	0	1
5	Diseases of the blood and blood-forming organs and certain disorders involving the immune mechanism (D50-D89)	0	1	0	0	1
5	Malignant neoplasms (C00-C97)	1	0	0	0	1
5	Hernia of abdominal cavity and intestinal obstruction without hernia (K40-K46, K56)	1	0	0	0	1
5	Influenza and pneumonia (J09-J18)	0	1	0	0	1
5	Septicemia (A40-A41)	0	1	0	0	1
	All other causes	2	14	0	2	18
	All causes	9	34	0	7	51

Race/ethnicity information was not available for some infants.

# Selected Causes of Infant Death

Table A2  
Selected Causes of Infant Death by Child's Race/Ethnicity: Philadelphia, 2016

Cause of Death	White, Non-Hispanic	Black, Non-Hispanic	Asian, Non-Hispanic	Hispanic	All
All causes	26	116	8	30	187
Certain infectious and parasitic diseases (A00-B99)	0	4	0	2	6
Certain intestinal infectious diseases (A00-A08)	0	0	0	0	0
Diarrhea and gastroenteritis of infectious origin (A09)	0	1	0	2	3
Tuberculosis (A16-A19)	0	0	0	0	0
Tetanus (A33, A35)	0	0	0	0	0
Diphtheria (A36)	0	0	0	0	0
Whooping cough (A37)	0	0	0	0	0
Meningococcal infection (A39)	0	0	0	0	0
Septicemia (A40-A41)	0	1	0	0	1
Congenital syphilis (A50)	0	0	0	0	0
Gonococcal infection (A54)	0	0	0	0	0
Viral diseases (A80-B34)	0	1	0	0	1
Acute poliomyelitis (A80)	0	0	0	0	0
Varicella (chickenpox) (B01)	0	0	0	0	0
Measles (B05)	0	0	0	0	0
Human immunodeficiency virus (HIV) disease (B20-B24)	0	0	0	0	0
Mumps (B26)	0	0	0	0	0
Other and unspecified viral diseases (A81-B00, B02-B04, B06-B19, B25, B27-B34)	0	1	0	0	1
Candidiasis (B37)	0	0	0	0	0
Malaria (B50-B54)	0	0	0	0	0
Pneumocystosis (B59)	0	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	1	0	0	1
Neoplasms (C00-D48)	1	0	0	0	1
Malignant neoplasms (C00-C97)	1	0	0	0	1
Hodgkin's disease and non-Hodgkin's lymphomas (C81-C85)	0	0	0	0	0
Leukemia (C91-C95)	0	0	0	0	0

# Selected Causes of Infant Death

Table A2  
Selected Causes of Infant Death by Child's Race/Ethnicity: Philadelphia, 2016

Cause of Death	White, Non-Hispanic	Black, Non-Hispanic	Asian, Non-Hispanic	Hispanic	All
Neoplasms (C00-D48) (continued)	1	0	0	0	1
Malignant neoplasms (C00-C97) (continued)	1	0	0	0	1
Other and unspecified malignant neoplasms (C00-C80, C88, C90, C96-C97)	1	0	0	0	1
In situ neoplasms, benign neoplasms and neoplasms of uncertain or unknown behavior (D00-D48)	0	0	0	0	0
Diseases of the blood and blood-forming organs and certain disorders involving the immune mechanism (D50-D89)	0	1	0	0	1
Anemias (D50-D64)	0	0	0	0	0
Hemorrhagic conditions and other diseases of blood and blood-forming organs (D65-D76)	0	1	0	0	1
Certain disorders involving the immune mechanism (D80-D89)	0	0	0	0	0
Endocrine, nutritional and metabolic diseases (E00-E88)	0	1	1	0	2
Short stature, not elsewhere classified (E34.3)	0	0	0	0	0
Nutritional deficiencies (E40-E64)	0	0	0	0	0
Cystic fibrosis (E84)	0	0	0	0	0
Volume depletion, disorders of fluid, electrolyte and acid-base balance (E86-E87)	0	1	0	0	1
All other endocrine, nutritional and metabolic diseases (E00-E32, E34.0-E34.2, E34.4-E34.9, E65-E83, E85, E88)	0	0	1	0	1
Diseases of the nervous system (G00-G98)	0	0	0	0	1
Meningitis (G00, G03)	0	0	0	0	0
Infantile spinal muscular atrophy, type I (Werdnig-Hoffman) (G12.0)	0	0	0	0	0
Infantile cerebral palsy (G80)	0	0	0	0	0
Anoxic brain damage, not elsewhere classified (G93.1)	0	0	0	0	0
Other diseases of nervous system (G04, G06-G11, G12.1-G12.9, G20-G72, G81-G92, G93.0, G93.2-G93.9, G95-G98)	0	0	0	0	1
Diseases of the ear and mastoid process (H60-H93)	0	0	0	0	0

# Selected Causes of Infant Death

Table A2  
Selected Causes of Infant Death by Child's Race/Ethnicity: Philadelphia, 2016

Cause of Death	White, Non-Hispanic	Black, Non-Hispanic	Asian, Non-Hispanic	Hispanic	All
Diseases of the circulatory system (I00-I99)	1	3	0	0	4
Pulmonary heart disease and diseases of pulmonary circulation (I26-I28)	0	0	0	0	0
Pericarditis, endocarditis and myocarditis (I30, I33, I40)	0	0	0	0	0
Cardiomyopathy (I42)	0	1	0	0	1
Cardiac arrest (I46)	0	0	0	0	0
Cerebrovascular diseases (I60-I69)	1	1	0	0	2
All other diseases of circulatory system (I00-I25, I31, I34-I38, I44-I45, I47-I51, I70-I99)	0	1	0	0	1
Diseases of the respiratory system (J00-J98, U04)	0	2	0	0	2
Acute upper respiratory infections (J00-J06)	0	0	0	0	0
Influenza and pneumonia (J09-J18)	0	1	0	0	1
Influenza (J09-J11)	0	0	0	0	0
Pneumonia (J12-J18)	0	1	0	0	1
Acute bronchitis and acute bronchiolitis (J20-J21)	0	0	0	0	0
Bronchitis, chronic and unspecified (J40-J42)	0	0	0	0	0
Asthma (J45-J46)	0	0	0	0	0
Pneumonitis due to solids and liquids (J69)	0	0	0	0	0
Other and unspecified diseases of respiratory system (J22, J30-J39, J43-J44, J47-J68, J70-J98, U04)	0	1	0	0	1
Diseases of the digestive system (K00-K92)	1	0	0	0	1
Gastritis, duodenitis, and noninfective enteritis and colitis (K29, K50-K55)	0	0	0	0	0
Hernia of abdominal cavity and intestinal obstruction without hernia (K40-K46, K56)	1	0	0	0	1
All other and unspecified diseases of digestive system (K00-K28, K30-K38, K57-K92)	0	0	0	0	0
Diseases of the genitourinary system (N00-N95)	0	0	0	0	0
Renal failure and other disorders of kidney (N17-N19, N25, N27)	0	0	0	0	0
Other and unspecified diseases of genitourinary system (N00-N15, N20-N23, N26, N28-N95)	0	0	0	0	0

# Selected Causes of Infant Death

Table A2  
Selected Causes of Infant Death by Child's Race/Ethnicity: Philadelphia, 2016

Cause of Death	White, Non-Hispanic	Black, Non-Hispanic	Asian, Non-Hispanic	Hispanic	All
Certain conditions originating in the perinatal period (P00-P96)	11	75	6	17	114
Newborn affected by maternal factors and by complications of pregnancy, labor and delivery (P00-P04)	3	17	1	3	25
Newborn affected by maternal hypertensive disorders (P00.0)	0	0	0	1	1
Newborn affected by other maternal conditions which may be unrelated to present pregnancy (P00.1-P00.9)	0	1	0	0	1
Newborn affected by maternal complications of pregnancy (P01)	3	10	0	2	15
Newborn affected by incompetent cervix (P01.0)	3	2	0	1	6
Newborn affected by premature rupture of membranes (P01.1)	0	5	0	1	6
Newborn affected by multiple pregnancy (P01.5)	0	2	0	0	2
Newborn affected by other maternal complications of pregnancy (P01.2-P01.4, P01.6-P01.9)	0	1	0	0	1
Newborn affected by complications of placenta, cord and membranes (P02)	0	5	0	0	6
Newborn affected by complications involving placenta (P02.0-P02.3)	0	3	0	0	4
Newborn affected by complications involving cord (P02.4-P02.6)	0	0	0	0	0
Newborn affected by chorioamnionitis (P02.7)	0	2	0	0	2
Newborn affected by other and unspecified abnormalities of membranes (P02.8-P02.9)	0	0	0	0	0
Newborn affected by other complications of labor and delivery (P03)	0	0	1	0	1
Newborn affected by noxious influences transmitted via placenta or breast milk (P04)	0	1	0	0	1

# Selected Causes of Infant Death

Table A2  
Selected Causes of Infant Death by Child's Race/Ethnicity: Philadelphia, 2016

Cause of Death	White, Non-Hispanic	Black, Non-Hispanic	Asian, Non-Hispanic	Hispanic	All
Certain conditions originating in the perinatal period (P00-P96) (continued)	11	75	6	17	114
Disorders related to length of gestation and fetal malnutrition (P05-P08)	4	35	1	10	54
Slow fetal growth and fetal malnutrition (P05)	0	0	0	0	0
Disorders related to short gestation and low birth weight, not elsewhere classified (P07)	4	35	1	10	54
Extremely low birth weight or extreme immaturity (P07.0, P07.2)	4	31	1	8	48
Other low birth weight or preterm (P07.1, P07.3)	0	4	0	2	6
Disorders related to long gestation and high birth weight (P08)	0	0	0	0	0
Birth trauma (P10-P15)	0	0	0	0	0
Intrauterine hypoxia and birth asphyxia (P20-P21)	0	1	0	0	1
Intrauterine hypoxia (P20)	0	0	0	0	0
Birth asphyxia (P21)	0	1	0	0	1
Respiratory distress of newborn (P22)	0	3	0	0	3
Other respiratory conditions originating in the perinatal period (P23-P28)	1	3	0	1	5
Congenital pneumonia (P23)	0	0	0	0	0
Neonatal aspiration syndromes (P24)	0	1	0	0	1
Interstitial emphysema and related conditions originating in the perinatal period (P25)	0	1	0	0	1
Pulmonary hemorrhage originating in the perinatal period (P26)	1	0	0	1	2
Chronic respiratory disease originating in the perinatal period (P27)	0	0	0	0	0
Atelectasis (P28.0-P28.1)	0	0	0	0	0
All other respiratory conditions originating in the perinatal period (P28.2-P28.9)	0	1	0	0	1

# Selected Causes of Infant Death

Table A2  
Selected Causes of Infant Death by Child's Race/Ethnicity: Philadelphia, 2016

Cause of Death	White, Non-Hispanic	Black, Non-Hispanic	Asian, Non-Hispanic	Hispanic	All
Certain conditions originating in the perinatal period (P00-P96) (continued)	11	75	6	17	114
Infections specific to the perinatal period (P35-P39)	0	3	2	1	6
Bacterial sepsis of newborn (P36)	0	0	1	1	2
Omphalitis of newborn with or without mild hemorrhage (P38)	0	0	0	0	0
All other infections specific to the perinatal period (P35, P37, P39)	0	3	1	0	4
Hemorrhagic and hematological disorders of newborn (P50-P61)	0	4	0	0	4
Neonatal hemorrhage (P50-P52, P54)	0	0	0	0	0
Neonatal hemorrhage (P50-P52, P54)	0	4	0	0	4
Hemorrhagic disease of newborn (P53)	0	0	0	0	0
Hemolytic disease of newborn due to isoimmunization and other perinatal jaundice (P55-P59)	0	0	0	0	0
Hematological disorders (P60-P61)	0	0	0	0	0
Syndrome of infant of a diabetic mother and neonatal diabetes mellitus (P70.0-P70.2)	0	0	0	0	0
Necrotizing enterocolitis of newborn (P77)	0	2	1	2	5
Hydrops fetalis not due to hemolytic disease (P83.2)	1	0	0	0	1
Other perinatal conditions (P29, P70.3-P70.9, P71-P76, P78-P81, P83.0-P83.1, P83.3-P83.9, P90-P96)	2	7	1	0	10
Congenital malformations, deformations and chromosomal abnormalities (Q00-Q99)	5	7	1	7	21
Anencephaly and similar malformations (Q00)	0	1	0	2	3
Congenital hydrocephalus (Q03)	0	0	0	0	0
Spina bifida (Q05)	0	0	0	0	0
Other congenital malformations of nervous system (Q01-Q02, Q04, Q06-Q07)	1	0	0	0	1
Congenital malformations of heart (Q20-Q24)	1	2	0	2	5
Other congenital malformations of circulatory system (Q25-Q28)	0	0	0	0	0



# Selected Causes of Infant Death

Table A2  
Selected Causes of Infant Death by Child's Race/Ethnicity: Philadelphia, 2016

Cause of Death	White, Non-Hispanic	Black, Non-Hispanic	Asian, Non-Hispanic	Hispanic	All
Congenital malformations, deformations and chromosomal abnormalities (Q00-Q99) (continued)	5	7	1	7	21
Congenital malformations of respiratory system (Q30-Q34)	1	1	0	0	2
Congenital malformations of digestive system (Q35-Q45)	0	0	0	0	0
Congenital malformations of genitourinary system (Q50-Q64)	0	1	0	2	3
Congenital malformations and deformations of musculoskeletal system, limbs and integument (Q65-Q85)	0	0	0	1	2
Down's syndrome (Q90)	0	0	0	0	0
Edward's syndrome (Q91.0-Q91.3)	2	0	1	0	3
Patau's syndrome (Q91.4-Q91.7)	0	0	0	0	0
Other congenital malformations and deformations (Q10-Q18, Q86-Q89)	0	2	0	0	2
Other chromosomal abnormalities, not elsewhere classified (Q92-Q99)	0	0	0	0	0
Symptoms, signs and abnormal clinical and laboratory findings, not elsewhere classified (R00-R99)	5	17	0	3	25
Sudden infant death syndrome (R95)	2	4	0	1	7
Other symptoms, signs and abnormal clinical and laboratory findings, not elsewhere classified (R00-R53, R55-R94, R96-R99)	3	13	0	2	18
All other diseases (Residual) (F01-F99, H00-H57, L00-M99)	0	0	0	0	0
External causes of mortality (U01, V01-Y84)	2	6	0	1	9
Accidents (unintentional injuries) (V01-X59)	2	6	0	1	9
Transport accidents (V01-V99)	0	0	0	1	1
Motor vehicle accidents (V02-V04, V09.0, V09.2, V12-V14, V19.0-V19.2, V19.4-V19.6, V20-V79, V80.3-V80.5, V81.0-V81.1, V82.0-V82.1, V83-V86, V87.0-V87.8, V88.0-V88.8, V89.0, V89.2)	0	0	0	1	1
Other and unspecified transport accidents (V01, V05-V06, V09.1, V09.3-V09.9, V10-V11, V15-V18, V19.3, V19.8-V19.9, V80.0-V80.2, V80.6-V80.9, V81.2-V81.9, V82.2-V82.9, V87.9, V88.9, V89.1, V89.3, V89.9, V90-V99)	0	0	0	0	0
Falls (W00-W19)	1	0	0	0	1

# Selected Causes of Infant Death

Table A2  
Selected Causes of Infant Death by Child's Race/Ethnicity: Philadelphia, 2016

Cause of Death	White, Non-Hispanic	Black, Non-Hispanic	Asian, Non-Hispanic	Hispanic	All
External causes of mortality (U01, V01-Y84) (continued)	2	6	0	1	9
Accidents (unintentional injuries) (V01-X59) (continued)	2	6	0	1	9
Accidental discharge of firearms (W32-W34)	0	0	0	0	0
Accidental drowning and submersion (W65-W74)	0	0	0	0	0
Accidental suffocation and strangulation in bed (W75)	1	5	0	0	6
Other accidental suffocation and strangulation (W76-W77, W81-W84)	0	0	0	0	0
Accidental inhalation and ingestion of food or other objects causing obstruction of respiratory tract (W78-W80)	0	0	0	0	0
Accidents caused by exposure to smoke, fire and flames (X00-X09)	0	0	0	0	0
Accidental poisoning and exposure to noxious substances (X40-X49)	0	0	0	0	0
Other and unspecified accidents (W20-W31, W35-W64, W85-W99, X10-X39, X50-X59)	0	1	0	0	1
Assault (homicide) (U01, X85-Y09)	0	0	0	0	0
Assault (homicide) by hanging, strangulation and suffocation (X91)	0	0	0	0	0
Assault (homicide) by discharge of firearms (U01.4, X93-X95)	0	0	0	0	0
Neglect, abandonment and other maltreatment syndromes (Y06-Y07)	0	0	0	0	0
Assault (homicide) by other and unspecified means (U01.0-U01.3, U01.5-U01.9, X85-X90, X92, X96-Y05, Y08-Y09)	0	0	0	0	0
Complications of medical and surgical care (Y40-Y84)	0	0	0	0	0
Other external causes (Y10-Y36)	0	0	0	0	0

Race/ethnicity information was unavailable for some infants.

# Selected Causes of Fetal Death

Table A3  
Selected Causes of Fetal Death by Gestational Age: Philadelphia, 2016

Cause of Death	Under 20 Weeks	20-27 Weeks	28 Weeks +	Missing Age	All
All causes	76	102	78	0	256
Certain infectious and parasitic diseases (A00-B99)	0	0	0	0	0
Congenital syphilis (A50)	0	0	0	0	0
Human immunodeficiency virus (HIV) disease (B20-B24)	0	0	0	0	0
Other viral diseases (A80-B19, B25-B34)	0	0	0	0	0
Other and unspecified infectious and parasitic diseases (A00-A49, A51-A79, B35-B99)	0	0	0	0	0
Malignant neoplasms (C00-C97)	0	0	0	0	0
In situ neoplasms, benign neoplasms and neoplasms of uncertain or unknown behavior (D00-D48)	0	1	0	0	1
Anemias (D50-D64)	0	0	0	0	0
Endocrine, nutritional and metabolic diseases (E00-E88)	0	0	0	0	0
Short stature, not elsewhere classified (E34.3)	0	0	0	0	0
Cystic fibrosis (E84)	0	0	0	0	0
Other endocrine, nutritional and metabolic diseases (E00-E32, E34.0-E34.2, E34.4-E34.9, E40-E83, E85-E88)	0	0	0	0	0
Meningitis (G00, G03)	0	0	0	0	0
Other diseases of nervous system and sense organs (G04-H93)	0	0	0	0	0
Umbilical hernia (K42)	0	0	0	0	0
Other hernia (K40-K41, K43-K46)	0	0	0	0	0
Other and unspecified diseases of digestive system (K00-K38, K50-K92)	0	0	0	0	0
All other diseases, excluding perinatal conditions, congenital anomalies, and symptoms, signs and ill-defined conditions (D65-D89, I00-J98, L00-N98, U04)	0	0	0	0	0
Certain conditions originating in the perinatal period (P00-P96)	73	93	68	0	234
Fetus affected by maternal conditions that may be unrelated to present pregnancy (P00)	2	16	8	0	26
Fetus affected by maternal hypertensive disorders (P00.0)	1	14	4	0	19
Fetus affected by maternal renal and urinary tract diseases (P00.1)	0	0	0	0	0
Fetus affected by maternal infectious and parasitic diseases (P00.2)	0	0	0	0	0
Fetus affected by other maternal circulatory and respiratory diseases (P00.3)	0	0	0	0	0
Fetus affected by maternal nutritional disorders (P00.4)	0	0	0	0	0
Fetus affected by maternal injury (P00.5)	0	1	0	0	1
Fetus affected by surgical procedure on mother (P00.6)	0	0	0	0	0

# Selected Causes of Fetal Death

Table A3  
Selected Causes of Fetal Death by Gestational Age: Philadelphia, 2016

Cause of Death	Under 20 Weeks	20-27 Weeks	28 Weeks +	Missing Age	All
Certain conditions originating in the perinatal period (P00-P96) (continued)	73	93	68	0	234
Fetus affected by maternal conditions that may be unrelated to present pregnancy (P00) (continued)	2	16	8	0	26
Fetus affected by other medical procedures and maternal conditions (P00.7-P00.8)	1	1	4	0	6
Fetus affected by unspecified maternal condition (P00.9)	0	0	0	0	0
Fetus affected by maternal complications of pregnancy (P01)	36	25	7	0	68
Fetus affected by incompetent cervix (P01.0)	6	7	0	0	13
Fetus affected by premature rupture of membranes (P01.1)	27	17	3	0	47
Fetus affected by oligohydramnios (P01.2)	0	1	1	0	2
Fetus affected by polyhydramnios (P01.3)	0	0	0	0	0
Fetus affected by ectopic pregnancy (P01.4)	0	0	0	0	0
Fetus affected by multiple pregnancy (P01.5)	1	0	2	0	3
Fetus affected by maternal death (P01.6)	0	0	1	0	1
Fetus affected by malpresentation before labor (P01.7)	0	0	0	0	0
Fetus affected by other and unspecified maternal complications of pregnancy (P01.8-P01.9)	2	0	0	0	2
Fetus affected by complications of placenta, cord and membranes (P02)	7	15	19	0	41
Fetus affected by placenta previa (P02.0)	0	0	0	0	0
Fetus affected by other forms of placental separation and hemorrhage (P02.1)	4	6	10	0	20
Fetus affected by other and unspecified morphological and functional abnormalities of placenta (P02.2)	1	3	4	0	8
Fetus affected by placental transfusion syndromes (P02.3)	0	1	1	0	2
Fetus affected by prolapsed cord (P02.4)	0	0	0	0	0
Fetus affected by other compression of umbilical cord (P02.5)	0	3	2	0	5
Fetus affected by other and unspecified conditions of umbilical cord (P02.6)	0	1	0	0	1
Fetus affected by chorioamnionitis (P02.7)	2	1	2	0	5
Fetus affected by other and unspecified abnormalities of membranes (P02.8-P02.9)	0	0	0	0	0
Fetus affected by other complications of labor and delivery (P03)	0	2	2	0	4
Fetus affected by breech delivery and extraction (P03.0)	0	0	0	0	0
Fetus affected by other malpresentation, malposition and disproportion during labor and delivery (P03.1)	0	0	0	0	0

# Selected Causes of Fetal Death

Table A3  
Selected Causes of Fetal Death by Gestational Age: Philadelphia, 2016

Cause of Death	Under 20 Weeks	20-27 Weeks	28 Weeks +	Missing Age	All
Certain conditions originating in the perinatal period (P00-P96) (continued)	73	93	68	0	234
Fetus affected by other complications of labor and delivery (P03) (continued)	0	2	2	0	4
Fetus affected by forceps delivery (P03.2)	0	0	0	0	0
Fetus affected by delivery by vacuum extractor (ventouse) (P03.3)	0	0	0	0	0
Fetus affected by cesarean delivery (P03.4)	0	0	0	0	0
Fetus affected by precipitate delivery (P03.5)	0	0	0	0	0
Fetus affected by abnormal uterine contractions (P03.6)	0	0	0	0	0
Fetus affected by other and unspecified complications of labor and delivery (P03.8-P03.9)	0	2	2	0	4
Fetus affected by noxious influences transmitted via placenta (P04)	0	0	2	0	2
Slow fetal growth and fetal malnutrition (P05)	1	0	0	0	1
Disorders related to short gestation and low birth weight, not elsewhere classified (P07)	11	6	0	0	17
Extremely low birth weight or extreme immaturity (P07.0, P07.2)	8	4	0	0	12
Other low birth weight and preterm (P07.1, P07.3)	3	2	0	0	5
Disorders related to long gestation and high birth weight (P08)	0	0	0	0	0
Exceptionally large size and other heavy for gestational age fetus (P08.0-P08.1)	0	0	0	0	0
Post-term, not heavy for gestational age fetus (P08.2)	0	0	0	0	0
Birth trauma (P10-P15)	0	0	0	0	0
Intracranial laceration and hemorrhage due to birth injury and other injuries to central nervous system (P10-P11)	0	0	0	0	0
Other birth trauma (P12-P15)	0	0	0	0	0
Intrauterine hypoxia and birth asphyxia (P20-P21)	0	0	0	0	0
Intrauterine hypoxia first noted before onset of labor (P20.0)	0	0	0	0	0
Intrauterine hypoxia first noted during labor and delivery (P20.1)	0	0	0	0	0
Intrauterine hypoxia, unspecified (P20.9)	0	0	0	0	0
Birth asphyxia (P21)	0	0	0	0	0
Other respiratory conditions originating in the perinatal period (P22.8-P22.9, P23-P28)	0	0	0	0	0
Congenital pneumonia (P23)	0	0	0	0	0
Aspiration syndromes (P24)	0	0	0	0	0
Interstitial emphysema and related conditions originating in the perinatal period (P25)	0	0	0	0	0

# Selected Causes of Fetal Death

Table A3  
Selected Causes of Fetal Death by Gestational Age: Philadelphia, 2016

Cause of Death	Under 20 Weeks	20-27 Weeks	28 Weeks +	Missing Age	All
Certain conditions originating in the perinatal period (P00-P96) (continued)	73	93	68	0	234
Other respiratory conditions originating in the perinatal period (P22.8-P22.9, P23-P28) (continued)	0	0	0	0	0
Atelectasis (P28.0-P28.1)	0	0	0	0	0
Other respiratory system disorders (P22.8-P22.9, P26-P27, P28.2-P28.9)	0	0	0	0	0
Infections specific to the perinatal period (P35-P39)	0	0	0	0	0
Congenital rubella syndrome (P35.0)	0	0	0	0	0
Congenital cytomegalovirus infection (P35.1)	0	0	0	0	0
Congenital herpesviral (herpes simplex) infection (P35.2)	0	0	0	0	0
Congenital viral hepatitis (P35.3)	0	0	0	0	0
Bacterial sepsis (P36)	0	0	0	0	0
Congenital tuberculosis (P37.0)	0	0	0	0	0
Congenital toxoplasmosis (P37.1)	0	0	0	0	0
Other infections specific to the perinatal period (P35.8-P35.9, P37.2-P37.9, P38-P39)	0	0	0	0	0
Fetal hemorrhage (P50-P54)	0	0	0	0	0
Hemolytic disease of fetus (P55-P56)	0	0	0	0	0
Rh isoimmunization of fetus (P55.0)	0	0	0	0	0
ABO isoimmunization of fetus (P55.1)	0	0	0	0	0
Other hemolytic disease of fetus (P55.8-P55.9)	0	0	0	0	0
Hydrops fetalis due to hemolytic disease (P56)	0	0	0	0	0
Perinatal jaundice (P57-P59)	0	0	0	0	0
Hematological disorders (P60-P61)	0	0	0	0	0
Transitory endocrine and metabolic disorders specific to fetus (P70-P74)	0	3	6	0	9
Syndrome of infant of a diabetic mother and neonatal diabetes mellitus (P70.0-P70.2)	0	3	6	0	9
Other transitory endocrine and metabolic disorders specific to fetus (P70.3-P70.9, P71-P74)	0	0	0	0	0
Digestive system disorders of fetus (P76-P78)	0	0	0	0	0
Other conditions originating in the perinatal period (P29, P80-P96)	16	26	24	0	66
Hydrops fetalis not due to hemolytic disease (P83.2)	0	0	0	0	0
Fetal death of unspecified cause (P95)	16	26	24	0	66
Withdrawal symptoms from maternal use of drugs of addiction (P96.1)	0	0	0	0	0

# Selected Causes of Fetal Death

Table A3  
Selected Causes of Fetal Death by Gestational Age: Philadelphia, 2016

Cause of Death	Under 20 Weeks	20-27 Weeks	28 Weeks +	Missing Age	All
Certain conditions originating in the perinatal period (P00-P96) (continued)	73	93	68	0	234
Other conditions originating in the perinatal period (P29, P80-P96) (continued)	16	26	24	0	66
Termination of pregnancy (P96.4)	0	0	0	0	0
Complications of intrauterine procedures, not elsewhere classified (P96.5)	0	0	0	0	0
All other specified conditions originating in the perinatal period (P29, P83.0-P83.1, P83.3-P83.9, P91, P94, P96.0, P96.3, P96.8)	0	0	0	0	0
Condition originating in the perinatal period, unspecified (P96.9)	0	0	0	0	0
Congenital malformations, deformations and chromosomal abnormalities (Q00-Q99)	3	8	10	0	21
Congenital malformations of nervous system (Q00-Q07)	0	2	2	0	4
Anencephaly and similar malformations (Q00)	0	1	1	0	2
Encephalocele (Q01)	0	0	0	0	0
Microcephaly (Q02)	0	0	0	0	0
Congenital hydrocephalus (Q03)	0	1	0	0	1
Reduction deformities of brain (Q04.0-Q04.3)	0	0	1	0	1
Other congenital malformations of brain (Q04.4-Q04.9)	0	0	0	0	0
Spina bifida (Q05)	0	0	0	0	0
Other congenital malformations of spinal cord and nervous system (Q06-Q07)	0	0	0	0	0
Congenital malformations of eye, ear, face and neck (Q10-Q18)	0	0	0	0	0
Congenital malformations of heart (Q20-Q24)	0	2	2	0	4
Other congenital malformations of circulatory system (Q25-Q28)	1	0	0	0	1
Congenital malformations of lung (Q33)	0	0	0	0	0
Other congenital malformations of respiratory system (Q30-Q32, Q34)	0	0	0	0	0
Congenital malformations of digestive system (Q35-Q45)	0	0	0	0	0
Congenital malformations of genital organs (Q50-Q56)	0	0	0	0	0
Congenital malformations of urinary system (Q60-Q64)	1	0	1	0	2
Renal agenesis and other reduction defects of kidney (Q60)	0	0	1	0	1
Cystic kidney disease (Q61)	0	0	0	0	0
Other congenital malformations of urinary system (Q62-Q64)	1	0	0	0	1
Congenital malformations and deformations of musculoskeletal system, limbs and integument (Q65-Q85)	0	0	1	0	1

