
DELAWARE VITAL STATISTICS ANNUAL REPORT 2017



DELAWARE HEALTH AND SOCIAL SERVICES
Division of Public Health
A Nationally Accredited Health Department

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DELAWARE VITAL STATISTICS ANNUAL REPORT

2017

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PREFACE

I am pleased to present the 2017 Vital Statistics Annual Report, issued by the Division of Public Health's Delaware Health Statistics Center.

This report features statistics that are essential to identify and understand the challenges facing Delaware as it strives to improve the health of its residents. Our challenges are significant, and include the reduction of infant mortality, promoting healthy lifestyles to reduce morbidity and mortality due to preventable diseases, and closing the health disparities gap that exists when comparing racial and ethnic groups. To meet these challenges, we must measure outcomes and monitor trends to learn what we can do to improve the quality of life for all Delawareans.

The 2017 Delaware Vital Statistics Annual Report presents a wide variety of data and statistics that can assist us in this endeavor. Information in this report identifies racial differences, such as the large disparity between black and white mortality rates for HIV, homicide, diabetes, kidney disease, and hypertension. It presents health indicators such as life expectancy, the leading causes of death, teen birth rates, general fertility rates, and infant mortality rates; and it provides historical data that demonstrate movement over time.

The primary sources of data used in preparing this report are certificates of marriage, divorce, live birth, death, fetal death, and reports of induced termination of pregnancy. We are indebted to the hard work and dedication of the professionals who provide these certificates.

Karyl Thomas Rattay MD, MS



Director
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There is an ever-increasing demand for vital records data and an increasing recognition of the importance of these data among policy makers, planners and health professionals, the news media, students and teachers, and private citizens. In an effort to meet the demand for quality vital statistics data, the Delaware Health Statistics Center (DHSC) releases the Delaware Vital Statistics Annual Report.

The primary sources of data used in preparing this report are certificates of marriage, divorce, live birth, death, and fetal death filed either in or out of Delaware and reports of induced termination of pregnancy (ITOP) filed in Delaware. The compilation and enumeration of vital events are accomplished through the cooperation of the DHSC and the Office of Vital Statistics. This cooperation is the foundation for the development of a comprehensive health data management system designed to facilitate the most effective use of resources.

This report includes a number of statistics based on five-year averages: age-specific fertility rates, percentages of births to single mothers, percentages of low birthweight births, infant mortality rates, and age-adjusted mortality rates for selected causes of deaths. The use of five-year averages for these measures is due to the relatively small number of events in a single year, making annual rates particularly susceptible to the effects of random variations. This report presents trends over time beginning in the 1990's and 2000's. The DHSC presents rates with stratifications of place of residence, age, marital status, race, ethnicity, gender, educational background, and (for mortality data) causes of death. Also included are highlights of Delaware's life expectancy, leading causes of death, and the most popular birth names.

Sections in this report focus on specific topics of concern to Delawareans such as teen pregnancy, infant mortality, trends in HIV infection/AIDS deaths, and drug and alcohol-related deaths. Throughout the years, the DHSC expanded its sections to include data specific to Wilmington, historical tables on the percent of births to single mothers, and tables on the percent of low and very low birthweight births.

The effective use of vital statistics information is essential to identify and understand the population health challenges facing Delaware. Some of the highlights of this annual report are as follows.

- Although there was a 10 percent decrease in the overall number of births from 2007 to 2017, there was an 11 percent increase in the number of births to women aged 30 and older. The number of single women aged 30 and older also increased 75 percent during this same time period.
- Delaware females born in 2017, can expect to live an average of 81.4 years versus males who could expect to live 75.5 years.
- Delaware's infant mortality rate decreased 22 percent from 9.3 infant deaths per 1,000 live births in 2000-2004 to 7.3 infant deaths per 1,000 live births in 2013-2017.
- Opioid drug overdose deaths increased 729 percent from 35 deaths in 2000 to 290 deaths in 2017.

Examining data such as the data highlighted here can provide a general overview of the health of Delawareans and provide an opportunity to generate and evaluate possible hypotheses about the possible determinants of diseases and health risks. This data report may be useful for policy development and program planning when used in concert with other relevant data.

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THE DELAWARE VITAL STATISTICS SYSTEM

Statewide vital registration began in Delaware during 1861 as the result of a statute enacted in 1860 by the Delaware General Assembly. This statute authorized the Recorder of Deeds to record births and deaths in the three counties. However, the vital record registration statute was repealed in 1863 and not re-enacted until 1881. When re-enacted, vital records were once again filed with the Recorder of Deeds. This changed on July 1, 1913 with the establishment of the Bureau of Vital Statistics. Since 1913, birth, death, and marriage records have been filed with the Bureau of Vital Statistics (now the Office of Vital Statistics). In 1928, stillbirth records (fetal deaths) were added to the Delaware system and divorce records were added in 1936. Most recently, reports of induced termination of pregnancy were added to the system on January 1, 1997. The information contained on vital records and in this report serves as an important tool for health professionals by providing a picture of the general health of Delaware's population.

The current Delaware vital statistics system includes six types of vital events: births, deaths, marriages, divorces, fetal deaths, and induced terminations of pregnancy. Each type of record follows a different path before being filed with the State.

When a birth occurs, the physician, midwife, or other birth attendant is required to complete a birth certificate and submit it to the central Office of Vital Statistics in Dover within 10 days, where it is registered and permanently filed. For hospital births, the medical records staff generally completes the birth certificate. The physician, attendant at birth, or hospital administrator signs the completed form before it is forwarded to the Office of Vital Statistics.

Although the physician is responsible for completing the cause of death section on the death certificate, the funeral director completes the remaining sections. It is the funeral director's responsibility to file the certificate with one of the county Office of Vital Statistics within 72 hours of the death.

Fetal death certificates are required to be filed for any fetus which weighs at least 350 grams or, if the weight is unknown, reached at least 20 weeks of gestation. These certificates are handled in much the same way as death certificates, with the physician completing the cause of death section and the funeral director completing the remaining sections. These certificates are then filed with one of the county Office of Vital Statistics.

When a couple decides to marry in Delaware, they provide one of the three county Clerks of Peace with the information needed to complete a marriage license. The couple then takes the license to an officiant. After performing the marriage, the officiant signs and dates the license and returns it to the Clerk of the Peace who forwards a copy to the Office of Vital Statistics.

The Family Court handles divorce and annulment certificates in Delaware. The Office of Vital Statistics in Dover receives copies of these certificates that are used for statistical purposes only. Copies of divorce decrees must be obtained from the Family Court in the county where the divorce was granted.

When an induced termination of pregnancy is performed in Delaware, a report is filed directly to the Delaware Health Statistics Center. Unlike most vital records, these reports contain no personal identifiers. The Center then codes the records and creates an electronic data file. The reports are filed for statistical purposes only and are shredded and discarded when all reports for the data year have been coded.

Copies of all marriage, divorce, and death records are sent to the Office of Vital Statistics in Dover for coding and entry in electronic format. Beginning in 2006, all in-state birth and fetal death records are entered directly into the Electronic Vital Records System (EVRS) by the healthcare provider. Out-of-state and home delivery records are sent to the Office of Vital Statistics for coding and entry. Records with unknown or unlikely data are verified when possible by querying the original data provider. Querying is conducted by the Office of Vital Statistics and the Health Statistics Center. Computer files containing statistical data are maintained and used by the Health Statistics Center to produce reports such as this one. Copies of these files are also sent to the National Center for Health Statistics to become part of a national database.

Since most analyses of vital events are based upon place of residence, rather than place of occurrence, the Office of Vital Statistics also receives copies of certificates for all Delaware resident births and deaths occurring in other states.

BASIC DEFINITIONS

The following definitions apply throughout this report:

AGE-ADJUSTED MORTALITY RATE (Direct Method) is a method used to eliminate differences caused by variations in age composition, to allow comparisons between populations and over time. More specifically, age-adjustment involves weighting age-specific death rates by standard population weights. The standard population used in this report is the 2000 U.S. population.

AGE-SPECIFIC MORTALITY RATE is the number of deaths for a specified age group per 100,000 population in the same age group.

AGE-SPECIFIC FERTILITY RATE is the number of resident live births to women in a specific age group (e.g., 20-24 years) per 1,000 women in the same age group.

ANNULMENT is the invalidation or voiding of a marriage that confers on the parties the status of never having been married to each other.

BIRTH COHORT consists of all children born during a specific period of time.

BIRTHWEIGHT is the first weight of the fetus or newborn obtained after birth. This weight should be measured within the first hour of life before significant postnatal weight loss has occurred.

CAUSE OF DEATH refers to deaths classified by cause according to the International Classification of Diseases, Ninth & Tenth Revisions, of the World Health Organization.

CENSUS COUNTY DIVISION (CCD) represent the 2000 census delineations of county subdivisions. The boundaries of CCDs coincide with census tracts and county boundaries, with the result that census tracts fit within county subdivisions, which fit within counties. CCDs are sometimes used in place of census tract or zip code data because they represent the smallest level of geography that can be consistently defined and used to generate reliable statistics.

CRUDE BIRTH RATE is the total number of resident live births per 1,000 total population. It is generally used as a measure of population growth due to childbirth. Crude birth rates are not measures of fertility. When fertility is the topic of interest, general or age-specific fertility rates are more appropriate.

CRUDE MORTALITY RATE is expressed as the total number of deaths per 100,000 population. The crude rate is misleading if one wants to make comparisons between different populations when the age-race-sex distributions of the populations are not similar.

DEATH is the permanent disappearance of any evidence of life at any time after live birth.

DIVORCE is the final legal dissolution of a marriage.

ELECTRONIC VITAL RECORDS SYSTEM (EVRS) is a web-based system for entering and maintaining vital record events.

EDUCATION is the highest level of formal education completed.

FETAL DEATH is a death prior to the complete expulsion or extraction from the mother of a product of conception, which weighs at least 350 grams or if weight is unknown, reached at least 20 weeks of gestation; the death is indicated by the fact that, after such expulsion or extraction, the fetus does not breathe or show any other evidence of life, such as beating of the heart, pulsation of the umbilical cord, or definite movement of voluntary muscles. Heartbeats are to be distinguished from transient cardiac contractions; respirations are to be distinguished from fleeting respiratory efforts or gasps.

FIVE-YEAR AVERAGE RATE is the number of vital events (births, infant deaths, etc.) that took place during a particular five-year period per 1,000 or 100,000 population (or other appropriate denominator).

GENERAL FERTILITY RATE is the total number of resident live births per 1,000 women of childbearing age (i.e., 15-44 years).

INTERNATIONAL CLASSIFICATION OF DISEASES, TENTH REVISION (ICD-10) is an internationally recognized system of processing, classifying, and presenting mortality statistics, implemented in 1999.

INDUCED TERMINATION OF PREGNANCY means the purposeful interruption of an intrauterine pregnancy with the intention other than to produce a live-born infant, and which does not result in a live birth. This definition excludes management of prolonged retention of products of conception following fetal death.

INFANT DEATH is the death of a live-born infant occurring during the first year of life.

INFANT MORTALITY RATE measures the risk of death during the first year of life. It relates the number of deaths under one year of age to the number of live births during the same time period. It is expressed as the number of infant deaths per 1,000 live births. Since it is not dependent on a population census or estimate, it can be computed for any area and time period for which the numbers of infant deaths and live births are available.

LIVE BIRTH is the complete expulsion or extraction from the mother of a product of human conception, irrespective of the duration of pregnancy, which, after such expulsion or extraction, breathes or shows any other evidence of life, such as beating of the heart, pulsation of the umbilical cord, or definite movement of the voluntary muscles whether or not the umbilical cord has been cut or the placenta is attached. Heartbeats are to be distinguished from transient cardiac contractions; respirations are to be distinguished from fleeting respiratory efforts or gasps.

LIVE BIRTH ORDER indicates the numeric relationship of a newborn child to other children born alive to the mother during previous deliveries.

LIVE BIRTH ORDER FERTILITY RATE is the number of resident live births of a specific live birth order (i.e., first born, second born, etc.) per 1,000 women 15-44 years of age.

LOW BIRTHWEIGHT BIRTH refers to a newborn weighing less than 2,500 grams (5 pounds, 8 ounces).

MARRIAGE is the legal union of two people of opposite sex.

MEAN is one of three statistics commonly used to describe the average score in a large data set (the other two are the median and mode). The mean is obtained by summing the scores in a data set and dividing the result by the total number of scores. It is the statistic typically chosen when scores tend to cluster toward the middle of a distribution of scores ranked in order from low to high.

MEDIAN is one of three statistics commonly used to describe the average score in a large data set (the other two are the mean and mode). It is the score that falls exactly in the middle of the entire distribution of scores ranked in order from low to high such that 50 percent of the scores fall above it and 50 percent of the scores fall below it. If the number of scores is even, a value halfway between the two scores nearest the middle is used. It is the statistic typically chosen when scores tend to cluster toward one end of the ranked distribution. For example, median age at death is often reported because there tends to be clustering in the older age groups in mortality data.

MODE is one of three statistics commonly used to describe the average score in a large data set (the other two are the median and mean). It is the most frequently occurring score or category in a data set. It is the statistic typically chosen when scores tend to cluster in more than one part of a distribution of scores ranked in order from low to high. It is also used for nominal variables (i.e., variables with categories that have no numerical meaning or specific logical order) such as cause-of-death. For example, the most frequent cause-of-death (i.e., the mode for the cause-of-death) is heart disease.

NEONATAL DEATH is the death of a live-born infant before the infant becomes 28 days old (up to and including 27 days, 23 hours, 59 minutes from the moment of birth).

NEONATAL MORTALITY RATE measures the risk of death before reaching 28 days of life. This rate relates the number of deaths to infants less than 28 days of age to the total number of live births. It is expressed as the number of neonatal deaths per 1,000 live births.

OCCURRENCE DATA refer to vital events reported by the place where the event actually occurred. When occurrence data are reported for Delaware, the numbers include only those events that took place in Delaware, regardless of the place of residence of the individuals involved. Marriages, divorces, annulments, and abortions are reported as occurrence data.

PLURALITY represents the number of siblings born as the result of a single pregnancy.

POSTNEONATAL DEATH is the death of a live-born infant of 28 days to 364 days of age.

POSTNEONATAL MORTALITY RATE measures the risk of death during the period from 28 to 364 days of age. It is expressed as the number of postneonatal deaths per 1,000 live births.

RESIDENCE DATA refer to vital events reported by the usual place of residence for the people to whom the events took place. When residence data are reported for Delaware, the numbers include events taking place to Delaware residents in and outside of Delaware. For births and fetal deaths, residence is defined as the mother's usual place of residence. For deaths, residence is defined as the decedent's usual place of residence. Unless otherwise noted, the numbers in all tables and figures provided in this report are residence data.

TEENAGE FERTILITY RATE is the number of resident live births to women 15-19 years of age per 1,000 women 15-19 years of age.

UNDERLYING CAUSE OF DEATH is either the disease or injury that initiated a chain of events leading directly to death or the circumstances of an accident or violence, which produced a fatal injury.

VERY LOW BIRTHWEIGHT BIRTH refers to a newborn weighing less than 1,500 grams (3 pounds, 5 ounces).

WEEKS OF GESTATION are the number of weeks elapsed between the first day of the last normal menstrual period (LMP) and the date of birth. When the date of the LMP is incompletely reported or the length of gestation as computed from the LMP is inconsistent with the reported birth weight, the "clinical estimate of gestation" is used. Gestations of fewer than 17 weeks or more than 47 weeks are coded as unknown. For more information, see the Technical Notes section of this report.

RATES

The simplest method of making comparisons among groups of people is to compute relative figures such as rates. A rate is obtained by a process of division, in which the numerator represents the number of times an event has occurred within a particular time period and the denominator enumerates the total number of individuals exposed to the risk of that event during the same time period. The ratio of these two numbers is generally multiplied by 100, 1,000 or 100,000 to avoid decimal numbers beginning with zeros (see following two pages).

In computing rates, it is necessary that the numerator (i.e., the number of events) be defined according to (a) the nature of the event in question, (b) the geographical area and/or social group to which the event belongs, and (c) the time period when the event occurred. The denominator (i.e., the "population at risk") should correspond to the numerator in all the above respects. The more specifically one can define the "population at risk", the more meaningful the rate will be. For example, the crude birth rate, which compares the number of births to the total population, is not nearly as informative as the general fertility rate. This second rate uses only the number of women of childbearing age (15-44) for comparative purposes and therefore more specifically defines the "population at risk."

In general, rates will not be presented for events which have numerators less than 20, or in cases where the population estimates are not produced by the Delaware Population Consortium (DPC). For example, Hispanic mortality has not normally been reported in terms of rates due to the following reasons: Hispanics experience a relatively small number of deaths and the only available population estimates, produced by the U.S Census Bureau, have been subject to questions regarding their accuracy, both of which contribute to high variability in rates. Though there are a few exceptions to this rule, the Hispanic rates generated are more for illustrative purposes and should be interpreted with caution.

Formulas and calculations for the most common rates used in this report are provided on the following two pages.



CALCULATION OF RATES

$$\text{Crude Birth Rate} = \frac{\text{Number of Live Births}}{\text{Total Population}} \times 1,000$$

$$\text{General Fertility Rate} = \frac{\text{Number of Live Births}}{\text{Female Population Ages 15-44}} \times 1,000$$

$$\text{Teenage Fertility Rate} = \frac{\text{Number of Live Births to Women Ages 15-19}}{\text{Female Population Ages 15-19}} \times 1,000$$

$$\text{Live Birth Order Fertility Rate} = \frac{\text{Number of Live Births of a Specific Live Birth Order}}{\text{Female Population Ages 15-44}} \times 1,000$$

$$\text{Age-Specific Fertility Rate} = \frac{\text{Number of Live Births in a Specific Age Group}}{\text{Female Population in the Same Specific Age Group}} \times 1,000$$

$$\text{Reported Pregnancy Rate} = \frac{\text{Number of Reported Pregnancies in a Specific Age Group}}{\text{Female Population in the Same Specific Age Group}} \times 1,000$$

$$\text{Crude Mortality Rate} = \frac{\text{Number of Deaths}}{\text{Total Population}} \times 100,000$$

$$\text{Age-Specific Mortality Rate} = \frac{\text{Number of Deaths in a Specific Age Group}}{\text{Population in the Same Specific Age Group}} \times 100,000$$

$$\text{Age-adjusted Death Rate} = \sum_i W_i \cdot \left(\frac{\# \text{Deaths}_i}{\text{Pop}_i} \times 100,000 \right)$$

$$\text{where } W_i = \frac{\text{Standard Population}_i}{\text{Total Standard Population}}$$

and i = agegroup

$$\text{Marriage Rate} = \frac{\text{Number of Marriages}}{\text{Total Population}} \times 1,000$$

$$\text{Divorce Rate} = \frac{\text{Number of Divorces and Annulments}}{\text{Total Population}} \times 1,000$$

$$\text{Infant Mortality Rate} = \frac{\text{Number of Infant Deaths}}{\text{Total Live Births}} \times 1,000$$

$$\text{Neonatal Mortality Rate} = \frac{\text{Number of Neonatal Deaths}}{\text{Total Live Births}} \times 1,000$$

$$\text{Perinatal Mortality Rate} = \frac{(\text{Late Fetal Deaths} + \text{Early Infant Deaths})}{(\text{Late Fetal Deaths} + \text{Live Births})} \times 1,000$$

Figure 1. Selected Characteristics: Delaware Vital Statistics Annual Report, 2017