# Selected Causes of Fetal Death

Table A3  
Selected Causes of Fetal Death by Gestational Age: Philadelphia, 2016

Cause of Death	Under 20 Weeks	20-27 Weeks	28 Weeks +	Missing Age	All
Congenital malformations, deformations and chromosomal abnormalities (Q00-Q99) (continued)	3	8	10	0	21
Other congenital malformations (Q86-Q89)	0	1	1	0	2
Conjoined twins (Q89.4)	0	0	0	0	0
Multiple congenital malformations, not elsewhere classified (Q89.7)	0	1	1	0	2
All other congenital malformations (Q86-Q87, Q89.0-Q89.3, Q89.8-Q89.9)	0	0	0	0	0
Chromosomal abnormalities, not elsewhere classified (Q90-Q99)	1	3	3	0	7
Down's syndrome (Q90)	0	1	1	0	2
Edward's syndrome (Q91.0-Q91.3)	0	1	2	0	3
Patau's syndrome (Q91.4-Q91.7)	0	1	0	0	1
Other chromosomal abnormalities, not elsewhere classified (Q92-Q99)	1	0	0	0	1
Symptoms, signs and abnormal clinical and laboratory findings, not elsewhere classified (R83-R94)	0	0	0	0	0
External causes of mortality (*U01, V01-Y84)	0	0	0	0	0
Accidents (unintentional injuries) (V01-X59)	0	0	0	0	0
Assault (homicide) (*U01, X85-Y09)	0	0	0	0	0
Complications of medical and surgical care (Y40-Y84)	0	0	0	0	0
Other external causes (Y10-Y36)	0	0	0	0	0



# Selected Causes of Death

Table A4A  
Selected Causes of Death by Age Group among All Residents: Philadelphia, 2016

Cause of Death	< 5	5-14	15-24	25-34	35-44	45-54	55-64	65-74	75-84	85 +	Missing	Total
All causes	216	30	231	433	543	1154	2255	2724	2981	3745	2	14314
Salmonella infections (A01-A02)	0	0	0	0	0	0	0	0	0	0	0	0
Shigellosis and amebiasis (A03, A06)	0	0	0	0	0	0	0	0	0	0	0	0
Certain other intestinal infections (A04, A07-A09)	3	0	0	0	0	1	1	9	14	14	0	42
Tuberculosis (A16-A19)	0	0	0	0	0	1	1	0	0	0	0	2
Respiratory tuberculosis (A16)	0	0	0	0	0	0	1	0	0	0	0	1
Other tuberculosis (A17-A19)	0	0	0	0	0	1	0	0	0	0	0	1
Whooping cough (A37)	0	0	0	0	0	0	0	0	0	0	0	0
Scarlet fever and erysipelas (A38, A46)	0	0	0	0	0	0	0	0	0	0	0	0
Meningococcal infection (A39)	0	0	0	0	0	0	0	0	0	0	0	0
Septicemia (A40-A41)	1	2	1	3	10	26	65	88	81	84	0	361
Syphilis (A50-A53)	0	0	0	0	0	0	0	0	0	0	0	0
Acute poliomyelitis (A80)	0	0	0	0	0	0	0	0	0	0	0	0
Arthropod-borne viral encephalitis (A83-A84, A85.2)	0	0	0	0	0	0	0	0	0	0	0	0
Measles (B05)	0	0	0	0	0	0	0	0	0	0	0	0
Viral hepatitis (B15-B19)	0	0	0	1	2	8	24	12	5	1	0	53
Human immunodeficiency virus (HIV) disease (B20-B24)	0	0	0	7	10	19	29	8	3	0	0	76
Malaria (B50-B54)	0	0	0	0	0	0	0	0	0	0	0	0
Other and unspecified infectious and parasitic diseases and their sequelae (A00, A05, A20-A36, A42-A44, A48-A49, A54-A79, A81-A82, A85.0-A85.1, A85.8, A86-B04, B06-B09, B25-B49, B55-B99)	3	0	1	1	2	1	11	6	7	4	0	36
Malignant neoplasms (C00-C97)	4	5	9	18	68	215	650	881	770	509	0	3129
Malignant neoplasms of lip, oral cavity and pharynx (C00-C14)	0	0	0	0	1	5	7	12	5	7	0	37
Malignant neoplasm of esophagus (C15)	0	0	0	0	0	6	14	22	13	8	0	63
Malignant neoplasm of stomach (C16)	0	0	0	0	0	9	16	13	17	14	0	69
Malignant neoplasms of colon, rectum and anus (C18-C21)	0	0	0	2	10	24	58	88	71	63	0	316
Malignant neoplasms of liver and intrahepatic bile ducts (C22)	0	0	0	0	5	15	73	49	36	16	0	194
Malignant neoplasm of pancreas (C25)	0	0	0	0	5	13	48	67	61	27	0	221
Malignant neoplasm of larynx (C32)	0	0	0	0	0	3	6	10	7	5	0	31

# Selected Causes of Death

Table A4A  
Selected Causes of Death by Age Group among All Residents: Philadelphia, 2016

Cause of Death	< 5	5-14	15-24	25-34	35-44	45-54	55-64	65-74	75-84	85 +	Missing	Total
Malignant neoplasms (C00-C97) (continued)	4	5	9	18	68	215	650	881	770	509	0	3129
Malignant neoplasms of trachea, bronchus and lung (C33-C34)	0	0	0	0	5	43	184	256	235	101	0	824
Malignant melanoma of skin (C43)	0	0	0	1	0	0	1	2	3	7	0	14
Malignant neoplasm of breast (C50)	0	0	0	3	8	31	51	53	40	40	0	226
Malignant neoplasm of cervix uteri (C53)	0	0	0	1	3	8	4	6	4	0	0	26
Malignant neoplasms of corpus uteri and uterus, part unspecified (C54-C55)	0	0	0	0	3	4	14	30	19	11	0	81
Malignant neoplasm of ovary (C56)	0	0	0	1	1	8	14	13	13	6	0	56
Malignant neoplasm of prostate (C61)	0	0	0	0	0	5	26	45	55	56	0	187
Malignant neoplasms of kidney and renal pelvis (C64-C65)	0	0	1	1	0	5	12	19	18	10	0	66
Malignant neoplasm of bladder (C67)	0	0	0	0	0	3	9	22	21	29	0	84
Malignant neoplasms of meninges, brain and other parts of central nervous system (C70-C72)	0	3	1	3	9	4	14	5	6	6	0	51
Malignant neoplasms of lymphoid, hematopoietic and related tissue (C81-C96)	1	1	5	1	10	9	32	66	74	40	0	239
Hodgkin's disease (C81)	0	0	1	0	0	0	1	0	2	0	0	4
Non-Hodgkin's lymphoma (C82-C85)	1	0	0	0	3	2	13	17	20	18	0	74
Leukemia (C91-C95)	0	1	4	1	5	6	8	23	28	13	0	89
Multiple myeloma and immunoproliferative neoplasms (C88, C90)	0	0	0	0	2	1	10	26	24	9	0	72
Other and unspecified malignant neoplasms of lymphoid, hematopoietic and related tissue (C96)	0	0	0	0	0	0	0	0	0	0	0	0
All other and unspecified malignant neoplasms (C17, C23-C24, C26-C31, C37-C41, C44-C49, C51-C52, C57-C60, C62-C63, C66, C68-C69, C73-C80, C97)	3	1	2	4	8	20	67	103	72	63	0	343
In situ neoplasms, benign neoplasms and neoplasms of uncertain or unknown behavior (D00-D48)	0	0	1	2	3	3	9	9	17	10	0	54
Anemias (D50-D64)	0	0	2	0	4	6	4	3	7	15	0	41
Diabetes mellitus (E10-E14)	0	0	0	3	7	32	66	99	85	54	0	346
Nutritional deficiencies (E40-E64)	0	0	0	0	0	1	2	1	3	9	0	16
Malnutrition (E40-E46)	0	0	0	0	0	1	2	1	3	8	0	15
Other nutritional deficiencies (E50-E64)	0	0	0	0	0	0	0	0	0	1	0	1
Meningitis (G00, G03)	1	0	0	1	1	0	0	1	0	0	0	4

# Selected Causes of Death

Table A4A  
Selected Causes of Death by Age Group among All Residents: Philadelphia, 2016

Cause of Death	< 5	5-14	15-24	25-34	35-44	45-54	55-64	65-74	75-84	85 +	Missing	Total
Parkinson's disease (G20-G21)	0	0	0	0	0	0	1	6	36	35	0	78
Alzheimer's disease (G30)	0	0	0	0	0	0	1	12	62	148	0	223
Major cardiovascular diseases (I00-I78)	9	3	8	38	108	326	674	854	998	1472	0	4490
Diseases of heart (I00-I09, I11, I13, I20-I51)	4	1	7	32	97	282	570	684	746	1116	0	3539
Acute rheumatic fever and chronic rheumatic heart diseases (I00-I09)	0	0	0	0	1	3	1	1	4	4	0	14
Hypertensive heart disease (I11)	0	0	2	10	30	89	99	77	57	80	0	444
Hypertensive heart and renal disease (I13)	0	0	0	0	2	1	6	7	8	4	0	28
Ischemic heart diseases (I20-I25)	0	0	0	12	45	126	330	403	431	562	0	1909
Acute myocardial infarction (I21-I22)	0	0	0	1	10	34	59	88	102	133	0	427
Other acute ischemic heart diseases (I24)	0	0	0	0	1	2	1	1	6	3	0	14
Other forms of chronic ischemic heart disease (I20, I25)	0	0	0	10	34	90	270	314	323	426	0	1467
Atherosclerotic cardiovascular disease, so described (I25.0)	0	0	0	7	28	68	192	171	116	121	0	703
All other forms of chronic ischemic heart disease (I20, I25.1-I25.9)	0	0	0	3	6	22	78	143	207	305	0	764
Other heart diseases (I26-I51)	4	1	5	8	19	63	134	196	246	466	0	1142
Acute and subacute endocarditis (I33)	0	0	0	1	0	1	1	1	0	0	0	4
Diseases of pericardium and acute myocarditis (I30-I31, I40)	0	0	0	0	0	2	0	2	0	0	0	4
Heart failure (I50)	0	0	0	1	3	10	29	74	107	200	0	424
All other forms of heart disease (I26-I28, I34-I38, I42-I49, I51)	4	1	5	6	16	50	104	119	139	266	0	710
Essential hypertension and hypertensive renal disease (I10, I12, I15)	0	0	0	0	1	12	18	20	31	44	0	126
Cerebrovascular diseases (I60-I69)	4	1	1	4	6	24	74	119	186	269	0	688
Atherosclerosis (I70)	0	0	0	0	0	1	1	3	5	5	0	15
Other diseases of circulatory system (I71-I78)	1	1	0	0	4	7	11	28	30	38	0	120
Aortic aneurysm and dissection (I71)	0	0	0	0	2	3	6	13	15	11	0	50
Other diseases of arteries, arterioles and capillaries (I72-I78)	1	1	0	0	2	4	5	15	15	27	0	70
Other disorders of circulatory system (I80-I99)	0	0	0	4	1	2	1	2	3	3	0	16

# Selected Causes of Death

Table A4A  
Selected Causes of Death by Age Group among All Residents: Philadelphia, 2016

Cause of Death	< 5	5-14	15-24	25-34	35-44	45-54	55-64	65-74	75-84	85 +	Missing	Total
Influenza and pneumonia (J09-J18)	1	1	0	1	6	20	26	37	69	85	0	246
Influenza (J09-J11)	0	1	0	1	1	2	4	1	6	4	0	20
Pneumonia (J12-J18)	1	0	0	0	5	18	22	36	63	81	0	226
Other acute lower respiratory infections (J20-J22, U04)	0	0	0	0	0	0	0	0	0	0	0	0
Acute bronchitis and bronchiolitis (J20-J21)	0	0	0	0	0	0	0	0	0	0	0	0
Other and unspecified acute lower respiratory infections (J22, U04)	0	0	0	0	0	0	0	0	0	0	0	0
Chronic lower respiratory diseases (J40-J47)	1	1	0	2	0	21	90	141	163	148	1	568
Bronchitis, chronic and unspecified (J40-J42)	0	0	0	0	0	0	0	1	0	1	0	2
Emphysema (J43)	0	0	0	0	0	0	4	5	8	1	0	18
Asthma (J45-J46)	1	1	0	1	0	3	6	4	2	1	0	19
Other chronic lower respiratory diseases (J44, J47)	0	0	0	1	0	18	80	131	153	145	1	529
Pneumoconioses and chemical effects (J60-J66, J68)	0	0	0	0	0	0	0	0	2	0	0	2
Pneumonitis due to solids and liquids (J69)	0	0	0	2	0	1	9	14	24	44	1	95
Other diseases of respiratory system (J00-J06, J30-J39, J67, J70-J98)	2	0	0	3	5	17	15	44	60	66	0	212
Peptic ulcer (K25-K28)	0	0	0	0	2	0	3	2	3	3	0	13
Diseases of appendix (K35-K38)	0	0	0	0	0	0	0	1	0	1	0	2
Hernia (K40-K46)	1	0	0	0	0	0	1	1	1	5	0	9
Chronic liver disease and cirrhosis (K70, K73-K74)	1	0	0	3	7	17	40	25	13	5	0	111
Alcoholic liver disease (K70)	0	0	0	2	5	7	16	3	1	0	0	34
Other chronic liver disease and cirrhosis (K73-K74)	1	0	0	1	2	10	24	22	12	5	0	77
Cholelithiasis and other disorders of gallbladder (K80-K82)	0	0	0	1	0	0	3	0	2	6	0	12
Nephritis, nephrotic syndrome and nephrosis (N00-N07, N17-N19, N25-N27)	0	0	1	0	6	13	46	74	97	94	0	331
Acute and rapidly progressive nephritic and nephrotic syndrome (N00-N01, N04)	0	0	0	0	0	0	0	0	1	2	0	3
Chronic glomerulonephritis, nephritis and nephropathy not specified as acute or chronic, and renal sclerosis unspecified (N02-N03, N05-N07, N26)	0	0	1	0	0	0	0	0	0	0	0	1
Renal failure (N17-N19)	0	0	0	0	6	13	46	74	96	92	0	327
Other disorders of kidney (N25, N27)	0	0	0	0	0	0	0	0	0	0	0	0
Infections of kidney (N10-N12, N13.6, N15.1)	0	0	0	0	1	0	3	1	0	1	0	6

# Selected Causes of Death

Table A4A  
Selected Causes of Death by Age Group among All Residents: Philadelphia, 2016

Cause of Death	< 5	5-14	15-24	25-34	35-44	45-54	55-64	65-74	75-84	85 +	Missing	Total
Hyperplasia of prostate (N40)	0	0	0	0	0	0	0	0	1	3	0	4
Inflammatory diseases of female pelvic organs (N70-N76)	0	0	0	0	0	0	0	0	0	1	0	1
Pregnancy, childbirth and the puerperium (O00-O99)	0	0	0	1	5	0	0	0	0	0	0	6
Pregnancy with abortive outcome (O00-O07)	0	0	0	0	0	0	0	0	0	0	0	0
Other complications of pregnancy, childbirth and the puerperium (O10-O99)	0	0	0	1	5	0	0	0	0	0	0	6
Certain conditions originating in the perinatal period (P00-P96)	115	0	0	0	0	0	0	0	0	0	0	115
Congenital malformations, deformations and chromosomal abnormalities (Q00-Q99)	25	2	2	3	2	4	2	2	1	1	0	44
Symptoms, signs and abnormal clinical and laboratory findings, not elsewhere classified (R00-R99)	25	1	8	13	16	29	50	31	49	124	0	346
All other diseases (Residual) (D65-E07, E15-E34, E65-F99, G04-G14, G23-G25, G31-H93, K00-K22, K29-K31, K50-K66, K71-K72, K75-K76, K83-M99, N13.0-N13.5, N13.7-N13.9, N14, N15.0, N15.8-N15.9, N20-N23, N28-N39, N41-N64, N80-N98)	4	3	14	17	36	102	215	278	341	697	0	1707
Accidents (unintentional injuries) (V01-X59, Y85-Y86)	15	9	69	179	188	224	176	61	52	96	0	1069
Transport accidents (V01-V99, Y85)	4	2	24	20	21	9	13	12	6	4	0	115
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)	4	2	22	18	19	9	13	11	6	4	0	108
Other land 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)	0	0	2	2	2	0	0	0	0	0	0	6
Water, air and space, and other and unspecified transport accidents and their sequelae (V90-V99, Y85)	0	0	0	0	0	0	0	1	0	0	0	1
Nontransport accidents (W00-X59, Y86)	11	7	45	157	167	215	163	49	46	92	0	952
Falls (W00-W19)	1	0	1	3	2	10	19	12	24	64	0	136
Accidental discharge of firearms (W32-W34)	1	0	0	0	0	1	0	0	0	0	0	2
Accidental drowning and submersion (W65-W74)	0	2	3	0	1	2	1	3	0	0	0	12
Accidental exposure to smoke, fire and flames (X00-X09)	2	3	0	1	1	0	4	5	2	2	0	20

# Selected Causes of Death

Table A4A  
Selected Causes of Death by Age Group among All Residents: Philadelphia, 2016

Cause of Death	< 5	5-14	15-24	25-34	35-44	45-54	55-64	65-74	75-84	85 +	Missing	Total
Accidents (unintentional injuries) (V01-X59, Y85-Y86)												
(continued)	15	9	69	179	188	224	176	61	52	96	0	1069
Nontransport accidents (W00-X59, Y86) (continued)	11	7	45	157	167	215	163	49	46	92	0	952
Accidental poisoning and exposure to noxious substances (X40-X49)	0	1	40	153	157	188	128	21	7	1	0	696
Other and unspecified nontransport accidents and their sequelae (W20-W31, W35-W64, W75-W99, X10-X39, X50-X59, Y86)	7	1	1	0	6	14	11	8	13	25	0	86
Intentional self-harm (suicide) (U03, X60-X84, Y87.0)	0	1	17	27	18	32	27	10	8	4	0	144
Intentional self-harm (suicide) by discharge of firearms (X72-X74)	0	0	4	12	5	9	11	3	7	1	0	52
Intentional self-harm (suicide) by other and unspecified means and their sequelae (U03, X60-X71, X75-X84, Y87.0)	0	1	13	15	13	23	16	7	1	3	0	92
Assault (homicide) (U01-U02, X85-Y09, Y87.1)	4	2	97	108	31	30	7	1	2	2	0	284
Assault (homicide) by discharge of firearms (U01.4, X93-X95)	1	2	90	96	27	19	3	0	1	0	0	239
Assault (homicide) by other and unspecified means and their sequelae (U01.0-U01.3, U01.5-U01.9, U02, X85-X92, X96-Y09, Y87.1)	3	0	7	12	4	11	4	1	1	2	0	45
Legal intervention (Y35, Y89.0)	0	0	0	0	0	0	0	0	0	0	0	0
Events of undetermined intent (Y10-Y34, Y87.2, Y89.9)	1	0	1	2	4	1	3	0	0	0	0	12
Discharge of firearms, undetermined intent (Y22-Y24)	0	0	1	0	2	0	0	0	0	0	0	3
Other and unspecified events of undetermined intent and their sequelae (Y10-Y21, Y25-Y34, Y87.2, Y89.9)	1	0	0	2	2	1	3	0	0	0	0	9
Operations of war and their sequelae (Y36, Y89.1)	0	0	0	0	0	0	0	0	0	0	0	0
Complications of medical and surgical care (Y40-Y84, Y88)	0	0	0	0	0	2	0	10	2	1	0	15

# Selected Causes of Death

Table A4B  
Selected Causes of Death by Age Group among Males: Philadelphia, 2016

Cause of Death	< 5	5-14	15-24	25-34	35-44	45-54	55-64	65-74	75-84	85 +	Missing	Total
All causes	134	20	177	333	358	676	1314	1492	1388	1285	1	7178
Salmonella infections (A01-A02)	0	0	0	0	0	0	0	0	0	0	0	0
Shigellosis and amebiasis (A03, A06)	0	0	0	0	0	0	0	0	0	0	0	0
Certain other intestinal infections (A04, A07-A09)	2	0	0	0	0	0	1	7	4	4	0	18
Tuberculosis (A16-A19)	0	0	0	0	0	0	0	0	0	0	0	0
Respiratory tuberculosis (A16)	0	0	0	0	0	0	0	0	0	0	0	0
Other tuberculosis (A17-A19)	0	0	0	0	0	0	0	0	0	0	0	0
Whooping cough (A37)	0	0	0	0	0	0	0	0	0	0	0	0
Scarlet fever and erysipelas (A38, A46)	0	0	0	0	0	0	0	0	0	0	0	0
Meningococcal infection (A39)	0	0	0	0	0	0	0	0	0	0	0	0
Septicemia (A40-A41)	0	1	0	1	4	15	33	54	30	29	0	167
Syphilis (A50-A53)	0	0	0	0	0	0	0	0	0	0	0	0
Acute poliomyelitis (A80)	0	0	0	0	0	0	0	0	0	0	0	0
Arthropod-borne viral encephalitis (A83-A84, A85.2)	0	0	0	0	0	0	0	0	0	0	0	0
Measles (B05)	0	0	0	0	0	0	0	0	0	0	0	0
Viral hepatitis (B15-B19)	0	0	0	0	0	7	16	9	4	1	0	37
Human immunodeficiency virus (HIV) disease (B20-B24)	0	0	0	6	5	11	23	5	3	0	0	53
Malaria (B50-B54)	0	0	0	0	0	0	0	0	0	0	0	0
Other and unspecified infectious and parasitic diseases and their sequelae (A00, A05, A20-A36, A42-A44, A48-A49, A54-A79, A81-A82, A85.0-A85.1, A85.8, A86-B04, B06-B09, B25-B49, B55-B99)	0	0	0	1	0	0	5	5	5	1	0	17
Malignant neoplasms (C00-C97)	2	2	5	9	32	100	349	475	367	228	0	1569
Malignant neoplasms of lip, oral cavity and pharynx (C00-C14)	0	0	0	0	1	5	6	9	4	5	0	30
Malignant neoplasm of esophagus (C15)	0	0	0	0	0	6	11	17	8	3	0	45
Malignant neoplasm of stomach (C16)	0	0	0	0	0	7	11	6	10	5	0	39
Malignant neoplasms of colon, rectum and anus (C18-C21)	0	0	0	1	5	12	36	53	26	17	0	150
Malignant neoplasms of liver and intrahepatic bile ducts (C22)	0	0	0	0	4	11	52	37	20	7	0	131
Malignant neoplasm of pancreas (C25)	0	0	0	0	4	5	27	30	28	13	0	107
Malignant neoplasm of larynx (C32)	0	0	0	0	0	3	4	8	4	5	0	24

# Selected Causes of Death

Table A4B  
Selected Causes of Death by Age Group among Males: Philadelphia, 2016

Cause of Death	< 5	5-14	15-24	25-34	35-44	45-54	55-64	65-74	75-84	85 +	Missing	Total
Malignant neoplasms (C00-C97) (continued)	2	2	5	9	32	100	349	475	367	228	0	1569
Malignant neoplasms of trachea, bronchus and lung (C33-C34)	0	0	0	0	4	26	91	141	103	50	0	415
Malignant melanoma of skin (C43)	0	0	0	1	0	0	1	0	1	5	0	8
Malignant neoplasm of breast (C50)	0	0	0	0	0	0	1	1	0	0	0	2
Malignant neoplasm of cervix uteri (C53)	0	0	0	0	0	0	0	0	0	0	0	0
Malignant neoplasms of corpus uteri and uterus, part unspecified (C54-C55)	0	0	0	0	0	0	0	0	0	0	0	0
Malignant neoplasm of ovary (C56)	0	0	0	0	0	0	0	0	0	0	0	0
Malignant neoplasm of prostate (C61)	0	0	0	0	0	5	26	45	55	56	0	187
Malignant neoplasms of kidney and renal pelvis (C64-C65)	0	0	0	0	0	5	7	9	11	4	0	36
Malignant neoplasm of bladder (C67)	0	0	0	0	0	2	8	13	14	18	0	55
Malignant neoplasms of meninges, brain and other parts of central nervous system (C70-C72)	0	1	1	3	6	2	8	4	4	3	0	32
Malignant neoplasms of lymphoid, hematopoietic and related tissue (C81-C96)	1	1	3	1	6	5	22	39	44	11	0	133
Hodgkin's disease (C81)	0	0	1	0	0	0	1	0	1	0	0	3
Non-Hodgkin's lymphoma (C82-C85)	1	0	0	0	1	1	9	11	12	5	0	40
Leukemia (C91-C95)	0	1	2	1	5	3	5	12	21	3	0	53
Multiple myeloma and immunoproliferative neoplasms (C88, C90)	0	0	0	0	0	1	7	16	10	3	0	37
Other and unspecified malignant neoplasms of lymphoid, hematopoietic and related tissue (C96)	0	0	0	0	0	0	0	0	0	0	0	0
All other and unspecified malignant neoplasms (C17, C23-C24, C26-C31, C37-C41, C44-C49, C51-C52, C57-C60, C62-C63, C66, C68-C69, C73-C80, C97)	1	0	1	2	2	6	38	63	35	26	0	174
In situ neoplasms, benign neoplasms and neoplasms of uncertain or unknown behavior (D00-D48)	0	0	0	0	3	2	5	4	7	4	0	25
Anemias (D50-D64)	0	0	1	0	1	4	1	2	3	3	0	15
Diabetes mellitus (E10-E14)	0	0	0	3	5	19	39	57	40	14	0	177
Nutritional deficiencies (E40-E64)	0	0	0	0	0	0	1	1	2	1	0	5
Malnutrition (E40-E46)	0	0	0	0	0	0	1	1	2	1	0	5
Other nutritional deficiencies (E50-E64)	0	0	0	0	0	0	0	0	0	0	0	0
Meningitis (G00, G03)	1	0	0	0	1	0	0	1	0	0	0	3



# Selected Causes of Death

Table A4B  
Selected Causes of Death by Age Group among Males: Philadelphia, 2016

Cause of Death	< 5	5-14	15-24	25-34	35-44	45-54	55-64	65-74	75-84	85 +	Missing	Total
Parkinson's disease (G20-G21)	0	0	0	0	0	0	1	6	22	17	0	46
Alzheimer's disease (G30)	0	0	0	0	0	0	1	3	24	23	0	51
Major cardiovascular diseases (I00-I78)	4	3	5	31	77	197	417	465	480	504	0	2183
Diseases of heart (I00-I09, I11, I13, I20-I51)	1	1	5	26	71	177	356	378	383	401	0	1799
Acute rheumatic fever and chronic rheumatic heart diseases (I00-I09)	0	0	0	0	1	1	0	0	1	1	0	4
Hypertensive heart disease (I11)	0	0	2	8	18	50	53	43	22	21	0	217
Hypertensive heart and renal disease (I13)	0	0	0	0	2	1	3	5	8	1	0	20
Ischemic heart diseases (I20-I25)	0	0	0	10	36	83	231	231	234	199	0	1024
Acute myocardial infarction (I21-I22)	0	0	0	1	7	18	43	46	47	41	0	203
Other acute ischemic heart diseases (I24)	0	0	0	0	1	1	1	0	4	1	0	8
Other forms of chronic ischemic heart disease (I20, I25)	0	0	0	8	28	64	187	185	183	157	0	812
Atherosclerotic cardiovascular disease, so described (I25.0)	0	0	0	5	22	52	134	99	71	35	0	418
All other forms of chronic ischemic heart disease (I20, I25.1-I25.9)	0	0	0	3	6	12	53	86	112	122	0	394
Other heart diseases (I26-I51)	1	1	3	6	14	42	69	99	118	179	0	532
Acute and subacute endocarditis (I33)	0	0	0	1	0	0	1	1	0	0	0	3
Diseases of pericardium and acute myocarditis (I30-I31, I40)	0	0	0	0	0	1	0	0	0	0	0	1
Heart failure (I50)	0	0	0	0	2	8	15	43	55	86	0	209
All other forms of heart disease (I26-I28, I34-I38, I42-I49, I51)	1	1	3	5	12	33	53	55	63	93	0	319
Essential hypertension and hypertensive renal disease (I10, I12, I15)	0	0	0	0	1	6	10	8	11	15	0	51
Cerebrovascular diseases (I60-I69)	2	1	0	3	2	10	41	61	75	74	0	269
Atherosclerosis (I70)	0	0	0	0	0	0	1	1	1	3	0	6
Other diseases of circulatory system (I71-I78)	1	1	0	0	3	4	9	17	10	11	0	56
Aortic aneurysm and dissection (I71)	0	0	0	0	1	3	4	8	5	3	0	24
Other diseases of arteries, arterioles and capillaries (I72-I78)	1	1	0	0	2	1	5	9	5	8	0	32
Other disorders of circulatory system (I80-I99)	0	0	0	3	0	2	1	1	1	1	0	9

# Selected Causes of Death

Table A4B  
Selected Causes of Death by Age Group among Males: Philadelphia, 2016

Cause of Death	< 5	5-14	15-24	25-34	35-44	45-54	55-64	65-74	75-84	85 +	Missing	Total
Influenza and pneumonia (J09-J18)	1	1	0	0	2	12	17	22	39	24	0	118
Influenza (J09-J11)	0	1	0	0	1	1	3	1	3	2	0	12
Pneumonia (J12-J18)	1	0	0	0	1	11	14	21	36	22	0	106
Other acute lower respiratory infections (J20-J22, U04)	0	0	0	0	0	0	0	0	0	0	0	0
Acute bronchitis and bronchiolitis (J20-J21)	0	0	0	0	0	0	0	0	0	0	0	0
Other and unspecified acute lower respiratory infections (J22, U04)	0	0	0	0	0	0	0	0	0	0	0	0
Chronic lower respiratory diseases (J40-J47)	1	1	0	2	0	5	39	68	63	58	1	238
Bronchitis, chronic and unspecified (J40-J42)	0	0	0	0	0	0	0	1	0	0	0	1
Emphysema (J43)	0	0	0	0	0	0	2	2	4	0	0	8
Asthma (J45-J46)	1	1	0	1	0	1	2	1	1	0	0	8
Other chronic lower respiratory diseases (J44, J47)	0	0	0	1	0	4	35	64	58	58	1	221
Pneumoconioses and chemical effects (J60-J66, J68)	0	0	0	0	0	0	0	0	1	0	0	1
Pneumonitis due to solids and liquids (J69)	0	0	0	1	0	0	7	6	11	26	0	51
Other diseases of respiratory system (J00-J06, J30-J39, J67, J70-J98)	1	0	0	2	3	7	6	25	30	19	0	93
Peptic ulcer (K25-K28)	0	0	0	0	2	0	3	1	2	0	0	8
Diseases of appendix (K35-K38)	0	0	0	0	0	0	0	0	0	1	0	1
Hernia (K40-K46)	1	0	0	0	0	0	1	1	0	2	0	5
Chronic liver disease and cirrhosis (K70, K73-K74)	0	0	0	2	4	10	29	15	7	4	0	71
Alcoholic liver disease (K70)	0	0	0	2	3	3	13	2	0	0	0	23
Other chronic liver disease and cirrhosis (K73-K74)	0	0	0	0	1	7	16	13	7	4	0	48
Cholelithiasis and other disorders of gallbladder (K80-K82)	0	0	0	1	0	0	3	0	2	2	0	8
Nephritis, nephrotic syndrome and nephrosis (N00-N07, N17-N19, N25-N27)	0	0	1	0	1	9	25	39	47	39	0	161
Acute and rapidly progressive nephritic and nephrotic syndrome (N00-N01, N04)	0	0	0	0	0	0	0	0	0	0	0	0
Chronic glomerulonephritis, nephritis and nephropathy not specified as acute or chronic, and renal sclerosis unspecified (N02-N03, N05-N07, N26)	0	0	1	0	0	0	0	0	0	0	0	1
Renal failure (N17-N19)	0	0	0	0	1	9	25	39	47	39	0	160
Other disorders of kidney (N25, N27)	0	0	0	0	0	0	0	0	0	0	0	0
Infections of kidney (N10-N12, N13.6, N15.1)	0	0	0	0	1	0	1	0	0	1	0	3

# Selected Causes of Death

Table A4B  
Selected Causes of Death by Age Group among Males: Philadelphia, 2016

Cause of Death	< 5	5-14	15-24	25-34	35-44	45-54	55-64	65-74	75-84	85 +	Missing	Total
Hyperplasia of prostate (N40)	0	0	0	0	0	0	0	0	1	3	0	4
Inflammatory diseases of female pelvic organs (N70-N76)	0	0	0	0	0	0	0	0	0	0	0	0
Pregnancy, childbirth and the puerperium (O00-O99)	0	0	0	0	0	0	0	0	0	0	0	0
Pregnancy with abortive outcome (O00-O07)	0	0	0	0	0	0	0	0	0	0	0	0
Other complications of pregnancy, childbirth and the puerperium (O10-O99)	0	0	0	0	0	0	0	0	0	0	0	0
Certain conditions originating in the perinatal period (P00-P96)	72	0	0	0	0	0	0	0	0	0	0	72
Congenital malformations, deformations and chromosomal abnormalities (Q00-Q99)	17	2	2	2	1	2	1	1	1	0	0	29
Symptoms, signs and abnormal clinical and laboratory findings, not elsewhere classified (R00-R99)	18	0	3	9	12	19	31	19	22	34	0	167
All other diseases (Residual) (D65-E07, E15-E34, E65-F99, G04-G14, G23-G25, G31-H93, K00-K22, K29-K31, K50-K66, K71-K72, K75-K76, K83-M99, N13.0-N13.5, N13.7-N13.9, N14, N15.0, N15.8-N15.9, N20-N23, N28-N39, N41-N64, N80-N98)	1	2	9	8	25	60	113	142	131	203	0	694
Accidents (unintentional injuries) (V01-X59, Y85-Y86)	10	6	45	135	132	144	118	45	30	36	0	701
Transport accidents (V01-V99, Y85)	1	1	17	17	17	6	9	7	3	3	0	81
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	1	16	15	15	6	9	6	3	3	0	75
Other land 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)	0	0	1	2	2	0	0	0	0	0	0	5
Water, air and space, and other and unspecified transport accidents and their sequelae (V90-V99, Y85)	0	0	0	0	0	0	0	1	0	0	0	1
Nontransport accidents (W00-X59, Y86)	9	5	28	116	115	138	109	38	27	33	0	618
Falls (W00-W19)	1	0	1	3	2	10	14	8	15	21	0	75
Accidental discharge of firearms (W32-W34)	0	0	0	0	0	1	0	0	0	0	0	1
Accidental drowning and submersion (W65-W74)	0	2	1	0	1	1	0	3	0	0	0	8
Accidental exposure to smoke, fire and flames (X00-X09)	2	2	0	0	1	0	2	2	1	1	0	11

# Selected Causes of Death

Table A4B  
Selected Causes of Death by Age Group among Males: Philadelphia, 2016

Cause of Death	< 5	5-14	15-24	25-34	35-44	45-54	55-64	65-74	75-84	85 +	Missing	Total
Accidents (unintentional injuries) (V01-X59, Y85-Y86)												
(continued)	10	6	45	135	132	144	118	45	30	36	0	701
Nontransport accidents (W00-X59, Y86) (continued)	9	5	28	116	115	138	109	38	27	33	0	618
Accidental poisoning and exposure to noxious substances (X40-X49)	0	0	25	113	107	117	86	20	4	1	0	473
Other and unspecified nontransport accidents and their sequelae (W20-W31, W35-W64, W75-W99, X10-X39, X50-X59, Y86)	6	1	1	0	4	9	7	5	7	10	0	50
Intentional self-harm (suicide) (U03, X60-X84, Y87.0)	0	0	11	19	16	23	20	6	7	3	0	105
Intentional self-harm (suicide) by discharge of firearms (X72-X74)	0	0	4	11	4	8	10	3	6	1	0	47
Intentional self-harm (suicide) by other and unspecified means and their sequelae (U03, X60-X71, X75-X84, Y87.0)	0	0	7	8	12	15	10	3	1	2	0	58
Assault (homicide) (U01-U02, X85-Y09, Y87.1)	2	2	94	103	28	25	5	0	1	0	0	260
Assault (homicide) by discharge of firearms (U01.4, X93-X95)	0	2	87	93	25	18	2	0	0	0	0	227
Assault (homicide) by other and unspecified means and their sequelae (U01.0-U01.3, U01.5-U01.9, U02, X85-X92, X96-Y09, Y87.1)	2	0	7	10	3	7	3	0	1	0	0	33
Legal intervention (Y35, Y89.0)	0	0	0	0	0	0	0	0	0	0	0	0
Events of undetermined intent (Y10-Y34, Y87.2, Y89.9)	1	0	1	2	3	1	2	0	0	0	0	10
Discharge of firearms, undetermined intent (Y22-Y24)	0	0	1	0	1	0	0	0	0	0	0	2
Other and unspecified events of undetermined intent and their sequelae (Y10-Y21, Y25-Y34, Y87.2, Y89.9)	1	0	0	2	2	1	2	0	0	0	0	8
Operations of war and their sequelae (Y36, Y89.1)	0	0	0	0	0	0	0	0	0	0	0	0
Complications of medical and surgical care (Y40-Y84, Y88)	0	0	0	0	0	2	0	7	1	0	0	10

# Selected Causes of Death

Table A4C  
Selected Causes of Death by Age Group among Females: Philadelphia, 2016

Cause of Death	< 5	5-14	15-24	25-34	35-44	45-54	55-64	65-74	75-84	85 +	Missing	Total
All causes	82	10	54	100	185	478	941	1232	1593	2460	1	7136
Salmonella infections (A01-A02)	0	0	0	0	0	0	0	0	0	0	0	0
Shigellosis and amebiasis (A03, A06)	0	0	0	0	0	0	0	0	0	0	0	0
Certain other intestinal infections (A04, A07-A09)	1	0	0	0	0	1	0	2	10	10	0	24
Tuberculosis (A16-A19)	0	0	0	0	0	1	1	0	0	0	0	2
Respiratory tuberculosis (A16)	0	0	0	0	0	0	1	0	0	0	0	1
Other tuberculosis (A17-A19)	0	0	0	0	0	1	0	0	0	0	0	1
Whooping cough (A37)	0	0	0	0	0	0	0	0	0	0	0	0
Scarlet fever and erysipelas (A38, A46)	0	0	0	0	0	0	0	0	0	0	0	0
Meningococcal infection (A39)	0	0	0	0	0	0	0	0	0	0	0	0
Septicemia (A40-A41)	1	1	1	2	6	11	32	34	51	55	0	194
Syphilis (A50-A53)	0	0	0	0	0	0	0	0	0	0	0	0
Acute poliomyelitis (A80)	0	0	0	0	0	0	0	0	0	0	0	0
Arthropod-borne viral encephalitis (A83-A84, A85.2)	0	0	0	0	0	0	0	0	0	0	0	0
Measles (B05)	0	0	0	0	0	0	0	0	0	0	0	0
Viral hepatitis (B15-B19)	0	0	0	1	2	1	8	3	1	0	0	16
Human immunodeficiency virus (HIV) disease (B20-B24)	0	0	0	1	5	8	6	3	0	0	0	23
Malaria (B50-B54)	0	0	0	0	0	0	0	0	0	0	0	0
Other and unspecified infectious and parasitic diseases and their sequelae (A00, A05, A20-A36, A42-A44, A48-A49, A54-A79, A81-A82, A85.0-A85.1, A85.8, A86-B04, B06-B09, B25-B49, B55-B99)	3	0	1	0	2	1	6	1	2	3	0	19
Malignant neoplasms (C00-C97)	2	3	4	9	36	115	301	406	403	281	0	1560
Malignant neoplasms of lip, oral cavity and pharynx (C00-C14)	0	0	0	0	0	0	1	3	1	2	0	7
Malignant neoplasm of esophagus (C15)	0	0	0	0	0	0	3	5	5	5	0	18
Malignant neoplasm of stomach (C16)	0	0	0	0	0	2	5	7	7	9	0	30
Malignant neoplasms of colon, rectum and anus (C18-C21)	0	0	0	1	5	12	22	35	45	46	0	166
Malignant neoplasms of liver and intrahepatic bile ducts (C22)	0	0	0	0	1	4	21	12	16	9	0	63
Malignant neoplasm of pancreas (C25)	0	0	0	0	1	8	21	37	33	14	0	114
Malignant neoplasm of larynx (C32)	0	0	0	0	0	0	2	2	3	0	0	7

# Selected Causes of Death

Table A4C  
Selected Causes of Death by Age Group among Females: Philadelphia, 2016

Cause of Death	< 5	5-14	15-24	25-34	35-44	45-54	55-64	65-74	75-84	85 +	Missing	Total
Malignant neoplasms (C00-C97) (continued)	2	3	4	9	36	115	301	406	403	281	0	1560
Malignant neoplasms of trachea, bronchus and lung (C33-C34)	0	0	0	0	1	17	93	115	132	51	0	409
Malignant melanoma of skin (C43)	0	0	0	0	0	0	0	2	2	2	0	6
Malignant neoplasm of breast (C50)	0	0	0	3	8	31	50	52	40	40	0	224
Malignant neoplasm of cervix uteri (C53)	0	0	0	1	3	8	4	6	4	0	0	26
Malignant neoplasms of corpus uteri and uterus, part unspecified (C54-C55)	0	0	0	0	3	4	14	30	19	11	0	81
Malignant neoplasm of ovary (C56)	0	0	0	1	1	8	14	13	13	6	0	56
Malignant neoplasm of prostate (C61)	0	0	0	0	0	0	0	0	0	0	0	0
Malignant neoplasms of kidney and renal pelvis (C64-C65)	0	0	1	1	0	0	5	10	7	6	0	30
Malignant neoplasm of bladder (C67)	0	0	0	0	0	1	1	9	7	11	0	29
Malignant neoplasms of meninges, brain and other parts of central nervous system (C70-C72)	0	2	0	0	3	2	6	1	2	3	0	19
Malignant neoplasms of lymphoid, hematopoietic and related tissue (C81-C96)	0	0	2	0	4	4	10	27	30	29	0	106
Hodgkin's disease (C81)	0	0	0	0	0	0	0	0	1	0	0	1
Non-Hodgkin's lymphoma (C82-C85)	0	0	0	0	2	1	4	6	8	13	0	34
Leukemia (C91-C95)	0	0	2	0	0	3	3	11	7	10	0	36
Multiple myeloma and immunoproliferative neoplasms (C88, C90)	0	0	0	0	2	0	3	10	14	6	0	35
Other and unspecified malignant neoplasms of lymphoid, hematopoietic and related tissue (C96)	0	0	0	0	0	0	0	0	0	0	0	0
All other and unspecified malignant neoplasms (C17, C23-C24, C26-C31, C37-C41, C44-C49, C51-C52, C57-C60, C62-C63, C66, C68-C69, C73-C80, C97)	2	1	1	2	6	14	29	40	37	37	0	169
In situ neoplasms, benign neoplasms and neoplasms of uncertain or unknown behavior (D00-D48)	0	0	1	2	0	1	4	5	10	6	0	29
Anemias (D50-D64)	0	0	1	0	3	2	3	1	4	12	0	26
Diabetes mellitus (E10-E14)	0	0	0	0	2	13	27	42	45	40	0	169
Nutritional deficiencies (E40-E64)	0	0	0	0	0	1	1	0	1	8	0	11
Malnutrition (E40-E46)	0	0	0	0	0	1	1	0	1	7	0	10
Other nutritional deficiencies (E50-E64)	0	0	0	0	0	0	0	0	0	1	0	1
Meningitis (G00, G03)	0	0	0	1	0	0	0	0	0	0	0	1

# Selected Causes of Death

Table A4C  
Selected Causes of Death by Age Group among Females: Philadelphia, 2016

Cause of Death	< 5	5-14	15-24	25-34	35-44	45-54	55-64	65-74	75-84	85 +	Missing	Total
Parkinson's disease (G20-G21)	0	0	0	0	0	0	0	0	14	18	0	32
Alzheimer's disease (G30)	0	0	0	0	0	0	0	9	38	125	0	172
Major cardiovascular diseases (I00-I78)	5	0	3	7	31	129	257	389	518	968	0	2307
Diseases of heart (I00-I09, I11, I13, I20-I51)	3	0	2	6	26	105	214	306	363	715	0	1740
Acute rheumatic fever and chronic rheumatic heart diseases (I00-I09)	0	0	0	0	0	2	1	1	3	3	0	10
Hypertensive heart disease (I11)	0	0	0	2	12	39	46	34	35	59	0	227
Hypertensive heart and renal disease (I13)	0	0	0	0	0	0	3	2	0	3	0	8
Ischemic heart diseases (I20-I25)	0	0	0	2	9	43	99	172	197	363	0	885
Acute myocardial infarction (I21-I22)	0	0	0	0	3	16	16	42	55	92	0	224
Other acute ischemic heart diseases (I24)	0	0	0	0	0	1	0	1	2	2	0	6
Other forms of chronic ischemic heart disease (I20, I25)	0	0	0	2	6	26	83	129	140	269	0	655
Atherosclerotic cardiovascular disease, so described (I25.0)	0	0	0	2	6	16	58	72	45	86	0	285
All other forms of chronic ischemic heart disease (I20, I25.1-I25.9)	0	0	0	0	0	10	25	57	95	183	0	370
Other heart diseases (I26-I51)	3	0	2	2	5	21	65	97	128	287	0	610
Acute and subacute endocarditis (I33)	0	0	0	0	0	1	0	0	0	0	0	1
Diseases of pericardium and acute myocarditis (I30-I31, I40)	0	0	0	0	0	1	0	2	0	0	0	3
Heart failure (I50)	0	0	0	1	1	2	14	31	52	114	0	215
All other forms of heart disease (I26-I28, I34-I38, I42-I49, I51)	3	0	2	1	4	17	51	64	76	173	0	391
Essential hypertension and hypertensive renal disease (I10, I12, I15)	0	0	0	0	0	6	8	12	20	29	0	75
Cerebrovascular diseases (I60-I69)	2	0	1	1	4	14	33	58	111	195	0	419
Atherosclerosis (I70)	0	0	0	0	0	1	0	2	4	2	0	9
Other diseases of circulatory system (I71-I78)	0	0	0	0	1	3	2	11	20	27	0	64
Aortic aneurysm and dissection (I71)	0	0	0	0	1	0	2	5	10	8	0	26
Other diseases of arteries, arterioles and capillaries (I72-I78)	0	0	0	0	0	3	0	6	10	19	0	38
Other disorders of circulatory system (I80-I99)	0	0	0	1	1	0	0	1	2	2	0	7

# Selected Causes of Death

Table A4C  
Selected Causes of Death by Age Group among Females: Philadelphia, 2016

Cause of Death	< 5	5-14	15-24	25-34	35-44	45-54	55-64	65-74	75-84	85 +	Missing	Total
Influenza and pneumonia (J09-J18)	0	0	0	1	4	8	9	15	30	61	0	128
Influenza (J09-J11)	0	0	0	1	0	1	1	0	3	2	0	8
Pneumonia (J12-J18)	0	0	0	0	4	7	8	15	27	59	0	120
Other acute lower respiratory infections (J20-J22, U04)	0	0	0	0	0	0	0	0	0	0	0	0
Acute bronchitis and bronchiolitis (J20-J21)	0	0	0	0	0	0	0	0	0	0	0	0
Other and unspecified acute lower respiratory infections (J22, U04)	0	0	0	0	0	0	0	0	0	0	0	0
Chronic lower respiratory diseases (J40-J47)	0	0	0	0	0	16	51	73	100	90	0	330
Bronchitis, chronic and unspecified (J40-J42)	0	0	0	0	0	0	0	0	0	1	0	1
Emphysema (J43)	0	0	0	0	0	0	2	3	4	1	0	10
Asthma (J45-J46)	0	0	0	0	0	2	4	3	1	1	0	11
Other chronic lower respiratory diseases (J44, J47)	0	0	0	0	0	14	45	67	95	87	0	308
Pneumoconioses and chemical effects (J60-J66, J68)	0	0	0	0	0	0	0	0	1	0	0	1
Pneumonitis due to solids and liquids (J69)	0	0	0	1	0	1	2	8	13	18	1	44
Other diseases of respiratory system (J00-J06, J30-J39, J67, J70-J98)	1	0	0	1	2	10	9	19	30	47	0	119
Peptic ulcer (K25-K28)	0	0	0	0	0	0	0	1	1	3	0	5
Diseases of appendix (K35-K38)	0	0	0	0	0	0	0	1	0	0	0	1
Hernia (K40-K46)	0	0	0	0	0	0	0	0	1	3	0	4
Chronic liver disease and cirrhosis (K70, K73-K74)	1	0	0	1	3	7	11	10	6	1	0	40
Alcoholic liver disease (K70)	0	0	0	0	2	4	3	1	1	0	0	11
Other chronic liver disease and cirrhosis (K73-K74)	1	0	0	1	1	3	8	9	5	1	0	29
Cholelithiasis and other disorders of gallbladder (K80-K82)	0	0	0	0	0	0	0	0	0	4	0	4
Nephritis, nephrotic syndrome and nephrosis (N00-N07, N17-N19, N25-N27)	0	0	0	0	5	4	21	35	50	55	0	170
Acute and rapidly progressive nephritic and nephrotic syndrome (N00-N01, N04)	0	0	0	0	0	0	0	0	1	2	0	3
Chronic glomerulonephritis, nephritis and nephropathy not specified as acute or chronic, and renal sclerosis unspecified (N02-N03, N05-N07, N26)	0	0	0	0	0	0	0	0	0	0	0	0
Renal failure (N17-N19)	0	0	0	0	5	4	21	35	49	53	0	167
Other disorders of kidney (N25, N27)	0	0	0	0	0	0	0	0	0	0	0	0
Infections of kidney (N10-N12, N13.6, N15.1)	0	0	0	0	0	0	2	1	0	0	0	3



# Selected Causes of Death

Table A4C  
Selected Causes of Death by Age Group among Females: Philadelphia, 2016

Cause of Death	< 5	5-14	15-24	25-34	35-44	45-54	55-64	65-74	75-84	85 +	Missing	Total
Hyperplasia of prostate (N40)	0	0	0	0	0	0	0	0	0	0	0	0
Inflammatory diseases of female pelvic organs (N70-N76)	0	0	0	0	0	0	0	0	0	1	0	1
Pregnancy, childbirth and the puerperium (O00-O99)	0	0	0	1	5	0	0	0	0	0	0	6
Pregnancy with abortive outcome (O00-O07)	0	0	0	0	0	0	0	0	0	0	0	0
Other complications of pregnancy, childbirth and the puerperium (O10-O99)	0	0	0	1	5	0	0	0	0	0	0	6
Certain conditions originating in the perinatal period (P00-P96)	43	0	0	0	0	0	0	0	0	0	0	43
Congenital malformations, deformations and chromosomal abnormalities (Q00-Q99)	8	0	0	1	1	2	1	1	0	1	0	15
Symptoms, signs and abnormal clinical and laboratory findings, not elsewhere classified (R00-R99)	7	1	5	4	4	10	19	12	27	90	0	179
All other diseases (Residual) (D65-E07, E15-E34, E65-F99, G04-G14, G23-G25, G31-H93, K00-K22, K29-K31, K50-K66, K71-K72, K75-K76, K83-M99, N13.0-N13.5, N13.7-N13.9, N14, N15.0, N15.8-N15.9, N20-N23, N28-N39, N41-N64, N80-N98)	3	1	5	9	11	42	102	136	210	494	0	1013
Accidents (unintentional injuries) (V01-X59, Y85-Y86)	5	3	24	44	56	80	58	16	22	60	0	368
Transport accidents (V01-V99, Y85)	3	1	7	3	4	3	4	5	3	1	0	34
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)	3	1	6	3	4	3	4	5	3	1	0	33
Other land 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)	0	0	1	0	0	0	0	0	0	0	0	1
Water, air and space, and other and unspecified transport accidents and their sequelae (V90-V99, Y85)	0	0	0	0	0	0	0	0	0	0	0	0
Nontransport accidents (W00-X59, Y86)	2	2	17	41	52	77	54	11	19	59	0	334
Falls (W00-W19)	0	0	0	0	0	0	5	4	9	43	0	61
Accidental discharge of firearms (W32-W34)	1	0	0	0	0	0	0	0	0	0	0	1
Accidental drowning and submersion (W65-W74)	0	0	2	0	0	1	1	0	0	0	0	4
Accidental exposure to smoke, fire and flames (X00-X09)	0	1	0	1	0	0	2	3	1	1	0	9

# Selected Causes of Death

Table A4C  
Selected Causes of Death by Age Group among Females: Philadelphia, 2016

Cause of Death	< 5	5-14	15-24	25-34	35-44	45-54	55-64	65-74	75-84	85 +	Missing	Total
Accidents (unintentional injuries) (V01-X59, Y85-Y86)												
(continued)	5	3	24	44	56	80	58	16	22	60	0	368
Nontransport accidents (W00-X59, Y86) (continued)	2	2	17	41	52	77	54	11	19	59	0	334
Accidental poisoning and exposure to noxious substances (X40-X49)	0	1	15	40	50	71	42	1	3	0	0	223
Other and unspecified nontransport accidents and their sequelae (W20-W31, W35-W64, W75-W99, X10-X39, X50-X59, Y86)	1	0	0	0	2	5	4	3	6	15	0	36
Intentional self-harm (suicide) (U03, X60-X84, Y87.0)	0	1	6	8	2	9	7	4	1	1	0	39
Intentional self-harm (suicide) by discharge of firearms (X72-X74)	0	0	0	1	1	1	1	0	1	0	0	5
Intentional self-harm (suicide) by other and unspecified means and their sequelae (U03, X60-X71, X75-X84, Y87.0)	0	1	6	7	1	8	6	4	0	1	0	34
Assault (homicide) (U01-U02, X85-Y09, Y87.1)	2	0	3	5	3	5	2	1	1	2	0	24
Assault (homicide) by discharge of firearms (U01.4, X93-X95)	1	0	3	3	2	1	1	0	1	0	0	12
Assault (homicide) by other and unspecified means and their sequelae (U01.0-U01.3, U01.5-U01.9, U02, X85-X92, X96-Y09, Y87.1)	1	0	0	2	1	4	1	1	0	2	0	12
Legal intervention (Y35, Y89.0)	0	0	0	0	0	0	0	0	0	0	0	0
Events of undetermined intent (Y10-Y34, Y87.2, Y89.9)	0	0	0	0	1	0	1	0	0	0	0	2
Discharge of firearms, undetermined intent (Y22-Y24)	0	0	0	0	1	0	0	0	0	0	0	1
Other and unspecified events of undetermined intent and their sequelae (Y10-Y21, Y25-Y34, Y87.2, Y89.9)	0	0	0	0	0	0	1	0	0	0	0	1
Operations of war and their sequelae (Y36, Y89.1)	0	0	0	0	0	0	0	0	0	0	0	0
Complications of medical and surgical care (Y40-Y84, Y88)	0	0	0	0	0	0	0	3	1	1	0	5

# Selected Causes of Death

Table A4D  
Selected Causes of Death by Age Group among White Non-Hispanic Males: Philadelphia, 2016

Cause of Death	< 5	5-14	15-24	25-34	35-44	45-54	55-64	65-74	75-84	85 +	Missing	Total
All causes	23	3	24	109	130	225	505	585	705	760	1	3070
Salmonella infections (A01-A02)	0	0	0	0	0	0	0	0	0	0	0	0
Shigellosis and amebiasis (A03, A06)	0	0	0	0	0	0	0	0	0	0	0	0
Certain other intestinal infections (A04, A07-A09)	0	0	0	0	0	0	1	4	3	4	0	12
Tuberculosis (A16-A19)	0	0	0	0	0	0	0	0	0	0	0	0
Respiratory tuberculosis (A16)	0	0	0	0	0	0	0	0	0	0	0	0
Other tuberculosis (A17-A19)	0	0	0	0	0	0	0	0	0	0	0	0
Whooping cough (A37)	0	0	0	0	0	0	0	0	0	0	0	0
Scarlet fever and erysipelas (A38, A46)	0	0	0	0	0	0	0	0	0	0	0	0
Meningococcal infection (A39)	0	0	0	0	0	0	0	0	0	0	0	0
Septicemia (A40-A41)	0	0	0	0	2	5	8	21	10	23	0	69
Syphilis (A50-A53)	0	0	0	0	0	0	0	0	0	0	0	0
Acute poliomyelitis (A80)	0	0	0	0	0	0	0	0	0	0	0	0
Arthropod-borne viral encephalitis (A83-A84, A85.2)	0	0	0	0	0	0	0	0	0	0	0	0
Measles (B05)	0	0	0	0	0	0	0	0	0	0	0	0
Viral hepatitis (B15-B19)	0	0	0	0	0	3	4	1	2	0	0	10
Human immunodeficiency virus (HIV) disease (B20-B24)	0	0	0	0	0	1	5	0	1	0	0	7
Malaria (B50-B54)	0	0	0	0	0	0	0	0	0	0	0	0
Other and unspecified infectious and parasitic diseases and their sequelae (A00, A05, A20-A36, A42-A44, A48-A49, A54-A79, A81-A82, A85.0-A85.1, A85.8, A86-B04, B06-B09, B25-B49, B55-B99)	0	0	0	0	0	0	2	2	3	1	0	8
Malignant neoplasms (C00-C97)	1	0	2	3	9	29	127	194	207	126	0	698
Malignant neoplasms of lip, oral cavity and pharynx (C00-C14)	0	0	0	0	0	1	1	3	2	5	0	12
Malignant neoplasm of esophagus (C15)	0	0	0	0	0	5	7	11	3	2	0	28
Malignant neoplasm of stomach (C16)	0	0	0	0	0	2	3	1	5	2	0	13
Malignant neoplasms of colon, rectum and anus (C18-C21)	0	0	0	0	1	4	10	24	15	8	0	62
Malignant neoplasms of liver and intrahepatic bile ducts (C22)	0	0	0	0	1	2	18	11	12	1	0	45
Malignant neoplasm of pancreas (C25)	0	0	0	0	3	2	13	11	16	7	0	52
Malignant neoplasm of larynx (C32)	0	0	0	0	0	1	1	3	2	4	0	11

# Selected Causes of Death

Table A4D  
Selected Causes of Death by Age Group among White Non-Hispanic Males: Philadelphia, 2016