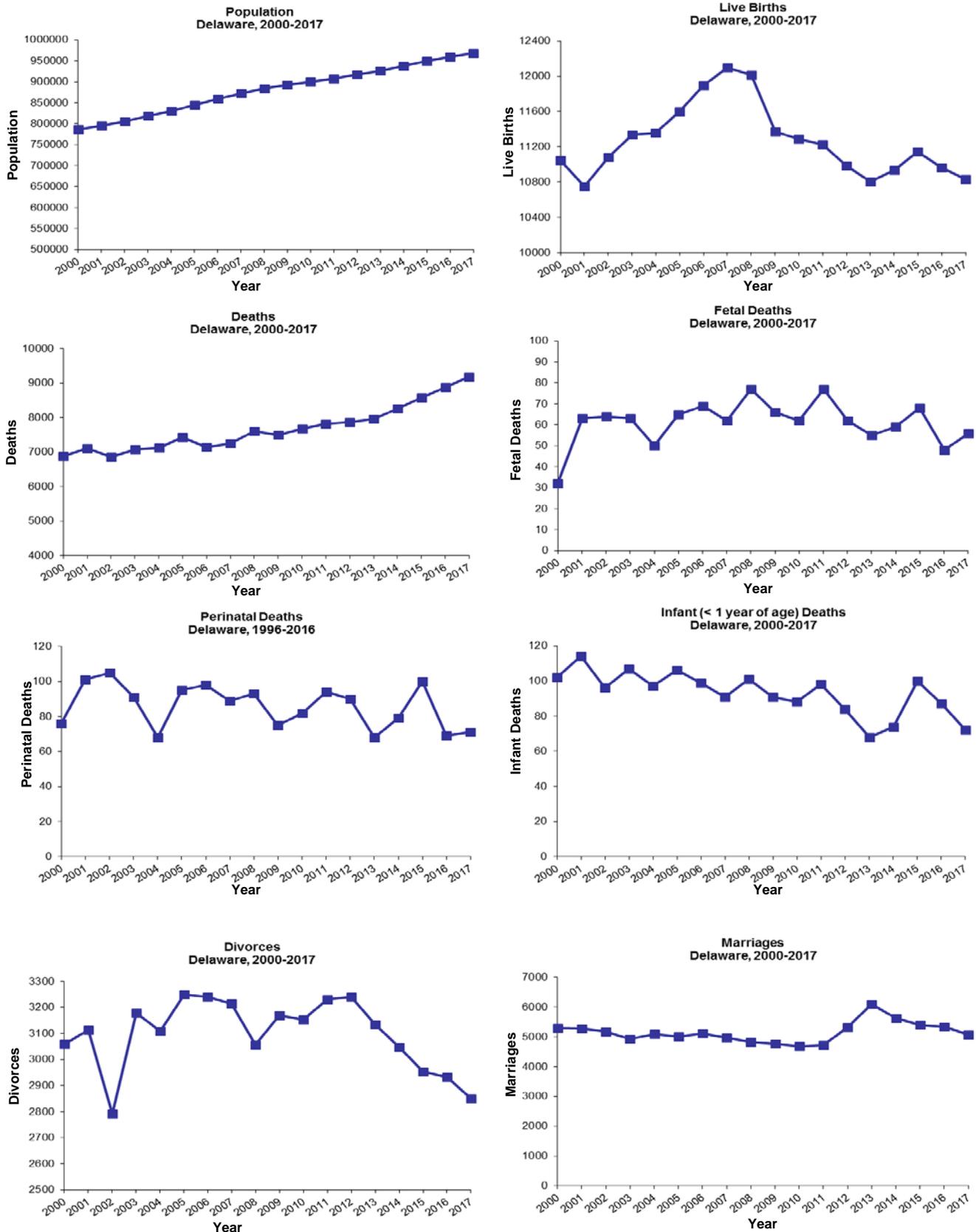
Population			Fetal Deaths		
	Number*	Percent		Number*	Percent
Delaware	967,813	100.0%	Delaware	56	100.0%
<i>Kent</i>	180,610	18.7%	<i>Kent</i>	14	25.0%
<i>New Castle</i>	564,193	58.3%	<i>New Castle</i>	33	58.9%
<i>Sussex</i>	223,010	23.0%	<i>Sussex</i>	9	16.1%
Marriages			Race		
	Number*	5-yr Rate ¹		Number	Percent
Delaware	5,071	5.6	<i>Non-Hispanic White</i>	16	28.6%
<i>Kent</i>	911	5.1	<i>Non-Hispanic Black</i>	30	53.6%
<i>New Castle</i>	2,559	4.8	<i>Hispanic Origin⁴</i>	6	10.7%
<i>Sussex</i>	1,601	8.1	Infant Mortality		
Divorces				Number*	5-yr Rate ⁵
	Number*	5-yr Rate ¹	Delaware	72	7.3
Delaware	2,851	3.1	<i>Kent</i>	8	5.8
<i>Kent</i>	611	3.8	<i>New Castle</i>	48	8.1
<i>New Castle</i>	1,557	2.9	<i>Sussex</i>	16	6.7
<i>Sussex</i>	683	3.3	Race		
Live Births				Number	Percent
	Number*	5-yr Rate ²	<i>Non-Hispanic White</i>	18	4.5
Delaware	10,835	59.5	<i>Non-Hispanic Black</i>	37	12.1
<i>Kent</i>	2,172	58.0	<i>Hispanic Origin⁴</i>	14	9.4
<i>New Castle</i>	6,391	57.4	Mortality		
<i>Sussex</i>	2,272	68.6		Number*	Adj. Rate ⁶
Births to Teenagers (15-19)			Delaware	9,173	745.8
<i>Non-Hispanic White</i>	171	13.0	<i>Kent</i>	1,622	869.9
<i>Non-Hispanic Black</i>	209	30.8	<i>New Castle</i>	4,881	743.1
Delaware	552	20.3	<i>Sussex</i>	2,670	706.2
<i>Kent</i>	125	19.1	Race and Gender		
<i>New Castle</i>	274	18.0	<i>Non-Hispanic White Males</i>	3,644	913.8
<i>Sussex</i>	153	29.2	<i>Non-Hispanic White Females</i>	3,451	627.5
Race			<i>Non-Hispanic Black Males</i>	892	1065.9
	Number*	Percent	<i>Non-Hispanic Black Females</i>	811	692.3
<i>Non-Hispanic White</i>	5,309	49.0%	Decedent's Age		
<i>Non-Hispanic Black</i>	2,932	27.1%		Number*	Percent
<i>Hispanic Origin⁴</i>	1,773	16.4%	<1	72	0.8%
Marital Status			1-14	26	0.3%
	Number*	Percent	15-24	105	1.1%
<i>Married</i>	5,688	52.5%	25-44	463	5.0%
<i>Single</i>	5,147	47.5%	45-64	1796	19.6%
Births to Single Mothers ³			65-74	1881	20.5%
	Number*	Percent	75-84	2139	23.3%
<i>Non-Hispanic White</i>	1,833	34.5%	85+	2691	29.3%
<i>Non-Hispanic Black</i>	2,090	71.3%	Leading Causes of Death		
<i>Hispanic Origin⁴</i>	1,083	61.1%		Number*	Percent
Low Birth Weight (<2500 gms)			Malignant neoplasms	2,085	22.7%
	Number*	Percent	Diseases of heart	1,979	21.6%
All Races	981	9.1%	Accidents (unintentional injuries)	626	6.8%
<i>Non-Hispanic White</i>	358	6.7%	Cerebrovascular diseases	569	6.2%
<i>Non-Hispanic Black</i>	409	13.9%	Chronic lower respiratory diseases	524	5.7%
<i>Hispanic Origin⁴</i>	132	7.4%	Dementia	410	4.5%

Notes:

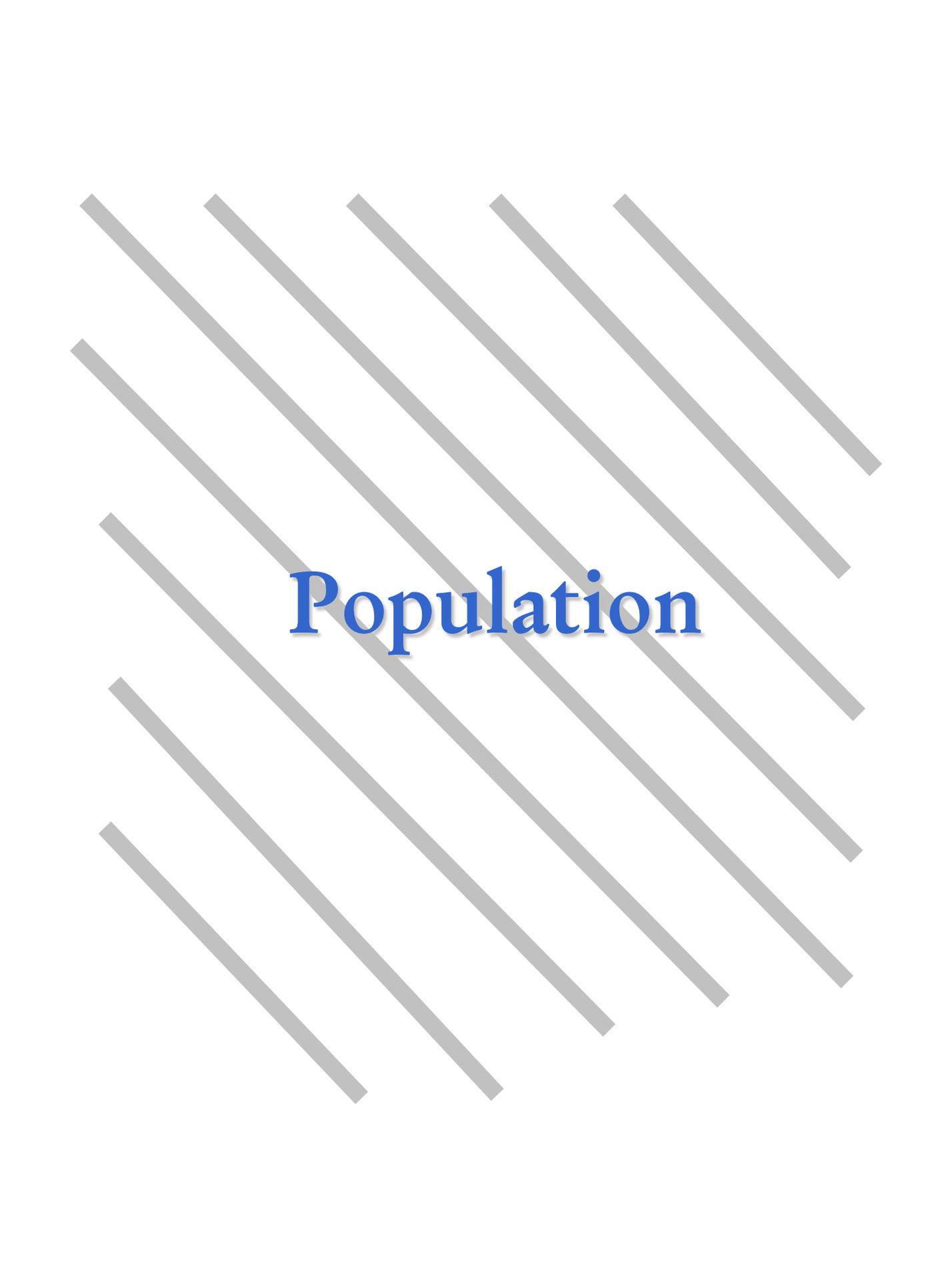
- * Numbers are for 2017.
- 1. The 5-year rate is per 1,000 population and refers to the period 2013-2017.
- 2. The 5-year rate refers to total live births per 1,000 women 15-44 years of age during the 2013-2017 period.
- 3. Percentages for births to single mothers are based on total births for the race-group.
- 4. People of Hispanic origin may be of any race. The percentage is based on total resident births for 2017.
- 5. The 5-year (2013-2017) infant mortality rates represent the number of deaths to children under one year of age per 1,000 live births.
- 6. The 2017 mortality rates (deaths per 100,000 population) for Delaware and the counties are age-adjusted to the 2000 U.S. population.

Source: Delaware Department of Health and Social Services, Division of Public Health, Delaware Health Statistics Center

Figure 2. Vital Statistics, Delaware, 2000-2017



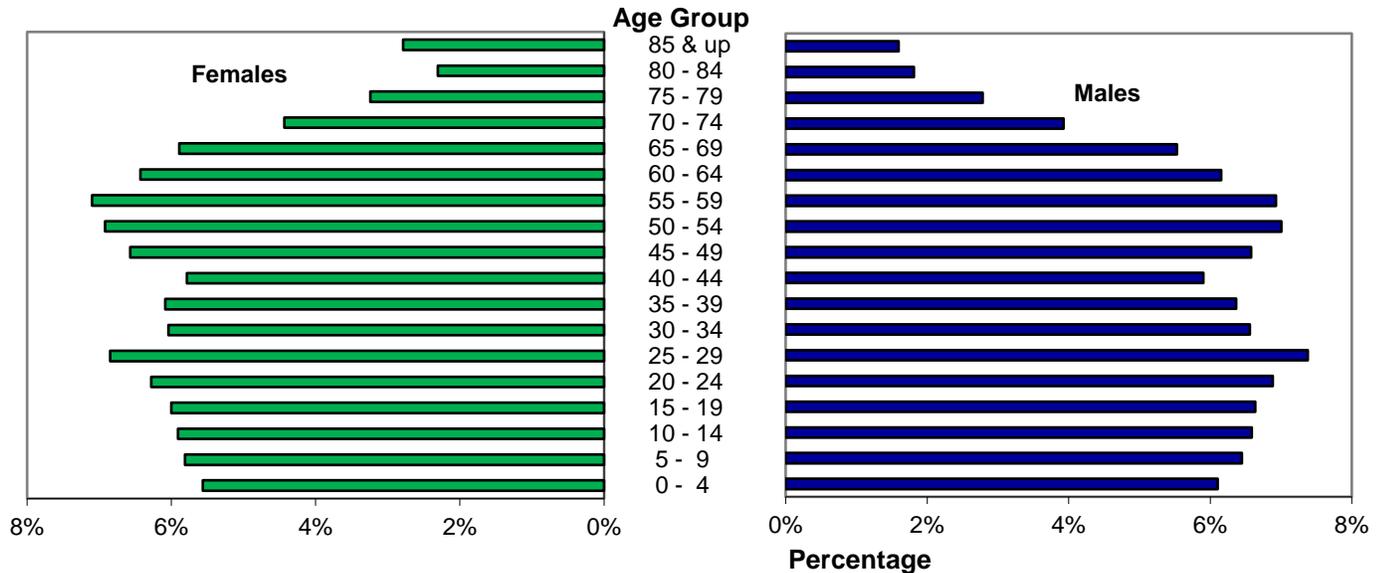
Source: Delaware Department of Health and Social Services, Division of Public Health, Delaware Health Statistics Center

The background of the slide is white with a pattern of diagonal gray lines. The lines are parallel and spaced evenly, running from the top-left towards the bottom-right. The word "Population" is centered in the middle of the slide.

Population

In 2017, nearly 52 percent of Delaware’s population was female. Females made up a greater proportion of the older age groups, which reflects the longer female life expectancy. Delaware females born in 2017 can expect to live an average of 81.4 years versus males who can expect to live 75.5 years.

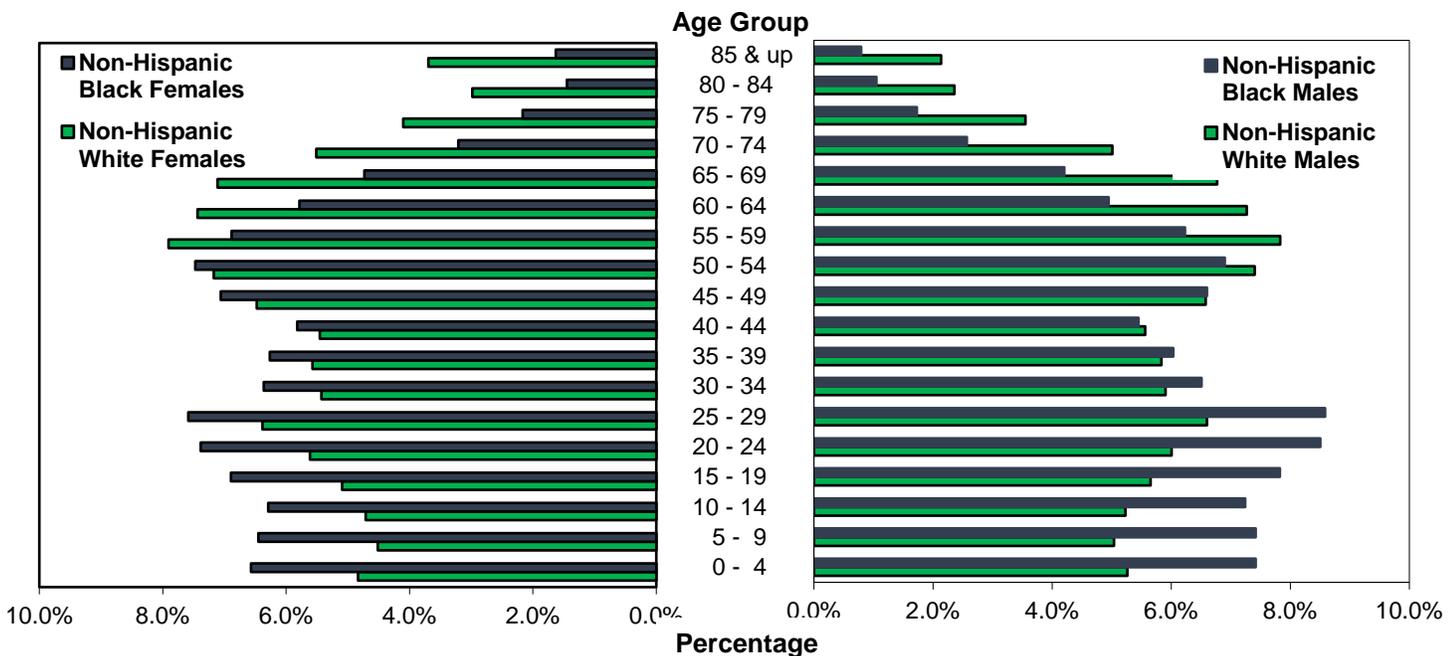
Figure 3. Population by Gender, Delaware, 2017



Source: Delaware Department of Health and Social Services, Division of Public Health, Delaware Health Statistics Center

When the population was broken down by race, the highest proportion of females in the older age groups appeared in the non-Hispanic white population. However, both non-Hispanic black males and females had a greater percentage of their population in the 0-39 year age range than non-Hispanic white males and females. In the 55 and above age range for both males and females, whites made up a greater proportion of the population.

Figure 4. Population by Gender and Race, Delaware, 2017



Source: Delaware Department of Health and Social Services, Division of Public Health, Delaware Health Statistics Center

POPULATION

Delaware's three counties continued their increasing population trend, although they grew at different rates. Between 2000 and 2017, county populations grew annually by 2.5 percent for Kent, 0.7 percent for New Castle, and 2.5 percent for Sussex. Delaware's statewide increase was 1.4 percent.

In 2017, just over half of Delaware's 65 and older population resided in New Castle County. However, residents 65 and older represented a much larger proportion of the Sussex County population, where one in four residents was 65 or older, versus New Castle and Kent counties, where approximately one in seven residents was 65 or older.

Over half of Delaware's total population resides in New Castle County.

Figure 6. Percent of Population by County, Delaware, 2017

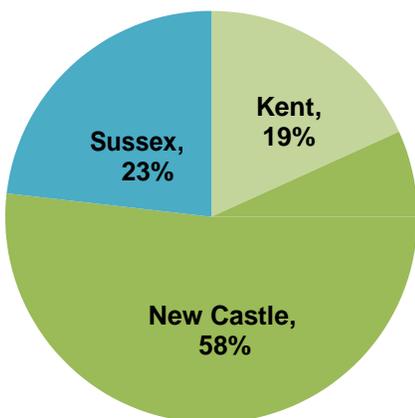
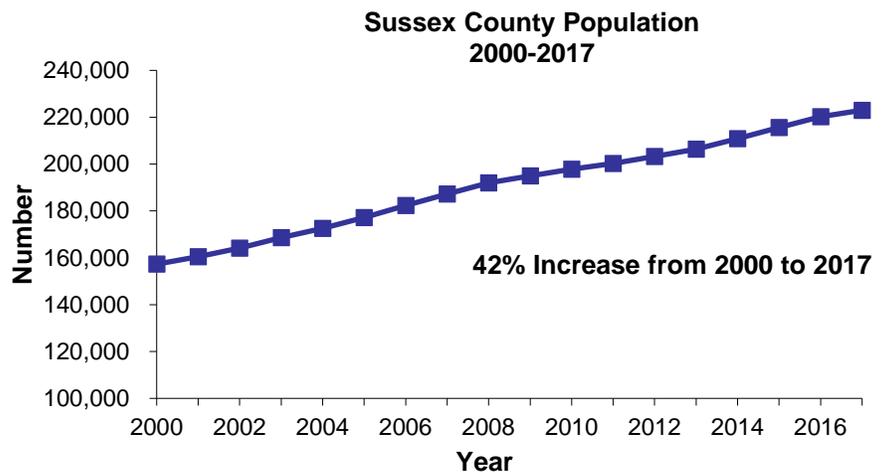
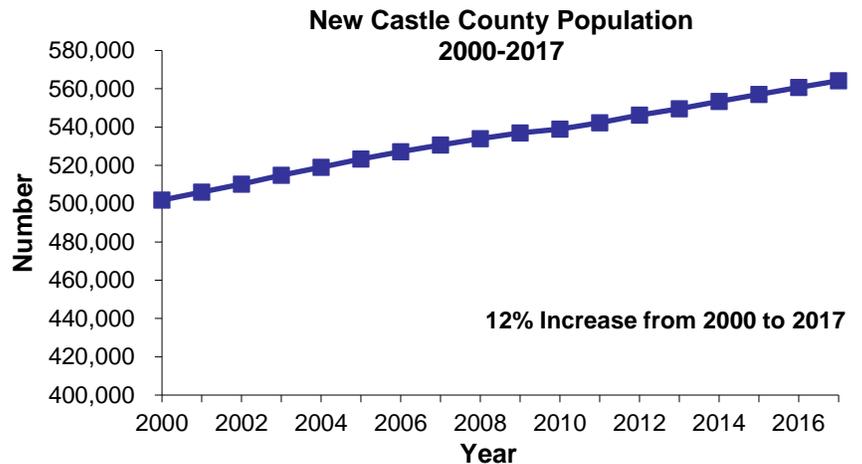
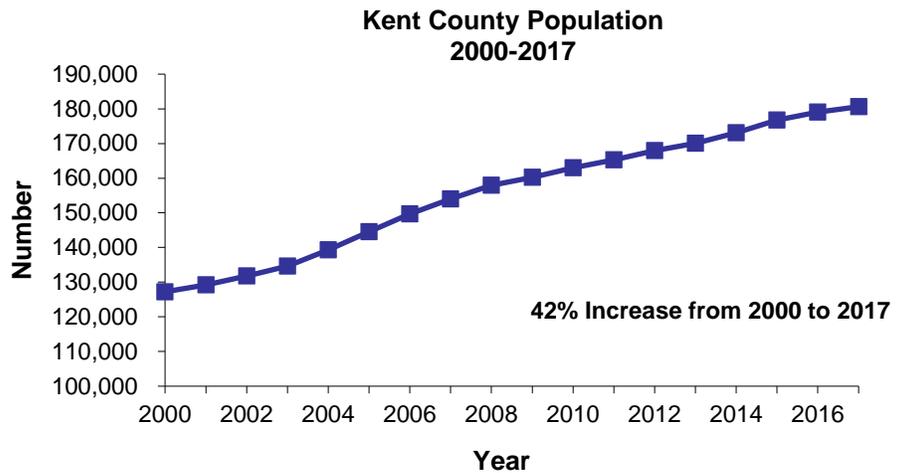