Cause of Death	< 5	5-14	15-24	25-34	35-44	45-54	55-64	65-74	75-84	85 +	Missing	Total
Malignant neoplasms (C00-C97) (continued)	1	0	2	3	9	29	127	194	207	126	0	698
Malignant neoplasms of trachea, bronchus and lung (C33-C34)	0	0	0	0	1	7	34	63	62	28	0	195
Malignant melanoma of skin (C43)	0	0	0	1	0	0	0	0	1	5	0	7
Malignant neoplasm of breast (C50)	0	0	0	0	0	0	0	1	0	0	0	1
Malignant neoplasm of cervix uteri (C53)	0	0	0	0	0	0	0	0	0	0	0	0
Malignant neoplasms of corpus uteri and uterus, part unspecified (C54-C55)	0	0	0	0	0	0	0	0	0	0	0	0
Malignant neoplasm of ovary (C56)	0	0	0	0	0	0	0	0	0	0	0	0
Malignant neoplasm of prostate (C61)	0	0	0	0	0	1	6	3	17	25	0	52
Malignant neoplasms of kidney and renal pelvis (C64-C65)	0	0	0	0	0	0	4	3	9	3	0	19
Malignant neoplasm of bladder (C67)	0	0	0	0	0	1	2	9	13	11	0	36
Malignant neoplasms of meninges, brain and other parts of central nervous system (C70-C72)	0	0	1	1	2	0	5	3	4	2	0	18
Malignant neoplasms of lymphoid, hematopoietic and related tissue (C81-C96)	1	0	1	0	1	1	6	21	25	5	0	61
Hodgkin's disease (C81)	0	0	0	0	0	0	0	0	0	0	0	0
Non-Hodgkin's lymphoma (C82-C85)	1	0	0	0	0	0	4	7	6	2	0	20
Leukemia (C91-C95)	0	0	1	0	1	0	1	8	16	2	0	29
Multiple myeloma and immunoproliferative neoplasms (C88, C90)	0	0	0	0	0	1	1	6	3	1	0	12
Other and unspecified malignant neoplasms of lymphoid, hematopoietic and related tissue (C96)	0	0	0	0	0	0	0	0	0	0	0	0
All other and unspecified malignant neoplasms (C17, C23-C24, C26-C31, C37-C41, C44-C49, C51-C52, C57-C60, C62-C63, C66, C68-C69, C73-C80, C97)	0	0	0	0	0	2	17	27	21	18	0	85
In situ neoplasms, benign neoplasms and neoplasms of uncertain or unknown behavior (D00-D48)	0	0	0	0	0	0	2	0	4	3	0	9
Anemias (D50-D64)	0	0	0	0	0	0	0	1	1	3	0	5
Diabetes mellitus (E10-E14)	0	0	0	0	1	2	13	15	26	5	0	62
Nutritional deficiencies (E40-E64)	0	0	0	0	0	0	0	0	1	0	0	1
Malnutrition (E40-E46)	0	0	0	0	0	0	0	0	1	0	0	1
Other nutritional deficiencies (E50-E64)	0	0	0	0	0	0	0	0	0	0	0	0
Meningitis (G00, G03)	1	0	0	0	0	0	0	1	0	0	0	2

# Selected Causes of Death

Table A4D  
Selected Causes of Death by Age Group among White Non-Hispanic Males: Philadelphia, 2016

Cause of Death	< 5	5-14	15-24	25-34	35-44	45-54	55-64	65-74	75-84	85 +	Missing	Total
Parkinson's disease (G20-G21)	0	0	0	0	0	0	1	5	16	14	0	36
Alzheimer's disease (G30)	0	0	0	0	0	0	0	0	9	6	0	15
Major cardiovascular diseases (I00-I78)	1	0	1	13	22	54	145	182	226	297	0	941
Diseases of heart (I00-I09, I11, I13, I20-I51)	0	0	1	10	19	48	127	147	181	244	0	777
Acute rheumatic fever and chronic rheumatic heart diseases (I00-I09)	0	0	0	0	0	0	0	0	1	1	0	2
Hypertensive heart disease (I11)	0	0	0	3	6	14	18	14	7	8	0	70
Hypertensive heart and renal disease (I13)	0	0	0	0	0	0	0	2	4	0	0	6
Ischemic heart diseases (I20-I25)	0	0	0	3	10	26	89	91	110	115	0	444
Acute myocardial infarction (I21-I22)	0	0	0	0	1	6	17	25	24	23	0	96
Other acute ischemic heart diseases (I24)	0	0	0	0	1	0	0	0	2	1	0	4
Other forms of chronic ischemic heart disease (I20, I25)	0	0	0	2	8	20	72	66	84	91	0	343
Atherosclerotic cardiovascular disease, so described (I25.0)	0	0	0	2	7	18	54	36	30	15	0	162
All other forms of chronic ischemic heart disease (I20, I25.1-I25.9)	0	0	0	0	1	2	18	30	54	76	0	181
Other heart diseases (I26-I51)	0	0	1	2	3	8	20	40	59	120	0	253
Acute and subacute endocarditis (I33)	0	0	0	1	0	0	0	0	0	0	0	1
Diseases of pericardium and acute myocarditis (I30-I31, I40)	0	0	0	0	0	0	0	0	0	0	0	0
Heart failure (I50)	0	0	0	0	0	1	3	15	31	58	0	108
All other forms of heart disease (I26-I28, I34-I38, I42-I49, I51)	0	0	1	1	3	7	17	25	28	62	0	144
Essential hypertension and hypertensive renal disease (I10, I12, I15)	0	0	0	0	0	2	3	1	6	3	0	15
Cerebrovascular diseases (I60-I69)	1	0	0	1	0	3	10	28	34	38	0	115
Atherosclerosis (I70)	0	0	0	0	0	0	0	0	0	2	0	2
Other diseases of circulatory system (I71-I78)	0	0	0	0	3	1	5	6	5	10	0	30
Aortic aneurysm and dissection (I71)	0	0	0	0	1	0	2	4	4	2	0	13
Other diseases of arteries, arterioles and capillaries (I72-I78)	0	0	0	0	2	1	3	2	1	8	0	17
Other disorders of circulatory system (I80-I99)	0	0	0	0	0	0	0	1	0	0	0	1

# Selected Causes of Death

Table A4D  
Selected Causes of Death by Age Group among White Non-Hispanic Males: Philadelphia, 2016

Cause of Death	< 5	5-14	15-24	25-34	35-44	45-54	55-64	65-74	75-84	85 +	Missing	Total
Influenza and pneumonia (J09-J18)	0	0	0	0	0	3	9	10	21	15	0	58
Influenza (J09-J11)	0	0	0	0	0	1	3	0	1	0	0	5
Pneumonia (J12-J18)	0	0	0	0	0	2	6	10	20	15	0	53
Other acute lower respiratory infections (J20-J22, U04)	0	0	0	0	0	0	0	0	0	0	0	0
Acute bronchitis and bronchiolitis (J20-J21)	0	0	0	0	0	0	0	0	0	0	0	0
Other and unspecified acute lower respiratory infections (J22, U04)	0	0	0	0	0	0	0	0	0	0	0	0
Chronic lower respiratory diseases (J40-J47)	0	0	0	1	0	4	16	37	37	40	1	136
Bronchitis, chronic and unspecified (J40-J42)	0	0	0	0	0	0	0	1	0	0	0	1
Emphysema (J43)	0	0	0	0	0	0	2	0	3	0	0	5
Asthma (J45-J46)	0	0	0	0	0	0	0	1	0	0	0	1
Other chronic lower respiratory diseases (J44, J47)	0	0	0	1	0	4	14	35	34	40	1	129
Pneumoconioses and chemical effects (J60-J66, J68)	0	0	0	0	0	0	0	0	1	0	0	1
Pneumonitis due to solids and liquids (J69)	0	0	0	0	0	0	2	2	6	20	0	30
Other diseases of respiratory system (J00-J06, J30-J39, J67, J70-J98)	0	0	0	1	1	2	3	13	20	10	0	50
Peptic ulcer (K25-K28)	0	0	0	0	1	0	0	1	1	0	0	3
Diseases of appendix (K35-K38)	0	0	0	0	0	0	0	0	0	0	0	0
Hernia (K40-K46)	1	0	0	0	0	0	0	0	0	2	0	3
Chronic liver disease and cirrhosis (K70, K73-K74)	0	0	0	2	2	7	13	5	3	3	0	35
Alcoholic liver disease (K70)	0	0	0	2	1	1	5	1	0	0	0	10
Other chronic liver disease and cirrhosis (K73-K74)	0	0	0	0	1	6	8	4	3	3	0	25
Cholelithiasis and other disorders of gallbladder (K80-K82)	0	0	0	1	0	0	2	0	0	1	0	4
Nephritis, nephrotic syndrome and nephrosis (N00-N07, N17-N19, N25-N27)	0	0	0	0	0	1	5	13	18	20	0	57
Acute and rapidly progressive nephritic and nephrotic syndrome (N00-N01, N04)	0	0	0	0	0	0	0	0	0	0	0	0
Chronic glomerulonephritis, nephritis and nephropathy not specified as acute or chronic, and renal sclerosis unspecified (N02-N03, N05-N07, N26)	0	0	0	0	0	0	0	0	0	0	0	0
Renal failure (N17-N19)	0	0	0	0	0	1	5	13	18	20	0	57
Other disorders of kidney (N25, N27)	0	0	0	0	0	0	0	0	0	0	0	0
Infections of kidney (N10-N12, N13.6, N15.1)	0	0	0	0	0	0	0	0	0	1	0	1

# Selected Causes of Death

Table A4D  
Selected Causes of Death by Age Group among White Non-Hispanic Males: Philadelphia, 2016

Cause of Death	< 5	5-14	15-24	25-34	35-44	45-54	55-64	65-74	75-84	85 +	Missing	Total
Hyperplasia of prostate (N40)	0	0	0	0	0	0	0	0	0	1	0	1
Inflammatory diseases of female pelvic organs (N70-N76)	0	0	0	0	0	0	0	0	0	0	0	0
Pregnancy, childbirth and the puerperium (O00-O99)	0	0	0	0	0	0	0	0	0	0	0	0
Pregnancy with abortive outcome (O00-O07)	0	0	0	0	0	0	0	0	0	0	0	0
Other complications of pregnancy, childbirth and the puerperium (O10-O99)	0	0	0	0	0	0	0	0	0	0	0	0
Certain conditions originating in the perinatal period (P00-P96)	10	0	0	0	0	0	0	0	0	0	0	10
Congenital malformations, deformations and chromosomal abnormalities (Q00-Q99)	3	0	0	1	0	0	0	1	1	0	0	6
Symptoms, signs and abnormal clinical and laboratory findings, not elsewhere classified (R00-R99)	4	0	0	0	3	7	14	7	16	22	0	73
All other diseases (Residual) (D65-E07, E15-E34, E65-F99, G04-G14, G23-G25, G31-H93, K00-K22, K29-K31, K50-K66, K71-K72, K75-K76, K83-M99, N13.0-N13.5, N13.7-N13.9, N14, N15.0, N15.8-N15.9, N20-N23, N28-N39, N41-N64, N80-N98)	0	1	2	2	7	23	54	49	51	117	0	306
Accidents (unintentional injuries) (V01-X59, Y85-Y86)	2	1	16	75	68	66	61	14	16	24	0	343
Transport accidents (V01-V99, Y85)	0	0	5	2	7	0	3	1	2	2	0	22
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	0	5	2	7	0	3	1	2	2	0	22
Other land 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)	0	0	0	0	0	0	0	0	0	0	0	0
Water, air and space, and other and unspecified transport accidents and their sequelae (V90-V99, Y85)	0	0	0	0	0	0	0	0	0	0	0	0
Nontransport accidents (W00-X59, Y86)	2	1	11	71	61	66	58	13	14	22	0	319
Falls (W00-W19)	1	0	0	0	0	4	8	4	8	17	0	42
Accidental discharge of firearms (W32-W34)	0	0	0	0	0	0	0	0	0	0	0	0
Accidental drowning and submersion (W65-W74)	0	1	0	0	0	0	0	3	0	0	0	4
Accidental exposure to smoke, fire and flames (X00-X09)	0	0	0	0	1	0	1	0	0	1	0	3

# Selected Causes of Death

Table A4D  
Selected Causes of Death by Age Group among White Non-Hispanic Males: Philadelphia, 2016

Cause of Death	< 5	5-14	15-24	25-34	35-44	45-54	55-64	65-74	75-84	85 +	Missing	Total
Accidents (unintentional injuries) (V01-X59, Y85-Y86)												
(continued)	2	1	16	75	68	66	61	14	16	24	0	343
Nontransport accidents (W00-X59, Y86) (continued)	2	1	11	71	61	66	58	13	14	22	0	319
Accidental poisoning and exposure to noxious substances (X40-X49)	0	0	11	71	59	59	45	5	1	0	0	251
Other and unspecified nontransport accidents and their sequelae (W20-W31, W35-W64, W75-W99, X10-X39, X50-X59, Y86)	1	0	0	0	1	3	4	1	5	4	0	19
Intentional self-harm (suicide) (U03, X60-X84, Y87.0)	0	0	1	12	11	16	17	5	4	2	0	68
Intentional self-harm (suicide) by discharge of firearms (X72-X74)	0	0	0	8	4	6	8	3	4	0	0	33
Intentional self-harm (suicide) by other and unspecified means and their sequelae (U03, X60-X71, X75-X84, Y87.0)	0	0	1	4	7	10	9	2	0	2	0	35
Assault (homicide) (U01-U02, X85-Y09, Y87.1)	0	1	2	3	1	2	0	0	1	0	0	10
Assault (homicide) by discharge of firearms (U01.4, X93-X95)	0	1	2	2	0	1	0	0	0	0	0	6
Assault (homicide) by other and unspecified means and their sequelae (U01.0-U01.3, U01.5-U01.9, U02, X85-X92, X96-Y09, Y87.1)	0	0	0	1	1	1	0	0	1	0	0	4
Legal intervention (Y35, Y89.0)	0	0	0	0	0	0	0	0	0	0	0	0
Events of undetermined intent (Y10-Y34, Y87.2, Y89.9)	0	0	0	2	2	0	1	0	0	0	0	5
Discharge of firearms, undetermined intent (Y22-Y24)	0	0	0	0	0	0	0	0	0	0	0	0
Other and unspecified events of undetermined intent and their sequelae (Y10-Y21, Y25-Y34, Y87.2, Y89.9)	0	0	0	2	2	0	1	0	0	0	0	5
Operations of war and their sequelae (Y36, Y89.1)	0	0	0	0	0	0	0	0	0	0	0	0
Complications of medical and surgical care (Y40-Y84, Y88)	0	0	0	0	0	0	0	1	0	0	0	1



# Selected Causes of Death

Table A4E  
Selected Causes of Death by Age Group among White Non-Hispanic Females: Philadelphia, 2016

Cause of Death	< 5	5-14	15-24	25-34	35-44	45-54	55-64	65-74	75-84	85 +	Missing	Total
All causes	7	2	17	52	47	161	310	456	692	1405	1	3150
Salmonella infections (A01-A02)	0	0	0	0	0	0	0	0	0	0	0	0
Shigellosis and amebiasis (A03, A06)	0	0	0	0	0	0	0	0	0	0	0	0
Certain other intestinal infections (A04, A07-A09)	0	0	0	0	0	1	0	1	6	6	0	14
Tuberculosis (A16-A19)	0	0	0	0	0	0	0	0	0	0	0	0
Respiratory tuberculosis (A16)	0	0	0	0	0	0	0	0	0	0	0	0
Other tuberculosis (A17-A19)	0	0	0	0	0	0	0	0	0	0	0	0
Whooping cough (A37)	0	0	0	0	0	0	0	0	0	0	0	0
Scarlet fever and erysipelas (A38, A46)	0	0	0	0	0	0	0	0	0	0	0	0
Meningococcal infection (A39)	0	0	0	0	0	0	0	0	0	0	0	0
Septicemia (A40-A41)	0	0	0	2	3	1	10	8	13	37	0	74
Syphilis (A50-A53)	0	0	0	0	0	0	0	0	0	0	0	0
Acute poliomyelitis (A80)	0	0	0	0	0	0	0	0	0	0	0	0
Arthropod-borne viral encephalitis (A83-A84, A85.2)	0	0	0	0	0	0	0	0	0	0	0	0
Measles (B05)	0	0	0	0	0	0	0	0	0	0	0	0
Viral hepatitis (B15-B19)	0	0	0	1	1	1	1	0	0	0	0	4
Human immunodeficiency virus (HIV) disease (B20-B24)	0	0	0	0	0	2	2	0	0	0	0	4
Malaria (B50-B54)	0	0	0	0	0	0	0	0	0	0	0	0
Other and unspecified infectious and parasitic diseases and their sequelae (A00, A05, A20-A36, A42-A44, A48-A49, A54-A79, A81-A82, A85.0-A85.1, A85.8, A86-B04, B06-B09, B25-B49, B55-B99)	0	0	0	0	1	1	2	0	1	1	0	6
Malignant neoplasms (C00-C97)	1	0	1	4	7	33	103	161	181	143	0	634
Malignant neoplasms of lip, oral cavity and pharynx (C00-C14)	0	0	0	0	0	0	1	2	1	2	0	6
Malignant neoplasm of esophagus (C15)	0	0	0	0	0	0	0	2	1	2	0	5
Malignant neoplasm of stomach (C16)	0	0	0	0	0	0	1	2	3	4	0	10
Malignant neoplasms of colon, rectum and anus (C18-C21)	0	0	0	0	0	3	8	9	19	25	0	64
Malignant neoplasms of liver and intrahepatic bile ducts (C22)	0	0	0	0	0	1	7	3	6	2	0	19
Malignant neoplasm of pancreas (C25)	0	0	0	0	0	3	4	13	13	9	0	42
Malignant neoplasm of larynx (C32)	0	0	0	0	0	0	1	1	2	0	0	4

# Selected Causes of Death

Table A4E  
Selected Causes of Death by Age Group among White Non-Hispanic Females: Philadelphia, 2016

Cause of Death	< 5	5-14	15-24	25-34	35-44	45-54	55-64	65-74	75-84	85 +	Missing	Total
Malignant neoplasms (C00-C97) (continued)	1	0	1	4	7	33	103	161	181	143	0	634
Malignant neoplasms of trachea, bronchus and lung (C33-C34)	0	0	0	0	0	8	34	51	67	22	0	182
Malignant melanoma of skin (C43)	0	0	0	0	0	0	0	2	2	1	0	5
Malignant neoplasm of breast (C50)	0	0	0	1	3	9	19	22	15	17	0	86
Malignant neoplasm of cervix uteri (C53)	0	0	0	1	1	2	1	1	1	0	0	7
Malignant neoplasms of corpus uteri and uterus, part unspecified (C54-C55)	0	0	0	0	1	1	7	9	8	6	0	32
Malignant neoplasm of ovary (C56)	0	0	0	1	0	4	7	8	7	3	0	30
Malignant neoplasm of prostate (C61)	0	0	0	0	0	0	0	0	0	0	0	0
Malignant neoplasms of kidney and renal pelvis (C64-C65)	0	0	0	0	0	0	2	6	3	4	0	15
Malignant neoplasm of bladder (C67)	0	0	0	0	0	0	1	6	2	7	0	16
Malignant neoplasms of meninges, brain and other parts of central nervous system (C70-C72)	0	0	0	0	1	0	3	1	2	1	0	8
Malignant neoplasms of lymphoid, hematopoietic and related tissue (C81-C96)	0	0	0	0	1	0	2	8	11	15	0	37
Hodgkin's disease (C81)	0	0	0	0	0	0	0	0	0	0	0	0
Non-Hodgkin's lymphoma (C82-C85)	0	0	0	0	1	0	1	2	5	8	0	17
Leukemia (C91-C95)	0	0	0	0	0	0	1	4	3	6	0	14
Multiple myeloma and immunoproliferative neoplasms (C88, C90)	0	0	0	0	0	0	0	2	3	1	0	6
Other and unspecified malignant neoplasms of lymphoid, hematopoietic and related tissue (C96)	0	0	0	0	0	0	0	0	0	0	0	0
All other and unspecified malignant neoplasms (C17, C23-C24, C26-C31, C37-C41, C44-C49, C51-C52, C57-C60, C62-C63, C66, C68-C69, C73-C80, C97)	1	0	1	1	0	2	5	15	18	23	0	66
In situ neoplasms, benign neoplasms and neoplasms of uncertain or unknown behavior (D00-D48)	0	0	0	0	0	0	2	3	6	3	0	14
Anemias (D50-D64)	0	0	0	0	0	0	1	0	2	7	0	10
Diabetes mellitus (E10-E14)	0	0	0	0	1	2	9	16	17	18	0	63
Nutritional deficiencies (E40-E64)	0	0	0	0	0	0	0	0	0	4	0	4
Malnutrition (E40-E46)	0	0	0	0	0	0	0	0	0	3	0	3
Other nutritional deficiencies (E50-E64)	0	0	0	0	0	0	0	0	0	1	0	1
Meningitis (G00, G03)	0	0	0	0	0	0	0	0	0	0	0	0

# Selected Causes of Death

Table A4E  
Selected Causes of Death by Age Group among White Non-Hispanic Females: Philadelphia, 2016

Cause of Death	< 5	5-14	15-24	25-34	35-44	45-54	55-64	65-74	75-84	85 +	Missing	Total
Parkinson's disease (G20-G21)	0	0	0	0	0	0	0	0	9	14	0	23
Alzheimer's disease (G30)	0	0	0	0	0	0	0	2	19	62	0	83
Major cardiovascular diseases (I00-I78)	1	0	0	1	4	39	74	122	210	552	0	1003
Diseases of heart (I00-I09, I11, I13, I20-I51)	1	0	0	1	4	32	65	97	146	422	0	768
Acute rheumatic fever and chronic rheumatic heart diseases (I00-I09)	0	0	0	0	0	0	0	1	3	1	0	5
Hypertensive heart disease (I11)	0	0	0	0	2	7	11	9	11	31	0	71
Hypertensive heart and renal disease (I13)	0	0	0	0	0	0	0	0	0	2	0	2
Ischemic heart diseases (I20-I25)	0	0	0	1	2	16	33	56	84	196	0	388
Acute myocardial infarction (I21-I22)	0	0	0	0	0	9	6	16	28	53	0	112
Other acute ischemic heart diseases (I24)	0	0	0	0	0	0	0	1	1	2	0	4
Other forms of chronic ischemic heart disease (I20, I25)	0	0	0	1	2	7	27	39	55	141	0	272
Atherosclerotic cardiovascular disease, so described (I25.0)	0	0	0	1	2	6	23	24	18	47	0	121
All other forms of chronic ischemic heart disease (I20, I25.1-I25.9)	0	0	0	0	0	1	4	15	37	94	0	151
Other heart diseases (I26-I51)	1	0	0	0	0	9	21	31	48	192	0	302
Acute and subacute endocarditis (I33)	0	0	0	0	0	0	0	0	0	0	0	0
Diseases of pericardium and acute myocarditis (I30-I31, I40)	0	0	0	0	0	1	0	0	0	0	0	1
Heart failure (I50)	0	0	0	0	0	1	2	6	18	72	0	99
All other forms of heart disease (I26-I28, I34-I38, I42-I49, I51)	1	0	0	0	0	7	19	25	30	120	0	202
Essential hypertension and hypertensive renal disease (I10, I12, I15)	0	0	0	0	0	2	1	3	8	17	0	31
Cerebrovascular diseases (I60-I69)	0	0	0	0	0	5	8	17	43	99	0	172
Atherosclerosis (I70)	0	0	0	0	0	0	0	0	3	2	0	5
Other diseases of circulatory system (I71-I78)	0	0	0	0	0	0	0	5	10	12	0	27
Aortic aneurysm and dissection (I71)	0	0	0	0	0	0	0	4	5	6	0	15
Other diseases of arteries, arterioles and capillaries (I72-I78)	0	0	0	0	0	0	0	1	5	6	0	12
Other disorders of circulatory system (I80-I99)	0	0	0	1	0	0	0	0	1	2	0	4

# Selected Causes of Death

Table A4E  
Selected Causes of Death by Age Group among White Non-Hispanic Females: Philadelphia, 2016

Cause of Death	< 5	5-14	15-24	25-34	35-44	45-54	55-64	65-74	75-84	85 +	Missing	Total
Influenza and pneumonia (J09-J18)	0	0	0	0	0	2	3	2	16	44	0	67
Influenza (J09-J11)	0	0	0	0	0	1	0	0	1	1	0	3
Pneumonia (J12-J18)	0	0	0	0	0	1	3	2	15	43	0	64
Other acute lower respiratory infections (J20-J22, U04)	0	0	0	0	0	0	0	0	0	0	0	0
Acute bronchitis and bronchiolitis (J20-J21)	0	0	0	0	0	0	0	0	0	0	0	0
Other and unspecified acute lower respiratory infections (J22, U04)	0	0	0	0	0	0	0	0	0	0	0	0
Chronic lower respiratory diseases (J40-J47)	0	0	0	0	0	7	23	39	55	58	0	182
Bronchitis, chronic and unspecified (J40-J42)	0	0	0	0	0	0	0	0	0	0	0	0
Emphysema (J43)	0	0	0	0	0	0	1	1	2	0	0	4
Asthma (J45-J46)	0	0	0	0	0	0	2	1	0	1	0	4
Other chronic lower respiratory diseases (J44, J47)	0	0	0	0	0	7	20	37	53	57	0	174
Pneumoconioses and chemical effects (J60-J66, J68)	0	0	0	0	0	0	0	0	0	0	0	0
Pneumonitis due to solids and liquids (J69)	0	0	0	1	0	0	0	2	6	13	1	23
Other diseases of respiratory system (J00-J06, J30-J39, J67, J70-J98)	0	0	0	0	0	1	2	9	11	27	0	50
Peptic ulcer (K25-K28)	0	0	0	0	0	0	0	1	0	2	0	3
Diseases of appendix (K35-K38)	0	0	0	0	0	0	0	0	0	0	0	0
Hernia (K40-K46)	0	0	0	0	0	0	0	0	1	3	0	4
Chronic liver disease and cirrhosis (K70, K73-K74)	0	0	0	1	1	3	6	5	2	0	0	18
Alcoholic liver disease (K70)	0	0	0	0	1	0	2	0	1	0	0	4
Other chronic liver disease and cirrhosis (K73-K74)	0	0	0	1	0	3	4	5	1	0	0	14
Cholelithiasis and other disorders of gallbladder (K80-K82)	0	0	0	0	0	0	0	0	0	1	0	1
Nephritis, nephrotic syndrome and nephrosis (N00-N07, N17-N19, N25-N27)	0	0	0	0	0	0	5	8	15	25	0	53
Acute and rapidly progressive nephritic and nephrotic syndrome (N00-N01, N04)	0	0	0	0	0	0	0	0	1	1	0	2
Chronic glomerulonephritis, nephritis and nephropathy not specified as acute or chronic, and renal sclerosis unspecified (N02-N03, N05-N07, N26)	0	0	0	0	0	0	0	0	0	0	0	0
Renal failure (N17-N19)	0	0	0	0	0	0	5	8	14	24	0	51
Other disorders of kidney (N25, N27)	0	0	0	0	0	0	0	0	0	0	0	0
Infections of kidney (N10-N12, N13.6, N15.1)	0	0	0	0	0	0	1	1	0	0	0	2

# Selected Causes of Death

Table A4E  
Selected Causes of Death by Age Group among White Non-Hispanic Females: Philadelphia, 2016

Cause of Death	< 5	5-14	15-24	25-34	35-44	45-54	55-64	65-74	75-84	85 +	Missing	Total
Hyperplasia of prostate (N40)	0	0	0	0	0	0	0	0	0	0	0	0
Inflammatory diseases of female pelvic organs (N70-N76)	0	0	0	0	0	0	0	0	0	1	0	1
Pregnancy, childbirth and the puerperium (O00-O99)	0	0	0	0	0	0	0	0	0	0	0	0
Pregnancy with abortive outcome (O00-O07)	0	0	0	0	0	0	0	0	0	0	0	0
Other complications of pregnancy, childbirth and the puerperium (O10-O99)	0	0	0	0	0	0	0	0	0	0	0	0
Certain conditions originating in the perinatal period (P00-P96)	2	0	0	0	0	0	0	0	0	0	0	2
Congenital malformations, deformations and chromosomal abnormalities (Q00-Q99)	2	0	0	1	0	0	1	0	0	1	0	5
Symptoms, signs and abnormal clinical and laboratory findings, not elsewhere classified (R00-R99)	1	0	0	2	1	5	8	7	19	71	0	114
All other diseases (Residual) (D65-E07, E15-E34, E65-F99, G04-G14, G23-G25, G31-H93, K00-K22, K29-K31, K50-K66, K71-K72, K75-K76, K83-M99, N13.0-N13.5, N13.7-N13.9, N14, N15.0, N15.8-N15.9, N20-N23, N28-N39, N41-N64, N80-N98)	0	0	1	3	4	10	31	56	88	269	0	462
Accidents (unintentional injuries) (V01-X59, Y85-Y86)	0	2	14	28	21	48	21	8	13	40	0	195
Transport accidents (V01-V99, Y85)	0	0	2	0	0	2	1	3	2	1	0	11
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	0	2	0	0	2	1	3	2	1	0	11
Other land 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)	0	0	0	0	0	0	0	0	0	0	0	0
Water, air and space, and other and unspecified transport accidents and their sequelae (V90-V99, Y85)	0	0	0	0	0	0	0	0	0	0	0	0
Nontransport accidents (W00-X59, Y86)	0	2	12	28	21	46	20	5	11	39	0	184
Falls (W00-W19)	0	0	0	0	0	0	0	2	7	29	0	38
Accidental discharge of firearms (W32-W34)	0	0	0	0	0	0	0	0	0	0	0	0
Accidental drowning and submersion (W65-W74)	0	0	2	0	0	1	1	0	0	0	0	4
Accidental exposure to smoke, fire and flames (X00-X09)	0	1	0	0	0	0	1	0	0	1	0	3

# Selected Causes of Death

Table A4E  
Selected Causes of Death by Age Group among White Non-Hispanic Females: Philadelphia, 2016

Cause of Death	< 5	5-14	15-24	25-34	35-44	45-54	55-64	65-74	75-84	85 +	Missing	Total
Accidents (unintentional injuries) (V01-X59, Y85-Y86)												
(continued)	0	2	14	28	21	48	21	8	13	40	0	195
Nontransport accidents (W00-X59, Y86) (continued)	0	2	12	28	21	46	20	5	11	39	0	184
Accidental poisoning and exposure to noxious substances (X40-X49)	0	1	10	28	19	45	16	1	1	0	0	121
Other and unspecified nontransport accidents and their sequelae (W20-W31, W35-W64, W75-W99, X10-X39, X50-X59, Y86)	0	0	0	0	2	0	2	2	3	9	0	18
Intentional self-harm (suicide) (U03, X60-X84, Y87.0)	0	0	1	5	1	5	4	3	0	1	0	20
Intentional self-harm (suicide) by discharge of firearms (X72-X74)	0	0	0	0	1	1	1	0	0	0	0	3
Intentional self-harm (suicide) by other and unspecified means and their sequelae (U03, X60-X71, X75-X84, Y87.0)	0	0	1	5	0	4	3	3	0	1	0	17
Assault (homicide) (U01-U02, X85-Y09, Y87.1)	0	0	0	2	2	0	1	1	1	0	0	7
Assault (homicide) by discharge of firearms (U01.4, X93-X95)	0	0	0	1	1	0	1	0	1	0	0	4
Assault (homicide) by other and unspecified means and their sequelae (U01.0-U01.3, U01.5-U01.9, U02, X85-X92, X96-Y09, Y87.1)	0	0	0	1	1	0	0	1	0	0	0	3
Legal intervention (Y35, Y89.0)	0	0	0	0	0	0	0	0	0	0	0	0
Events of undetermined intent (Y10-Y34, Y87.2, Y89.9)	0	0	0	0	0	0	0	0	0	0	0	0
Discharge of firearms, undetermined intent (Y22-Y24)	0	0	0	0	0	0	0	0	0	0	0	0
Other and unspecified events of undetermined intent and their sequelae (Y10-Y21, Y25-Y34, Y87.2, Y89.9)	0	0	0	0	0	0	0	0	0	0	0	0
Operations of war and their sequelae (Y36, Y89.1)	0	0	0	0	0	0	0	0	0	0	0	0
Complications of medical and surgical care (Y40-Y84, Y88)	0	0	0	0	0	0	0	1	0	0	0	1

# Selected Causes of Death

Table A4F  
Selected Causes of Death by Age Group among Black Non-Hispanic Males: Philadelphia, 2016

Cause of Death	< 5	5-14	15-24	25-34	35-44	45-54	55-64	65-74	75-84	85 +	Missing	Total
All causes	85	14	120	160	157	330	677	754	538	433		3268
Salmonella infections (A01-A02)	0	0	0	0	0	0	0	0	0	0	0	0
Shigellosis and amebiasis (A03, A06)	0	0	0	0	0	0	0	0	0	0	0	0
Certain other intestinal infections (A04, A07-A09)	0	0	0	0	0	0	0	2	1	0	0	3
Tuberculosis (A16-A19)	0	0	0	0	0	0	0	0	0	0	0	0
Respiratory tuberculosis (A16)	0	0	0	0	0	0	0	0	0	0	0	0
Other tuberculosis (A17-A19)	0	0	0	0	0	0	0	0	0	0	0	0
Whooping cough (A37)	0	0	0	0	0	0	0	0	0	0	0	0
Scarlet fever and erysipelas (A38, A46)	0	0	0	0	0	0	0	0	0	0	0	0
Meningococcal infection (A39)	0	0	0	0	0	0	0	0	0	0	0	0
Septicemia (A40-A41)	0	1	0	1	2	5	21	30	16	6	0	82
Syphilis (A50-A53)	0	0	0	0	0	0	0	0	0	0	0	0
Acute poliomyelitis (A80)	0	0	0	0	0	0	0	0	0	0	0	0
Arthropod-borne viral encephalitis (A83-A84, A85.2)	0	0	0	0	0	0	0	0	0	0	0	0
Measles (B05)	0	0	0	0	0	0	0	0	0	0	0	0
Viral hepatitis (B15-B19)	0	0	0	0	0	3	10	7	1	1	0	22
Human immunodeficiency virus (HIV) disease (B20-B24)	0	0	0	6	5	8	15	2	1	0	0	37
Malaria (B50-B54)	0	0	0	0	0	0	0	0	0	0	0	0
Other and unspecified infectious and parasitic diseases and their sequelae (A00, A05, A20-A36, A42-A44, A48-A49, A54-A79, A81-A82, A85.0-A85.1, A85.8, A86-B04, B06-B09, B25-B49, B55-B99)	0	0	0	1	0	0	3	2	2	0	0	8
Malignant neoplasms (C00-C97)	1	1	1	6	10	49	181	237	123	90	0	699
Malignant neoplasms of lip, oral cavity and pharynx (C00-C14)	0	0	0	0	0	1	4	5	2	0	0	12
Malignant neoplasm of esophagus (C15)	0	0	0	0	0	1	3	6	5	1	0	16
Malignant neoplasm of stomach (C16)	0	0	0	0	0	3	4	5	4	3	0	19
Malignant neoplasms of colon, rectum and anus (C18-C21)	0	0	0	1	4	5	21	24	7	9	0	71
Malignant neoplasms of liver and intrahepatic bile ducts (C22)	0	0	0	0	1	5	28	21	3	3	0	61
Malignant neoplasm of pancreas (C25)	0	0	0	0	1	3	11	13	9	6	0	43
Malignant neoplasm of larynx (C32)	0	0	0	0	0	1	3	5	2	1	0	12

# Selected Causes of Death

Table A4F  
Selected Causes of Death by Age Group among Black Non-Hispanic Males: Philadelphia, 2016

Cause of Death	< 5	5-14	15-24	25-34	35-44	45-54	55-64	65-74	75-84	85 +	Missing	Total
Malignant neoplasms (C00-C97) (continued)	1	1	1	6	10	49	181	237	123	90	0	699
Malignant neoplasms of trachea, bronchus and lung (C33-C34)	0	0	0	0	1	16	47	64	31	17	0	176
Malignant melanoma of skin (C43)	0	0	0	0	0	0	0	0	0	0	0	0
Malignant neoplasm of breast (C50)	0	0	0	0	0	0	1	0	0	0	0	1
Malignant neoplasm of cervix uteri (C53)	0	0	0	0	0	0	0	0	0	0	0	0
Malignant neoplasms of corpus uteri and uterus, part unspecified (C54-C55)	0	0	0	0	0	0	0	0	0	0	0	0
Malignant neoplasm of ovary (C56)	0	0	0	0	0	0	0	0	0	0	0	0
Malignant neoplasm of prostate (C61)	0	0	0	0	0	4	17	38	36	28	0	123
Malignant neoplasms of kidney and renal pelvis (C64-C65)	0	0	0	0	0	2	2	6	2	1	0	13
Malignant neoplasm of bladder (C67)	0	0	0	0	0	0	6	3	1	7	0	17
Malignant neoplasms of meninges, brain and other parts of central nervous system (C70-C72)	0	1	0	2	1	1	3	1	0	1	0	10
Malignant neoplasms of lymphoid, hematopoietic and related tissue (C81-C96)	0	0	0	1	2	3	13	16	11	6	0	52
Hodgkin's disease (C81)	0	0	0	0	0	0	0	0	1	0	0	1
Non-Hodgkin's lymphoma (C82-C85)	0	0	0	0	0	0	5	3	1	3	0	12
Leukemia (C91-C95)	0	0	0	1	2	3	2	4	4	1	0	17
Multiple myeloma and immunoproliferative neoplasms (C88, C90)	0	0	0	0	0	0	6	9	5	2	0	22
Other and unspecified malignant neoplasms of lymphoid, hematopoietic and related tissue (C96)	0	0	0	0	0	0	0	0	0	0	0	0
All other and unspecified malignant neoplasms (C17, C23-C24, C26-C31, C37-C41, C44-C49, C51-C52, C57-C60, C62-C63, C66, C68-C69, C73-C80, C97)	1	0	1	2	0	4	18	30	10	7	0	73
In situ neoplasms, benign neoplasms and neoplasms of uncertain or unknown behavior (D00-D48)	0	0	0	0	2	1	3	3	2	0	0	11
Anemias (D50-D64)	0	0	1	0	1	3	1	1	2	0	0	9
Diabetes mellitus (E10-E14)	0	0	0	3	4	15	21	33	9	8	0	93
Nutritional deficiencies (E40-E64)	0	0	0	0	0	0	1	1	1	1	0	4
Malnutrition (E40-E46)	0	0	0	0	0	0	1	1	1	1	0	4
Other nutritional deficiencies (E50-E64)	0	0	0	0	0	0	0	0	0	0	0	0
Meningitis (G00, G03)	0	0	0	0	1	0	0	0	0	0	0	1



# Selected Causes of Death

Table A4F  
Selected Causes of Death by Age Group among Black Non-Hispanic Males: Philadelphia, 2016

Cause of Death	< 5	5-14	15-24	25-34	35-44	45-54	55-64	65-74	75-84	85 +	Missing	Total
Parkinson's disease (G20-G21)	0	0	0	0	0	0	0	1	3	2	0	6
Alzheimer's disease (G30)	0	0	0	0	0	0	1	2	13	13	0	29
Major cardiovascular diseases (I00-I78)	3	3	4	15	44	113	233	239	212	165	0	1031
Diseases of heart (I00-I09, I11, I13, I20-I51)	1	1	4	14	42	103	198	195	173	129	0	860
Acute rheumatic fever and chronic rheumatic heart diseases (I00-I09)	0	0	0	0	0	1	0	0	0	0	0	1
Hypertensive heart disease (I11)	0	0	2	4	10	30	32	25	14	11	0	128
Hypertensive heart and renal disease (I13)	0	0	0	0	2	1	3	3	4	1	0	14
Ischemic heart diseases (I20-I25)	0	0	0	6	19	43	120	116	107	69	0	480
Acute myocardial infarction (I21-I22)	0	0	0	0	4	8	17	13	18	12	0	72
Other acute ischemic heart diseases (I24)	0	0	0	0	0	1	1	0	2	0	0	4
Other forms of chronic ischemic heart disease (I20, I25)	0	0	0	6	15	34	102	103	87	57	0	404
Atherosclerotic cardiovascular disease, so described (I25.0)	0	0	0	3	11	26	72	60	39	16	0	227
All other forms of chronic ischemic heart disease (I20, I25.1-I25.9)	0	0	0	3	4	8	30	43	48	41	0	177
Other heart diseases (I26-I51)	1	1	2	4	11	28	43	51	48	48	0	237
Acute and subacute endocarditis (I33)	0	0	0	0	0	0	1	1	0	0	0	2
Diseases of pericardium and acute myocarditis (I30-I31, I40)	0	0	0	0	0	0	0	0	0	0	0	0
Heart failure (I50)	0	0	0	0	2	6	11	22	19	22	0	82
All other forms of heart disease (I26-I28, I34-I38, I42-I49, I51)	1	1	2	4	9	22	31	28	29	26	0	153
Essential hypertension and hypertensive renal disease (I10, I12, I15)	0	0	0	0	1	4	7	7	4	9	0	32
Cerebrovascular diseases (I60-I69)	1	1	0	1	1	5	25	28	30	25	0	117
Atherosclerosis (I70)	0	0	0	0	0	0	1	1	1	1	0	4
Other diseases of circulatory system (I71-I78)	1	1	0	0	0	1	2	8	4	1	0	18
Aortic aneurysm and dissection (I71)	0	0	0	0	0	1	0	3	0	1	0	5
Other diseases of arteries, arterioles and capillaries (I72-I78)	1	1	0	0	0	0	2	5	4	0	0	13
Other disorders of circulatory system (I80-I99)	0	0	0	2	0	2	1	0	0	0	0	5

# Selected Causes of Death

Table A4F  
Selected Causes of Death by Age Group among Black Non-Hispanic Males: Philadelphia, 2016

Cause of Death	< 5	5-14	15-24	25-34	35-44	45-54	55-64	65-74	75-84	85 +	Missing	Total
Influenza and pneumonia (J09-J18)	1	1	0	0	1	6	8	12	11	6	0	46
Influenza (J09-J11)	0	1	0	0	0	0	0	1	2	1	0	5
Pneumonia (J12-J18)	1	0	0	0	1	6	8	11	9	5	0	41
Other acute lower respiratory infections (J20-J22, U04)	0	0	0	0	0	0	0	0	0	0	0	0
Acute bronchitis and bronchiolitis (J20-J21)	0	0	0	0	0	0	0	0	0	0	0	0
Other and unspecified acute lower respiratory infections (J22, U04)	0	0	0	0	0	0	0	0	0	0	0	0
Chronic lower respiratory diseases (J40-J47)	1	1	0	0	0	1	22	26	23	13	0	87
Bronchitis, chronic and unspecified (J40-J42)	0	0	0	0	0	0	0	0	0	0	0	0
Emphysema (J43)	0	0	0	0	0	0	0	1	1	0	0	2
Asthma (J45-J46)	1	1	0	0	0	1	2	0	1	0	0	6
Other chronic lower respiratory diseases (J44, J47)	0	0	0	0	0	0	20	25	21	13	0	79
Pneumoconioses and chemical effects (J60-J66, J68)	0	0	0	0	0	0	0	0	0	0	0	0
Pneumonitis due to solids and liquids (J69)	0	0	0	1	0	0	4	4	4	5	0	18
Other diseases of respiratory system (J00-J06, J30-J39, J67, J70-J98)	1	0	0	0	2	5	3	9	6	8	0	34
Peptic ulcer (K25-K28)	0	0	0	0	0	0	2	0	1	0	0	3
Diseases of appendix (K35-K38)	0	0	0	0	0	0	0	0	0	0	0	0
Hernia (K40-K46)	0	0	0	0	0	0	1	1	0	0	0	2
Chronic liver disease and cirrhosis (K70, K73-K74)	0	0	0	0	0	3	9	8	4	1	0	25
Alcoholic liver disease (K70)	0	0	0	0	0	2	6	1	0	0	0	9
Other chronic liver disease and cirrhosis (K73-K74)	0	0	0	0	0	1	3	7	4	1	0	16
Cholelithiasis and other disorders of gallbladder (K80-K82)	0	0	0	0	0	0	1	0	1	1	0	3
Nephritis, nephrotic syndrome and nephrosis (N00-N07, N17-N19, N25-N27)	0	0	1	0	1	5	17	19	23	18	0	84
Acute and rapidly progressive nephritic and nephrotic syndrome (N00-N01, N04)	0	0	0	0	0	0	0	0	0	0	0	0
Chronic glomerulonephritis, nephritis and nephropathy not specified as acute or chronic, and renal sclerosis unspecified (N02-N03, N05-N07, N26)	0	0	1	0	0	0	0	0	0	0	0	1
Renal failure (N17-N19)	0	0	0	0	1	5	17	19	23	18	0	83
Other disorders of kidney (N25, N27)	0	0	0	0	0	0	0	0	0	0	0	0
Infections of kidney (N10-N12, N13.6, N15.1)	0	0	0	0	1	0	1	0	0	0	0	2

# Selected Causes of Death

Table A4F  
Selected Causes of Death by Age Group among Black Non-Hispanic Males: Philadelphia, 2016

Cause of Death	< 5	5-14	15-24	25-34	35-44	45-54	55-64	65-74	75-84	85 +	Missing	Total
Hyperplasia of prostate (N40)	0	0	0	0	0	0	0	0	0	2	0	2
Inflammatory diseases of female pelvic organs (N70-N76)	0	0	0	0	0	0	0	0	0	0	0	0
Pregnancy, childbirth and the puerperium (O00-O99)	0	0	0	0	0	0	0	0	0	0	0	0
Pregnancy with abortive outcome (O00-O07)	0	0	0	0	0	0	0	0	0	0	0	0
Other complications of pregnancy, childbirth and the puerperium (O10-O99)	0	0	0	0	0	0	0	0	0	0	0	0
Certain conditions originating in the perinatal period (P00-P96)	48	0	0	0	0	0	0	0	0	0	0	48
Congenital malformations, deformations and chromosomal abnormalities (Q00-Q99)	7	1	2	1	1	2	1	0	0	0	0	15
Symptoms, signs and abnormal clinical and laboratory findings, not elsewhere classified (R00-R99)	13	0	1	5	4	9	12	8	3	9	0	64
All other diseases (Residual) (D65-E07, E15-E34, E65-F99, G04-G14, G23-G25, G31-H93, K00-K22, K29-K31, K50-K66, K71-K72, K75-K76, K83-M99, N13.0-N13.5, N13.7-N13.9, N14, N15.0, N15.8-N15.9, N20-N23, N28-N39, N41-N64, N80-N98)	1	0	6	5	13	28	48	74	65	75	0	315
Accidents (unintentional injuries) (V01-X59, Y85-Y86)	7	5	16	23	38	48	49	26	8	8	0	228
Transport accidents (V01-V99, Y85)	1	1	6	9	6	4	4	3	1	0	0	35
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	1	5	7	5	4	4	3	1	0	0	31
Other land 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)	0	0	1	2	1	0	0	0	0	0	0	4
Water, air and space, and other and unspecified transport accidents and their sequelae (V90-V99, Y85)	0	0	0	0	0	0	0	0	0	0	0	0
Nontransport accidents (W00-X59, Y86)	6	4	10	14	32	44	45	23	7	8	0	193
Falls (W00-W19)	0	0	0	3	1	3	4	2	3	3	0	19
Accidental discharge of firearms (W32-W34)	0	0	0	0	0	0	0	0	0	0	0	0
Accidental drowning and submersion (W65-W74)	0	1	1	0	0	1	0	0	0	0	0	3
Accidental exposure to smoke, fire and flames (X00-X09)	1	2	0	0	0	0	1	2	1	0	0	7

# Selected Causes of Death

Table A4F  
Selected Causes of Death by Age Group among Black Non-Hispanic Males: Philadelphia, 2016

Cause of Death	< 5	5-14	15-24	25-34	35-44	45-54	55-64	65-74	75-84	85 +	Missing	Total
Accidents (unintentional injuries) (V01-X59, Y85-Y86)												
(continued)	7	5	16	23	38	48	49	26	8	8	0	228
Nontransport accidents (W00-X59, Y86) (continued)	6	4	10	14	32	44	45	23	7	8	0	193
Accidental poisoning and exposure to noxious substances (X40-X49)	0	0	8	11	29	36	37	15	1	1	0	138
Other and unspecified nontransport accidents and their sequelae (W20-W31, W35-W64, W75-W99, X10-X39, X50-X59, Y86)	5	1	1	0	2	4	3	4	2	4	0	26
Intentional self-harm (suicide) (U03, X60-X84, Y87.0)	0	0	8	5	2	4	2	1	2	1	0	25
Intentional self-harm (suicide) by discharge of firearms (X72-X74)	0	0	4	2	0	1	1	0	2	1	0	11
Intentional self-harm (suicide) by other and unspecified means and their sequelae (U03, X60-X71, X75-X84, Y87.0)	0	0	4	3	2	3	1	1	0	0	0	14
Assault (homicide) (U01-U02, X85-Y09, Y87.1)	1	1	79	86	24	19	5	0	0	0	0	215
Assault (homicide) by discharge of firearms (U01.4, X93-X95)	0	1	75	78	22	13	2	0	0	0	0	191
Assault (homicide) by other and unspecified means and their sequelae (U01.0-U01.3, U01.5-U01.9, U02, X85-X92, X96-Y09, Y87.1)	1	0	4	8	2	6	3	0	0	0	0	24
Legal intervention (Y35, Y89.0)	0	0	0	0	0	0	0	0	0	0	0	0
Events of undetermined intent (Y10-Y34, Y87.2, Y89.9)	1	0	1	0	1	0	1	0	0	0	0	4
Discharge of firearms, undetermined intent (Y22-Y24)	0	0	1	0	1	0	0	0	0	0	0	2
Other and unspecified events of undetermined intent and their sequelae (Y10-Y21, Y25-Y34, Y87.2, Y89.9)	1	0	0	0	0	0	1	0	0	0	0	2
Operations of war and their sequelae (Y36, Y89.1)	0	0	0	0	0	0	0	0	0	0	0	0
Complications of medical and surgical care (Y40-Y84, Y88)	0	0	0	0	0	1	0	6	1	0	0	8

# Selected Causes of Death

Table A4G  
Selected Causes of Death by Age Group among Black Non-Hispanic Females: Philadelphia, 2016

Cause of Death	< 5	5-14	15-24	25-34	35-44	45-54	55-64	65-74	75-84	85 +	Missing	Total
All causes	50	6	29	32	101	263	545	669	775	932		3402
Salmonella infections (A01-A02)	0	0	0	0	0	0	0	0	0	0	0	0
Shigellosis and amebiasis (A03, A06)	0	0	0	0	0	0	0	0	0	0	0	0
Certain other intestinal infections (A04, A07-A09)	1	0	0	0	0	0	0	1	3	4	0	9
Tuberculosis (A16-A19)	0	0	0	0	0	1	1	0	0	0	0	2
Respiratory tuberculosis (A16)	0	0	0	0	0	0	1	0	0	0	0	1
Other tuberculosis (A17-A19)	0	0	0	0	0	1	0	0	0	0	0	1
Whooping cough (A37)	0	0	0	0	0	0	0	0	0	0	0	0
Scarlet fever and erysipelas (A38, A46)	0	0	0	0	0	0	0	0	0	0	0	0
Meningococcal infection (A39)	0	0	0	0	0	0	0	0	0	0	0	0
Septicemia (A40-A41)	1	1	0	0	2	6	19	24	34	16	0	103
Syphilis (A50-A53)	0	0	0	0	0	0	0	0	0	0	0	0
Acute poliomyelitis (A80)	0	0	0	0	0	0	0	0	0	0	0	0
Arthropod-borne viral encephalitis (A83-A84, A85.2)	0	0	0	0	0	0	0	0	0	0	0	0
Measles (B05)	0	0	0	0	0	0	0	0	0	0	0	0
Viral hepatitis (B15-B19)	0	0	0	0	1	0	7	2	0	0	0	10
Human immunodeficiency virus (HIV) disease (B20-B24)	0	0	0	1	3	5	2	3	0	0	0	14
Malaria (B50-B54)	0	0	0	0	0	0	0	0	0	0	0	0
Other and unspecified infectious and parasitic diseases and their sequelae (A00, A05, A20-A36, A42-A44, A48-A49, A54-A79, A81-A82, A85.0-A85.1, A85.8, A86-B04, B06-B09, B25-B49, B55-B99)	3	0	1	0	1	0	3	1	1	2	0	12
Malignant neoplasms (C00-C97)	1	1	2	4	20	63	171	205	192	129	0	788
Malignant neoplasms of lip, oral cavity and pharynx (C00-C14)	0	0	0	0	0	0	0	1	0	0	0	1
Malignant neoplasm of esophagus (C15)	0	0	0	0	0	0	3	3	3	3	0	12
Malignant neoplasm of stomach (C16)	0	0	0	0	0	2	4	3	3	5	0	17
Malignant neoplasms of colon, rectum and anus (C18-C21)	0	0	0	1	2	7	11	17	23	19	0	80
Malignant neoplasms of liver and intrahepatic bile ducts (C22)	0	0	0	0	1	2	11	8	5	6	0	33
Malignant neoplasm of pancreas (C25)	0	0	0	0	1	3	16	19	18	5	0	62
Malignant neoplasm of larynx (C32)	0	0	0	0	0	0	1	1	1	0	0	3

# Selected Causes of Death

Table A4G  
Selected Causes of Death by Age Group among Black Non-Hispanic Females: Philadelphia, 2016

Cause of Death	< 5	5-14	15-24	25-34	35-44	45-54	55-64	65-74	75-84	85 +	Missing	Total
Malignant neoplasms (C00-C97) (continued)	1	1	2	4	20	63	171	205	192	129	0	788
Malignant neoplasms of trachea, bronchus and lung (C33-C34)	0	0	0	0	0	7	54	57	57	29	0	204
Malignant melanoma of skin (C43)	0	0	0	0	0	0	0	0	0	1	0	1
Malignant neoplasm of breast (C50)	0	0	0	1	4	19	26	27	25	23	0	125
Malignant neoplasm of cervix uteri (C53)	0	0	0	0	1	3	1	1	2	0	0	8
Malignant neoplasms of corpus uteri and uterus, part unspecified (C54-C55)	0	0	0	0	1	2	6	19	9	3	0	40
Malignant neoplasm of ovary (C56)	0	0	0	0	1	3	7	3	4	2	0	20
Malignant neoplasm of prostate (C61)	0	0	0	0	0	0	0	0	0	0	0	0
Malignant neoplasms of kidney and renal pelvis (C64-C65)	0	0	1	1	0	0	2	4	4	2	0	14
Malignant neoplasm of bladder (C67)	0	0	0	0	0	1	0	3	4	4	0	12
Malignant neoplasms of meninges, brain and other parts of central nervous system (C70-C72)	0	1	0	0	1	2	1	0	0	2	0	7
Malignant neoplasms of lymphoid, hematopoietic and related tissue (C81-C96)	0	0	1	0	3	3	7	17	18	13	0	62
Hodgkin's disease (C81)	0	0	0	0	0	0	0	0	0	0	0	0
Non-Hodgkin's lymphoma (C82-C85)	0	0	0	0	1	1	2	4	3	5	0	16
Leukemia (C91-C95)	0	0	1	0	0	2	2	6	4	3	0	18
Multiple myeloma and immunoproliferative neoplasms (C88, C90)	0	0	0	0	2	0	3	7	11	5	0	28
Other and unspecified malignant neoplasms of lymphoid, hematopoietic and related tissue (C96)	0	0	0	0	0	0	0	0	0	0	0	0
All other and unspecified malignant neoplasms (C17, C23-C24, C26-C31, C37-C41, C44-C49, C51-C52, C57-C60, C62-C63, C66, C68-C69, C73-C80, C97)	1	0	0	1	5	9	21	22	16	12	0	87
In situ neoplasms, benign neoplasms and neoplasms of uncertain or unknown behavior (D00-D48)	0	0	1	1	0	1	1	2	2	2	0	10
Anemias (D50-D64)	0	0	1	0	3	2	1	1	2	4	0	14
Diabetes mellitus (E10-E14)	0	0	0	0	1	10	13	23	24	17	0	88
Nutritional deficiencies (E40-E64)	0	0	0	0	0	1	1	0	1	4	0	7
Malnutrition (E40-E46)	0	0	0	0	0	1	1	0	1	4	0	7
Other nutritional deficiencies (E50-E64)	0	0	0	0	0	0	0	0	0	0	0	0
Meningitis (G00, G03)	0	0	0	1	0	0	0	0	0	0	0	1

# Selected Causes of Death

Table A4G  
Selected Causes of Death by Age Group among Black Non-Hispanic Females: Philadelphia, 2016

Cause of Death	< 5	5-14	15-24	25-34	35-44	45-54	55-64	65-74	75-84	85 +	Missing	Total
Parkinson's disease (G20-G21)	0	0	0	0	0	0	0	0	5	3	0	8
Alzheimer's disease (G30)	0	0	0	0	0	0	0	5	19	52	0	76
Major cardiovascular diseases (I00-I78)	3	0	2	3	21	82	166	235	274	375	0	1161
Diseases of heart (I00-I09, I11, I13, I20-I51)	2	0	1	3	18	65	136	185	191	263	0	864
Acute rheumatic fever and chronic rheumatic heart diseases (I00-I09)	0	0	0	0	0	1	1	0	0	2	0	4
Hypertensive heart disease (I11)	0	0	0	1	9	30	31	19	22	26	0	138
Hypertensive heart and renal disease (I13)	0	0	0	0	0	0	3	2	0	1	0	6
Ischemic heart diseases (I20-I25)	0	0	0	1	5	24	59	106	96	149	0	440
Acute myocardial infarction (I21-I22)	0	0	0	0	2	5	9	23	23	36	0	98
Other acute ischemic heart diseases (I24)	0	0	0	0	0	1	0	0	0	0	0	1
Other forms of chronic ischemic heart disease (I20, I25)	0	0	0	1	3	18	50	83	73	113	0	341
Atherosclerotic cardiovascular disease, so described (I25.0)	0	0	0	1	3	10	33	44	24	33	0	148
All other forms of chronic ischemic heart disease (I20, I25.1-I25.9)	0	0	0	0	0	8	17	39	49	80	0	193
Other heart diseases (I26-I51)	2	0	1	1	4	10	42	58	73	85	0	276
Acute and subacute endocarditis (I33)	0	0	0	0	0	1	0	0	0	0	0	1
Diseases of pericardium and acute myocarditis (I30-I31, I40)	0	0	0	0	0	0	0	2	0	0	0	2
Heart failure (I50)	0	0	0	0	1	1	11	21	30	34	0	98
All other forms of heart disease (I26-I28, I34-I38, I42-I49, I51)	2	0	1	1	3	8	31	35	43	51	0	175
Essential hypertension and hypertensive renal disease (I10, I12, I15)	0	0	0	0	0	4	7	9	12	12	0	44
Cerebrovascular diseases (I60-I69)	1	0	1	0	2	9	21	35	62	86	0	217
Atherosclerosis (I70)	0	0	0	0	0	1	0	2	1	0	0	4
Other diseases of circulatory system (I71-I78)	0	0	0	0	1	3	2	4	8	14	0	32
Aortic aneurysm and dissection (I71)	0	0	0	0	1	0	2	1	3	2	0	9
Other diseases of arteries, arterioles and capillaries (I72-I78)	0	0	0	0	0	3	0	3	5	12	0	23
Other disorders of circulatory system (I80-I99)	0	0	0	0	1	0	0	1	1	0	0	3

# Selected Causes of Death

Table A4G  
Selected Causes of Death by Age Group among Black Non-Hispanic Females: Philadelphia, 2016