Figure 5. Resident Population by County, Delaware, 2000-2017



Source: Delaware Department of Health and Social Services, Division of Public Health, Health Statistics Center

Source: Delaware Department of Health and Social Services, Division of Public Health, Health Statistics Center

TABLE A-1. PERCENT CHANGE IN POPULATION BY SEX, COUNTY, CITY OF DOVER, CITY OF NEWARK, AND CITY OF WILMINGTON, DELAWARE, 1970-2020

Area/ Sex	1970	1980	% Change 1970-1980	1990	% Change 1980-1990	2000	% Change 1990-2000	2010	% Change 2000-2010	2020*	% Change 2010-2020	% Change 2000-2020
Delaware	548,104	594,338	8.4	666,168	12.1	786,393	18.0	899,778	14.4	989,665	10.0	25.8
Male	267,332	286,599	7.2	322,966	12.7	381,690	18.2	435,775	14.2	479,759	10.1	25.7
Female	280,772	307,739	9.6	343,202	11.5	404,703	17.9	464,003	14.7	509,906	9.9	26.0
Kent	81,892	98,219	19.9	110,993	13.0	127,230	14.6	162,978	28.1	184,920	13.5	45.3
Male	41,337	48,254	16.7	54,300	12.5	61,325	12.9	78,407	27.9	88,513	12.9	44.3
Female	40,555	49,965	23.2	56,693	13.5	65,905	16.2	84,571	28.3	96,407	14.0	46.3
Dover	17,488	23,512	34.4	27,630	17.5	32,135	16.3	36,050	12.2	39,069	8.4	21.6
Male	8,319	11,695	40.6	13,408	14.6	15,114	12.7	16,739	10.8	18,157	8.5	20.1
Female	9,169	11,817	28.9	14,222	20.4	17,021	19.7	19,311	13.5	20,912	8.3	22.9
New Castle	385,856	398,115	3.2	441,946	11.0	501,846	13.6	538,912	7.4	574,407	6.6	14.5
Male	187,124	191,176	2.2	213,869	11.9	243,587	13.9	260,704	7.0	279,153	7.1	14.6
Female	198,732	206,939	4.1	228,077	10.2	258,259	13.2	278,208	7.7	295,254	6.1	14.3
Newark	20,757	25,247	21.6	26,463	4.8	28,457	7.5	31,522	10.8	32,881	4.3	15.5
Male	10,242	11,993	17.1	12,408	3.5	13,085	5.5	14,714	12.4	15,388	4.6	17.6
Female	10,515	13,254	26.0	14,055	6.0	15,372	9.4	16,808	9.3	17,493	4.1	13.8
Wilmington	80,386	70,195	-12.7	71,529	1.9	72,730	1.7	71,613	-1.5	74,434	3.9	2.3
Male	36,968	31,458	-14.9	33,249	5.7	34,759	4.5	34,034	-2.1	35,591	4.6	2.4
Female	43,418	38,737	-10.8	38,280	-1.2	37,971	-0.8	37,579	-1.0	38,843	3.4	2.3
Sussex	80,356	98,004	22.0	113,229	15.5	157,317	38.9	197,888	25.8	230,338	16.4	46.4
Male	38,871	47,169	21.3	54,797	16.2	76,778	40.1	96,664	25.9	112,093	16.0	46.0
Female	41,485	50,835	22.5	58,432	14.9	80,539	37.8	101,224	25.7	118,245	16.8	46.8

Note:

*Numbers for this year are projections.

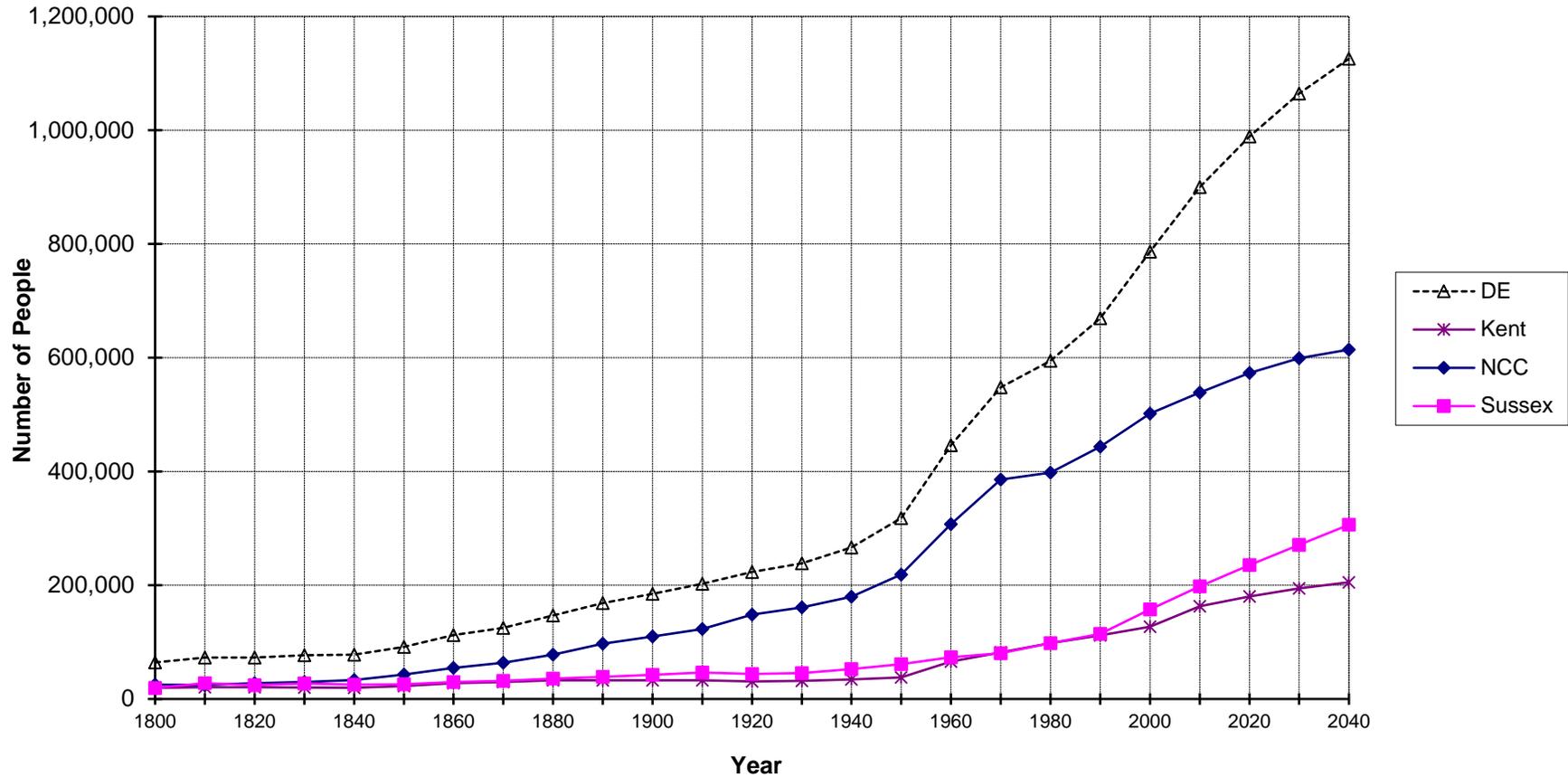
Sources:

Delaware Department of Health and Social Services, Division of Public Healths, Delaware Health Statistics Center

Delaware Population Consortium

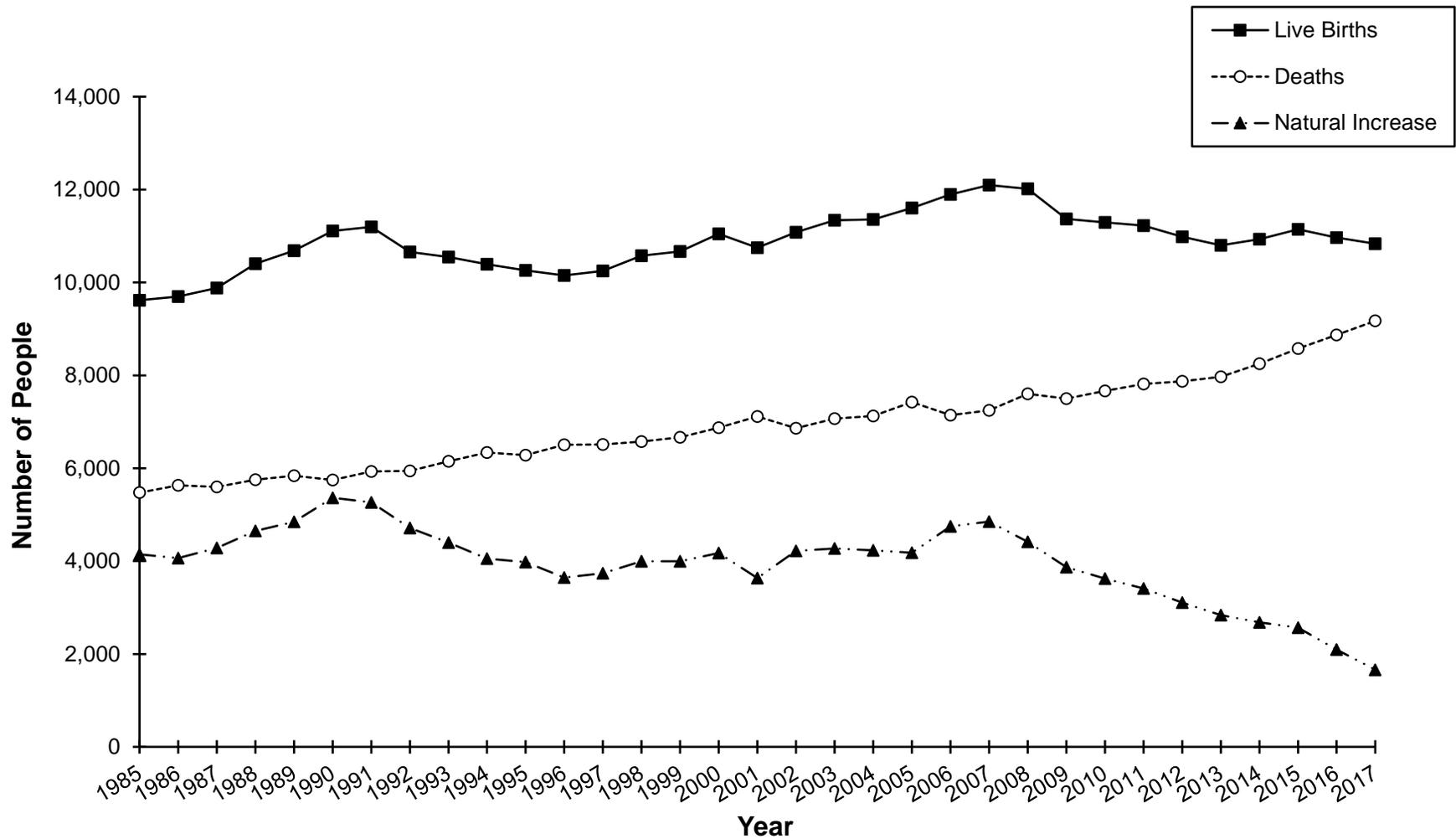
U.S. Bureau of the Census

Figure A-1. Population Growth, Delaware and Counties, 1800-2040



Sources: Delaware Department of Health and Social Services, Division of Public Health, Delaware Health Statistics Center
 Delaware Population Consortium

Figure A-2. Live Births, Deaths, and Natural Increase, Delaware, 1985-2017



Source: Delaware Department of Health and Social Services, Division of Public Health, Delaware Health Statistics Center

TABLE A-2. POPULATION ESTIMATES BY SEX, RACE AND AGE, COUNTY, CITY OF DOVER, CITY OF NEWARK, AND CITY OF WILMINGTON, DELAWARE, 2017

Area/ Sex/Race	Age																		
	Total	0-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-44	45-49	50-54	55-59	60-64	65-69	70-74	75-79	80-84	85+
Delaware	967,813	56,057	58,878	59,989	60,688	63,234	68,379	60,536	59,861	56,227	63,254	66,980	67,534	60,592	55,015	40,326	29,074	19,900	21,289
Male	469,127	28,307	29,890	30,531	30,770	31,914	34,216	30,407	29,526	27,376	30,499	32,486	32,117	28,527	25,637	18,214	12,908	8,411	7,391
Non-Hispanic White	290,299	15,280	14,624	15,181	16,410	17,445	19,156	17,148	16,934	16,152	19,092	21,491	22,730	21,105	19,665	14,543	10,306	6,843	6,194
Non-Hispanic Black	100,417	7,449	7,449	7,274	7,856	8,538	8,621	6,534	6,059	5,471	6,629	6,926	6,260	4,969	4,221	2,578	1,734	1,053	796
Female	498,686	27,750	28,988	29,458	29,458	29,918	31,320	34,163	30,129	30,335	28,851	32,755	34,944	35,417	32,065	29,378	22,112	16,166	11,489
Non-Hispanic White	309,697	14,979	13,980	14,586	15,773	17,392	19,776	16,815	17,264	16,888	20,063	22,206	24,476	23,033	22,024	17,060	12,705	9,237	11,440
Non-Hispanic Black	111,720	7,340	7,207	7,030	7,700	8,248	8,473	7,107	6,996	6,502	7,889	8,347	7,688	6,461	5,284	3,586	2,419	1,620	1,823
Kent	180,610	11,428	12,485	13,192	13,725	13,450	13,657	10,859	11,446	12,794	13,034	11,689	10,609	8,689	7,215	5,744	4,621	3,167	2,806
Male	86,443	5,713	6,309	6,604	6,869	6,673	6,723	5,277	5,410	6,115	6,197	5,564	5,089	4,041	3,290	2,527	1,975	1,221	846
Non-Hispanic White	53,386	3,435	3,464	3,784	4,029	3,734	3,308	3,053	3,667	4,351	4,327	3,622	3,328	2,613	2,041	1,783	1,387	871	589
Non-Hispanic Black	22,059	1,580	1,657	1,575	1,786	1,982	2,425	1,371	995	1,118	1,317	1,406	1,325	1,050	965	609	423	282	193
Female	94,167	5,715	6,176	6,588	6,856	6,777	6,934	5,582	6,036	6,679	6,837	6,125	5,520	4,648	3,925	3,217	2,646	1,946	1,960
Non-Hispanic White	56,668	3,437	3,384	3,600	3,961	3,785	3,226	3,263	3,758	4,583	4,502	3,876	3,442	2,779	2,401	2,042	1,813	1,414	1,402
Non-Hispanic Black	24,854	1,594	1,540	1,665	1,697	1,979	2,738	1,469	1,426	1,306	1,579	1,609	1,502	1,397	1,124	842	599	393	395
Male	274,110	16,745	17,387	17,792	18,175	19,372	21,868	19,026	18,234	16,086	18,253	19,475	18,915	16,385	13,848	8,725	5,963	3,955	3,906
Non-Hispanic White	156,506	8,430	7,769	7,985	8,785	9,834	12,299	10,254	9,426	8,379	10,343	11,976	12,640	11,535	9,955	6,359	4,381	2,993	3,163
Non-Hispanic Black	65,295	4,796	4,769	4,684	5,106	5,570	5,208	4,309	4,254	3,720	4,548	4,635	4,099	3,166	2,697	1,599	1,034	631	470
Female	290,083	16,355	16,855	17,007	17,434	18,745	21,973	18,706	18,686	16,760	19,551	20,616	20,823	18,411	15,918	11,083	7,794	5,669	7,697
Non-Hispanic White	166,612	8,228	7,418	7,694	8,382	9,770	13,070	9,722	9,719	8,500	10,804	12,229	13,503	12,435	11,067	7,938	5,661	4,269	6,203
Non-Hispanic Black	72,959	4,702	4,656	4,442	5,037	5,289	4,849	4,754	4,757	4,516	5,424	5,761	5,149	4,250	3,476	2,247	1,485	1,022	1,143
Male	35,289	2,716	2,629	2,438	2,267	2,214	2,455	2,918	3,029	2,228	2,172	2,283	2,190	1,920	1,515	968	593	389	365
Non-Hispanic White	10,527	493	500	352	279	272	410	1,211	1,247	908	789	773	759	759	657	487	270	166	195
Non-Hispanic Black	19,033	1,606	1,553	1,511	1,527	1,564	1,621	1,221	1,266	972	1,072	1,217	1,228	974	723	399	261	189	129
Female	38,592	2,726	2,636	2,384	2,259	2,212	2,285	3,062	3,132	2,336	2,427	2,475	2,503	2,238	1,813	1,366	991	727	1,020
Non-Hispanic White	10,619	495	484	353	313	262	384	1,143	1,166	762	664	624	683	759	697	573	401	285	571
Non-Hispanic Black	22,273	1,628	1,581	1,504	1,478	1,566	1,538	1,456	1,467	1,224	1,432	1,573	1,589	1,276	992	689	510	381	389
Sussex	223,010	11,529	12,151	11,998	11,354	11,667	10,881	11,945	11,495	10,587	12,416	15,200	17,187	17,107	18,034	14,774	10,696	7,109	6,880
Male	108,574	5,849	6,194	6,135	5,726	5,869	5,625	6,104	5,882	5,175	6,049	7,447	8,113	8,101	8,499	7,769	7,985	8,785	9,834
Non-Hispanic White	80,407	3,415	3,391	3,412	3,596	3,877	3,549	3,841	3,841	3,422	4,422	5,893	6,762	6,957	7,669	6,401	4,538	2,979	2,442
Non-Hispanic Black	13,063	1,073	1,023	1,015	964	986	988	854	810	633	764	885	836	753	559	370	277	140	133
Female	114,436	5,680	5,957	5,863	5,628	5,798	5,256	5,841	5,613	5,412	6,367	7,753	9,074	9,006	9,535	7,812	5,726	3,874	4,241
Non-Hispanic White	86,417	3,314	3,178	3,292	3,430	3,837	3,480	3,830	3,787	3,805	4,757	6,101	7,531	7,819	8,556	7,080	5,231	3,554	3,835
Non-Hispanic Black	13,907	1,044	1,011	923	966	980	886	884	813	680	886	977	1,037	814	684	497	335	205	285

Sources: Delaware Department of Health and Social Services, Division of Public Health, Delaware Health Statistics Center
Delaware Population Consortium

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Marriage & Divorce

MARRIAGE AND DIVORCE

In 2017 there were 5,071 marriages and 2,851 divorces in Delaware. Over half of all divorces in 2017 were of marriages that lasted less than 10 years.

Marriage

Male

Youngest: 17
Oldest: 94

Female

Youngest: 16
Oldest: 83

Marriage with the greatest age difference between bride and groom: 59 years.

Most popular month to get married: October.