Cause of Death	< 5	5-14	15-24	25-34	35-44	45-54	55-64	65-74	75-84	85 +	Missing	Total
Influenza and pneumonia (J09-J18)	0	0	0	1	4	3	5	12	12	15	0	52
Influenza (J09-J11)	0	0	0	1	0	0	1	0	2	1	0	5
Pneumonia (J12-J18)	0	0	0	0	4	3	4	12	10	14	0	47
Other acute lower respiratory infections (J20-J22, U04)	0	0	0	0	0	0	0	0	0	0	0	0
Acute bronchitis and bronchiolitis (J20-J21)	0	0	0	0	0	0	0	0	0	0	0	0
Other and unspecified acute lower respiratory infections (J22, U04)	0	0	0	0	0	0	0	0	0	0	0	0
Chronic lower respiratory diseases (J40-J47)	0	0	0	0	0	8	27	30	40	30	0	135
Bronchitis, chronic and unspecified (J40-J42)	0	0	0	0	0	0	0	0	0	1	0	1
Emphysema (J43)	0	0	0	0	0	0	1	1	2	1	0	5
Asthma (J45-J46)	0	0	0	0	0	2	2	0	1	0	0	5
Other chronic lower respiratory diseases (J44, J47)	0	0	0	0	0	6	24	29	37	28	0	124
Pneumoconioses and chemical effects (J60-J66, J68)	0	0	0	0	0	0	0	0	1	0	0	1
Pneumonitis due to solids and liquids (J69)	0	0	0	0	0	1	1	4	5	4	0	15
Other diseases of respiratory system (J00-J06, J30-J39, J67, J70-J98)	1	0	0	1	1	7	6	9	14	16	0	55
Peptic ulcer (K25-K28)	0	0	0	0	0	0	0	0	1	1	0	2
Diseases of appendix (K35-K38)	0	0	0	0	0	0	0	0	0	0	0	0
Hernia (K40-K46)	0	0	0	0	0	0	0	0	0	0	0	0
Chronic liver disease and cirrhosis (K70, K73-K74)	1	0	0	0	2	1	4	5	2	1	0	16
Alcoholic liver disease (K70)	0	0	0	0	1	1	1	1	0	0	0	4
Other chronic liver disease and cirrhosis (K73-K74)	1	0	0	0	1	0	3	4	2	1	0	12
Cholelithiasis and other disorders of gallbladder (K80-K82)	0	0	0	0	0	0	0	0	0	2	0	2
Nephritis, nephrotic syndrome and nephrosis (N00-N07, N17-N19, N25-N27)	0	0	0	0	4	3	11	25	25	26	0	94
Acute and rapidly progressive nephritic and nephrotic syndrome (N00-N01, N04)	0	0	0	0	0	0	0	0	0	1	0	1
Chronic glomerulonephritis, nephritis and nephropathy not specified as acute or chronic, and renal sclerosis unspecified (N02-N03, N05-N07, N26)	0	0	0	0	0	0	0	0	0	0	0	0
Renal failure (N17-N19)	0	0	0	0	4	3	11	25	25	25	0	93
Other disorders of kidney (N25, N27)	0	0	0	0	0	0	0	0	0	0	0	0
Infections of kidney (N10-N12, N13.6, N15.1)	0	0	0	0	0	0	1	0	0	0	0	1



# Selected Causes of Death

Table A4G  
Selected Causes of Death by Age Group among Black Non-Hispanic Females: Philadelphia, 2016

Cause of Death	< 5	5-14	15-24	25-34	35-44	45-54	55-64	65-74	75-84	85 +	Missing	Total
Hyperplasia of prostate (N40)	0	0	0	0	0	0	0	0	0	0	0	0
Inflammatory diseases of female pelvic organs (N70-N76)	0	0	0	0	0	0	0	0	0	0	0	0
Pregnancy, childbirth and the puerperium (O00-O99)	0	0	0	1	4	0	0	0	0	0	0	5
Pregnancy with abortive outcome (O00-O07)	0	0	0	0	0	0	0	0	0	0	0	0
Other complications of pregnancy, childbirth and the puerperium (O10-O99)	0	0	0	1	4	0	0	0	0	0	0	5
Certain conditions originating in the perinatal period (P00-P96)	27	0	0	0	0	0	0	0	0	0	0	27
Congenital malformations, deformations and chromosomal abnormalities (Q00-Q99)	2	0	0	0	1	2	0	0	0	0	0	5
Symptoms, signs and abnormal clinical and laboratory findings, not elsewhere classified (R00-R99)	4	1	4	2	1	3	8	4	7	15	0	49
All other diseases (Residual) (D65-E07, E15-E34, E65-F99, G04-G14, G23-G25, G31-H93, K00-K22, K29-K31, K50-K66, K71-K72, K75-K76, K83-M99, N13.0-N13.5, N13.7-N13.9, N14, N15.0, N15.8-N15.9, N20-N23, N28-N39, N41-N64, N80-N98)	1	1	4	3	6	29	63	69	102	195	0	473
Accidents (unintentional injuries) (V01-X59, Y85-Y86)	3	1	8	9	22	29	32	6	6	16	0	132
Transport accidents (V01-V99, Y85)	1	1	4	1	1	0	2	2	1	0	0	13
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	1	3	1	1	0	2	2	1	0	0	12
Other land 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)	0	0	1	0	0	0	0	0	0	0	0	1
Water, air and space, and other and unspecified transport accidents and their sequelae (V90-V99, Y85)	0	0	0	0	0	0	0	0	0	0	0	0
Nontransport accidents (W00-X59, Y86)	2	0	4	8	21	29	30	4	5	16	0	119
Falls (W00-W19)	0	0	0	0	0	0	3	0	1	11	0	15
Accidental discharge of firearms (W32-W34)	1	0	0	0	0	0	0	0	0	0	0	1
Accidental drowning and submersion (W65-W74)	0	0	0	0	0	0	0	0	0	0	0	0
Accidental exposure to smoke, fire and flames (X00-X09)	0	0	0	0	0	0	1	3	1	0	0	5

# Selected Causes of Death

Table A4G  
Selected Causes of Death by Age Group among Black Non-Hispanic Females: Philadelphia, 2016

Cause of Death	< 5	5-14	15-24	25-34	35-44	45-54	55-64	65-74	75-84	85 +	Missing	Total
Accidents (unintentional injuries) (V01-X59, Y85-Y86)												
(continued)	3	1	8	9	22	29	32	6	6	16	0	132
Nontransport accidents (W00-X59, Y86) (continued)	2	0	4	8	21	29	30	4	5	16	0	119
Accidental poisoning and exposure to noxious substances (X40-X49)	0	0	4	8	21	24	24	0	1	0	0	82
Other and unspecified nontransport accidents and their sequelae (W20-W31, W35-W64, W75-W99, X10-X39, X50-X59, Y86)	1	0	0	0	0	5	2	1	2	5	0	16
Intentional self-harm (suicide) (U03, X60-X84, Y87.0)	0	1	3	2	1	3	1	1	1	0	0	13
Intentional self-harm (suicide) by discharge of firearms (X72-X74)	0	0	0	1	0	0	0	0	1	0	0	2
Intentional self-harm (suicide) by other and unspecified means and their sequelae (U03, X60-X71, X75-X84, Y87.0)	0	1	3	1	1	3	1	1	0	0	0	11
Assault (homicide) (U01-U02, X85-Y09, Y87.1)	2	0	3	3	1	3	1	0	0	2	0	15
Assault (homicide) by discharge of firearms (U01.4, X93-X95)	1	0	3	2	1	0	0	0	0	0	0	7
Assault (homicide) by other and unspecified means and their sequelae (U01.0-U01.3, U01.5-U01.9, U02, X85-X92, X96-Y09, Y87.1)	1	0	0	1	0	3	1	0	0	2	0	8
Legal intervention (Y35, Y89.0)	0	0	0	0	0	0	0	0	0	0	0	0
Events of undetermined intent (Y10-Y34, Y87.2, Y89.9)	0	0	0	0	1	0	0	0	0	0	0	1
Discharge of firearms, undetermined intent (Y22-Y24)	0	0	0	0	1	0	0	0	0	0	0	1
Other and unspecified events of undetermined intent and their sequelae (Y10-Y21, Y25-Y34, Y87.2, Y89.9)	0	0	0	0	0	0	0	0	0	0	0	0
Operations of war and their sequelae (Y36, Y89.1)	0	0	0	0	0	0	0	0	0	0	0	0
Complications of medical and surgical care (Y40-Y84, Y88)	0	0	0	0	0	0	0	1	1	1	0	3

# Selected Causes of Death

Table A4H  
Selected Causes of Death by Age Group among Asian Non-Hispanic Males: Philadelphia, 2016

Cause of Death	< 5	5-14	15-24	25-34	35-44	45-54	55-64	65-74	75-84	85 +	Missing	Total
All causes	3	1	5	7	13	13	25	36	45	38		186
Salmonella infections (A01-A02)	0	0	0	0	0	0	0	0	0	0	0	0
Shigellosis and amebiasis (A03, A06)	0	0	0	0	0	0	0	0	0	0	0	0
Certain other intestinal infections (A04, A07-A09)	0	0	0	0	0	0	0	0	0	0	0	0
Tuberculosis (A16-A19)	0	0	0	0	0	0	0	0	0	0	0	0
Respiratory tuberculosis (A16)	0	0	0	0	0	0	0	0	0	0	0	0
Other tuberculosis (A17-A19)	0	0	0	0	0	0	0	0	0	0	0	0
Whooping cough (A37)	0	0	0	0	0	0	0	0	0	0	0	0
Scarlet fever and erysipelas (A38, A46)	0	0	0	0	0	0	0	0	0	0	0	0
Meningococcal infection (A39)	0	0	0	0	0	0	0	0	0	0	0	0
Septicemia (A40-A41)	0	0	0	0	0	0	0	1	1	0	0	2
Syphilis (A50-A53)	0	0	0	0	0	0	0	0	0	0	0	0
Acute poliomyelitis (A80)	0	0	0	0	0	0	0	0	0	0	0	0
Arthropod-borne viral encephalitis (A83-A84, A85.2)	0	0	0	0	0	0	0	0	0	0	0	0
Measles (B05)	0	0	0	0	0	0	0	0	0	0	0	0
Viral hepatitis (B15-B19)	0	0	0	0	0	0	0	1	0	0	0	1
Human immunodeficiency virus (HIV) disease (B20-B24)	0	0	0	0	0	0	0	0	0	0	0	0
Malaria (B50-B54)	0	0	0	0	0	0	0	0	0	0	0	0
Other and unspecified infectious and parasitic diseases and their sequelae (A00, A05, A20-A36, A42-A44, A48-A49, A54-A79, A81-A82, A85.0-A85.1, A85.8, A86-B04, B06-B09, B25-B49, B55-B99)	0	0	0	0	0	0	0	1	0	0	0	1
Malignant neoplasms (C00-C97)	0	0	0	0	5	6	13	14	17	8	0	63
Malignant neoplasms of lip, oral cavity and pharynx (C00-C14)	0	0	0	0	1	2	0	0	0	0	0	3
Malignant neoplasm of esophagus (C15)	0	0	0	0	0	0	0	0	0	0	0	0
Malignant neoplasm of stomach (C16)	0	0	0	0	0	1	1	0	0	0	0	2
Malignant neoplasms of colon, rectum and anus (C18-C21)	0	0	0	0	0	0	2	1	2	0	0	5
Malignant neoplasms of liver and intrahepatic bile ducts (C22)	0	0	0	0	1	1	4	3	2	2	0	13
Malignant neoplasm of pancreas (C25)	0	0	0	0	0	0	1	0	1	0	0	2
Malignant neoplasm of larynx (C32)	0	0	0	0	0	0	0	0	0	0	0	0

# Selected Causes of Death

Table A4H

Selected Causes of Death by Age Group among Asian Non-Hispanic Males: Philadelphia, 2016

Cause of Death	< 5	5-14	15-24	25-34	35-44	45-54	55-64	65-74	75-84	85 +	Missing	Total
Malignant neoplasms (C00-C97) (continued)	0	0	0	0	5	6	13	14	17	8	0	63
Malignant neoplasms of trachea, bronchus and lung (C33-C34)	0	0	0	0	0	0	2	7	4	3	0	16
Malignant melanoma of skin (C43)	0	0	0	0	0	0	1	0	0	0	0	1
Malignant neoplasm of breast (C50)	0	0	0	0	0	0	0	0	0	0	0	0
Malignant neoplasm of cervix uteri (C53)	0	0	0	0	0	0	0	0	0	0	0	0
Malignant neoplasms of corpus uteri and uterus, part unspecified (C54-C55)	0	0	0	0	0	0	0	0	0	0	0	0
Malignant neoplasm of ovary (C56)	0	0	0	0	0	0	0	0	0	0	0	0
Malignant neoplasm of prostate (C61)	0	0	0	0	0	0	1	0	0	2	0	3
Malignant neoplasms of kidney and renal pelvis (C64-C65)	0	0	0	0	0	1	0	0	0	0	0	1
Malignant neoplasm of bladder (C67)	0	0	0	0	0	1	0	0	0	0	0	1
Malignant neoplasms of meninges, brain and other parts of central nervous system (C70-C72)	0	0	0	0	1	0	0	0	0	0	0	1
Malignant neoplasms of lymphoid, hematopoietic and related tissue (C81-C96)	0	0	0	0	1	0	0	1	6	0	0	8
Hodgkin's disease (C81)	0	0	0	0	0	0	0	0	0	0	0	0
Non-Hodgkin's lymphoma (C82-C85)	0	0	0	0	0	0	0	1	4	0	0	5
Leukemia (C91-C95)	0	0	0	0	1	0	0	0	0	0	0	1
Multiple myeloma and immunoproliferative neoplasms (C88, C90)	0	0	0	0	0	0	0	0	2	0	0	2
Other and unspecified malignant neoplasms of lymphoid, hematopoietic and related tissue (C96)	0	0	0	0	0	0	0	0	0	0	0	0
All other and unspecified malignant neoplasms (C17, C23-C24, C26-C31, C37-C41, C44-C49, C51-C52, C57-C60, C62-C63, C66, C68-C69, C73-C80, C97)	0	0	0	0	1	0	1	2	2	1	0	7
In situ neoplasms, benign neoplasms and neoplasms of uncertain or unknown behavior (D00-D48)	0	0	0	0	1	0	0	0	1	1	0	3
Anemias (D50-D64)	0	0	0	0	0	0	0	0	0	0	0	0
Diabetes mellitus (E10-E14)	0	0	0	0	0	0	1	0	2	1	0	4
Nutritional deficiencies (E40-E64)	0	0	0	0	0	0	0	0	0	0	0	0
Malnutrition (E40-E46)	0	0	0	0	0	0	0	0	0	0	0	0
Other nutritional deficiencies (E50-E64)	0	0	0	0	0	0	0	0	0	0	0	0
Meningitis (G00, G03)	0	0	0	0	0	0	0	0	0	0	0	0

# Selected Causes of Death

Table A4H

Selected Causes of Death by Age Group among Asian Non-Hispanic Males: Philadelphia, 2016

Cause of Death	< 5	5-14	15-24	25-34	35-44	45-54	55-64	65-74	75-84	85 +	Missing	Total
Parkinson's disease (G20-G21)	0	0	0	0	0	0	0	0	0	1	0	1
Alzheimer's disease (G30)	0	0	0	0	0	0	0	0	1	1	0	2
Major cardiovascular diseases (I00-I78)	0	0	0	2	4	3	7	12	10	14	0	52
Diseases of heart (I00-I09, I11, I13, I20-I51)	0	0	0	1	4	2	6	8	7	9	0	37
Acute rheumatic fever and chronic rheumatic heart diseases (I00-I09)	0	0	0	0	1	0	0	0	0	0	0	1
Hypertensive heart disease (I11)	0	0	0	0	0	0	0	0	0	0	0	0
Hypertensive heart and renal disease (I13)	0	0	0	0	0	0	0	0	0	0	0	0
Ischemic heart diseases (I20-I25)	0	0	0	1	3	2	6	7	3	5	0	27
Acute myocardial infarction (I21-I22)	0	0	0	1	1	0	3	2	1	3	0	11
Other acute ischemic heart diseases (I24)	0	0	0	0	0	0	0	0	0	0	0	0
Other forms of chronic ischemic heart disease (I20, I25)	0	0	0	0	2	2	3	5	2	2	0	16
Atherosclerotic cardiovascular disease, so described (I25.0)	0	0	0	0	2	2	2	2	0	1	0	9
All other forms of chronic ischemic heart disease (I20, I25.1-I25.9)	0	0	0	0	0	0	1	3	2	1	0	7
Other heart diseases (I26-I51)	0	0	0	0	0	0	0	1	4	4	0	9
Acute and subacute endocarditis (I33)	0	0	0	0	0	0	0	0	0	0	0	0
Diseases of pericardium and acute myocarditis (I30-I31, I40)	0	0	0	0	0	0	0	0	0	0	0	0
Heart failure (I50)	0	0	0	0	0	0	0	1	1	2	0	4
All other forms of heart disease (I26-I28, I34-I38, I42-I49, I51)	0	0	0	0	0	0	0	0	3	2	0	5
Essential hypertension and hypertensive renal disease (I10, I12, I15)	0	0	0	0	0	0	0	0	0	1	0	1
Cerebrovascular diseases (I60-I69)	0	0	0	1	0	0	0	3	3	4	0	11
Atherosclerosis (I70)	0	0	0	0	0	0	0	0	0	0	0	0
Other diseases of circulatory system (I71-I78)	0	0	0	0	0	1	1	1	0	0	0	3
Aortic aneurysm and dissection (I71)	0	0	0	0	0	1	1	1	0	0	0	3
Other diseases of arteries, arterioles and capillaries (I72-I78)	0	0	0	0	0	0	0	0	0	0	0	0
Other disorders of circulatory system (I80-I99)	0	0	0	0	0	0	0	0	0	0	0	0

# Selected Causes of Death

Table A4H

Selected Causes of Death by Age Group among Asian Non-Hispanic Males: Philadelphia, 2016

Cause of Death	< 5	5-14	15-24	25-34	35-44	45-54	55-64	65-74	75-84	85 +	Missing	Total
Influenza and pneumonia (J09-J18)	0	0	0	0	1	0	0	0	1	1	0	3
Influenza (J09-J11)	0	0	0	0	1	0	0	0	0	0	0	1
Pneumonia (J12-J18)	0	0	0	0	0	0	0	0	1	1	0	2
Other acute lower respiratory infections (J20-J22, U04)	0	0	0	0	0	0	0	0	0	0	0	0
Acute bronchitis and bronchiolitis (J20-J21)	0	0	0	0	0	0	0	0	0	0	0	0
Other and unspecified acute lower respiratory infections (J22, U04)	0	0	0	0	0	0	0	0	0	0	0	0
Chronic lower respiratory diseases (J40-J47)	0	0	0	1	0	0	0	1	1	2	0	5
Bronchitis, chronic and unspecified (J40-J42)	0	0	0	0	0	0	0	0	0	0	0	0
Emphysema (J43)	0	0	0	0	0	0	0	0	0	0	0	0
Asthma (J45-J46)	0	0	0	1	0	0	0	0	0	0	0	1
Other chronic lower respiratory diseases (J44, J47)	0	0	0	0	0	0	0	1	1	2	0	4
Pneumoconioses and chemical effects (J60-J66, J68)	0	0	0	0	0	0	0	0	0	0	0	0
Pneumonitis due to solids and liquids (J69)	0	0	0	0	0	0	0	0	0	0	0	0
Other diseases of respiratory system (J00-J06, J30-J39, J67, J70-J98)	0	0	0	0	0	0	0	1	0	1	0	2
Peptic ulcer (K25-K28)	0	0	0	0	1	0	0	0	0	0	0	1
Diseases of appendix (K35-K38)	0	0	0	0	0	0	0	0	0	0	0	0
Hernia (K40-K46)	0	0	0	0	0	0	0	0	0	0	0	0
Chronic liver disease and cirrhosis (K70, K73-K74)	0	0	0	0	0	0	2	0	0	0	0	2
Alcoholic liver disease (K70)	0	0	0	0	0	0	0	0	0	0	0	0
Other chronic liver disease and cirrhosis (K73-K74)	0	0	0	0	0	0	2	0	0	0	0	2
Cholelithiasis and other disorders of gallbladder (K80-K82)	0	0	0	0	0	0	0	0	0	0	0	0
Nephritis, nephrotic syndrome and nephrosis (N00-N07, N17-N19, N25-N27)	0	0	0	0	0	1	0	1	4	1	0	7
Acute and rapidly progressive nephritic and nephrotic syndrome (N00-N01, N04)	0	0	0	0	0	0	0	0	0	0	0	0
Chronic glomerulonephritis, nephritis and nephropathy not specified as acute or chronic, and renal sclerosis unspecified (N02-N03, N05-N07, N26)	0	0	0	0	0	0	0	0	0	0	0	0
Renal failure (N17-N19)	0	0	0	0	0	1	0	1	4	1	0	7
Other disorders of kidney (N25, N27)	0	0	0	0	0	0	0	0	0	0	0	0
Infections of kidney (N10-N12, N13.6, N15.1)	0	0	0	0	0	0	0	0	0	0	0	0

# Selected Causes of Death

Table A4H

Selected Causes of Death by Age Group among Asian Non-Hispanic Males: Philadelphia, 2016

Cause of Death	< 5	5-14	15-24	25-34	35-44	45-54	55-64	65-74	75-84	85 +	Missing	Total
Hyperplasia of prostate (N40)	0	0	0	0	0	0	0	0	0	0	0	0
Inflammatory diseases of female pelvic organs (N70-N76)	0	0	0	0	0	0	0	0	0	0	0	0
Pregnancy, childbirth and the puerperium (O00-O99)	0	0	0	0	0	0	0	0	0	0	0	0
Pregnancy with abortive outcome (O00-O07)	0	0	0	0	0	0	0	0	0	0	0	0
Other complications of pregnancy, childbirth and the puerperium (O10-O99)	0	0	0	0	0	0	0	0	0	0	0	0
Certain conditions originating in the perinatal period (P00-P96)	3	0	0	0	0	0	0	0	0	0	0	3
Congenital malformations, deformations and chromosomal abnormalities (Q00-Q99)	0	0	0	0	0	0	0	0	0	0	0	0
Symptoms, signs and abnormal clinical and laboratory findings, not elsewhere classified (R00-R99)	0	0	0	1	0	0	1	1	1	1	0	5
All other diseases (Residual) (D65-E07, E15-E34, E65-F99, G04-G14, G23-G25, G31-H93, K00-K22, K29-K31, K50-K66, K71-K72, K75-K76, K83-M99, N13.0-N13.5, N13.7-N13.9, N14, N15.0, N15.8-N15.9, N20-N23, N28-N39, N41-N64, N80-N98)	0	1	1	0	0	2	1	1	4	4	0	14
Accidents (unintentional injuries) (V01-X59, Y85-Y86)	0	0	2	3	1	1	0	2	2	2	0	13
Transport accidents (V01-V99, Y85)	0	0	0	1	0	0	0	2	0	1	0	4
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	0	0	1	0	0	0	1	0	1	0	3
Other land 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)	0	0	0	0	0	0	0	0	0	0	0	0
Water, air and space, and other and unspecified transport accidents and their sequelae (V90-V99, Y85)	0	0	0	0	0	0	0	1	0	0	0	1
Nontransport accidents (W00-X59, Y86)	0	0	2	2	1	1	0	0	2	1	0	9
Falls (W00-W19)	0	0	1	0	0	0	0	0	1	0	0	2
Accidental discharge of firearms (W32-W34)	0	0	0	0	0	0	0	0	0	0	0	0
Accidental drowning and submersion (W65-W74)	0	0	0	0	0	0	0	0	0	0	0	0
Accidental exposure to smoke, fire and flames (X00-X09)	0	0	0	0	0	0	0	0	0	0	0	0

# Selected Causes of Death

Table A4H

Selected Causes of Death by Age Group among Asian Non-Hispanic Males: Philadelphia, 2016

Cause of Death	< 5	5-14	15-24	25-34	35-44	45-54	55-64	65-74	75-84	85 +	Missing	Total
Accidents (unintentional injuries) (V01-X59, Y85-Y86)												
(continued)	0	0	2	3	1	1	0	2	2	2	0	13
Nontransport accidents (W00-X59, Y86) (continued)	0	0	2	2	1	1	0	0	2	1	0	9
Accidental poisoning and exposure to noxious substances (X40-X49)	0	0	1	2	1	0	0	0	1	0	0	5
Other and unspecified nontransport accidents and their sequelae (W20-W31, W35-W64, W75-W99, X10-X39, X50-X59, Y86)	0	0	0	0	0	1	0	0	0	1	0	2
Intentional self-harm (suicide) (U03, X60-X84, Y87.0)	0	0	2	0	0	0	0	0	0	0	0	2
Intentional self-harm (suicide) by discharge of firearms (X72-X74)	0	0	0	0	0	0	0	0	0	0	0	0
Intentional self-harm (suicide) by other and unspecified means and their sequelae (U03, X60-X71, X75-X84, Y87.0)	0	0	2	0	0	0	0	0	0	0	0	2
Assault (homicide) (U01-U02, X85-Y09, Y87.1)	0	0	0	0	0	0	0	0	0	0	0	0
Assault (homicide) by discharge of firearms (U01.4, X93-X95)	0	0	0	0	0	0	0	0	0	0	0	0
Assault (homicide) by other and unspecified means and their sequelae (U01.0-U01.3, U01.5-U01.9, U02, X85-X92, X96-Y09, Y87.1)	0	0	0	0	0	0	0	0	0	0	0	0
Legal intervention (Y35, Y89.0)	0	0	0	0	0	0	0	0	0	0	0	0
Events of undetermined intent (Y10-Y34, Y87.2, Y89.9)	0	0	0	0	0	0	0	0	0	0	0	0
Discharge of firearms, undetermined intent (Y22-Y24)	0	0	0	0	0	0	0	0	0	0	0	0
Other and unspecified events of undetermined intent and their sequelae (Y10-Y21, Y25-Y34, Y87.2, Y89.9)	0	0	0	0	0	0	0	0	0	0	0	0
Operations of war and their sequelae (Y36, Y89.1)	0	0	0	0	0	0	0	0	0	0	0	0
Complications of medical and surgical care (Y40-Y84, Y88)	0	0	0	0	0	0	0	0	0	0	0	0



# Selected Causes of Death

Table A4I  
Selected Causes of Death by Age Group among Asian Non-Hispanic Females: Philadelphia, 2016

Cause of Death	< 5	5-14	15-24	25-34	35-44	45-54	55-64	65-74	75-84	85 +	Missing	Total
All causes	5		1	2	5	5	17	30	33	37		135
Salmonella infections (A01-A02)	0	0	0	0	0	0	0	0	0	0	0	0
Shigellosis and amebiasis (A03, A06)	0	0	0	0	0	0	0	0	0	0	0	0
Certain other intestinal infections (A04, A07-A09)	0	0	0	0	0	0	0	0	0	0	0	0
Tuberculosis (A16-A19)	0	0	0	0	0	0	0	0	0	0	0	0
Respiratory tuberculosis (A16)	0	0	0	0	0	0	0	0	0	0	0	0
Other tuberculosis (A17-A19)	0	0	0	0	0	0	0	0	0	0	0	0
Whooping cough (A37)	0	0	0	0	0	0	0	0	0	0	0	0
Scarlet fever and erysipelas (A38, A46)	0	0	0	0	0	0	0	0	0	0	0	0
Meningococcal infection (A39)	0	0	0	0	0	0	0	0	0	0	0	0
Septicemia (A40-A41)	0	0	0	0	0	0	1	0	0	1	0	2
Syphilis (A50-A53)	0	0	0	0	0	0	0	0	0	0	0	0
Acute poliomyelitis (A80)	0	0	0	0	0	0	0	0	0	0	0	0
Arthropod-borne viral encephalitis (A83-A84, A85.2)	0	0	0	0	0	0	0	0	0	0	0	0
Measles (B05)	0	0	0	0	0	0	0	0	0	0	0	0
Viral hepatitis (B15-B19)	0	0	0	0	0	0	0	0	0	0	0	0
Human immunodeficiency virus (HIV) disease (B20-B24)	0	0	0	0	0	0	0	0	0	0	0	0
Malaria (B50-B54)	0	0	0	0	0	0	0	0	0	0	0	0
Other and unspecified infectious and parasitic diseases and their sequelae (A00, A05, A20-A36, A42-A44, A48-A49, A54-A79, A81-A82, A85.0-A85.1, A85.8, A86-B04, B06-B09, B25-B49, B55-B99)	0	0	0	0	0	0	0	0	0	0	0	0
Malignant neoplasms (C00-C97)	0	0	0	0	3	4	9	14	12	3	0	45
Malignant neoplasms of lip, oral cavity and pharynx (C00-C14)	0	0	0	0	0	0	0	0	0	0	0	0
Malignant neoplasm of esophagus (C15)	0	0	0	0	0	0	0	0	0	0	0	0
Malignant neoplasm of stomach (C16)	0	0	0	0	0	0	0	1	1	0	0	2
Malignant neoplasms of colon, rectum and anus (C18-C21)	0	0	0	0	1	1	1	2	1	1	0	7
Malignant neoplasms of liver and intrahepatic bile ducts (C22)	0	0	0	0	0	0	3	1	4	0	0	8
Malignant neoplasm of pancreas (C25)	0	0	0	0	0	2	0	3	0	0	0	5
Malignant neoplasm of larynx (C32)	0	0	0	0	0	0	0	0	0	0	0	0

# Selected Causes of Death

Table A4I  
Selected Causes of Death by Age Group among Asian Non-Hispanic Females: Philadelphia, 2016