Divorce

Male

Youngest: 19
Oldest: 89

Female

Youngest: 18
Oldest: 83

Shortest duration of marriage: 47 days

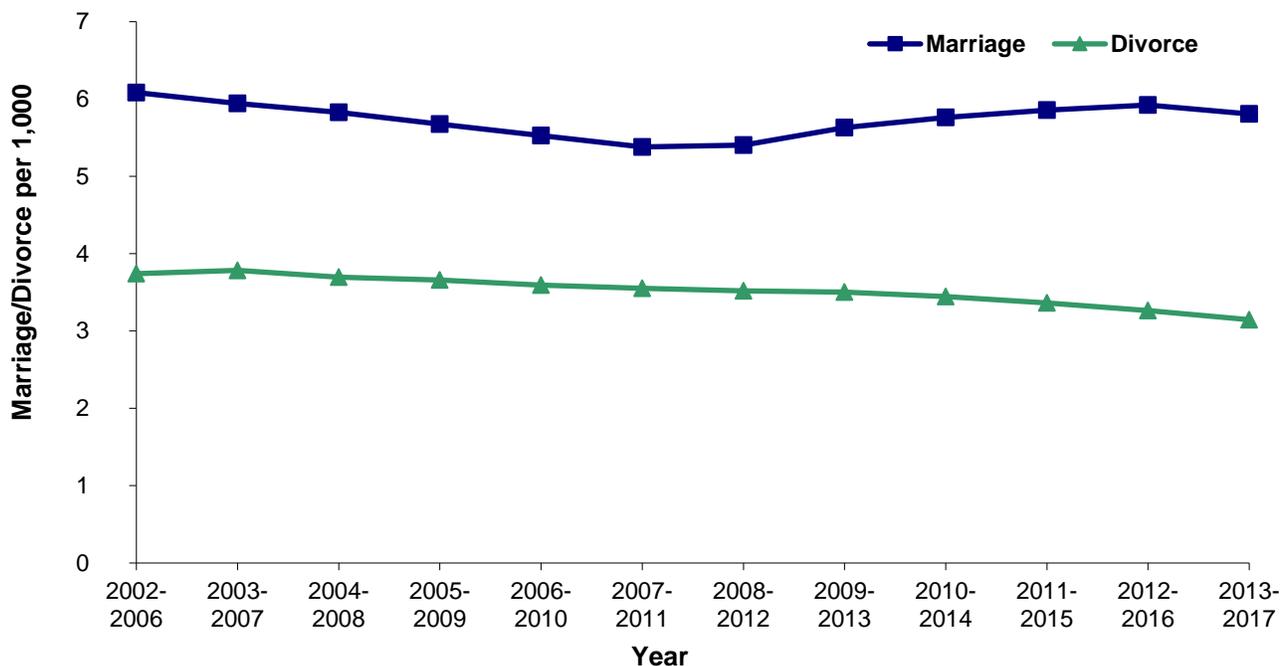
Longest duration of marriage: 59 years

Median duration of marriage: 10 years

Total children under 18 years of age: 1,794

Between 2002-2006 and 2013-2017, the five-year average marriage rate decreased from 6.1 to 5.8 marriages per 1,000 population. The five-year average divorce rate declined 16 percent from 3.7 in 2002-2006 to 3.1 divorces per 1,000 population in 2013-2017.

Figure 7. Five-year Average Marriage and Divorce Rates, per 1,000 Population, Delaware, 2002-2017



Source: Delaware Department of Health and Social Services, Division of Public Health, Delaware Health Statistics Center

TABLE B-1 NUMBER OF MARRIAGES BY PLACE OF CEREMONY U.S., DELAWARE AND COUNTIES, 2002-2017

Year	U.S.	Delaware	Kent	New Castle	Sussex
2002	2,290,000	5,171	1,015	2,899	1,257
2003	2,245,000	4,923	923	2,784	1,216
2004	2,279,000	5,088	998	2,801	1,289
2005	2,249,000	5,018	973	2,726	1,319
2006	2,193,000	5,105	993	2,754	1,358
2007	2,197,000	4,970	944	2,670	1,356
2008	2,157,000	4,828	984	2,429	1,415
2009	2,080,000	4,772	930	2,491	1,351
2010	2,096,000	4,677	908	2,384	1,385
2011	2,118,000	4,727	927	2,421	1,379
2012	2,131,000	5,314	932	2,701	1,681
2013	2,081,301	6,086	972	3,007	2,107
2014	2,140,272	5,633	946	2,759	1,928
2015	2,221,579	5,404	887	2,688	1,829
2016	2,251,411	5,344	888	2,777	1,679
2017	2,236,496	5,071	911	2,559	1,601

Note:

U.S. numbers are based on National Center for Health Statistics (NCHS) estimate.

Sources: National Center for Health Statistics

Delaware Health and Social Services, Division of Public Health, Delaware Health Statistics Center

TABLE B-2. FIVE-YEAR AVERAGE MARRIAGE RATES PER 1,000 POPULATION BY PLACE OF CEREMONY BY COUNTY, U.S., DELAWARE, 2002-2017

Years	U.S.	Delaware	Kent	New Castle	Sussex
2002-2006	7.7	6.1	7.0	5.4	7.4
2003-2007	7.6	5.9	6.7	5.3	7.4
2004-2008	7.4	5.8	6.6	5.1	7.4
2005-2009	7.2	5.7	6.3	4.9	7.3
2006-2010	7.1	5.5	6.1	4.8	7.2
2007-2011	6.9	5.4	5.9	4.6	7.1
2008-2012	6.8	5.4	5.7	4.6	7.3
2009-2013	6.7	5.6	5.6	4.8	7.9
2010-2014	6.7	5.8	5.6	4.9	8.3
2011-2015	6.8	5.9	5.5	4.9	8.6
2012-2016	6.8	5.9	5.3	5.0	8.7
2013-2017	6.9	5.8	5.2	5.0	8.5

Note:

U.S. rates are based on NCHS estimate.

Sources: National Center for Health Statistics

Delaware Department of Health and Social Services, Division of Public Health, Delaware Health Statistics Center

TABLE B-3. NUMBER AND PERCENT OF MARRIAGES BY RACE OF GROOM AND BRIDE, DELAWARE, 2017

Race of Groom	Race of bride											
	Non-Hispanic White		Non-Hispanic Black		Non-Hispanic American Indian		Non-Hispanic Asian/Pacific Islander		Non-Hispanic Other		Hispanic	
	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent
Non-Hispanic White	2,885	90.1	64	6.5	5	18.5	69	41.8	80	22.9	45	13.4
Non-Hispanic Black	150	4.7	891	90.0	1	3.7	13	7.9	37	10.6	23	6.8
Non-Hispanic American Indian	4	0.1	5	0.5	20	74.1	1	0.6	0	0.0	2	0.6
Non-Hispanic Asian/Pacific Islander	22	0.7	1	0.1	0	0.0	75	45.5	5	1.4	1	0.3
Non-Hispanic Other	71	2.2	19	1.9	0	0.0	4	2.4	227	64.9	6	1.8
Hispanic	70	2.2	10	1.0	1	3.7	3	1.8	1	0.3	260	77.2

Notes:

1. Percentages may not add to 100% due to rounding.
2. Percentages are calculated based upon the total number of marriages in each race of bride.

Source: Delaware Department of Health and Social Services, Division of Public Health, Delaware Health Statistics Center

TABLE B-4. NUMBER AND PERCENT OF MARRIAGES BY PREVIOUS MARITAL STATUS AND RACE OF BRIDE AND GROOM, DELAWARE, 2017

Previous Marital Status	Race					
	All Races		White NonHispanic		Black NonHispanic	
	Number	Percent	Number	Percent	Number	Percent
Groom						
Single	3,443	67.9	2,120	67.3	696	62.4
Widowed	80	1.6	63	2.0	15	1.3
Divorced	1,548	30.5	965	30.7	404	36.2
Bride						
Single	3,501	69.0	2,151	67.2	684	69.1
Widowed	75	1.5	52	1.6	18	1.8
Divorced	1,495	29.5	999	31.2	288	29.1

Notes:

1. Percentages may not add to 100% due to rounding.
2. Percentages are calculated based upon the total number of marriages in each race.
3. "All Races" includes "Other" and "Unknown" race categories.

Source: Delaware Department of Health and Social Services, Division of Public Health, Delaware Health Statistics Center

TABLE B-5. NUMBER AND PERCENT OF MARRIAGES BY MARRIAGE ORDER, TYPE OF CEREMONY, AND RACE OF BRIDE AND GROOM, DELAWARE, 2017

Marriage Order	Type of Ceremony	Race					
		All Races		White NonHispanic		Black NonHispanic	
		Number	Percent	Number	Percent	Number	Percent
Groom							
First Marriage	Civil	2,404	69.8	1,690	79.7	392	56.3
	Religious	1,039	30.2	430	20.3	304	43.7
Remarriage	Civil	1,077	66.2	763	74.2	233	55.6
	Religious	551	33.8	265	25.8	186	44.4
Bride							
First Marriage	Civil	2,476	70.7	1,752	81.5	385	56.3
	Religious	1,025	29.3	399	18.5	299	43.7
Remarriage	Civil	1,005	64.0	764	72.7	147	48.0
	Religious	565	36.0	287	27.3	159	52.0

Notes:

1. Percentages may not add to 100% due to rounding.
2. Percentages are calculated based upon the total number of marriages in each marriage order category and race.
3. "All Races" includes "Other" and "Unknown" race categories.

Source: Delaware Department of Health and Social Services, Division of Public Health, Delaware Health Statistics Center

TABLE B-6. MEDIAN AND MEAN AGE OF BRIDE AND GROOM BY MARRIAGE ORDER AND RACE, DELAWARE, 2017

Marriage Order	Race					
	All Races		Non-Hispanic White		Non-Hispanic Black	
	Median	Mean	Median	Mean	Median	Mean
Groom						
First Marriage	30	32	29	31	32	34
Remarriage	47	48	48	49	48	48
Bride						
First Marriage	28	30	28	29	31	33
Remarriage	44	45	45	45	45	45

Note:

"All Races" includes "Other" and "Unknown" race categories.

Source: Department of Delaware Health and Social Services, Division of Public Health, Delaware Health Statistics Center

TABLE B-7. NUMBER AND PERCENT OF MARRIAGES BY MARRIAGE ORDER, AGE, AND RACE OF BRIDE AND GROOM, DELAWARE, 2017

Marriage Order	Age	Race						
		All Races		Non-Hispanic White		Non-Hispanic Black		
		Number	Percent	Number	Percent	Number	Percent	
Groom								
All Marriages	<20	38	0.7	18	0.6	6	0.5	
	20-29	1,716	33.8	1,126	35.8	283	25.4	
	30-39	1,664	32.8	1,008	32.0	347	31.1	
	40-49	787	15.5	425	13.5	242	21.7	
	50-64	678	13.4	428	13.6	200	17.9	
	65+	188	3.7	143	4.5	37	3.3	
	Unk	0	0.0	0	0.0	0	0.0	
	First Marriage	<20	38	1.1	18	0.8	6	0.9
		20-29	1,641	47.7	1,080	50.9	268	38.5
		30-39	1,311	38.1	783	36.9	273	39.2
40-49		283	8.2	131	6.2	98	14.1	
50-64		145	4.2	93	4.4	42	6.0	
65+		25	0.7	15	0.7	9	1.3	
Remarriage	Unk	0	0.0	0	0.0	0	0.0	
	<20	0	0.0	0	0.0	0	0.0	
	20-29	75	4.6	46	4.5	15	3.6	
	30-39	353	21.7	225	21.9	74	17.7	
	40-49	504	31.0	294	28.6	144	34.4	
	50-64	533	32.7	335	32.6	158	37.7	
	65+	163	10.0	128	12.5	28	6.7	
	Unk	0	0.0	0	0.0	0	0.0	
Bride								
All Marriages	<20	93	1.8	58	1.8	11	1.1	
	20-29	2,087	41.2	1,398	43.7	303	30.6	
	30-39	1,544	30.4	918	28.7	324	32.7	
	40-49	688	13.6	368	11.5	199	20.1	
	50-64	541	10.7	366	11.4	134	13.5	
	65+	118	2.3	94	2.9	19	1.9	
	Unk	0	0.0	0	0.0	0	0.0	
	First Marriage	<20	93	2.7	58	2.7	11	1.6
		20-29	1,976	56.4	1,311	60.9	291	42.5
		30-39	1,057	30.2	612	28.5	233	34.1
40-49		229	6.5	84	3.9	100	14.6	
50-64		127	3.6	74	3.4	42	6.1	
65+		19	0.5	12	0.6	7	1.0	
Remarriage	Unk	0	0.0	0	0.0	0	0.0	
	<20	0	0.0	0	0.0	0	0.0	
	20-29	111	7.1	87	8.3	12	3.9	
	30-39	487	31.0	306	29.1	91	29.7	
	40-49	459	29.2	284	27.0	99	32.4	
	50-64	414	26.4	292	27.8	92	30.1	
	65+	99	6.3	82	7.8	12	3.9	
Unk	0	0.0	0	0.0	0	0.0		

Notes:

1. Percentages may not add to 100% due to rounding.
2. Percentages are calculated based upon the total number of marriages in each marriage order category and race.
3. "All Races" includes "Other" and "Unknown" race categories.
4. "All Marriages" includes unknown number of this marriage.

Source: Delaware Department of Health and Social Services, Division of Public Health, Delaware Health Statistics Center

TABLE B-8. NUMBER OF MARRIAGES BY MARRIAGE ORDER AND AGE OF BRIDE, BY MARRIAGE ORDER, AND BY AGE OF GROOM DELAWARE, 2017

Marriage Order of Groom	Age of Groom \ Age of Bride	Marriage Order of Bride														
		First Marriage							Remarriage							
		<20	20-29	30-39	40-49	50-64	65+	Unk	<20	20-29	30-39	40-49	50-64	65+	Unk	
First Marriage	<20	22	15	1	0	0	0	0	0	0	0	0	0	0	0	0
	20-29	66	1,328	146	4	0	0	0	0	43	41	10	3	0	0	0
	30-39	1	459	573	33	3	1	0	0	30	167	40	3	1	0	0
	40-49	0	18	85	58	11	0	0	0	3	35	57	15	1	0	0
	50-64	0	2	11	15	44	1	0	0	0	6	19	45	2	0	0
	65+	0	0	0	0	6	9	0	0	0	0	0	5	5	0	0
	Unk	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Remarriage	<20	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	20-29	2	39	8	1	0	0	0	0	16	8	1	0	0	0	0
	30-39	2	75	105	8	0	0	0	0	14	117	26	6	0	0	0
	40-49	0	27	92	68	9	0	0	0	2	88	179	37	2	0	0
	50-64	0	10	35	35	41	2	0	0	3	23	120	250	14	0	0
	65+	0	3	1	7	13	6	0	0	0	2	7	50	74	0	0
	Unk	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Source: Delaware Department of Health and Social Services, Division of Public Health, Delaware Health Statistics Center

TABLE B-9. NUMBER AND PERCENT OF MARRIAGES BY MONTH OF CEREMONY, DELAWARE, 2017

Month	Number	Percent
January	241	4.8
February	273	5.4
March	347	6.8
April	432	8.5
May	586	11.6
June	606	12.0
July	504	9.9
August	453	8.9
September	598	11.8
October	585	11.5
November	356	7.0
December	90	1.8
Total	5,071	100.0

Notes:

1. Percentages may not add to 100% due to rounding.
2. Percentages are calculated based upon the total number of marriages.

Source: Delaware Department of Health and Social Services, Division of Public Health, Delaware Health Statistics Center

TABLE B-10. NUMBER AND PERCENT OF MARRIAGES BY DAY OF WEEK CEREMONY PERFORMED, DELAWARE, 2017

Day	Number	Percent
Sunday	342	6.7
Monday	264	5.2
Tuesday	282	5.6
Wednesday	680	13.4
Thursday	321	6.3
Friday	899	17.7
Saturday	2,283	45.0
Total	5,071	100.0

Notes:

1. Percentages may not add to 100% due to rounding.
2. Percentages are calculated based upon the total number of marriages.

Source: Delaware Department of Health and Social Services, Division of Public Health, Delaware Health Statistics Center

TABLE B-11. NUMBER OF DIVORCES/ANNULMENTS* BY PLACE OF DECREE, DELAWARE AND COUNTIES, 2002-2017

Year	Delaware	Kent	New Castle	Sussex
2002	2,792	714	1,392	686
2003	3,178	673	1,834	671
2004	3,108	701	1,744	663
2005	3,250	708	1,753	789
2006	3,239	673	1,836	730
2007	3,215	721	1,771	723
2008	3,057	704	1,753	600
2009	3,169	694	1,795	680
2010	3,152	690	1,771	691
2011	3,230	706	1,766	758
2012	3,239	742	1,843	654
2013	3,133	729	1,607	797
2014	3,047	659	1,717	671
2015	2,954	632	1,590	732
2016	2,932	676	1,637	619
2017	2,851	611	1,557	683

Note:

*Annulments represent less than 0.3% of the totals.

Source: Delaware Department of Health and Social Services, Division of Public Health, Delaware Health Statistics Center

TABLE B-12. FIVE-YEAR AVERAGE DIVORCE/ANNULMENT* RATES PER 1,000 POPULATION BY PLACE OF DECREE BY COUNTY, DELAWARE, 2002-2017

Years	Delaware	Kent	New Castle	Sussex
2002-2006	3.7	5.0	3.3	4.1
2003-2007	3.8	4.8	3.4	4.0
2004-2008	3.7	4.7	3.4	3.8
2005-2009	3.7	4.6	3.4	3.8
2006-2010	3.6	4.4	3.3	3.6
2007-2011	3.6	4.4	3.3	3.5
2008-2012	3.5	4.3	3.3	3.4
2009-2013	3.5	4.3	3.2	3.6
2010-2014	3.4	4.2	3.2	3.5
2011-2015	3.4	4.1	3.1	3.5
2012-2016	3.3	4.0	3.0	3.3
2013-2017	3.1	3.8	2.9	3.3

Note:

*Annulments represent less than 0.3% of the totals.

Source: Delaware Department of Health and Social Services, Division of Public Health, Delaware Health Statistics Center

TABLE B-13. NUMBER OF DIVORCES/ANNULMENTS* BY RACE OF WIFE AND RACE OF HUSBAND, DELAWARE, 2017

Race of Husband	Race of Wife								
	White	Black	American Indian	Chinese	Hawaiian	Filipino	Other Asian	Other Race	Not Classifiable
White	1,590	35	6	2	0	9	15	39	18
Black	99	666	3	0	1	5	2	23	11
American Indian	2	0	0	0	0	0	0	0	1
Chinese	0	1	0	9	0	0	0	0	1
Hawaiian	1	0	0	0	0	0	0	2	0
Filipino	3	0	0	0	0	6	1	1	0
Other Asian	5	4	0	0	0	0	38	1	0
Other Race	62	20	1	0	0	2	1	110	4
Not Classifiable	9	7	0	0	0	0	1	3	31

Notes:

*Annulments represent less than 0.3% of the totals.

Source: Delaware Department of Health and Social Services, Division of Public Health, Delaware Health Statistics Center

TABLE B 14. MEAN AND MEDIAN AGE OF HUSBAND AND WIFE AT TIME OF DIVORCE DECREE BY NUMBER OF THIS MARRIAGE AND RACE OF HUSBAND AND WIFE, DELAWARE, 2017

Number of Marriage	All Races		Non-Hispanic White		Non-Hispanic Black	
	Median	Mean	Median	Mean	Median	Mean
Husband						
All Marriages	44	44	42	43	42	43
First Marriage	40	41	39	40	39	40
Second Marriage	49	50	50	50	47	48
Third Marriage+	55	55	52	53	52	51
Not Stated	47	47	44	48	52	50
Wife						
All Marriages	41	42	40	41	41	41
First Marriage	38	39	37	38	37	39
Second Marriage	47	47	46	47	48	47
Third Marriage+	51	51	51	51	50	48
Not Stated	44	44	46	46	43	41

Notes:

1. See Definitions Section for explanation of the mean and median.
2. "All Races" includes "Other" and "Unknown" race categories.
3. "All Marriages" includes unknown number of this marriage.

Source: Delaware Department of Health and Social Services, Division of Public Health, Delaware Health Statistics Center

TABLE B-15. NUMBER AND PERCENT OF DIVORCES/ANNULMENTS* BY MARRIAGE ORDER, AGE OF HUSBAND AND WIFE AT TIME OF DIVORCE DECREE AND RACE OF HUSBAND AND WIFE, DELAWARE, 2017

Marriage Order	Age	Husband's Race						Wife's Race					
		All Races		Non-Hispanic White		Non-Hispanic Black		All Races		Non-Hispanic White		Non-Hispanic Black	
		Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent
All Marriages	<20	1	0.0	1	0.1	0	0.0	4	0.1	1	0.1	1	0.3
	20-29	275	9.6	124	12.2	41	9.6	382	13.4	175	16.9	43	11.3
	30-39	775	27.2	291	28.7	129	30.2	863	30.3	333	32.2	133	34.9
	40-49	896	31.4	306	30.2	145	34.0	819	28.7	277	26.8	109	28.6
	50-64	718	25.2	226	22.3	96	22.5	628	22.0	200	19.3	82	21.5
	65+	158	5.5	65	6.4	11	2.6	96	3.4	39	3.8	6	1.6
	Unk	28	1.0	1	0.1	5	1.2	59	2.1	10	1.0	7	1.8
First Marriage	<20	1	0.1	1	0.1	0	0.0	4	0.2	1	0.1	1	0.4
	20-29	259	13.5	122	17.2	37	12.9	345	18.4	163	22.6	38	15.0
	30-39	644	33.7	240	33.8	110	38.3	666	35.5	267	37.0	110	43.3
	40-49	590	30.9	213	30.0	90	31.4	502	26.8	174	24.1	65	25.6
	50-64	352	18.4	112	15.8	45	15.7	286	15.3	96	13.3	32	12.6
	65+	50	2.6	22	3.1	3	1.0	36	1.9	17	2.4	3	1.2
	Unk	16	0.8	1	0.1	2	0.7	35	1.9	4	0.6	5	2.0
Second Marriage	<20	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
	20-29	8	1.3	2	0.9	3	3.0	17	2.8	10	4.3	1	1.1
	30-39	94	14.9	42	18.3	17	17.0	119	19.8	51	22.1	16	18.4
	40-49	225	35.8	69	30.0	44	44.0	218	36.3	86	37.2	31	35.6
	50-64	234	37.2	92	40.0	30	30.0	198	33.0	65	28.1	35	40.2
	65+	67	10.7	25	10.9	6	6.0	40	6.7	16	6.9	3	3.4
	Unk	1	0.2	0	0.0	0	0.0	8	1.3	3	1.3	1	1.1
Third Marriage and more	<20	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
	20-29	1	0.6	0	0.0	1	3.1	2	1.1	1	1.5	0	0.0
	30-39	12	6.7	7	10.9	2	6.3	26	14.1	12	17.6	4	16.7
	40-49	41	22.8	21	32.8	9	28.1	52	28.1	14	20.6	8	33.3
	50-64	92	51.1	19	29.7	18	56.3	87	47.0	34	50.0	12	50.0
	65+	33	18.3	17	26.6	2	6.3	15	8.1	6	8.8	0	0.0
	Unk	1	0.6	0	0.0	0	0.0	3	1.6	1	1.5	0	0.0
Not Stated	<20	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
	20-29	7	5.4	0	0.0	0	0.0	18	9.4	1	7.1	4	25.0
	30-39	25	19.2	2	22.2	0	0.0	52	27.1	3	21.4	3	18.8
	40-49	40	30.8	3	33.3	2	25.0	47	24.5	3	21.4	5	31.3
	50-64	40	30.8	3	33.3	3	37.5	57	29.7	5	35.7	3	18.8
	65+	8	6.2	1	11.1	0	0.0	5	2.6	0	0.0	0	0.0
	Unk	10	7.7	0	0.0	3	37.5	13	6.8	2	14.3	1	6.3

Notes:

1. Percentages may not add to 100% due to rounding.
2. Percentages are calculated based upon the total number of divorces in each marriage order category and race.
3. "All Races" includes "Other" and "Unknown" race categories.
4. "All Marriages" includes unknown number of this marriage.

Source: Delaware Department of Health and Social Services, Division of Public Health, Delaware Health Statistics Center

TABLE B-16. MEDIAN AND MEAN DURATION OF MARRIAGE IN YEARS AT TIME OF DIVORCE DECREE BY NUMBER OF THIS MARRIAGE AND RACE OF HUSBAND AND WIFE, DELAWARE, 2017

Number of Marriage	All Races		Non-Hispanic White		Non-Hispanic Black	
	Median	Mean	Median	Mean	Median	Mean
Husband						
All Marriages	9.5	12.0	9.5	12.4	7.6	9.4
First Marriage	10.2	12.8	9.8	12.9	7.9	10.0
Second Marriage	9.0	10.8	10.1	11.7	7.0	8.5
Third Marriage+	6.9	8.7	7.4	8.8	5.7	6.8
Not Stated	9.5	11.4	9.5	10.7	9.8	10.9
Wife						
All Marriages	9.5	12.0	9.5	12.3	7.5	9.6
First Marriage	10.6	12.9	10.1	13.1	8.5	10.5
Second Marriage	8.2	11.0	8.4	11.0	6.0	8.6
Third Marriage+	6.0	8.1	7.7	9.0	4.5	4.6
Not Stated	8.6	10.5	9.9	9.6	6.4	8.9

Notes:

1. See Definitions Section for explanation of the mean and median.
2. "All Races" includes "Other" and "Unknown" race categories.
3. "All Marriages" includes unknown number of this marriage.

Source: Delaware Department of Health and Social Services, Division of Public Health, Delaware Health Statistics Center

TABLE B-17. NUMBER AND PERCENT OF DIVORCES/ANNULMENTS* BY MARRIAGE ORDER, DURATION OF THIS MARRIAGE, AND RACE OF HUSBAND AND WIFE, DELAWARE, 2017

Marriage Order	Duration of this Marriage	Husband's Race						Wife's Race					
		All Races		Non-Hispanic White		Non-Hispanic Black		All Races		Non-Hispanic White		Non-Hispanic Black	
		Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent
All Marriages	<1	75	2.6	19	1.9	16	3.7	75	2.6	20	1.9	13	3.4
	1-4	676	23.7	253	25.0	114	26.7	676	23.7	264	25.5	106	27.8
	5-9	703	24.7	247	24.4	134	31.4	703	24.7	250	24.2	111	29.1
	10-14	481	16.9	164	16.2	73	17.1	481	16.9	165	15.9	66	17.3
	15-19	352	12.3	132	13.0	48	11.2	352	12.3	135	13.0	44	11.5
	20-24	233	8.2	82	8.1	20	4.7	233	8.2	82	7.9	22	5.8
	25-29	122	4.3	48	4.7	7	1.6	122	4.3	49	4.7	6	1.6
	30+	161	5.6	64	6.3	7	1.6	161	5.6	64	6.2	7	1.8
First Marriage	Not Stated	48	1.7	5	0.5	8	1.9	48	1.7	6	0.6	6	1.6
	<1	41	2.1	11	1.5	11	3.8	39	2.1	12	1.7	9	3.5
	1-4	415	21.7	174	24.5	64	22.3	401	21.4	171	23.7	58	22.8
	5-9	477	24.9	172	24.2	95	33.1	441	23.5	172	23.8	74	29.1
	10-14	306	16.0	104	14.6	48	16.7	330	17.6	115	15.9	48	18.9
	15-19	257	13.4	96	13.5	36	12.5	252	13.4	95	13.2	36	14.2
	20-24	167	8.7	63	8.9	17	5.9	164	8.8	56	7.8	15	5.9
	25-29	89	4.7	33	4.6	7	2.4	92	4.9	42	5.8	5	2.0
Second Marriage	30+	133	7.0	55	7.7	5	1.7	129	6.9	55	7.6	6	2.4
	Not Stated	27	1.4	3	0.4	4	1.4	26	1.4	4	0.6	3	1.2
	<1	21	3.3	5	2.2	4	4.0	18	3.0	6	2.6	1	1.1
	1-4	164	26.1	57	24.8	34	34.0	160	26.7	65	28.1	34	39.1
	5-9	150	23.8	52	22.6	28	28.0	153	25.5	58	25.1	22	25.3
	10-14	135	21.5	48	20.9	21	21.0	98	16.3	35	15.2	16	18.4
	15-19	63	10.0	29	12.6	7	7.0	65	10.8	28	12.1	6	6.9
	20-24	41	6.5	16	7.0	3	3.0	48	8.0	23	10.0	6	6.9
Third Marriage and more	25-29	25	4.0	13	5.7	0	0.0	21	3.5	6	2.6	1	1.1
	30+	22	3.5	8	3.5	2	2.0	24	4.0	8	3.5	1	1.1
	Not Stated	8	1.3	2	0.9	1	1.0	13	2.2	2	0.9	0	0.0
	<1	9	5.0	3	4.7	1	3.1	12	6.5	2	2.9	3	12.5
	1-4	63	35.0	19	29.7	14	43.8	67	36.2	24	35.3	11	45.8
	5-9	51	28.3	21	32.8	10	31.3	52	28.1	17	25.0	8	33.3
	10-14	25	13.9	11	17.2	4	12.5	27	14.6	12	17.6	1	4.2
	15-19	14	7.8	5	7.8	3	9.4	12	6.5	8	11.8	0	0.0
Not Stated	20-24	13	7.2	3	4.7	0	0.0	7	3.8	3	4.4	0	0.0
	25-29	2	1.1	1	1.6	0	0.0	3	1.6	1	1.5	0	0.0
	30+	3	1.7	1	1.6	0	0.0	3	1.6	1	1.5	0	0.0
	Not Stated	0	0.0	0	0.0	0	0.0	2	1.1	0	0.0	1	4.2
	<1	4	3.1	0	0.0	0	0.0	6	3.2	0	0.0	0	0.0
	1-4	34	26.2	3	33.3	2	25.0	48	25.9	4	28.6	3	18.8
	5-9	25	19.2	2	22.2	1	12.5	57	30.8	3	21.4	7	43.8
	10-14	15	11.5	1	11.1	0	0.0	26	14.1	3	21.4	1	6.3
15-19	18	13.8	2	22.2	2	25.0	23	12.4	4	28.6	2	12.5	
20-24	12	9.2	0	0.0	0	0.0	14	7.6	0	0.0	1	6.3	
25-29	6	4.6	1	11.1	0	0.0	6	3.2	0	0.0	0	0.0	
30+	3	2.3	0	0.0	0	0.0	5	2.7	0	0.0	0	0.0	
Not Stated	13	10.0	0	0.0	3	37.5	7	3.8	0	0.0	2	12.5	

Notes:

1. Percentages may not add to 100% due to rounding.
2. Percentages are calculated based upon the total number of divorces in each marriage order category and race.
3. "All Races" includes "Other" and "Unknown" race categories.
4. "All Marriages" includes unknown number of this marriage.

Source: Delaware Department of Health and Social Services, Division of Public Health, Delaware Health Statistics Center

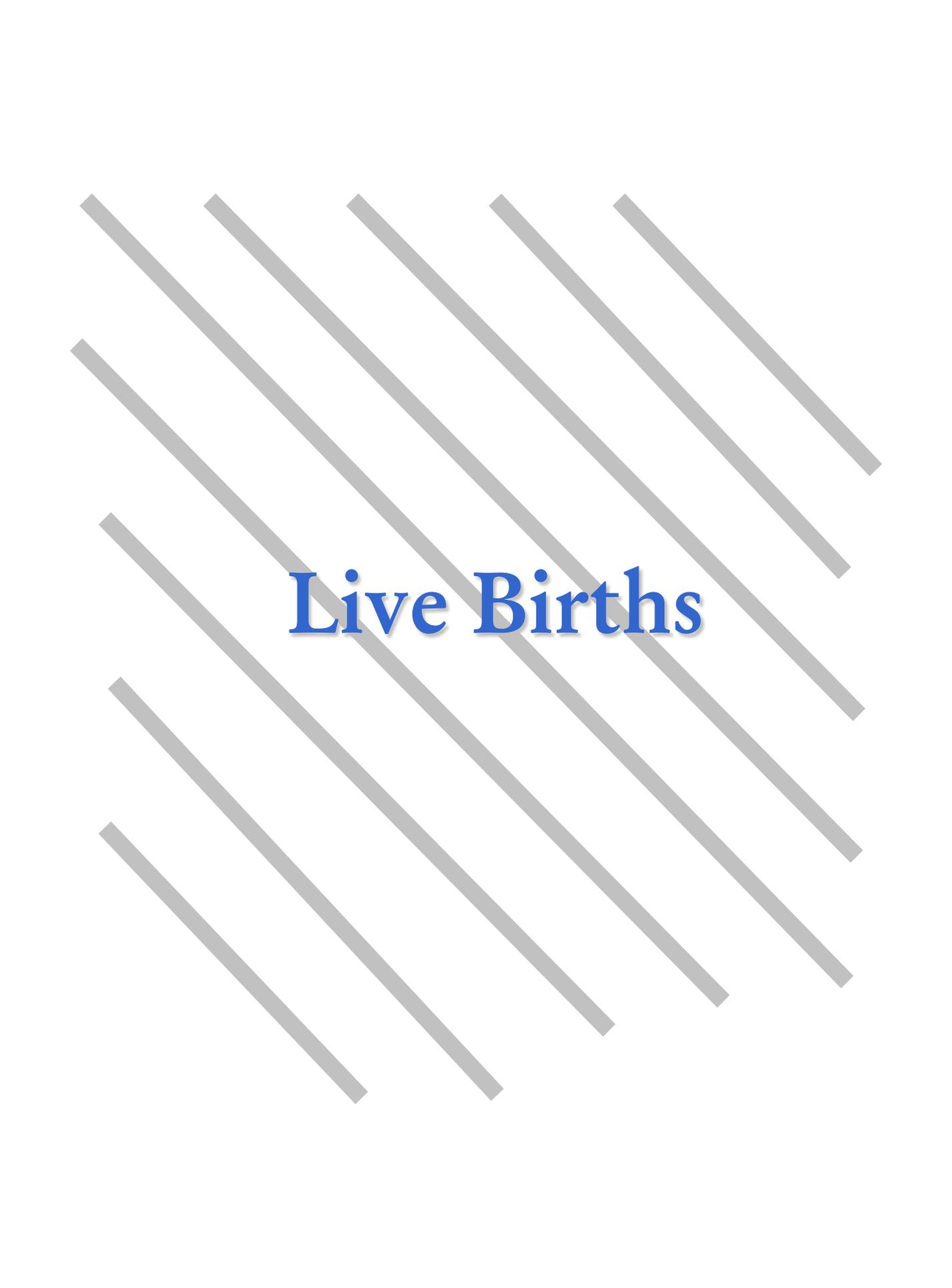
TABLE B-18. NUMBER AND PERCENT OF DIVORCES BY RACE OF HUSBAND AND WIFE AND NUMBER OF CHILDREN UNDER 18, DELAWARE, 2017

Number of Children Under 18	Race									
	All Races		Non-Hispanic White		Non-Hispanic Black		Non-Hispanic Other		HISPANIC	
	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent
Husband	2,851	100.0	1,014	100.0	427	100.0	75	100.0	1,335	100.0
None	1,358	47.6	469	46.3	212	49.6	46	61.3	631	47.3
1	432	15.2	174	17.2	62	14.5	11	14.7	185	13.9
2	388	13.6	164	16.2	57	13.3	7	9.3	160	12.0
3	130	4.6	55	5.4	25	5.9	0	0.0	50	3.7
4	28	1.0	6	0.6	10	2.3	0	0.0	12	0.9
5+	15	0.5	8	0.8	4	0.9	1	1.3	2	0.1
Unknown	500	17.5	138	13.6	57	13.3	10	13.3	295	22.1
Wife	2,851	100.0	1,035	100.0	381	100.0	75	100.0	1,360	100.0
None	1,358	47.6	473	45.7	198	52.0	44	58.7	643	47.3
1	432	15.2	181	17.5	47	12.3	16	21.3	188	13.8
2	388	13.6	172	16.6	42	11.0	8	10.7	166	12.2
3	130	4.6	53	5.1	24	6.3	1	1.3	52	3.8
4	28	1.0	6	0.6	9	2.4	2	2.7	11	0.8
5+	15	0.5	7	0.7	3	0.8	1	1.3	4	0.3
Unknown	500	17.5	143	13.8	58	15.2	3	4.0	296	21.8

Notes:

1. Percentages may not add to 100% due to rounding.
2. Percentages are calculated based upon the total number of divorces in each race category.
3. "All Races" includes "Other" and "Unknown" race categories.

Source: Delaware Department of Health and Social Services, Division of Public Health, Delaware Health Statistics Center

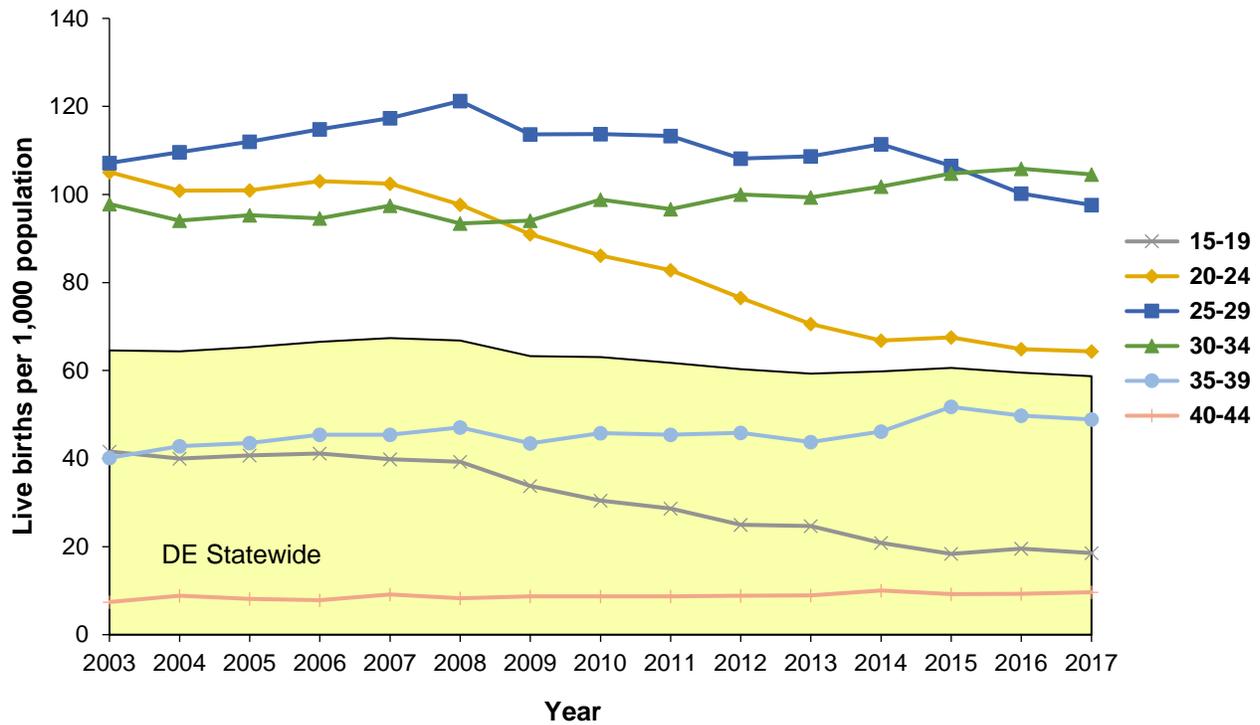
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Live Births

In 2017, there were 11,265 births in Delaware; 10,305 were to Delaware residents and 960 were to non-residents. Additionally 530 births to Delaware residents occurred out of state, for a total of 10,835 Delaware resident births, 132 fewer Delaware resident births than in 2016.

The recent national declines in general fertility and live birth rates were also apparent in Delaware statistics. From 2007 to 2017, the general fertility rate (number of births per 1,000 women aged 15-44 years) declined from a high of 67.4 to 58.7 births per 1,000 women aged 15-44. The birth rate of teens (15-19) exhibited the largest decline at 54 percent, followed by a 37 percent decrease for women aged 20-24. Although the general fertility rate in Delaware has declined steadily since 2007, the birth rate for women 30 and older has increased. From 2007 to 2017, the birth rate for women aged 30-34 increased 7 percent. During this same time period women aged 35-39 had a 8 percent birth rate increase, while for women aged 40-44 the birth rate increased 6 percent.

Figure 8. Annual Fertility and Age-Specific Live Birth Rates, Delaware, 2003-2017



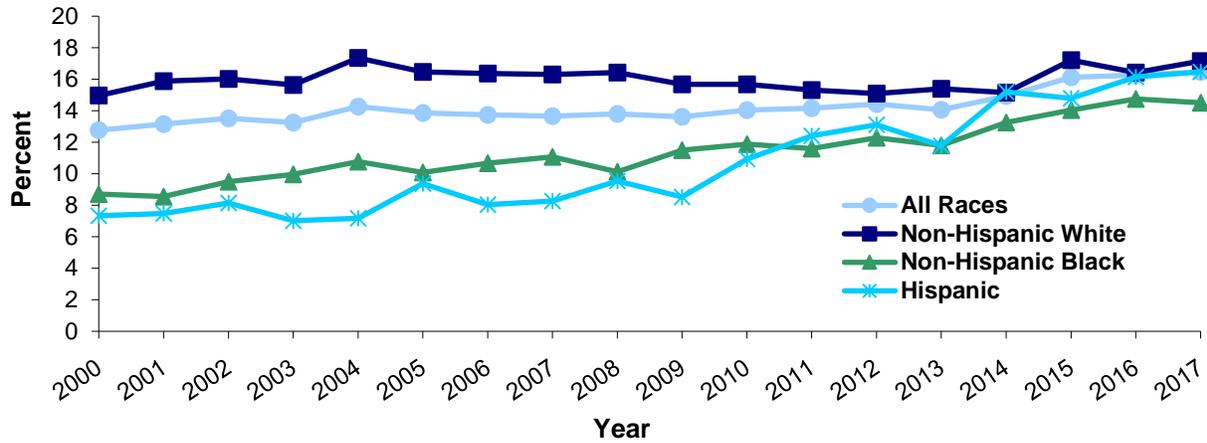
Source: Delaware Department of Health and Social Services, Division of Public Health, Delaware Health Statistics Center

From 2013 to 2017, the decline in the number of births seen in teens aged 15-19 was apparent in both the 15-17 and 18-19 age groups. Birth rates among teens aged 15-17 decreased 23 percent while birth rates among teens 18-19 fell 25 percent. In the 2013-2017 time period, Sussex County had the highest birth rate for teens in both age groups, followed by Kent County.

To view long-term birth rate trends by more detailed age and race categories, see Tables C-5 through C-8 in the Live Births section of the annual report.

Between 2000 and 2004, the percentage of births to women aged 35 or older exhibited a clear upward trend. The percentage fluctuated until 2014 when it reached 14.9. Since then, it increased to 16.5 percent in 2017, a 30 percent increase from 2000. Hispanic mothers aged 35 and older had the greatest percentage increase in births from 7.3 in 2000 to 16.5 in 2017.