Cause of Death	< 5	5-14	15-24	25-34	35-44	45-54	55-64	65-74	75-84	85 +	Missing	Total
Malignant neoplasms (C00-C97) (continued)	0	0	0	0	3	4	9	14	12	3	0	45
Malignant neoplasms of trachea, bronchus and lung (C33-C34)	0	0	0	0	1	1	1	4	3	0	0	10
Malignant melanoma of skin (C43)	0	0	0	0	0	0	0	0	0	0	0	0
Malignant neoplasm of breast (C50)	0	0	0	0	0	0	0	0	0	0	0	0
Malignant neoplasm of cervix uteri (C53)	0	0	0	0	0	0	0	1	0	0	0	1
Malignant neoplasms of corpus uteri and uterus, part unspecified (C54-C55)	0	0	0	0	0	0	1	0	1	0	0	2
Malignant neoplasm of ovary (C56)	0	0	0	0	0	0	0	1	0	0	0	1
Malignant neoplasm of prostate (C61)	0	0	0	0	0	0	0	0	0	0	0	0
Malignant neoplasms of kidney and renal pelvis (C64-C65)	0	0	0	0	0	0	0	0	0	0	0	0
Malignant neoplasm of bladder (C67)	0	0	0	0	0	0	0	0	1	0	0	1
Malignant neoplasms of meninges, brain and other parts of central nervous system (C70-C72)	0	0	0	0	0	0	1	0	0	0	0	1
Malignant neoplasms of lymphoid, hematopoietic and related tissue (C81-C96)	0	0	0	0	0	0	1	1	0	1	0	3
Hodgkin's disease (C81)	0	0	0	0	0	0	0	0	0	0	0	0
Non-Hodgkin's lymphoma (C82-C85)	0	0	0	0	0	0	1	0	0	0	0	1
Leukemia (C91-C95)	0	0	0	0	0	0	0	1	0	1	0	2
Multiple myeloma and immunoproliferative neoplasms (C88, C90)	0	0	0	0	0	0	0	0	0	0	0	0
Other and unspecified malignant neoplasms of lymphoid, hematopoietic and related tissue (C96)	0	0	0	0	0	0	0	0	0	0	0	0
All other and unspecified malignant neoplasms (C17, C23-C24, C26-C31, C37-C41, C44-C49, C51-C52, C57-C60, C62-C63, C66, C68-C69, C73-C80, C97)	0	0	0	0	1	0	1	0	1	1	0	4
In situ neoplasms, benign neoplasms and neoplasms of uncertain or unknown behavior (D00-D48)	0	0	0	0	0	0	0	0	2	0	0	2
Anemias (D50-D64)	0	0	0	0	0	0	0	0	0	0	0	0
Diabetes mellitus (E10-E14)	0	0	0	0	0	0	0	1	0	1	0	2
Nutritional deficiencies (E40-E64)	0	0	0	0	0	0	0	0	0	0	0	0
Malnutrition (E40-E46)	0	0	0	0	0	0	0	0	0	0	0	0
Other nutritional deficiencies (E50-E64)	0	0	0	0	0	0	0	0	0	0	0	0
Meningitis (G00, G03)	0	0	0	0	0	0	0	0	0	0	0	0

# Selected Causes of Death

Table A4I  
Selected Causes of Death by Age Group among Asian Non-Hispanic Females: Philadelphia, 2016

Cause of Death	< 5	5-14	15-24	25-34	35-44	45-54	55-64	65-74	75-84	85 +	Missing	Total
Parkinson's disease (G20-G21)	0	0	0	0	0	0	0	0	0	1	0	1
Alzheimer's disease (G30)	0	0	0	0	0	0	0	0	0	2	0	2
Major cardiovascular diseases (I00-I78)	0	0	0	0	2	0	4	10	8	14	0	38
Diseases of heart (I00-I09, I11, I13, I20-I51)	0	0	0	0	1	0	3	6	5	11	0	26
Acute rheumatic fever and chronic rheumatic heart diseases (I00-I09)	0	0	0	0	0	0	0	0	0	0	0	0
Hypertensive heart disease (I11)	0	0	0	0	0	0	1	1	0	2	0	4
Hypertensive heart and renal disease (I13)	0	0	0	0	0	0	0	0	0	0	0	0
Ischemic heart diseases (I20-I25)	0	0	0	0	0	0	2	4	3	6	0	15
Acute myocardial infarction (I21-I22)	0	0	0	0	0	0	0	1	2	0	0	3
Other acute ischemic heart diseases (I24)	0	0	0	0	0	0	0	0	0	0	0	0
Other forms of chronic ischemic heart disease (I20, I25)	0	0	0	0	0	0	2	3	1	6	0	12
Atherosclerotic cardiovascular disease, so described (I25.0)	0	0	0	0	0	0	1	2	0	4	0	7
All other forms of chronic ischemic heart disease (I20, I25.1-I25.9)	0	0	0	0	0	0	1	1	1	2	0	5
Other heart diseases (I26-I51)	0	0	0	0	1	0	0	1	2	3	0	7
Acute and subacute endocarditis (I33)	0	0	0	0	0	0	0	0	0	0	0	0
Diseases of pericardium and acute myocarditis (I30-I31, I40)	0	0	0	0	0	0	0	0	0	0	0	0
Heart failure (I50)	0	0	0	0	0	0	0	0	1	2	0	3
All other forms of heart disease (I26-I28, I34-I38, I42-I49, I51)	0	0	0	0	1	0	0	1	1	1	0	4
Essential hypertension and hypertensive renal disease (I10, I12, I15)	0	0	0	0	0	0	0	0	0	0	0	0
Cerebrovascular diseases (I60-I69)	0	0	0	0	1	0	1	4	2	3	0	11
Atherosclerosis (I70)	0	0	0	0	0	0	0	0	0	0	0	0
Other diseases of circulatory system (I71-I78)	0	0	0	0	0	0	0	0	1	0	0	1
Aortic aneurysm and dissection (I71)	0	0	0	0	0	0	0	0	1	0	0	1
Other diseases of arteries, arterioles and capillaries (I72-I78)	0	0	0	0	0	0	0	0	0	0	0	0
Other disorders of circulatory system (I80-I99)	0	0	0	0	0	0	0	0	0	0	0	0

# Selected Causes of Death

Table A4I  
Selected Causes of Death by Age Group among Asian Non-Hispanic Females: Philadelphia, 2016

Cause of Death	< 5	5-14	15-24	25-34	35-44	45-54	55-64	65-74	75-84	85 +	Missing	Total
Influenza and pneumonia (J09-J18)	0	0	0	0	0	0	0	0	1	1	0	2
Influenza (J09-J11)	0	0	0	0	0	0	0	0	0	0	0	0
Pneumonia (J12-J18)	0	0	0	0	0	0	0	0	1	1	0	2
Other acute lower respiratory infections (J20-J22, U04)	0	0	0	0	0	0	0	0	0	0	0	0
Acute bronchitis and bronchiolitis (J20-J21)	0	0	0	0	0	0	0	0	0	0	0	0
Other and unspecified acute lower respiratory infections (J22, U04)	0	0	0	0	0	0	0	0	0	0	0	0
Chronic lower respiratory diseases (J40-J47)	0	0	0	0	0	0	0	1	2	0	0	3
Bronchitis, chronic and unspecified (J40-J42)	0	0	0	0	0	0	0	0	0	0	0	0
Emphysema (J43)	0	0	0	0	0	0	0	0	0	0	0	0
Asthma (J45-J46)	0	0	0	0	0	0	0	0	0	0	0	0
Other chronic lower respiratory diseases (J44, J47)	0	0	0	0	0	0	0	1	2	0	0	3
Pneumoconioses and chemical effects (J60-J66, J68)	0	0	0	0	0	0	0	0	0	0	0	0
Pneumonitis due to solids and liquids (J69)	0	0	0	0	0	0	0	0	0	0	0	0
Other diseases of respiratory system (J00-J06, J30-J39, J67, J70-J98)	0	0	0	0	0	0	0	1	0	1	0	2
Peptic ulcer (K25-K28)	0	0	0	0	0	0	0	0	0	0	0	0
Diseases of appendix (K35-K38)	0	0	0	0	0	0	0	1	0	0	0	1
Hernia (K40-K46)	0	0	0	0	0	0	0	0	0	0	0	0
Chronic liver disease and cirrhosis (K70, K73-K74)	0	0	0	0	0	0	0	0	0	0	0	0
Alcoholic liver disease (K70)	0	0	0	0	0	0	0	0	0	0	0	0
Other chronic liver disease and cirrhosis (K73-K74)	0	0	0	0	0	0	0	0	0	0	0	0
Cholelithiasis and other disorders of gallbladder (K80-K82)	0	0	0	0	0	0	0	0	0	0	0	0
Nephritis, nephrotic syndrome and nephrosis (N00-N07, N17-N19, N25-N27)	0	0	0	0	0	0	0	0	3	1	0	4
Acute and rapidly progressive nephritic and nephrotic syndrome (N00-N01, N04)	0	0	0	0	0	0	0	0	0	0	0	0
Chronic glomerulonephritis, nephritis and nephropathy not specified as acute or chronic, and renal sclerosis unspecified (N02-N03, N05-N07, N26)	0	0	0	0	0	0	0	0	0	0	0	0
Renal failure (N17-N19)	0	0	0	0	0	0	0	0	3	1	0	4
Other disorders of kidney (N25, N27)	0	0	0	0	0	0	0	0	0	0	0	0
Infections of kidney (N10-N12, N13.6, N15.1)	0	0	0	0	0	0	0	0	0	0	0	0

# Selected Causes of Death

Table A4I  
Selected Causes of Death by Age Group among Asian Non-Hispanic Females: Philadelphia, 2016

Cause of Death	< 5	5-14	15-24	25-34	35-44	45-54	55-64	65-74	75-84	85 +	Missing	Total
Hyperplasia of prostate (N40)	0	0	0	0	0	0	0	0	0	0	0	0
Inflammatory diseases of female pelvic organs (N70-N76)	0	0	0	0	0	0	0	0	0	0	0	0
Pregnancy, childbirth and the puerperium (O00-O99)	0	0	0	0	0	0	0	0	0	0	0	0
Pregnancy with abortive outcome (O00-O07)	0	0	0	0	0	0	0	0	0	0	0	0
Other complications of pregnancy, childbirth and the puerperium (O10-O99)	0	0	0	0	0	0	0	0	0	0	0	0
Certain conditions originating in the perinatal period (P00-P96)	3	0	0	0	0	0	0	0	0	0	0	3
Congenital malformations, deformations and chromosomal abnormalities (Q00-Q99)	1	0	0	0	0	0	0	0	0	0	0	1
Symptoms, signs and abnormal clinical and laboratory findings, not elsewhere classified (R00-R99)	0	0	0	0	0	0	0	0	0	2	0	2
All other diseases (Residual) (D65-E07, E15-E34, E65-F99, G04-G14, G23-G25, G31-H93, K00-K22, K29-K31, K50-K66, K71-K72, K75-K76, K83-M99, N13.0-N13.5, N13.7-N13.9, N14, N15.0, N15.8-N15.9, N20-N23, N28-N39, N41-N64, N80-N98)	1	0	0	0	0	0	0	1	4	9	0	15
Accidents (unintentional injuries) (V01-X59, Y85-Y86)	0	0	0	1	0	0	1	1	1	1	0	5
Transport accidents (V01-V99, Y85)	0	0	0	1	0	0	0	0	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	0	0	1	0	0	0	0	0	0	0	1
Other land 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)	0	0	0	0	0	0	0	0	0	0	0	0
Water, air and space, and other and unspecified transport accidents and their sequelae (V90-V99, Y85)	0	0	0	0	0	0	0	0	0	0	0	0
Nontransport accidents (W00-X59, Y86)	0	0	0	0	0	0	1	1	1	1	0	4
Falls (W00-W19)	0	0	0	0	0	0	1	1	0	1	0	3
Accidental discharge of firearms (W32-W34)	0	0	0	0	0	0	0	0	0	0	0	0
Accidental drowning and submersion (W65-W74)	0	0	0	0	0	0	0	0	0	0	0	0
Accidental exposure to smoke, fire and flames (X00-X09)	0	0	0	0	0	0	0	0	0	0	0	0

# Selected Causes of Death

Table A4I  
Selected Causes of Death by Age Group among Asian Non-Hispanic Females: Philadelphia, 2016

Cause of Death	< 5	5-14	15-24	25-34	35-44	45-54	55-64	65-74	75-84	85 +	Missing	Total
Accidents (unintentional injuries) (V01-X59, Y85-Y86)												
(continued)	0	0	0	1	0	0	1	1	1	1	0	5
Nontransport accidents (W00-X59, Y86) (continued)	0	0	0	0	0	0	1	1	1	1	0	4
Accidental poisoning and exposure to noxious substances (X40-X49)	0	0	0	0	0	0	0	0	1	0	0	1
Other and unspecified nontransport accidents and their sequelae (W20-W31, W35-W64, W75-W99, X10-X39, X50-X59, Y86)	0	0	0	0	0	0	0	0	0	0	0	0
Intentional self-harm (suicide) (U03, X60-X84, Y87.0)	0	0	1	1	0	0	1	0	0	0	0	3
Intentional self-harm (suicide) by discharge of firearms (X72-X74)	0	0	0	0	0	0	0	0	0	0	0	0
Intentional self-harm (suicide) by other and unspecified means and their sequelae (U03, X60-X71, X75-X84, Y87.0)	0	0	1	1	0	0	1	0	0	0	0	3
Assault (homicide) (U01-U02, X85-Y09, Y87.1)	0	0	0	0	0	1	0	0	0	0	0	1
Assault (homicide) by discharge of firearms (U01.4, X93-X95)	0	0	0	0	0	0	0	0	0	0	0	0
Assault (homicide) by other and unspecified means and their sequelae (U01.0-U01.3, U01.5-U01.9, U02, X85-X92, X96-Y09, Y87.1)	0	0	0	0	0	1	0	0	0	0	0	1
Legal intervention (Y35, Y89.0)	0	0	0	0	0	0	0	0	0	0	0	0
Events of undetermined intent (Y10-Y34, Y87.2, Y89.9)	0	0	0	0	0	0	1	0	0	0	0	1
Discharge of firearms, undetermined intent (Y22-Y24)	0	0	0	0	0	0	0	0	0	0	0	0
Other and unspecified events of undetermined intent and their sequelae (Y10-Y21, Y25-Y34, Y87.2, Y89.9)	0	0	0	0	0	0	1	0	0	0	0	1
Operations of war and their sequelae (Y36, Y89.1)	0	0	0	0	0	0	0	0	0	0	0	0
Complications of medical and surgical care (Y40-Y84, Y88)	0	0	0	0	0	0	0	0	0	0	0	0

# Selected Causes of Death

Table A4J  
Selected Causes of Death by Age Group among Hispanic Males: Philadelphia, 2016

Cause of Death	< 5	5-14	15-24	25-34	35-44	45-54	55-64	65-74	75-84	85 +	Missing	Total
All causes	20	1	25	46	52	89	80	90	76	39		518
Salmonella infections (A01-A02)	0	0	0	0	0	0	0	0	0	0	0	0
Shigellosis and amebiasis (A03, A06)	0	0	0	0	0	0	0	0	0	0	0	0
Certain other intestinal infections (A04, A07-A09)	2	0	0	0	0	0	0	0	0	0	0	2
Tuberculosis (A16-A19)	0	0	0	0	0	0	0	0	0	0	0	0
Respiratory tuberculosis (A16)	0	0	0	0	0	0	0	0	0	0	0	0
Other tuberculosis (A17-A19)	0	0	0	0	0	0	0	0	0	0	0	0
Whooping cough (A37)	0	0	0	0	0	0	0	0	0	0	0	0
Scarlet fever and erysipelas (A38, A46)	0	0	0	0	0	0	0	0	0	0	0	0
Meningococcal infection (A39)	0	0	0	0	0	0	0	0	0	0	0	0
Septicemia (A40-A41)	0	0	0	0	0	4	3	2	2	0	0	11
Syphilis (A50-A53)	0	0	0	0	0	0	0	0	0	0	0	0
Acute poliomyelitis (A80)	0	0	0	0	0	0	0	0	0	0	0	0
Arthropod-borne viral encephalitis (A83-A84, A85.2)	0	0	0	0	0	0	0	0	0	0	0	0
Measles (B05)	0	0	0	0	0	0	0	0	0	0	0	0
Viral hepatitis (B15-B19)	0	0	0	0	0	1	2	0	1	0	0	4
Human immunodeficiency virus (HIV) disease (B20-B24)	0	0	0	0	0	2	3	3	1	0	0	9
Malaria (B50-B54)	0	0	0	0	0	0	0	0	0	0	0	0
Other and unspecified infectious and parasitic diseases and their sequelae (A00, A05, A20-A36, A42-A44, A48-A49, A54-A79, A81-A82, A85.0-A85.1, A85.8, A86-B04, B06-B09, B25-B49, B55-B99)	0	0	0	0	0	0	0	0	0	0	0	0
Malignant neoplasms (C00-C97)	0	0	1	0	7	14	19	21	14	1	0	77
Malignant neoplasms of lip, oral cavity and pharynx (C00-C14)	0	0	0	0	0	1	1	1	0	0	0	3
Malignant neoplasm of esophagus (C15)	0	0	0	0	0	0	1	0	0	0	0	1
Malignant neoplasm of stomach (C16)	0	0	0	0	0	1	2	0	1	0	0	4
Malignant neoplasms of colon, rectum and anus (C18-C21)	0	0	0	0	0	3	3	3	1	0	0	10
Malignant neoplasms of liver and intrahepatic bile ducts (C22)	0	0	0	0	1	3	2	1	2	0	0	9
Malignant neoplasm of pancreas (C25)	0	0	0	0	0	0	2	3	0	0	0	5
Malignant neoplasm of larynx (C32)	0	0	0	0	0	1	0	0	0	0	0	1

# Selected Causes of Death

Table A4J  
Selected Causes of Death by Age Group among Hispanic Males: Philadelphia, 2016

Cause of Death	< 5	5-14	15-24	25-34	35-44	45-54	55-64	65-74	75-84	85 +	Missing	Total
Malignant neoplasms (C00-C97) (continued)	0	0	1	0	7	14	19	21	14	1	0	77
Malignant neoplasms of trachea, bronchus and lung (C33-C34)	0	0	0	0	2	2	3	5	4	0	0	16
Malignant melanoma of skin (C43)	0	0	0	0	0	0	0	0	0	0	0	0
Malignant neoplasm of breast (C50)	0	0	0	0	0	0	0	0	0	0	0	0
Malignant neoplasm of cervix uteri (C53)	0	0	0	0	0	0	0	0	0	0	0	0
Malignant neoplasms of corpus uteri and uterus, part unspecified (C54-C55)	0	0	0	0	0	0	0	0	0	0	0	0
Malignant neoplasm of ovary (C56)	0	0	0	0	0	0	0	0	0	0	0	0
Malignant neoplasm of prostate (C61)	0	0	0	0	0	0	1	3	2	1	0	7
Malignant neoplasms of kidney and renal pelvis (C64-C65)	0	0	0	0	0	1	0	0	0	0	0	1
Malignant neoplasm of bladder (C67)	0	0	0	0	0	0	0	1	0	0	0	1
Malignant neoplasms of meninges, brain and other parts of central nervous system (C70-C72)	0	0	0	0	1	1	0	0	0	0	0	2
Malignant neoplasms of lymphoid, hematopoietic and related tissue (C81-C96)	0	0	1	0	2	1	2	1	2	0	0	9
Hodgkin's disease (C81)	0	0	1	0	0	0	1	0	0	0	0	2
Non-Hodgkin's lymphoma (C82-C85)	0	0	0	0	1	1	0	0	1	0	0	3
Leukemia (C91-C95)	0	0	0	0	1	0	1	0	1	0	0	3
Multiple myeloma and immunoproliferative neoplasms (C88, C90)	0	0	0	0	0	0	0	1	0	0	0	1
Other and unspecified malignant neoplasms of lymphoid, hematopoietic and related tissue (C96)	0	0	0	0	0	0	0	0	0	0	0	0
All other and unspecified malignant neoplasms (C17, C23-C24, C26-C31, C37-C41, C44-C49, C51-C52, C57-C60, C62-C63, C66, C68-C69, C73-C80, C97)	0	0	0	0	1	0	2	3	2	0	0	8
In situ neoplasms, benign neoplasms and neoplasms of uncertain or unknown behavior (D00-D48)	0	0	0	0	0	1	0	0	0	0	0	1
Anemias (D50-D64)	0	0	0	0	0	1	0	0	0	0	0	1
Diabetes mellitus (E10-E14)	0	0	0	0	0	2	3	7	3	0	0	15
Nutritional deficiencies (E40-E64)	0	0	0	0	0	0	0	0	0	0	0	0
Malnutrition (E40-E46)	0	0	0	0	0	0	0	0	0	0	0	0
Other nutritional deficiencies (E50-E64)	0	0	0	0	0	0	0	0	0	0	0	0
Meningitis (G00, G03)	0	0	0	0	0	0	0	0	0	0	0	0



# Selected Causes of Death

Table A4J  
Selected Causes of Death by Age Group among Hispanic Males: Philadelphia, 2016

Cause of Death	< 5	5-14	15-24	25-34	35-44	45-54	55-64	65-74	75-84	85 +	Missing	Total
Parkinson's disease (G20-G21)	0	0	0	0	0	0	0	0	3	0	0	3
Alzheimer's disease (G30)	0	0	0	0	0	0	0	1	1	2	0	4
Major cardiovascular diseases (I00-I78)	0	0	0	0	3	21	23	26	24	19	0	116
Diseases of heart (I00-I09, I11, I13, I20-I51)	0	0	0	0	3	19	20	24	17	14	0	97
Acute rheumatic fever and chronic rheumatic heart diseases (I00-I09)	0	0	0	0	0	0	0	0	0	0	0	0
Hypertensive heart disease (I11)	0	0	0	0	1	4	3	4	1	2	0	15
Hypertensive heart and renal disease (I13)	0	0	0	0	0	0	0	0	0	0	0	0
Ischemic heart diseases (I20-I25)	0	0	0	0	2	9	14	14	10	8	0	57
Acute myocardial infarction (I21-I22)	0	0	0	0	1	3	5	4	2	2	0	17
Other acute ischemic heart diseases (I24)	0	0	0	0	0	0	0	0	0	0	0	0
Other forms of chronic ischemic heart disease (I20, I25)	0	0	0	0	1	6	9	10	8	6	0	40
Atherosclerotic cardiovascular disease, so described (I25.0)	0	0	0	0	0	4	5	1	1	3	0	14
All other forms of chronic ischemic heart disease (I20, I25.1-I25.9)	0	0	0	0	1	2	4	9	7	3	0	26
Other heart diseases (I26-I51)	0	0	0	0	0	6	3	6	6	4	0	25
Acute and subacute endocarditis (I33)	0	0	0	0	0	0	0	0	0	0	0	0
Diseases of pericardium and acute myocarditis (I30-I31, I40)	0	0	0	0	0	1	0	0	0	0	0	1
Heart failure (I50)	0	0	0	0	0	1	1	4	3	2	0	11
All other forms of heart disease (I26-I28, I34-I38, I42-I49, I51)	0	0	0	0	0	4	2	2	3	2	0	13
Essential hypertension and hypertensive renal disease (I10, I12, I15)	0	0	0	0	0	0	0	0	1	1	0	2
Cerebrovascular diseases (I60-I69)	0	0	0	0	0	1	3	1	6	4	0	15
Atherosclerosis (I70)	0	0	0	0	0	0	0	0	0	0	0	0
Other diseases of circulatory system (I71-I78)	0	0	0	0	0	1	0	1	0	0	0	2
Aortic aneurysm and dissection (I71)	0	0	0	0	0	1	0	0	0	0	0	1
Other diseases of arteries, arterioles and capillaries (I72-I78)	0	0	0	0	0	0	0	1	0	0	0	1
Other disorders of circulatory system (I80-I99)	0	0	0	0	0	0	0	0	1	1	0	2

# Selected Causes of Death

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Selected Causes of Death by Age Group among Hispanic Males: Philadelphia, 2016

Cause of Death	< 5	5-14	15-24	25-34	35-44	45-54	55-64	65-74	75-84	85 +	Missing	Total
Influenza and pneumonia (J09-J18)	0	0	0	0	0	2	0	0	4	2	0	8
Influenza (J09-J11)	0	0	0	0	0	0	0	0	0	1	0	1
Pneumonia (J12-J18)	0	0	0	0	0	2	0	0	4	1	0	7
Other acute lower respiratory infections (J20-J22, U04)	0	0	0	0	0	0	0	0	0	0	0	0
Acute bronchitis and bronchiolitis (J20-J21)	0	0	0	0	0	0	0	0	0	0	0	0
Other and unspecified acute lower respiratory infections (J22, U04)	0	0	0	0	0	0	0	0	0	0	0	0
Chronic lower respiratory diseases (J40-J47)	0	0	0	0	0	0	1	4	0	2	0	7
Bronchitis, chronic and unspecified (J40-J42)	0	0	0	0	0	0	0	0	0	0	0	0
Emphysema (J43)	0	0	0	0	0	0	0	1	0	0	0	1
Asthma (J45-J46)	0	0	0	0	0	0	0	0	0	0	0	0
Other chronic lower respiratory diseases (J44, J47)	0	0	0	0	0	0	1	3	0	2	0	6
Pneumoconioses and chemical effects (J60-J66, J68)	0	0	0	0	0	0	0	0	0	0	0	0
Pneumonitis due to solids and liquids (J69)	0	0	0	0	0	0	1	0	1	1	0	3
Other diseases of respiratory system (J00-J06, J30-J39, J67, J70-J98)	0	0	0	1	0	0	0	2	3	0	0	6
Peptic ulcer (K25-K28)	0	0	0	0	0	0	1	0	0	0	0	1
Diseases of appendix (K35-K38)	0	0	0	0	0	0	0	0	0	1	0	1
Hernia (K40-K46)	0	0	0	0	0	0	0	0	0	0	0	0
Chronic liver disease and cirrhosis (K70, K73-K74)	0	0	0	0	2	0	5	2	0	0	0	9
Alcoholic liver disease (K70)	0	0	0	0	2	0	2	0	0	0	0	4
Other chronic liver disease and cirrhosis (K73-K74)	0	0	0	0	0	0	3	2	0	0	0	5
Cholelithiasis and other disorders of gallbladder (K80-K82)	0	0	0	0	0	0	0	0	1	0	0	1
Nephritis, nephrotic syndrome and nephrosis (N00-N07, N17-N19, N25-N27)	0	0	0	0	0	1	2	4	2	0	0	9
Acute and rapidly progressive nephritic and nephrotic syndrome (N00-N01, N04)	0	0	0	0	0	0	0	0	0	0	0	0
Chronic glomerulonephritis, nephritis and nephropathy not specified as acute or chronic, and renal sclerosis unspecified (N02-N03, N05-N07, N26)	0	0	0	0	0	0	0	0	0	0	0	0
Renal failure (N17-N19)	0	0	0	0	0	1	2	4	2	0	0	9
Other disorders of kidney (N25, N27)	0	0	0	0	0	0	0	0	0	0	0	0
Infections of kidney (N10-N12, N13.6, N15.1)	0	0	0	0	0	0	0	0	0	0	0	0

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Cause of Death	< 5	5-14	15-24	25-34	35-44	45-54	55-64	65-74	75-84	85 +	Missing	Total
Hyperplasia of prostate (N40)	0	0	0	0	0	0	0	0	0	0	0	0
Inflammatory diseases of female pelvic organs (N70-N76)	0	0	0	0	0	0	0	0	0	0	0	0
Pregnancy, childbirth and the puerperium (O00-O99)	0	0	0	0	0	0	0	0	0	0	0	0
Pregnancy with abortive outcome (O00-O07)	0	0	0	0	0	0	0	0	0	0	0	0
Other complications of pregnancy, childbirth and the puerperium (O10-O99)	0	0	0	0	0	0	0	0	0	0	0	0
Certain conditions originating in the perinatal period (P00-P96)	9	0	0	0	0	0	0	0	0	0	0	9
Congenital malformations, deformations and chromosomal abnormalities (Q00-Q99)	6	1	0	0	0	0	0	0	0	0	0	7
Symptoms, signs and abnormal clinical and laboratory findings, not elsewhere classified (R00-R99)	1	0	1	3	5	3	4	2	2	2	0	23
All other diseases (Residual) (D65-E07, E15-E34, E65-F99, G04-G14, G23-G25, G31-H93, K00-K22, K29-K31, K50-K66, K71-K72, K75-K76, K83-M99, N13.0-N13.5, N13.7-N13.9, N14, N15.0, N15.8-N15.9, N20-N23, N28-N39, N41-N64, N80-N98)	0	0	0	1	5	5	6	13	10	6	0	46
Accidents (unintentional injuries) (V01-X59, Y85-Y86)	1	0	10	27	25	26	6	3	2	2	0	102
Transport accidents (V01-V99, Y85)	0	0	6	5	4	1	2	1	0	0	0	19
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	0	6	5	3	1	2	1	0	0	0	18
Other land 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)	0	0	0	0	1	0	0	0	0	0	0	1
Water, air and space, and other and unspecified transport accidents and their sequelae (V90-V99, Y85)	0	0	0	0	0	0	0	0	0	0	0	0
Nontransport accidents (W00-X59, Y86)	1	0	4	22	21	25	4	2	2	2	0	83
Falls (W00-W19)	0	0	0	0	1	3	1	2	2	1	0	10
Accidental discharge of firearms (W32-W34)	0	0	0	0	0	1	0	0	0	0	0	1
Accidental drowning and submersion (W65-W74)	0	0	0	0	1	0	0	0	0	0	0	1
Accidental exposure to smoke, fire and flames (X00-X09)	1	0	0	0	0	0	0	0	0	0	0	1