Figure 9. Annual Percentage of Live Births to Women 35 or Older by Race and Hispanic Origin*, Delaware, 2000-2017

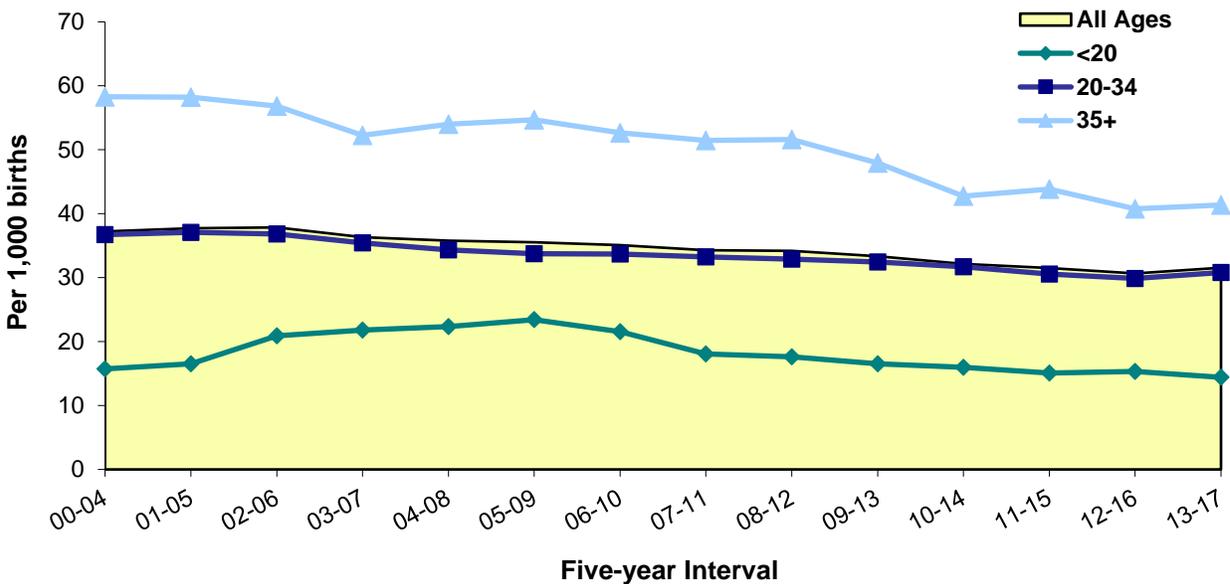


* Hispanic can be of any race

Source: Delaware Department of Health and Social Services, Division of Public Health, Delaware Health Statistics Center

For mothers of all ages, the rate of plural births decreased 15 percent between 2000-2004 and 2013-2017. In 2013-2017, older mothers (35+) had the highest plural birth rates, at 41 multiples per 1,000 births, almost three times that of mothers under 20, and 34 percent higher than mothers 20-34.

Figure 10. Five-year Average Plural Birth Rate by Age of Mother, Delaware, 2000-2017



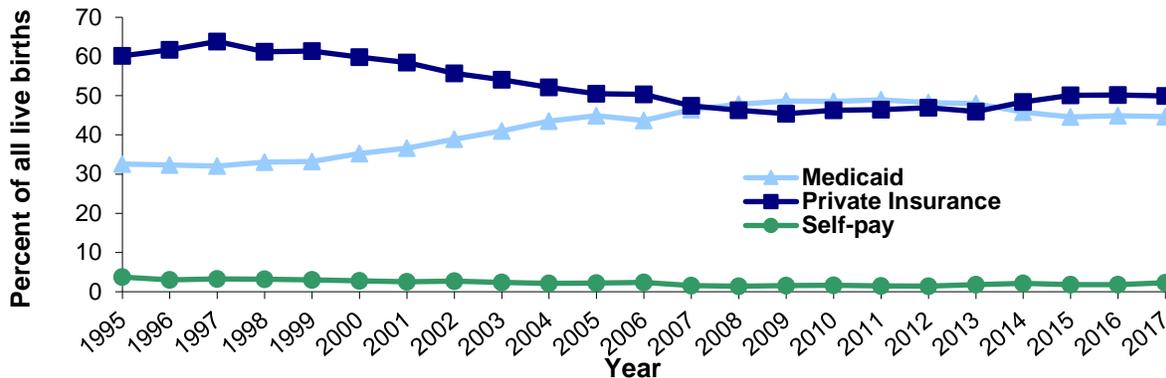
Source: Delaware Department of Health and Social Services, Division of Public Health, Delaware Health Statistics Center

LIVE BIRTHS

In 2017, private insurance or Medicaid were listed as the primary source of payment in 95 percent of all live births; the remaining 5 percent were split between other government coverage and self-pay.

- In 2017, private insurance paid for 12 percent more births than Medicaid.
- Medicaid was still the primary source of payment for the majority of mothers under 20, covering 80.2 percent of non-Hispanic black mothers, and 66.1 percent of non-Hispanic white mothers in that age group.

Figure 11. Percentage of Births by Source of Payment for Delivery, Delaware, 1995-2017

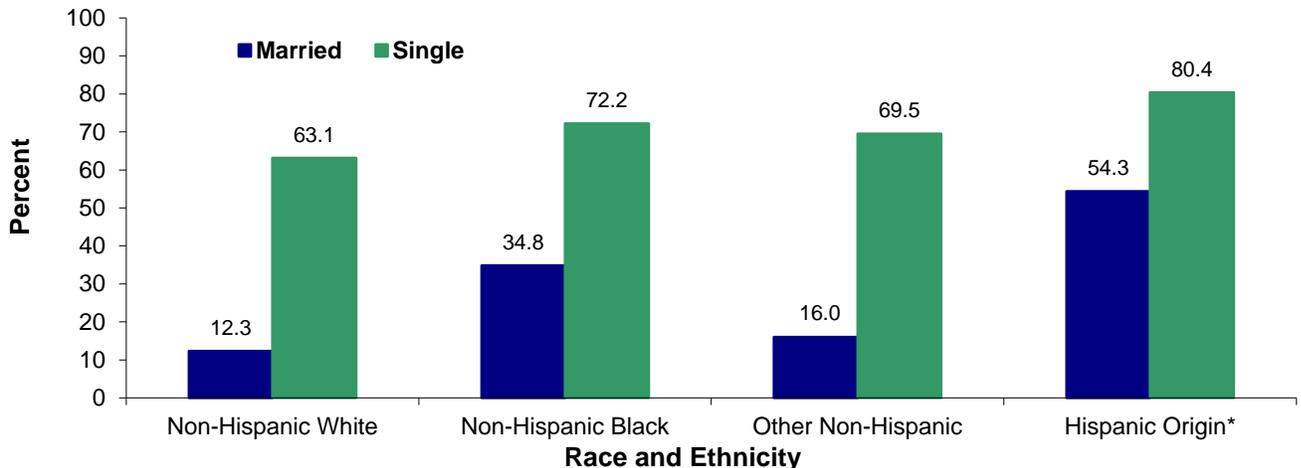


Source: Delaware Health and Social Services, Division of Public Health, Delaware Health Statistics Center

The primary source of payment for delivery varies tremendously based on marital status:

- The number of single non-Hispanic white women who used Medicaid as their primary source of payment (63.1 percent) was five times that of non-Hispanic white married women (12.3 percent).
- The number of single non-Hispanic black women who used Medicaid as their primary source of payment (72.2 percent) was almost double that of non-Hispanic black married women (34.8 percent).
- The number of single women of other non-Hispanic races who used Medicaid as their primary source of payment (69.5 percent) was more than four times higher than among married women of other non-Hispanic races (16 percent).
- The number of single Hispanic women who used Medicaid as their primary source of payment (80.4 percent) was 48 percent higher than Hispanic married women (54.3 percent).

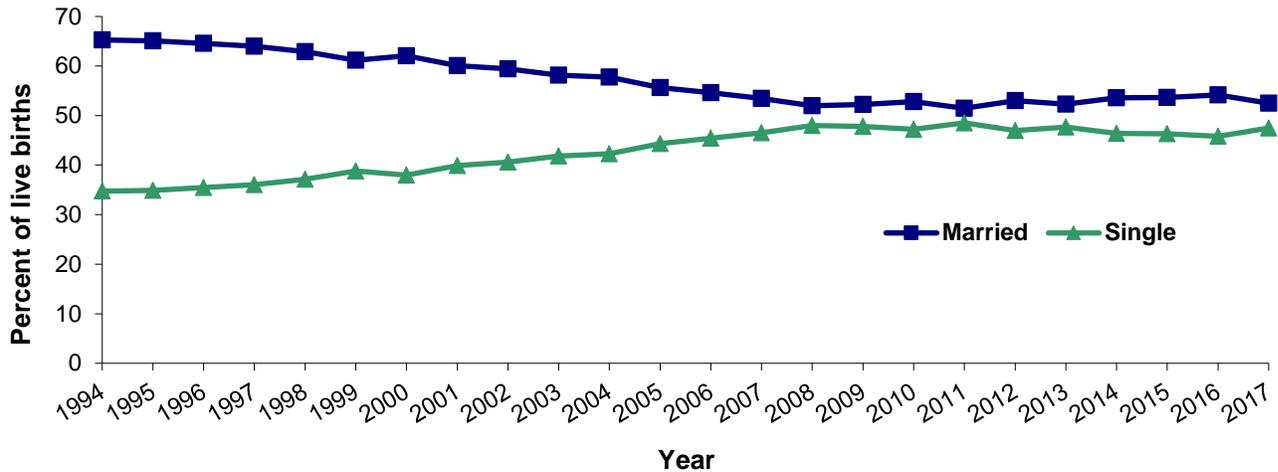
Figure 12. Percentage of Births by Race, Hispanic Origin, Marital Status, and Medicaid as Primary Source of Payment, Delaware, 2017



Source: Delaware Department of Health and Social Services, Division of Public Health, Delaware Health Statistics Center

After increasing steadily from 1994 to 2008, the percentage of births to unmarried women stabilized with only a one percent decrease from 2008-2017. Births to married women decreased steadily from 1994 to 2008 but stabilized ending with a one percent increase from 2008 to 2017. In 2017, 47.5 percent of all births were to unmarried women.

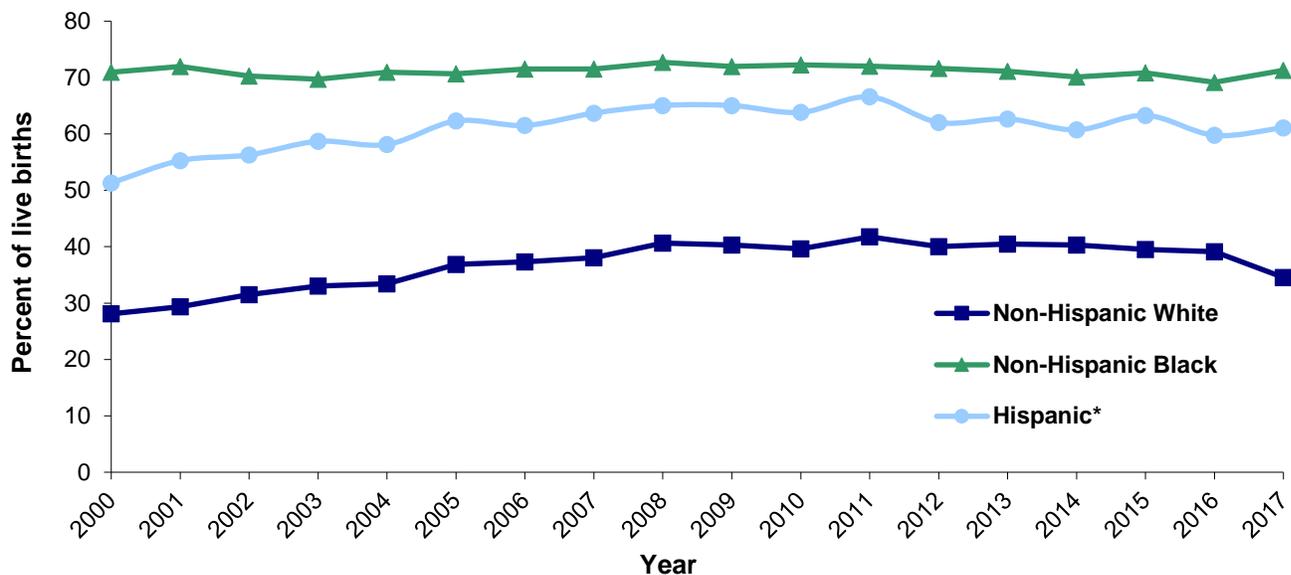
Figure 13. Annual Percentage of Births by Mother's Marital Status, Delaware, 1994-2017



Source: Delaware Department of Health and Social Services, Division of Public Health, Delaware Health Statistics Center

In 2017, 35 percent of births were to single non-Hispanic white women, an increase from 28 percent in 2000. The percentage of births to single Hispanic women increased from 51 percent in 2000 to 61 percent in 2017. Unmarried non-Hispanic black women had the highest percentage of births from 2000 to 2017, remaining stable at approximately 70 percent during that time period.

Figure 14. Percentage of Live Births to Unmarried Women by Race and Ethnicity, Delaware, 2000-2017

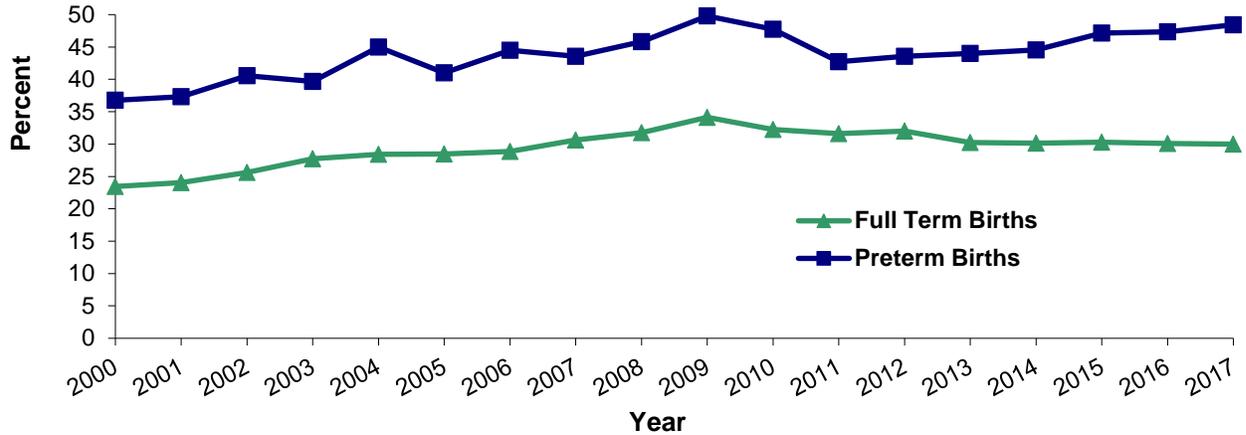


* Note: Hispanic may be of any race.

Source: Delaware Department of Health and Social Services, Division of Public Health, Delaware Health Statistics Center

From 2000 to 2017, the percentage of cesarean deliveries increased 28 percent, to 31.8 per 100 live births, whereas vaginal births decreased only 9 percent. Since 2000, the percentage of cesarean deliveries increased for both preterm (<37 weeks gestation) and term (37+ weeks gestation) births. The percentage of C-sections for preterm births remained higher at 48.4 per 100 preterm births, versus 30 per 100 term births in 2017.

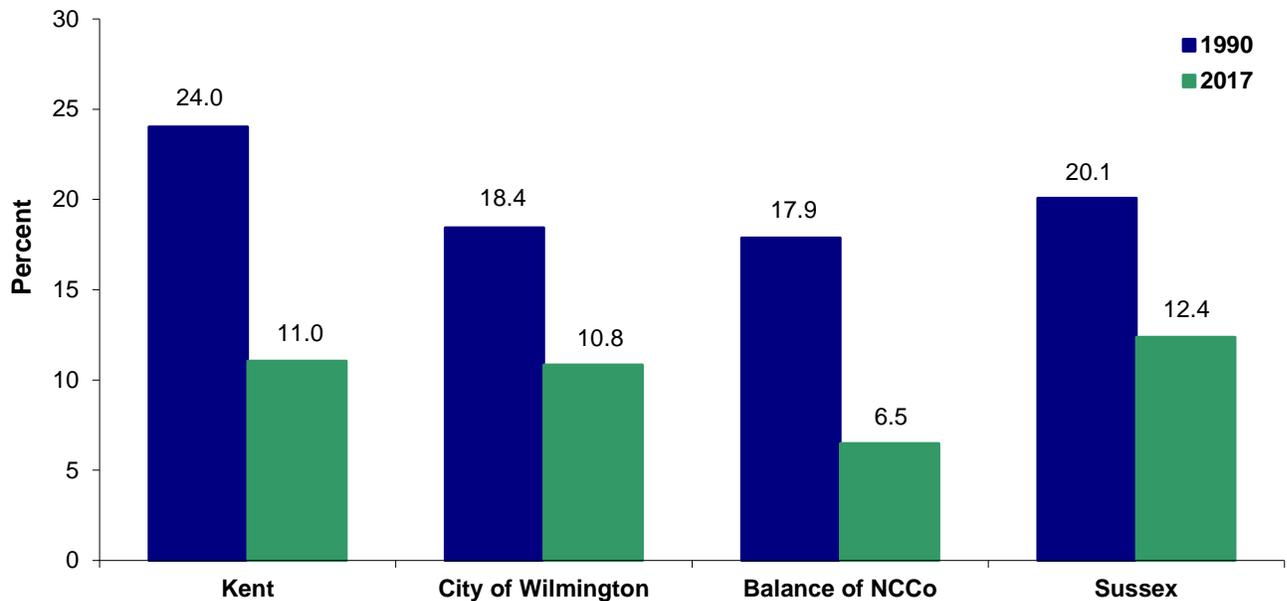
Figure 15. Annual Percentage of Cesarean Deliveries by Gestational Category, Delaware, 2000-2017



Source: Delaware Department of Health and Social Services, Division of Public Health, Delaware Health Statistics Center

From 1990 to 2017, the percentage of Delaware mothers who used tobacco while pregnant decreased in all three counties and the city of Wilmington. In 2017, Sussex County had the highest percentage of mother who smoked while pregnant at 12.4 whereas New Castle had the lowest percentage at 7.2.

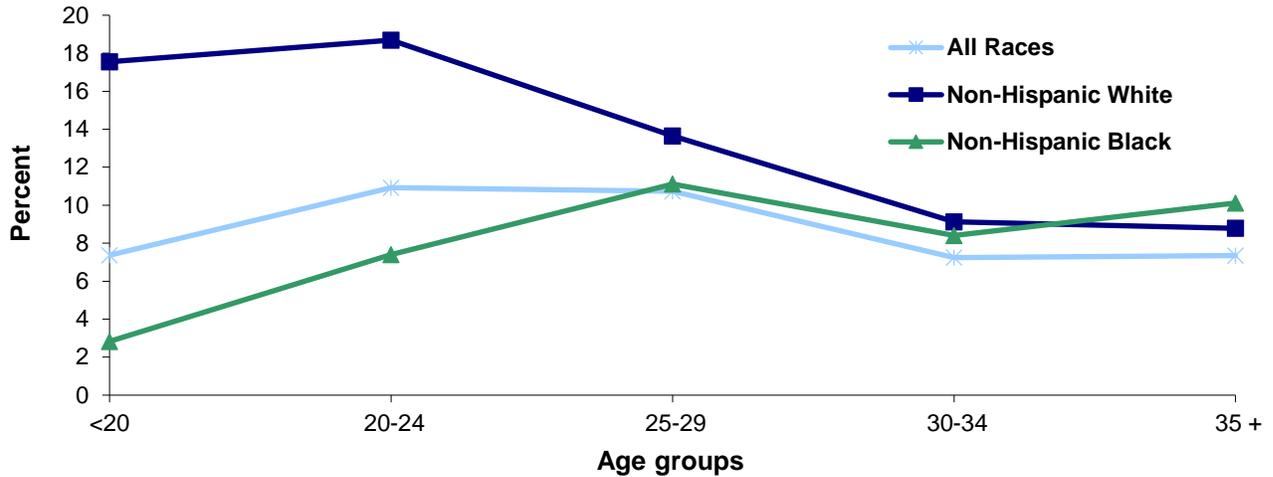
Figure 16. Percentage of Mothers who Smoked while Pregnant, Delaware Counties and City of Wilmington, 1990 and 2017



Source: Delaware Department of Health and Social Services, Division of Public Health, Delaware Health Statistics Center

Non-Hispanic white mothers younger than 35 were more likely to smoke while pregnant than non-Hispanic black mothers in the same age group. Non-Hispanic black mothers older than 35 were more likely to smoke while pregnant than non-Hispanic white mothers.

Figure 17. Percentage of Mothers who Smoked While Pregnant, by Age Group and Race, Delaware, 2017

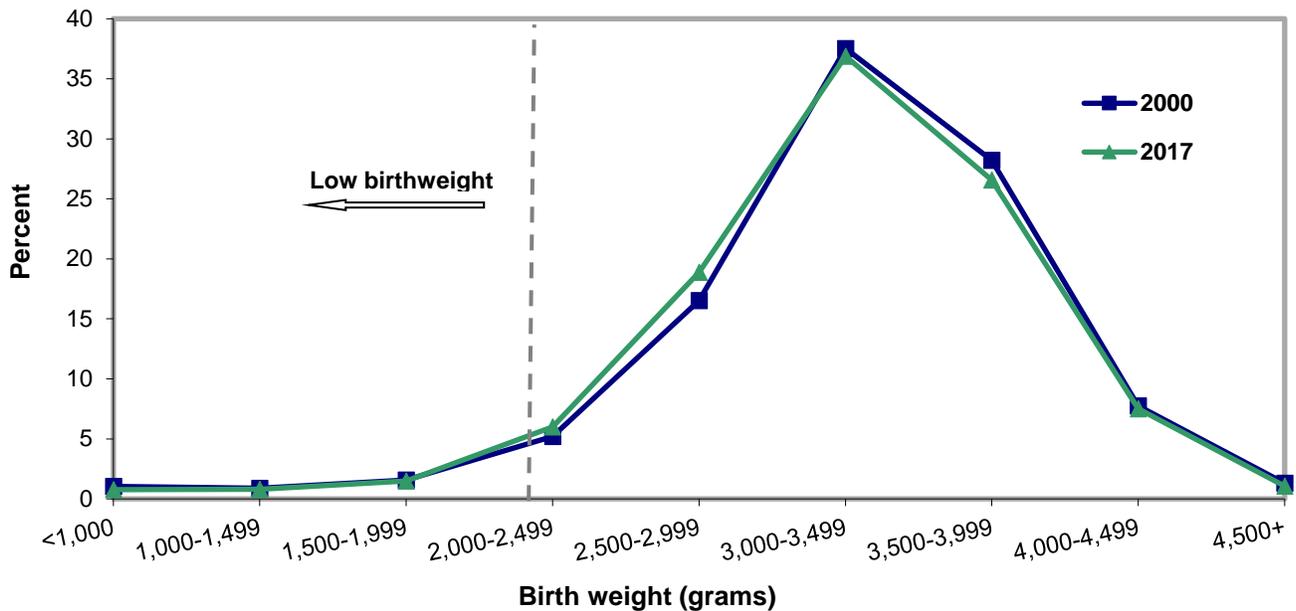


Source: Delaware Department of Health and Social Services, Division of Public Health, Delaware Health Statistics Center

In 2017, 15.0 percent of Delaware women who smoked while pregnant gave birth to low birthweight babies (< 2,500 grams), versus the significantly lower percentage (8.6) of non-smokers who gave birth to low birthweight babies.

The percent distribution of births by birthweight did not differ significantly between 2000 and 2017. The greatest percentage of births fell within the 3,000 to 3,499 gram range.

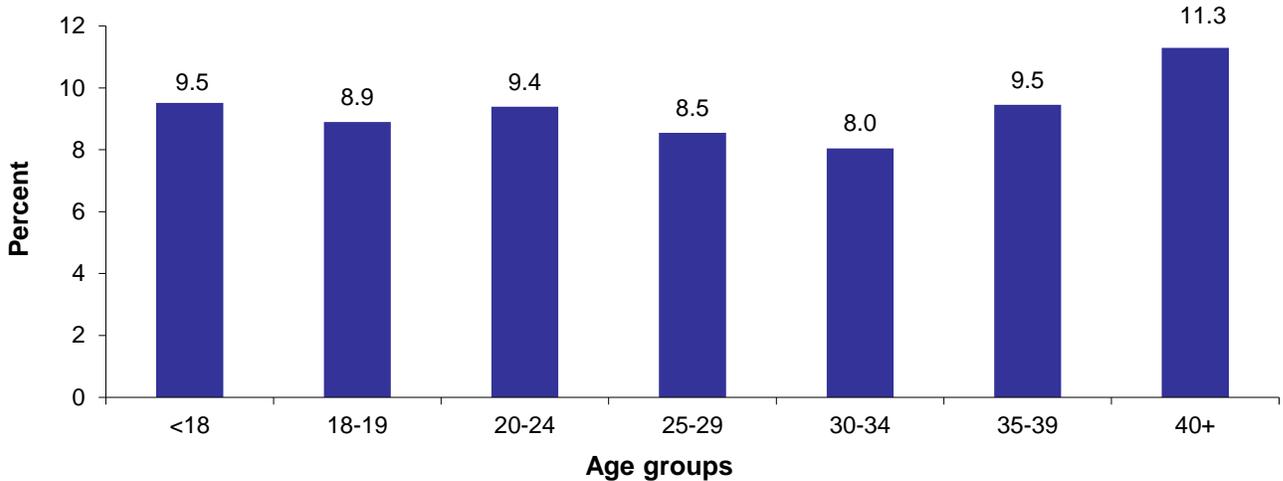
Figure 18. Percent Distribution of Births by Birthweight, Delaware, 2000 and 2017



Source: Delaware Department of Health and Social Services, Division of Public Health, Delaware Health Statistics Center

In 2013-2017 the five-year percentage of low birthweight (LBW) births and very low birthweight (VLBW) births remained relatively stable at 8.8 and 1.8, respectively. The percentage of LBW births was greatest for mothers in the 40 and older age group (11.3 percent) and lowest for those in the 30-34 age group (8.0 percent).

Figure 19. Five-year Percentage of Low Birthweight Births (<2,500 grams), by Mother's Age, Delaware, 2013-2017

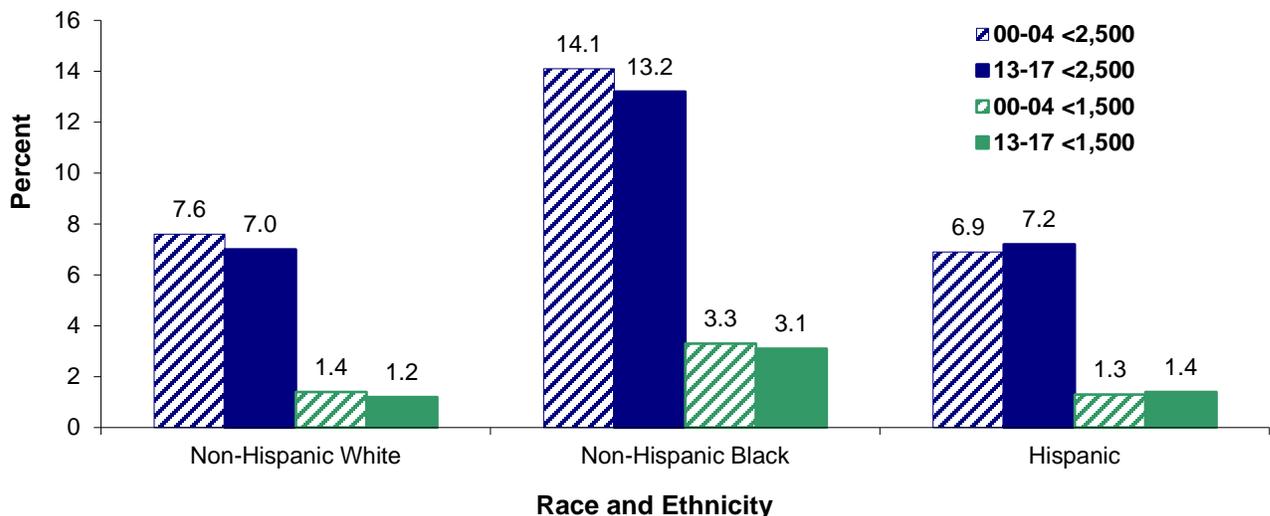


Source: Delaware Department of Health and Social Services, Division of Public Health, Delaware Health Statistic Center

In 2013-2017 among mothers of all ages, non-Hispanic black mothers had the highest percentage of LBW and VLBW births at 13.2 percent and 3.1 percent.

Between 2000-2004 and 2013-2017, there was a decline in the percentages of non-Hispanic white and non-Hispanic black infants born at low birthweight and very low birth weight. During this same time period, the percentage of Hispanic infants born at both low birth weight and very low birthweight showed a slight increase of 4 percent and 8 percent respectively.

Figure 20. Five-year Average Percentage of Low (<2,500 grams) and Very Low Birth Weight Births (<1,500 grams), by Race and Hispanic Origin, Delaware, 2000-2004 and 2013-2017



Source: Delaware Department of Health and Social Services, Division of Public Health, Delaware Health Statistics Center

TABLE C-1. NUMBER OF LIVE BIRTHS BY AGE OF MOTHER, COUNTY, CITY OF WILMINGTON, U.S., AND DELAWARE, 2007-2017

ALL RACES

Area/ Age	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017
U.S.	4,316,233	4,247,694	4,130,665	3,999,386	3,953,590	3,952,841	3,932,181	3,988,076	3,978,497	3,945,875	3,855,500
<20	451,094	440,522	414,831	372,175	333,746	309,060	276,203	251,847	232,215	212,062	196,294
20-24	1,082,354	1,052,184	1,005,982	951,688	925,200	916,811	896,745	882,567	850,509	803,978	764,780
25-29	1,208,408	1,195,774	1,166,787	1,133,713	1,127,583	1,123,900	1,120,777	1,145,392	1,152,311	1,149,122	1,123,577
30+	1,574,377	1,559,214	1,543,065	1,541,810	1,567,061	1,603,070	1,638,456	1,708,270	1,743,462	1,780,713	1,770,849
Delaware	12,097	12,016	11,369	11,291	11,227	10,982	10,802	10,934	11,145	10,967	10,835
<20	1,251	1,251	1,085	983	909	768	730	621	553	594	556
20-24	3,095	3,000	2,831	2,707	2,642	2,534	2,431	2,298	2,279	2,099	2,014
25-29	3,335	3,477	3,280	3,293	3,297	3,151	3,139	3,297	3,319	3,303	3,333
30+	4,416	4,288	4,173	4,308	4,379	4,529	4,502	4,718	4,994	4,971	4,932
Kent	2,243	2,294	2,258	2,228	2,166	2,206	2,180	2,266	2,259	2,247	2,172
<20	252	235	209	198	183	162	134	129	100	153	126
20-24	685	672	719	633	601	597	599	608	576	518	489
25-29	689	669	687	703	685	664	665	726	736	760	713
30+	617	718	643	694	697	783	782	803	847	816	844
New Castle	7,357	7,229	6,794	6,780	6,880	6,479	6,444	6,450	6,584	6,430	6,391
<20	669	695	613	546	527	410	395	323	296	298	276
20-24	1,599	1,554	1,424	1,418	1,417	1,294	1,286	1,157	1,171	1,050	1,039
25-29	1,965	2,081	1,921	1,915	1,956	1,822	1,812	1,887	1,868	1,851	1,878
30+	3,124	2,899	2,836	2,901	2,980	2,953	2,951	3,083	3,249	3,231	3,198
Wilmington	1,290	1,295	1,237	1,064	1,111	1,005	1,057	1,000	973	983	968
<20	221	238	193	153	159	122	132	89	79	85	89
20-24	399	375	360	294	275	264	270	245	242	229	221
25-29	309	337	312	275	301	258	278	267	260	279	267
30+	361	345	372	342	376	361	377	399	392	390	391
Balance of NC County	6,067	5,934	5,557	5,716	5,769	5,474	5,387	5,450	5,611	5,447	5,423
<20	448	457	420	393	368	288	263	234	217	213	187
20-24	1,200	1,179	1,064	1,124	1,142	1,030	1,016	912	929	821	818
25-29	1,656	1,744	1,609	1,640	1,655	1,564	1,534	1,620	1,608	1,572	1,611
30+	2,763	2,554	2,464	2,559	2,604	2,592	2,574	2,684	2,857	2,841	2,807
Sussex	2,497	2,493	2,317	2,283	2,181	2,297	2,178	2,218	2,302	2,290	2,272
<20	330	321	263	239	199	196	201	169	157	143	154
20-24	811	774	688	656	624	643	546	533	532	531	486
25-29	681	727	672	675	656	665	662	684	715	692	742
30+	675	671	694	713	702	793	769	832	898	924	890

Sources: Delaware Department of Health and Social Services, Division of Public Health, Delaware Health Statistics Center.

TABLE C-2. NUMBER OF LIVE BIRTHS BY AGE OF MOTHER, COUNTY, CITY OF WILMINGTON, U.S., AND DELAWARE, 2007-2017

NON-HISPANIC WHITE

Area/ Age	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017
U.S.	2,310,333	2,267,817	2,212,552	2,162,406	2,146,566	2,134,044	2,129,196	2,149,302	2,130,279	2,094,054	2,030,493
<20	174,201	169,788	160,632	145,070	130,198	120,623	108,603	99,899	91,415	81,774	75,209
20-24	526,482	511,758	490,773	464,849	451,939	444,300	431,540	420,224	399,373	374,508	352,786
25-29	675,899	670,814	657,658	648,610	647,520	641,377	637,710	646,097	642,150	627,597	605,236
30+	933,751	915,457	903,489	903,877	916,909	927,744	951,343	983,082	997,341	1,010,175	997,262
Delaware	6,414	6,384	6,049	6,255	6,170	6,057	5,876	5,812	5,871	5,786	5,309
<20	457	450	387	390	356	318	261	239	189	201	171
20-24	1,371	1,338	1,292	1,288	1,220	1,196	1,130	1,048	989	899	824
25-29	1,825	1,926	1,826	1,897	1,869	1,767	1,728	1,818	1,786	1,816	1,626
30+	2,761	2,670	2,544	2,680	2,725	2,776	2,757	2,707	2,907	2,870	2,688
Kent	1,365	1,431	1,375	1,387	1,354	1,362	1,304	1,365	1,329	1,298	1,178
<20	125	114	88	93	92	73	54	71	43	60	47
20-24	380	398	406	372	325	327	328	327	295	279	248
25-29	445	439	447	465	467	431	424	466	447	476	393
30+	415	480	434	457	470	531	498	501	544	483	490
New Castle	3,717	3,593	3,389	3,551	3,569	3,330	3,306	3,169	3,202	3,170	2,847
<20	209	197	182	174	162	131	107	87	81	91	71
20-24	602	585	550	589	576	508	511	444	419	352	337
25-29	1,004	1,047	991	1,028	1,027	930	907	928	900	906	785
30+	1,902	1,764	1,666	1,760	1,804	1,761	1,781	1,710	1,802	1,821	1,654
Wilmington	260	256	260	284	300	263	272	252	251	260	223
<20	9	15	14	12	13	13	18	9	7	5	8
20-24	36	27	46	45	41	30	25	18	32	22	18
25-29	74	75	58	85	79	65	57	63	59	68	38
30+	141	139	142	142	167	155	172	162	153	165	159
Balance of NC County	3,457	3,337	3,129	3,267	3,269	3,067	3,034	2,917	2,951	2,910	2,624
<20	200	182	168	162	149	118	89	78	74	86	63
20-24	566	558	504	544	535	478	486	426	387	330	319
25-29	930	972	933	943	948	865	850	865	841	838	747
30+	1,761	1,625	1,524	1,618	1,637	1,606	1,609	1,548	1,649	1,656	1,495
Sussex	1,332	1,360	1,285	1,317	1,247	1,365	1,266	1,278	1,340	1,318	1,284
<20	123	139	117	123	102	114	100	81	65	50	53
20-24	389	355	336	327	319	361	291	277	275	268	239
25-29	376	440	388	404	375	406	397	424	439	434	448
30+	444	426	444	463	451	484	478	496	561	566	544

Sources: National Center for Health Statistics
 Delaware Department of Health and Social Services, Division of Public Health, Delaware Health Statistics Center

TABLE C-3. NUMBER OF LIVE BIRTHS BY AGE OF MOTHER, COUNTY, CITY OF WILMINGTON, U.S., AND DELAWARE, 2007-2017

NON-HISPANIC BLACK

Area/ Age	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017
U.S.	627,191	623,029	609,584	589,808	582,345	583,489	583,834	588,891	589,047	583,786	587,357
<20	108,453	106,690	100,153	89,902	79,936	72,549	63,109	55,774	50,884	46,686	43,854
20-24	200,188	198,116	194,122	187,981	186,229	187,488	185,662	182,435	175,597	163,118	157,192
25-29	157,302	156,472	153,210	147,684	147,708	149,649	153,903	160,935	165,895	170,684	175,210
30+	161,248	161,751	162,099	164,241	168,472	173,803	181,160	189,747	196,671	203,298	211,101
Delaware	3,188	3,188	3,108	3,032	3,018	2,881	2,950	2,801	2,968	2,895	2,932
<20	523	511	467	406	376	301	305	233	214	234	212
20-24	1,007	1,018	941	955	974	905	891	760	820	757	690
25-29	776	832	809	776	776	741	806	807	855	825	963
30+	882	827	891	895	892	934	948	1,001	1,079	1,079	1,067
Kent	622	616	621	610	587	590	608	613	632	658	675
<20	93	91	86	86	72	72	52	39	41	66	50
20-24	223	207	220	194	206	195	196	196	199	171	166
25-29	164	170	179	156	149	161	168	177	193	192	217
30+	142	148	136	174	160	162	192	201	199	229	242
New Castle	2,097	2,134	2,046	1,998	2,015	1,894	1,926	1,794	1,957	1,825	1,849
<20	318	334	290	262	244	186	193	147	140	129	121
20-24	614	626	561	585	603	563	547	428	497	450	409
25-29	509	559	525	514	520	484	531	523	554	519	611
30+	656	615	670	637	648	661	655	696	766	727	708
Wilmington	793	817	786	594	634	595	601	544	564	558	560
<20	174	183	148	115	112	88	84	62	59	59	61
20-24	273	282	253	191	193	192	200	167	171	166	153
25-29	184	191	197	140	171	151	166	161	151	168	180
30+	162	161	188	148	158	164	151	154	183	165	166
Balance of NC County	1,304	1,317	1,260	1,404	1,381	1,299	1,325	1,250	1,393	1,267	1,289
<20	144	151	142	147	132	98	109	85	81	70	60
20-24	341	344	308	394	410	371	347	261	326	284	256
25-29	325	368	328	374	349	333	365	362	403	351	431
30+	494	454	482	489	490	497	504	542	583	562	542
Sussex	469	438	441	424	416	397	416	394	379	412	408
<20	112	86	91	58	60	43	60	47	33	39	41
20-24	170	185	160	176	165	147	148	136	124	136	115
25-29	103	103	105	106	107	96	107	107	108	114	135
30+	84	64	85	84	84	111	101	104	114	123	117

Sources: National Center for Health Statistics
Delaware Department of Health and Social Services, Division of Public Health, Delaware Health Statistics Center

TABLE C-4. NUMBER OF LIVE BIRTHS BY AGE OF MOTHER, B COUNTY, CITY OF WILMINGTON, U.S., AND DELAWARE, 2007-2017

HISPANIC ORIGIN

Area/ Age	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017
U.S.	1,062,779	1,041,239	999,548	945,180	918,129	907,677	901,033	914,065	924,048	918,447	898,764
<20	150,974	147,240	138,336	123,609	111,236	104,118	94,174	87,007	81,350	75,708	70,128
20-24	305,262	293,054	274,726	254,723	243,724	241,138	237,705	239,121	236,264	228,216	219,206
25-29	287,942	281,319	270,641	254,982	248,269	244,474	244,243	248,971	256,106	258,025	255,130
30+	318,601	319,626	315,845	311,866	314,900	317,947	324,911	338,966	350,328	356,498	354,300
Delaware	1,914	1,845	1,653	1,426	1,427	1,396	1,342	1,573	1,542	1,543	1,773
<20	255	275	223	174	166	135	148	134	135	151	148
20-24	654	565	524	404	394	375	334	422	393	371	435
25-29	537	498	467	425	431	428	401	432	448	441	497
30+	468	507	439	423	436	458	459	585	566	580	693
Kent	199	185	197	156	162	178	184	204	215	197	220
<20	31	28	31	17	16	15	22	16	12	23	20
20-24	67	54	74	52	55	59	58	71	69	52	60
25-29	63	40	47	57	52	50	52	62	70	69	74
30+	38	63	45	30	39	54	52	55	64	53	66
New Castle	1,069	1,015	906	760	789	726	707	881	796	827	1,030
<20	136	154	137	101	116	84	86	79	68	74	70
20-24	340	293	268	207	206	187	178	245	203	197	253
25-29	285	290	255	213	221	227	205	236	224	239	274
30+	308	278	246	239	246	228	238	321	301	317	433
Wilmington	228	200	174	172	161	118	154	178	136	142	154
<20	37	38	30	25	34	18	25	17	12	20	17
20-24	89	64	61	55	40	39	42	54	35	38	47
25-29	48	65	49	48	48	32	49	37	44	37	43
30+	54	33	34	44	39	29	38	70	45	47	47
Balance of NC County	841	815	732	588	628	608	553	703	660	685	876
<20	99	116	107	76	82	66	61	62	56	54	53
20-24	251	229	207	152	166	148	136	191	168	159	206
25-29	237	225	206	165	173	195	156	199	180	202	231
30+	254	245	212	195	207	199	200	251	256	270	386
Sussex	646	645	550	510	476	492	451	488	531	519	523
<20	88	93	55	56	34	36	40	39	55	54	58
20-24	247	218	182	145	133	129	98	106	121	122	122
25-29	189	168	165	155	158	151	144	134	154	133	149
30+	122	166	148	154	151	176	169	209	201	210	194