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Cause of Death	< 5	5-14	15-24	25-34	35-44	45-54	55-64	65-74	75-84	85 +	Missing	Total
Accidents (unintentional injuries) (V01-X59, Y85-Y86)												
(continued)	1	0	10	27	25	26	6	3	2	2	0	102
Nontransport accidents (W00-X59, Y86) (continued)	1	0	4	22	21	25	4	2	2	2	0	83
Accidental poisoning and exposure to noxious substances (X40-X49)	0	0	4	22	18	20	3	0	0	0	0	67
Other and unspecified nontransport accidents and their sequelae (W20-W31, W35-W64, W75-W99, X10-X39, X50-X59, Y86)	0	0	0	0	1	1	0	0	0	1	0	3
Intentional self-harm (suicide) (U03, X60-X84, Y87.0)	0	0	0	1	2	3	1	0	1	0	0	8
Intentional self-harm (suicide) by discharge of firearms (X72-X74)	0	0	0	1	0	1	1	0	0	0	0	3
Intentional self-harm (suicide) by other and unspecified means and their sequelae (U03, X60-X71, X75-X84, Y87.0)	0	0	0	0	2	2	0	0	1	0	0	5
Assault (homicide) (U01-U02, X85-Y09, Y87.1)	1	0	13	13	3	2	0	0	0	0	0	32
Assault (homicide) by discharge of firearms (U01.4, X93-X95)	0	0	10	12	3	2	0	0	0	0	0	27
Assault (homicide) by other and unspecified means and their sequelae (U01.0-U01.3, U01.5-U01.9, U02, X85-X92, X96-Y09, Y87.1)	1	0	3	1	0	0	0	0	0	0	0	5
Legal intervention (Y35, Y89.0)	0	0	0	0	0	0	0	0	0	0	0	0
Events of undetermined intent (Y10-Y34, Y87.2, Y89.9)	0	0	0	0	0	0	0	0	0	0	0	0
Discharge of firearms, undetermined intent (Y22-Y24)	0	0	0	0	0	0	0	0	0	0	0	0
Other and unspecified events of undetermined intent and their sequelae (Y10-Y21, Y25-Y34, Y87.2, Y89.9)	0	0	0	0	0	0	0	0	0	0	0	0
Operations of war and their sequelae (Y36, Y89.1)	0	0	0	0	0	0	0	0	0	0	0	0
Complications of medical and surgical care (Y40-Y84, Y88)	0	0	0	0	0	1	0	0	0	0	0	1

# Selected Causes of Death

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Selected Causes of Death by Age Group among Hispanic Females: Philadelphia, 2016

Cause of Death	< 5	5-14	15-24	25-34	35-44	45-54	55-64	65-74	75-84	85 +	Missing	Total
All causes	15	2	6	10	25	41	50	50	66	61		326
Salmonella infections (A01-A02)	0	0	0	0	0	0	0	0	0	0	0	0
Shigellosis and amebiasis (A03, A06)	0	0	0	0	0	0	0	0	0	0	0	0
Certain other intestinal infections (A04, A07-A09)	0	0	0	0	0	0	0	0	1	0	0	1
Tuberculosis (A16-A19)	0	0	0	0	0	0	0	0	0	0	0	0
Respiratory tuberculosis (A16)	0	0	0	0	0	0	0	0	0	0	0	0
Other tuberculosis (A17-A19)	0	0	0	0	0	0	0	0	0	0	0	0
Whooping cough (A37)	0	0	0	0	0	0	0	0	0	0	0	0
Scarlet fever and erysipelas (A38, A46)	0	0	0	0	0	0	0	0	0	0	0	0
Meningococcal infection (A39)	0	0	0	0	0	0	0	0	0	0	0	0
Septicemia (A40-A41)	0	0	1	0	1	3	2	1	2	1	0	11
Syphilis (A50-A53)	0	0	0	0	0	0	0	0	0	0	0	0
Acute poliomyelitis (A80)	0	0	0	0	0	0	0	0	0	0	0	0
Arthropod-borne viral encephalitis (A83-A84, A85.2)	0	0	0	0	0	0	0	0	0	0	0	0
Measles (B05)	0	0	0	0	0	0	0	0	0	0	0	0
Viral hepatitis (B15-B19)	0	0	0	0	0	0	0	1	0	0	0	1
Human immunodeficiency virus (HIV) disease (B20-B24)	0	0	0	0	2	1	2	0	0	0	0	5
Malaria (B50-B54)	0	0	0	0	0	0	0	0	0	0	0	0
Other and unspecified infectious and parasitic diseases and their sequelae (A00, A05, A20-A36, A42-A44, A48-A49, A54-A79, A81-A82, A85.0-A85.1, A85.8, A86-B04, B06-B09, B25-B49, B55-B99)	0	0	0	0	0	0	1	0	0	0	0	1
Malignant neoplasms (C00-C97)	0	2	1	1	5	12	13	18	12	5	0	69
Malignant neoplasms of lip, oral cavity and pharynx (C00-C14)	0	0	0	0	0	0	0	0	0	0	0	0
Malignant neoplasm of esophagus (C15)	0	0	0	0	0	0	0	0	1	0	0	1
Malignant neoplasm of stomach (C16)	0	0	0	0	0	0	0	1	0	0	0	1
Malignant neoplasms of colon, rectum and anus (C18-C21)	0	0	0	0	1	1	2	6	2	1	0	13
Malignant neoplasms of liver and intrahepatic bile ducts (C22)	0	0	0	0	0	0	0	0	1	0	0	1
Malignant neoplasm of pancreas (C25)	0	0	0	0	0	0	0	0	1	0	0	1
Malignant neoplasm of larynx (C32)	0	0	0	0	0	0	0	0	0	0	0	0

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Cause of Death	< 5	5-14	15-24	25-34	35-44	45-54	55-64	65-74	75-84	85 +	Missing	Total
Malignant neoplasms (C00-C97) (continued)	0	2	1	1	5	12	13	18	12	5	0	69
Malignant neoplasms of trachea, bronchus and lung (C33-C34)	0	0	0	0	0	0	4	2	2	0	0	8
Malignant melanoma of skin (C43)	0	0	0	0	0	0	0	0	0	0	0	0
Malignant neoplasm of breast (C50)	0	0	0	1	1	3	2	2	0	0	0	9
Malignant neoplasm of cervix uteri (C53)	0	0	0	0	1	3	2	3	1	0	0	10
Malignant neoplasms of corpus uteri and uterus, part unspecified (C54-C55)	0	0	0	0	1	1	0	0	0	2	0	4
Malignant neoplasm of ovary (C56)	0	0	0	0	0	1	0	1	2	1	0	5
Malignant neoplasm of prostate (C61)	0	0	0	0	0	0	0	0	0	0	0	0
Malignant neoplasms of kidney and renal pelvis (C64-C65)	0	0	0	0	0	0	1	0	0	0	0	1
Malignant neoplasm of bladder (C67)	0	0	0	0	0	0	0	0	0	0	0	0
Malignant neoplasms of meninges, brain and other parts of central nervous system (C70-C72)	0	1	0	0	1	0	1	0	0	0	0	3
Malignant neoplasms of lymphoid, hematopoietic and related tissue (C81-C96)	0	0	1	0	0	1	0	0	1	0	0	3
Hodgkin's disease (C81)	0	0	0	0	0	0	0	0	1	0	0	1
Non-Hodgkin's lymphoma (C82-C85)	0	0	0	0	0	0	0	0	0	0	0	0
Leukemia (C91-C95)	0	0	1	0	0	1	0	0	0	0	0	2
Multiple myeloma and immunoproliferative neoplasms (C88, C90)	0	0	0	0	0	0	0	0	0	0	0	0
Other and unspecified malignant neoplasms of lymphoid, hematopoietic and related tissue (C96)	0	0	0	0	0	0	0	0	0	0	0	0
All other and unspecified malignant neoplasms (C17, C23-C24, C26-C31, C37-C41, C44-C49, C51-C52, C57-C60, C62-C63, C66, C68-C69, C73-C80, C97)	0	1	0	0	0	2	1	3	1	1	0	9
In situ neoplasms, benign neoplasms and neoplasms of uncertain or unknown behavior (D00-D48)	0	0	0	0	0	0	1	0	0	1	0	2
Anemias (D50-D64)	0	0	0	0	0	0	0	0	0	0	0	0
Diabetes mellitus (E10-E14)	0	0	0	0	0	1	4	1	3	3	0	12
Nutritional deficiencies (E40-E64)	0	0	0	0	0	0	0	0	0	0	0	0
Malnutrition (E40-E46)	0	0	0	0	0	0	0	0	0	0	0	0
Other nutritional deficiencies (E50-E64)	0	0	0	0	0	0	0	0	0	0	0	0
Meningitis (G00, G03)	0	0	0	0	0	0	0	0	0	0	0	0

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Cause of Death	< 5	5-14	15-24	25-34	35-44	45-54	55-64	65-74	75-84	85 +	Missing	Total
Parkinson's disease (G20-G21)	0	0	0	0	0	0	0	0	0	0	0	0
Alzheimer's disease (G30)	0	0	0	0	0	0	0	2	0	7	0	9
Major cardiovascular diseases (I00-I78)	0	0	1	2	3	7	8	10	21	17	0	69
Diseases of heart (I00-I09, I11, I13, I20-I51)	0	0	1	1	2	7	5	9	17	12	0	54
Acute rheumatic fever and chronic rheumatic heart diseases (I00-I09)	0	0	0	0	0	0	0	0	0	0	0	0
Hypertensive heart disease (I11)	0	0	0	0	0	2	1	4	2	0	0	9
Hypertensive heart and renal disease (I13)	0	0	0	0	0	0	0	0	0	0	0	0
Ischemic heart diseases (I20-I25)	0	0	0	0	2	3	3	2	12	7	0	29
Acute myocardial infarction (I21-I22)	0	0	0	0	1	2	1	0	2	1	0	7
Other acute ischemic heart diseases (I24)	0	0	0	0	0	0	0	0	1	0	0	1
Other forms of chronic ischemic heart disease (I20, I25)	0	0	0	0	1	1	2	2	9	6	0	21
Atherosclerotic cardiovascular disease, so described (I25.0)	0	0	0	0	1	0	1	1	3	1	0	7
All other forms of chronic ischemic heart disease (I20, I25.1-I25.9)	0	0	0	0	0	1	1	1	6	5	0	14
Other heart diseases (I26-I51)	0	0	1	1	0	2	1	3	3	5	0	16
Acute and subacute endocarditis (I33)	0	0	0	0	0	0	0	0	0	0	0	0
Diseases of pericardium and acute myocarditis (I30-I31, I40)	0	0	0	0	0	0	0	0	0	0	0	0
Heart failure (I50)	0	0	0	1	0	0	0	2	2	4	0	9
All other forms of heart disease (I26-I28, I34-I38, I42-I49, I51)	0	0	1	0	0	2	1	1	1	1	0	7
Essential hypertension and hypertensive renal disease (I10, I12, I15)	0	0	0	0	0	0	0	0	0	0	0	0
Cerebrovascular diseases (I60-I69)	0	0	0	1	1	0	3	0	3	5	0	13
Atherosclerosis (I70)	0	0	0	0	0	0	0	0	0	0	0	0
Other diseases of circulatory system (I71-I78)	0	0	0	0	0	0	0	1	1	0	0	2
Aortic aneurysm and dissection (I71)	0	0	0	0	0	0	0	0	1	0	0	1
Other diseases of arteries, arterioles and capillaries (I72-I78)	0	0	0	0	0	0	0	1	0	0	0	1
Other disorders of circulatory system (I80-I99)	0	0	0	0	0	0	0	0	0	0	0	0

# Selected Causes of Death

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Cause of Death	< 5	5-14	15-24	25-34	35-44	45-54	55-64	65-74	75-84	85 +	Missing	Total
Influenza and pneumonia (J09-J18)	0	0	0	0	0	2	0	1	1	1	0	5
Influenza (J09-J11)	0	0	0	0	0	0	0	0	0	0	0	0
Pneumonia (J12-J18)	0	0	0	0	0	2	0	1	1	1	0	5
Other acute lower respiratory infections (J20-J22, U04)	0	0	0	0	0	0	0	0	0	0	0	0
Acute bronchitis and bronchiolitis (J20-J21)	0	0	0	0	0	0	0	0	0	0	0	0
Other and unspecified acute lower respiratory infections (J22, U04)	0	0	0	0	0	0	0	0	0	0	0	0
Chronic lower respiratory diseases (J40-J47)	0	0	0	0	0	1	0	1	1	1	0	4
Bronchitis, chronic and unspecified (J40-J42)	0	0	0	0	0	0	0	0	0	0	0	0
Emphysema (J43)	0	0	0	0	0	0	0	0	0	0	0	0
Asthma (J45-J46)	0	0	0	0	0	0	0	1	0	0	0	1
Other chronic lower respiratory diseases (J44, J47)	0	0	0	0	0	1	0	0	1	1	0	3
Pneumoconioses and chemical effects (J60-J66, J68)	0	0	0	0	0	0	0	0	0	0	0	0
Pneumonitis due to solids and liquids (J69)	0	0	0	0	0	0	0	2	2	1	0	5
Other diseases of respiratory system (J00-J06, J30-J39, J67, J70-J98)	0	0	0	0	0	2	1	0	3	2	0	8
Peptic ulcer (K25-K28)	0	0	0	0	0	0	0	0	0	0	0	0
Diseases of appendix (K35-K38)	0	0	0	0	0	0	0	0	0	0	0	0
Hernia (K40-K46)	0	0	0	0	0	0	0	0	0	0	0	0
Chronic liver disease and cirrhosis (K70, K73-K74)	0	0	0	0	0	2	1	0	2	0	0	5
Alcoholic liver disease (K70)	0	0	0	0	0	2	0	0	0	0	0	2
Other chronic liver disease and cirrhosis (K73-K74)	0	0	0	0	0	0	1	0	2	0	0	3
Cholelithiasis and other disorders of gallbladder (K80-K82)	0	0	0	0	0	0	0	0	0	1	0	1
Nephritis, nephrotic syndrome and nephrosis (N00-N07, N17-N19, N25-N27)	0	0	0	0	1	1	5	2	5	1	0	15
Acute and rapidly progressive nephritic and nephrotic syndrome (N00-N01, N04)	0	0	0	0	0	0	0	0	0	0	0	0
Chronic glomerulonephritis, nephritis and nephropathy not specified as acute or chronic, and renal sclerosis unspecified (N02-N03, N05-N07, N26)	0	0	0	0	0	0	0	0	0	0	0	0
Renal failure (N17-N19)	0	0	0	0	1	1	5	2	5	1	0	15
Other disorders of kidney (N25, N27)	0	0	0	0	0	0	0	0	0	0	0	0
Infections of kidney (N10-N12, N13.6, N15.1)	0	0	0	0	0	0	0	0	0	0	0	0



# Selected Causes of Death

Table A4K  
Selected Causes of Death by Age Group among Hispanic Females: Philadelphia, 2016

Cause of Death	< 5	5-14	15-24	25-34	35-44	45-54	55-64	65-74	75-84	85 +	Missing	Total
Hyperplasia of prostate (N40)	0	0	0	0	0	0	0	0	0	0	0	0
Inflammatory diseases of female pelvic organs (N70-N76)	0	0	0	0	0	0	0	0	0	0	0	0
Pregnancy, childbirth and the puerperium (O00-O99)	0	0	0	0	1	0	0	0	0	0	0	1
Pregnancy with abortive outcome (O00-O07)	0	0	0	0	0	0	0	0	0	0	0	0
Other complications of pregnancy, childbirth and the puerperium (O10-O99)	0	0	0	0	1	0	0	0	0	0	0	1
Certain conditions originating in the perinatal period (P00-P96)	8	0	0	0	0	0	0	0	0	0	0	8
Congenital malformations, deformations and chromosomal abnormalities (Q00-Q99)	3	0	0	0	0	0	0	0	0	0	0	3
Symptoms, signs and abnormal clinical and laboratory findings, not elsewhere classified (R00-R99)	2	0	1	0	1	2	2	1	1	1	0	11
All other diseases (Residual) (D65-E07, E15-E34, E65-F99, G04-G14, G23-G25, G31-H93, K00-K22, K29-K31, K50-K66, K71-K72, K75-K76, K83-M99, N13.0-N13.5, N13.7-N13.9, N14, N15.0, N15.8-N15.9, N20-N23, N28-N39, N41-N64, N80-N98)	0	0	0	2	1	3	6	8	10	18	0	48
Accidents (unintentional injuries) (V01-X59, Y85-Y86)	2	0	1	5	10	2	4	1	2	1	0	28
Transport accidents (V01-V99, Y85)	2	0	1	1	2	0	1	0	0	0	0	7
Motor vehicle accidents (V02-V04, V09.0, V09.2, V12-V14, V19.0-V19.2, V19.4-V19.6, V20-V79, V80.3-V80.5, V81.0-V81.1, V82.0-V82.1, V83-V86, V87.0-V87.8, V88.0-V88.8, V89.0, V89.2)	2	0	1	1	2	0	1	0	0	0	0	7
Other land 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)	0	0	0	0	0	0	0	0	0	0	0	0
Water, air and space, and other and unspecified transport accidents and their sequelae (V90-V99, Y85)	0	0	0	0	0	0	0	0	0	0	0	0
Nontransport accidents (W00-X59, Y86)	0	0	0	4	8	2	3	1	2	1	0	21
Falls (W00-W19)	0	0	0	0	0	0	1	1	1	0	0	3
Accidental discharge of firearms (W32-W34)	0	0	0	0	0	0	0	0	0	0	0	0
Accidental drowning and submersion (W65-W74)	0	0	0	0	0	0	0	0	0	0	0	0
Accidental exposure to smoke, fire and flames (X00-X09)	0	0	0	1	0	0	0	0	0	0	0	1

# Selected Causes of Death

Table A4K  
Selected Causes of Death by Age Group among Hispanic Females: Philadelphia, 2016

Cause of Death	< 5	5-14	15-24	25-34	35-44	45-54	55-64	65-74	75-84	85 +	Missing	Total
Accidents (unintentional injuries) (V01-X59, Y85-Y86)												
(continued)	2	0	1	5	10	2	4	1	2	1	0	28
Nontransport accidents (W00-X59, Y86) (continued)	0	0	0	4	8	2	3	1	2	1	0	21
Accidental poisoning and exposure to noxious substances (X40-X49)	0	0	0	3	8	2	2	0	0	0	0	15
Other and unspecified nontransport accidents and their sequelae (W20-W31, W35-W64, W75-W99, X10-X39, X50-X59, Y86)	0	0	0	0	0	0	0	0	1	1	0	2
Intentional self-harm (suicide) (U03, X60-X84, Y87.0)	0	0	1	0	0	1	0	0	0	0	0	2
Intentional self-harm (suicide) by discharge of firearms (X72-X74)	0	0	0	0	0	0	0	0	0	0	0	0
Intentional self-harm (suicide) by other and unspecified means and their sequelae (U03, X60-X71, X75-X84, Y87.0)	0	0	1	0	0	1	0	0	0	0	0	2
Assault (homicide) (U01-U02, X85-Y09, Y87.1)	0	0	0	0	0	1	0	0	0	0	0	1
Assault (homicide) by discharge of firearms (U01.4, X93-X95)	0	0	0	0	0	1	0	0	0	0	0	1
Assault (homicide) by other and unspecified means and their sequelae (U01.0-U01.3, U01.5-U01.9, U02, X85-X92, X96-Y09, Y87.1)	0	0	0	0	0	0	0	0	0	0	0	0
Legal intervention (Y35, Y89.0)	0	0	0	0	0	0	0	0	0	0	0	0
Events of undetermined intent (Y10-Y34, Y87.2, Y89.9)	0	0	0	0	0	0	0	0	0	0	0	0
Discharge of firearms, undetermined intent (Y22-Y24)	0	0	0	0	0	0	0	0	0	0	0	0
Other and unspecified events of undetermined intent and their sequelae (Y10-Y21, Y25-Y34, Y87.2, Y89.9)	0	0	0	0	0	0	0	0	0	0	0	0
Operations of war and their sequelae (Y36, Y89.1)	0	0	0	0	0	0	0	0	0	0	0	0
Complications of medical and surgical care (Y40-Y84, Y88)	0	0	0	0	0	0	0	1	0	0	0	1

# Technical Notes

## Technical Notes

### Determining Philadelphia Residency

Several steps have been followed to identify the birth and death data used in creating this report. The Pennsylvania Department of Health supplies all certificates for individuals whose address is in Philadelphia. The addresses are then filtered to determine whether an address lies within or outside of Philadelphia using a composite geocoder that makes use of a multi-step algorithm based on street address, city, state, and zip code fields. Geocoding the death records includes additional steps to account for more missing and less accurate address data than those available from birth certificates.

### Race/Ethnicity Categorization

The United States Census Bureau provides estimated populations by many race/ethnic groupings along with many age categories and sex. This report examines results for non-Hispanic whites, non-Hispanic blacks, non-Hispanic Asians, and Hispanics in addition to results for the total population. The total population is larger than the sum of these 4 groups because not everyone fits into these categories. In this report, the population of non-Hispanic whites has been taken from the data for Not Hispanic, White Alone. The same has been done for non-Hispanic blacks and non-Hispanic Asians. This selection avoids double-counting those who consider themselves to belong to more than one of the categories of interest.

In keeping with federal guidelines issued by the National Center for Health Statistics (NCHS), PDPH tabulates birth data by race/ethnicity of the mother. In 2003, Pennsylvania birth certificates employed a new method for recording the race of the mother through the use of a check box format rather than an open-ended question. The Pennsylvania live birth certificate collects both multiple races and a self-designated single race category for the mother. In keeping with the Pennsylvania Department of Health's reporting procedure, the self-designated single race data for mother's race were utilized. These data are combined with the ethnicity designation of Hispanic or not Hispanic to create race/ethnicity categories. Not all birth certificates have this information filled out; in case it is missing, the mother is designated as Other Race/Ethnicity.

### Maps

The maps created for this report are based on TIGER shapefiles from the Census Bureau and other shape files used internally by the Philadelphia City government. Albers projections have been used.

### Population

The denominators for birth and death rates used in the current report come from the Census Bureau estimates for July 1 of each year ([Figure P1](#)). However, the denominators for rates by planning district come from the 2010 census enumeration.

### Rates

Rates have been expressed on an annual basis as births per 1,000 or deaths per 100,000 estimated population in the specified group. Infant mortality rates are per 1,000 live births. Rates have not been presented when the number of deaths is below 20 or the population is below 5,000 because, in such

cases, a calculated rate may not be reliable or precise. In addition, mortality rates for the Lower South planning district have not been provided as the population is only slightly greater than 5,000.

Rates presented for a particular age band are calculated simply as the number of events divided by the population in the age band. These are crude rates. Age-adjusted rates are used to compare the relative number of events among groups and over time, because the age distribution changes between compared groups. Age-adjusted rates should be viewed as relative indices rather than as actual measures of risk. In this report the age-adjusted rates have been computed by the direct method—that is, by applying the age-specific rates observed this year to the 2000 projected U.S. population, as recommended by the U.S Department of Health and Human Services. We employed statistical approaches adapted from the National Vital Statistics Reports, Volume 57, Number 14, [http://www.cdc.gov/nchs/data/nvsr/nvsr57/nvsr57\\_14.pdf](http://www.cdc.gov/nchs/data/nvsr/nvsr57/nvsr57_14.pdf). Birth certificates with a missing age for the mother and death certificates with a missing age for the decedent were not included in the calculation of age-adjusted rates. Certificates with an unknown age or sex are not included in tabulations specific to age or sex but are included in overall tabulations.

Using the same projected population, rates for the total population and for each race-sex group were adjusted separately. Age-adjusted rates are not comparable with crude rates.

The infant mortality rate provides the ratio of deaths to live births. When reported for a racial/ethnic classification, the race/ethnicity of deceased infants (numerator) is based on the recorded death file, and the denominator is the total number of live births for that race/ethnicity. In cases where race/ethnicity data may be missing in the death file, the mother's race/ethnicity from the birth file from the PA Department of Health may be consulted.

### Natality

This report summarizes live births, which per Pennsylvania law refers to the expulsion or extraction from the 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. Fetal deaths are also summarized.

In addition to summaries of births by mother's age, race/ethnicity, and planning district, this report tabulates Philadelphia births by a number of infant characteristics. Among these characteristics is birth weight, which describes the newborn's initial weight after birth, taken preferably within 1 hour after birth before significant post-birth weight loss has occurred. Low birth weight is a weight of less than 2,500 grams (5 pounds 9 ounces). Very low birth weight is a weight of less than 1,500 grams (3 pounds 5 ounces). Another such characteristic is gestational age: preterm births occur at less than 37 weeks of gestation, term births occur between 37 and 41 weeks of gestation, and post-term births at more than 41 weeks of gestation. Also, prenatal care is considered to begin in the first trimester if the first visit happens by 90 days after the last normal menses, in the second trimester if it happens between 91 and 180 days, and in the third trimester if it happens after 180 days. Prenatal care initiation in the third trimester is considered late initiation. Some birth certificates are lacking one or more of these fields. Births which a particular field is missing or unknown were not included in the calculation of the percentage of this field, although they have been counted in the overall summaries. This means that totals do not always correspond between sets of displays.

## Infant Birth and Death Certificates

Links were made between birth and death certificates only in specific cases of incomplete race/ethnicity data.

## Causes of Death

The underlying cause of death field from the death certificate is the data item used to tabulate cause of death statistics. The underlying cause is the disease or injury that initiated the train of events leading directly to death or the circumstances of the accident or violence that produced the fatal injury. The Pennsylvania Department of Health codes the cause of death on the death certificate and classifies death by causes according to the International Classification of Diseases, Tenth Revision (ICD-10) of the World Health Organization.

Beginning with the 2005 report, PDPH followed the guidelines issued by the National Center for Health Statistics (NCHS) in the presentation of leading causes of death statistics. The report utilized Instruction Manual Part 9, which provided the lists of causes of death for tabulation and dissemination of mortality data using ICD-10 codes. The tabulation lists have been developed to maintain continuity with the lists from the Ninth Revision of the International Classification of Diseases (ICD-9), to facilitate trend analysis, and to separately identify causes of death that are of public health and medical importance. The use of Instruction Manual Part 9 enables the Philadelphia Department of Public Health to generate mortality statistics comparable to federal statistics as well as keep up-to-date on causes of mortality of public health importance. The causes of death data using the ICD-10 codes were not available prior to 1999.

Of the eight mortality tabulation lists in the Manual, this report utilized two: List of 113 Selected Causes of Death (Table B in Instruction Manual Part 9) and List of 130 Selected Causes of Infant Death (Table C). Table B is used for the general analysis of mortality and for ranking leading causes of death. The rankable causes of death from the list in Table B were utilized to tabulate, rank, and determine leading causes of death statistics. Table C is used for the analysis of infant mortality and for ranking leading causes of infant death. The rankable causes of death from the list in Table C were utilized to tabulate, rank, and determine the leading causes of death.

The leading causes of death are taken from the 10 most frequent causes designated as eligible for ranking in the mortality tabulation lists. The category of “All other causes” of death includes the less frequent eligible causes as well as the ineligible causes.

Age or race/ethnicity was missing for some death certificates. Deaths with missing data have not been counted in detailed displays but are counted in overall displays. This means that totals do not always correspond between sets of displays.

## Life Expectancy

There are several methods in use for calculating life expectancy, and results at the local level can be influenced by small numbers of deaths, particularly when examining subcategories such as race/ethnic groups and sex as is done in this report. This report follows the methodological options

listed in Life Expectancy at Birth: Methodological Options for Small Populations, National Statistics Methodological Series No. 33, Barbara Toson, Office for National Statistics, 2003. Strata with zero deaths can pose a problem in the intermediate calculations, and that paper suggests a substitution. In this report, the city-wide average for the sex and age has been used. Since life expectancy is lower for infants than for older children, calculations require the population of infants for the denominator. This is available from the finalized Census Bureau data up to the census enumeration 2010. After 2010, the population of infants has been estimated as the difference between births and infant deaths because the majority of these deaths occur quite early.

Life expectancy calculations have been restricted to groups having at least 20 deaths and a population of at least 5,000. Calculations based on smaller numbers may not be reliable or precise. In addition, life expectancy has not been calculated for the Lower South planning district, which has a population only slightly greater than 5,000.

### Years of Potential Life Lost

Years of potential life lost (YPLL) is a measure of premature mortality, based on estimating the average years a person would have lived if he or she had not died prematurely. The reference age used in this report is 75. For deaths among people under 75, YPLL is calculated by subtracting age at death from 75; for people aged 75 and over, YPLL is set to 0. Total YPLL represents the sum of these individual YPLL estimates.

### Smoking-Attributable Mortality and Productivity Losses

The analysis of Smoking-Attributable Mortality, Morbidity, and Economic Costs (SAMMEC) follows the updated SAMMEC Methodology listed in the book, The Health Consequences of Smoking - 50 Years of Progress: A Report of the Surgeon General, US Department of Health and Human Services, CDC, 2014. The annual Smoking-Attributable Mortality (SAM) estimate obtained from the most recent year of prevalence, provided by Public Health Management Corporation, Philadelphia. Methodological details are available at the following websites:

[http://www.surgeongeneral.gov/library/reports/50-years-of progress;](http://www.surgeongeneral.gov/library/reports/50-years-of-progress/)

And [https://chronicadata.cdc.gov/Health-Consequences-and\\_Costs/Smoking-Attributable Mortality Morbidity-and\\_-Econo/w47j-r23n.](https://chronicadata.cdc.gov/Health-Consequences-and_Costs/Smoking-Attributable_Mortality_Morbidity-and_-Econo/w47j-r23n)

### Alcohol-Attributable Mortality

The Alcohol-Related Disease Impact (ARDI) methodology is another public health analysis tool developed by the CDC. Given information on the local prevalence of alcohol consumption and counts of deaths due to several causes by age and gender, ARDI can be used to estimate the mortality impact of alcohol consumption. Methodological details can be found at the ARDI website:

[http://www.cdc.gov/alcohol/ardi.htm.](http://www.cdc.gov/alcohol/ardi.htm)