Sources: National Center for Health Statistics
 Delaware Department of Health and Social Services, Division of Public Health, Delaware Health Statistics Center

TABLE C-5. FIVE-YEAR AVERAGE TEENAGE LIVE BIRTH RATES BY AGE AND RACE OF MOTHER, COUNTY, CITY OF WILLMINGTON, U.S., AND DELAWARE, 2000-2017

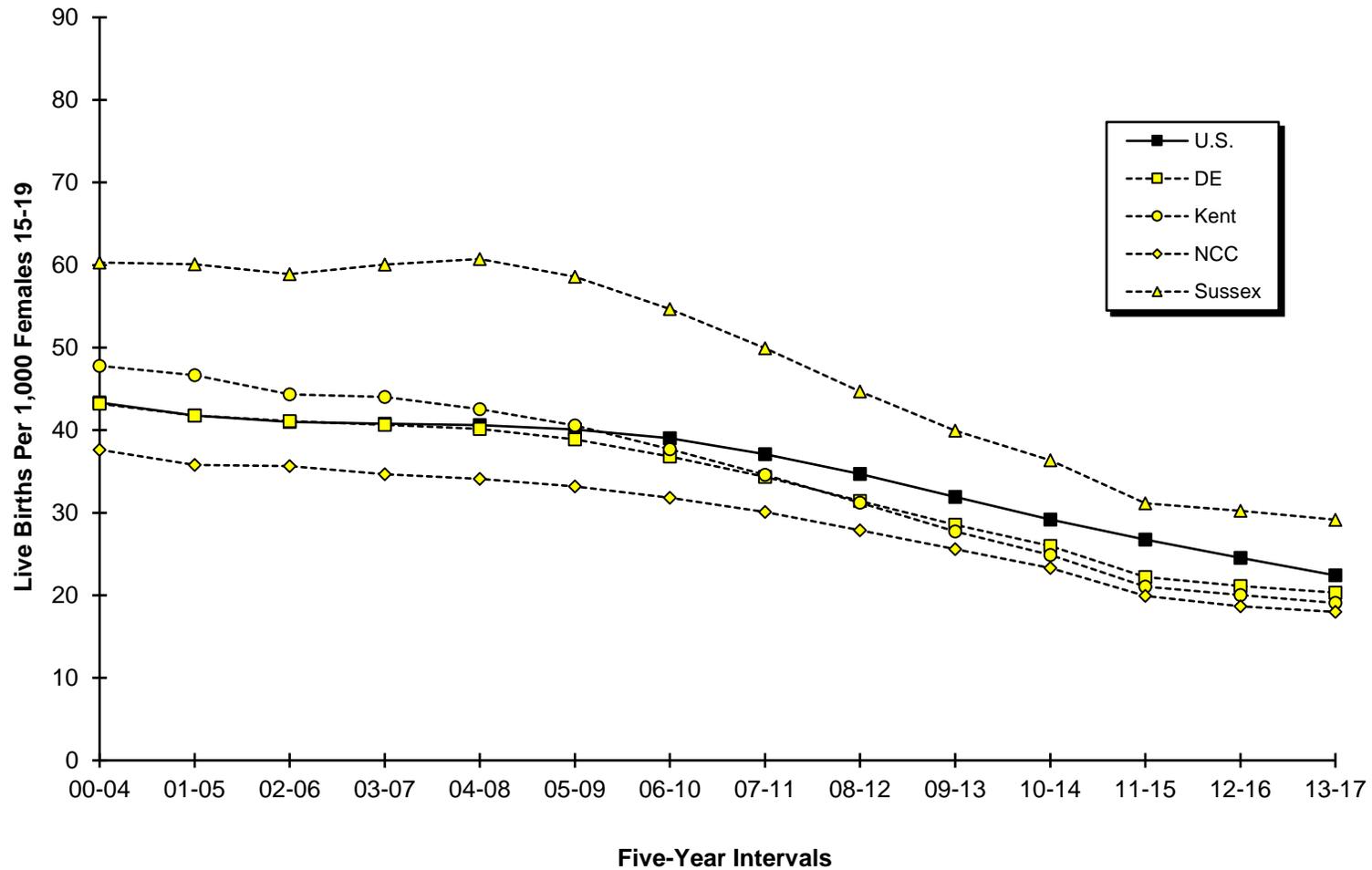
Age/Area/ Race	2000 -2004	2001 -2005	2002 -2006	2003 -2007	2004 -2008	2005 -2009	2006 -2010	2007 -2011	2008 -2012	2009 -2013	2010 -2014	2011 -2015	2012 -2016	2013 -2017
Teens 15-19														
U.S.	43.3	41.8	41.0	40.8	40.6	40.1	39.0	37.1	34.7	31.9	29.2	26.7	24.5	22.4
Non-Hispanic White	23.4	22.2	21.5	21.1	20.9	20.5	21.0	21.1	20.9	20.6	20.2	18.7	17.2	15.8
Non-Hispanic Black	65.4	61.6	59.3	58.2	57.3	56.1	55.3	53.1	50.3	46.8	43.2	39.2	35.6	32.3
Delaware	43.2	41.8	41.1	40.6	40.2	38.9	36.8	34.3	31.4	28.5	26.0	23.5	21.6	20.3
Non-Hispanic White	27.1	25.6	25.0	24.8	24.3	23.5	22.9	21.9	20.7	19.0	17.8	15.9	14.5	13.0
Non-Hispanic Black	76.9	72.1	68.9	66.9	65.3	62.7	59.4	55.4	50.1	45.7	40.5	36.3	33.0	30.8
Kent	47.8	46.7	44.3	44.0	42.6	40.6	37.7	34.6	31.2	27.7	24.9	21.4	20.4	19.1
Non-Hispanic White	40.0	38.0	35.8	36.5	35.2	34.0	32.2	30.2	26.4	22.2	20.4	17.0	15.1	13.8
Non-Hispanic Black	65.2	62.1	58.8	56.1	53.3	49.4	46.9	42.4	41.1	38.8	35.4	31.6	32.2	29.6
New Castle	37.6	35.8	35.6	34.6	34.1	33.2	31.8	30.1	27.9	25.6	23.3	21.4	19.2	18.0
Non-Hispanic White	20.1	18.7	18.3	17.9	17.3	16.7	16.3	15.8	14.9	14.0	12.9	11.8	10.9	9.9
Non-Hispanic Black	76.2	69.8	67.5	64.8	63.7	61.5	59.3	56.0	50.5	45.4	40.0	35.6	31.0	28.6
Wilmington											57.2	51.9	45.7	43.0
Non-Hispanic White											46.9	44.2	37.3	32.0
Non-Hispanic Black											58.4	52.5	46.3	43.3
Sussex	60.3	60.1	58.9	60.1	60.7	58.6	54.7	49.9	44.7	40.0	36.4	33.2	30.8	29.2
Non-Hispanic White	40.8	39.3	39.1	38.3	38.2	36.9	36.3	33.9	33.3	31.1	29.3	26.1	23.1	19.9
Non-Hispanic Black	97.2	97.1	91.3	94.2	93.9	93.0	83.7	78.2	65.6	60.9	52.5	48.4	44.9	44.7
Teens 15-17														
U.S.	23.7	22.5	21.9	21.7	21.5	21.0	20.3	19.1	17.6	15.8	14.0	12.5	11.2	9.9
Delaware	26.1	24.8	23.7	23.4	22.8	21.2	19.8	18.1	15.9	14.0	12.4	10.9	9.7	9.2
Kent	26.3	25.7	23.1	22.4	21.7	20.6	19.3	17.3	15.5	13.3	11.2	9.0	8.4	8.2
New Castle	24.8	23.3	22.6	22.0	21.3	20.0	18.7	17.1	15.0	13.3	12.0	10.6	9.1	8.3
Sussex	30.0	28.8	27.9	28.6	28.7	25.9	24.2	22.4	19.3	17.0	15.3	13.9	13.0	13.2
Teens 18-19														
U.S.	72.8	70.8	70.0	69.9	69.6	68.6	66.6	63.2	59.3	55.1	51.0	47.5	44.1	40.8
Delaware	64.6	63.1	63.0	62.4	62.1	61.2	58.3	54.9	51.4	47.8	44.4	41.4	39.1	36.9
Kent	75.1	73.1	71.0	70.8	68.3	65.0	59.9	55.6	50.9	46.7	43.8	39.5	38.6	35.6
New Castle	52.4	50.3	50.8	49.3	49.1	48.7	47.3	45.5	43.4	40.9	38.1	36.0	33.7	32.3
Sussex	112.5	113.8	112.3	114.3	116.2	115.3	107.8	98.1	87.9	77.4	69.4	62.6	57.1	52.6

Notes:

1. Teenage live birth rates represent the number of live births in a specific age category (e.g., 15-19) per 1,000 women in that age category.
2. Historical rates may change from one annual report to another due to refinements in the population estimates. Therefore, historical trends should not be examined by comparing rates from previous annual reports.

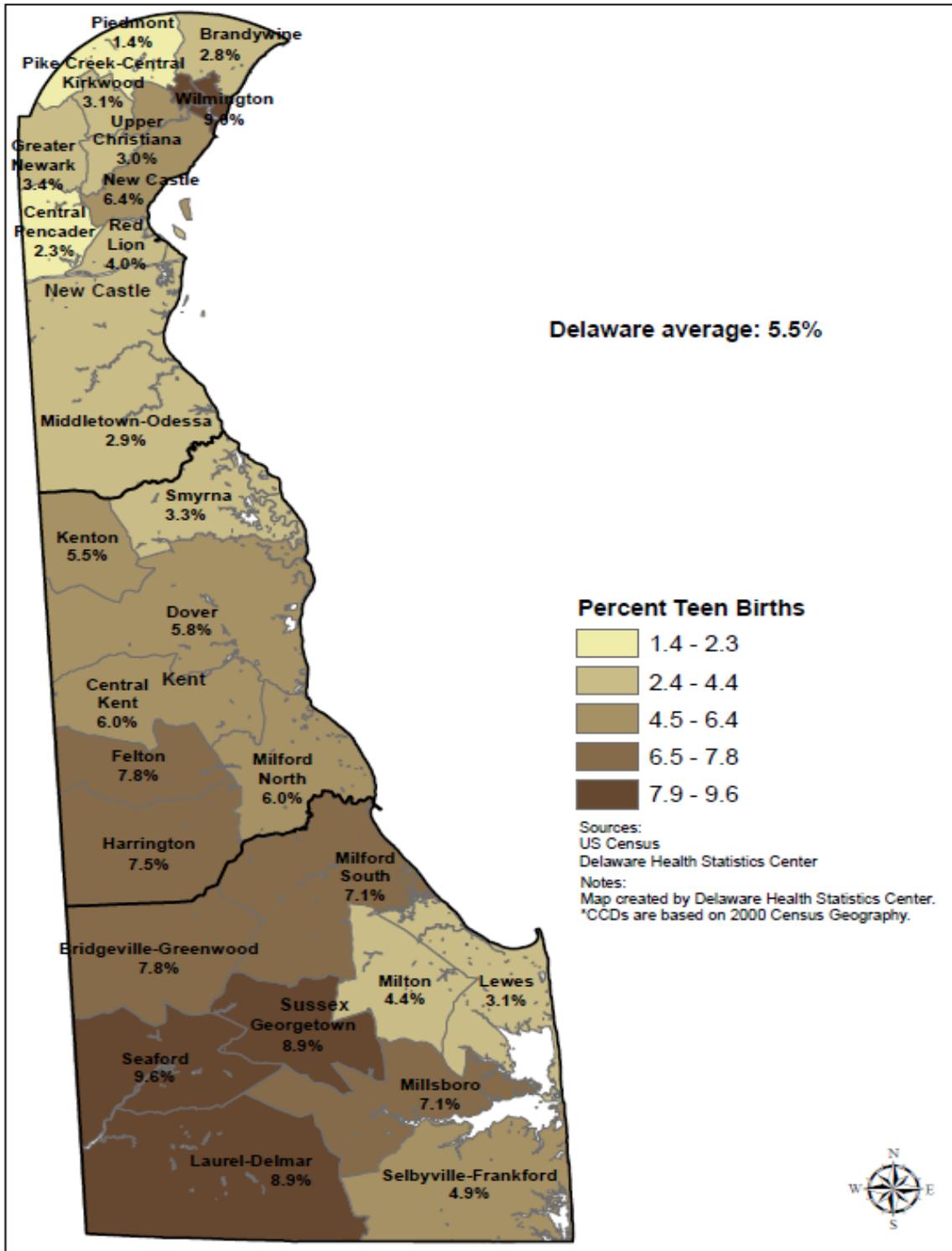
Sources: National Center for Health Statistics
 Delaware Department of Health and Social Services, Division of Public Health, Delaware Health Statistics Center

Figure C-1. Five-Year Average Teenage (15-19) Live Birth Rates, U.S., Delaware and Counties, 2000-2017



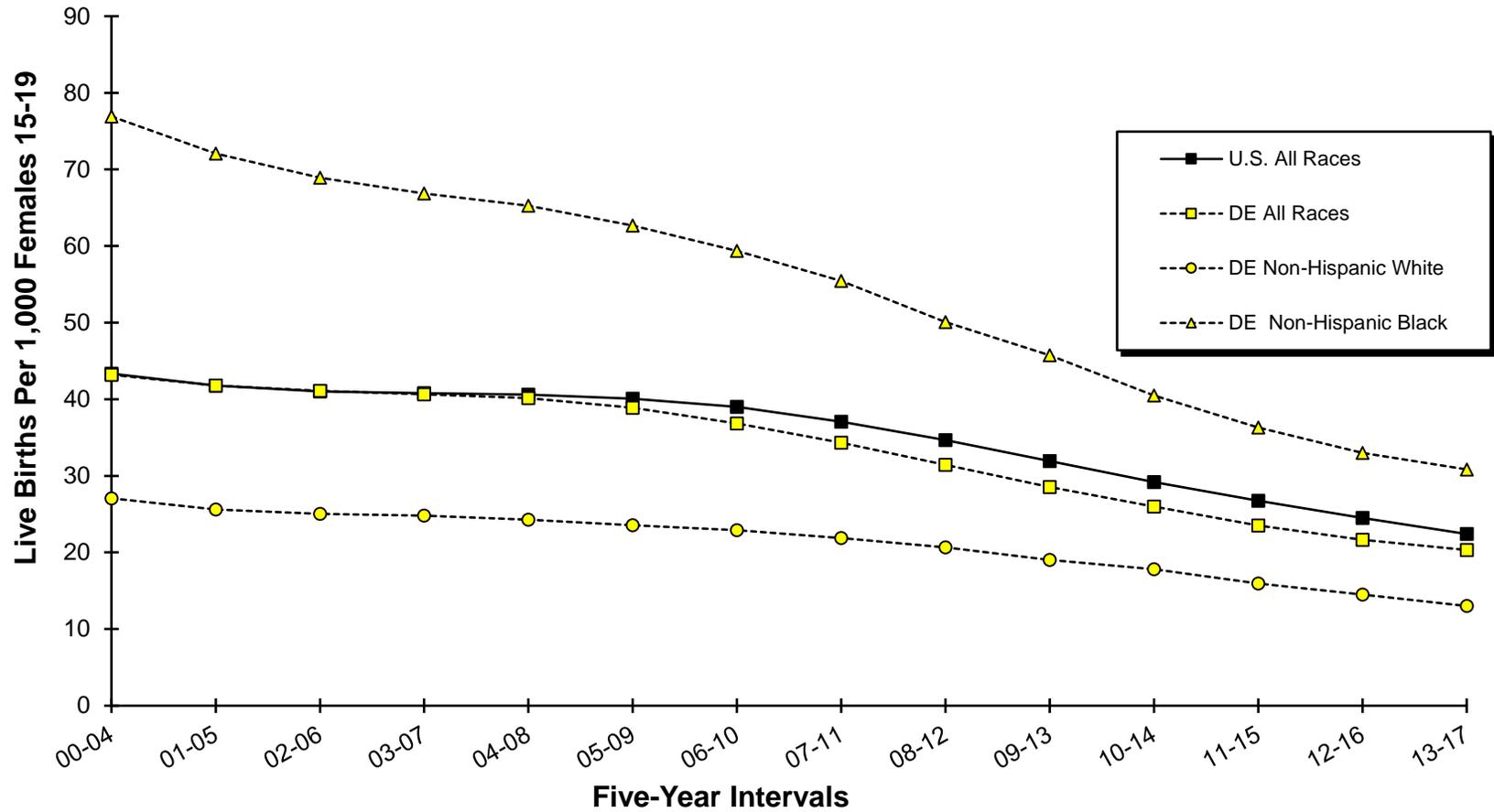
Sources: National Center for Health Statistics
 Delaware Department of Health and Social Services, Division of Public Health, Delaware Health Statistics Center

Figure C-2.
Five-year Average Percent Live Births to Teens (15-19)
by Census County Division*
Delaware, 2013-2017



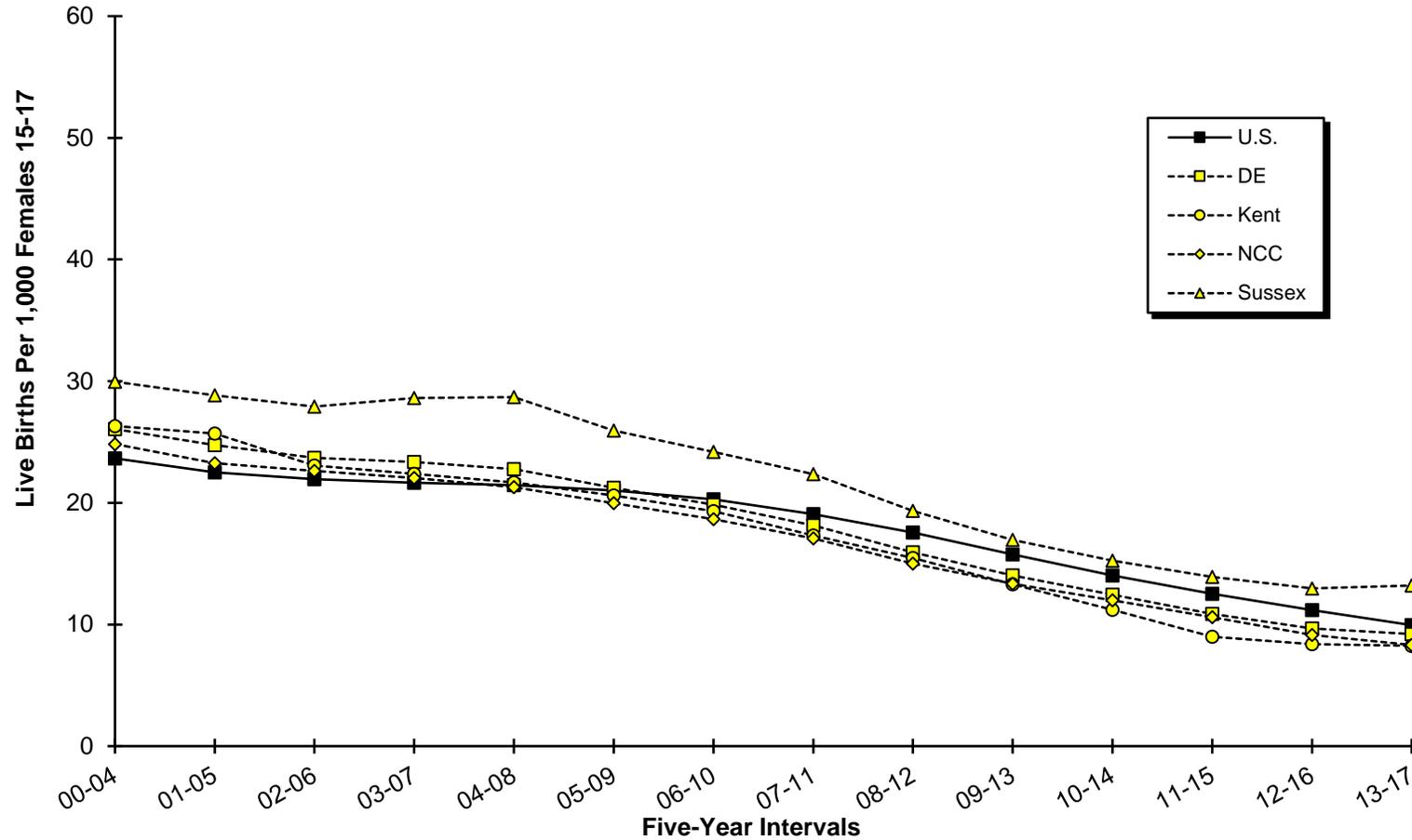
MD 01.02.19

Figure C-3. Five-Year Average Teenage (15-19) Live Birth Rates by Race, U.S. and Delaware, 2000-2017



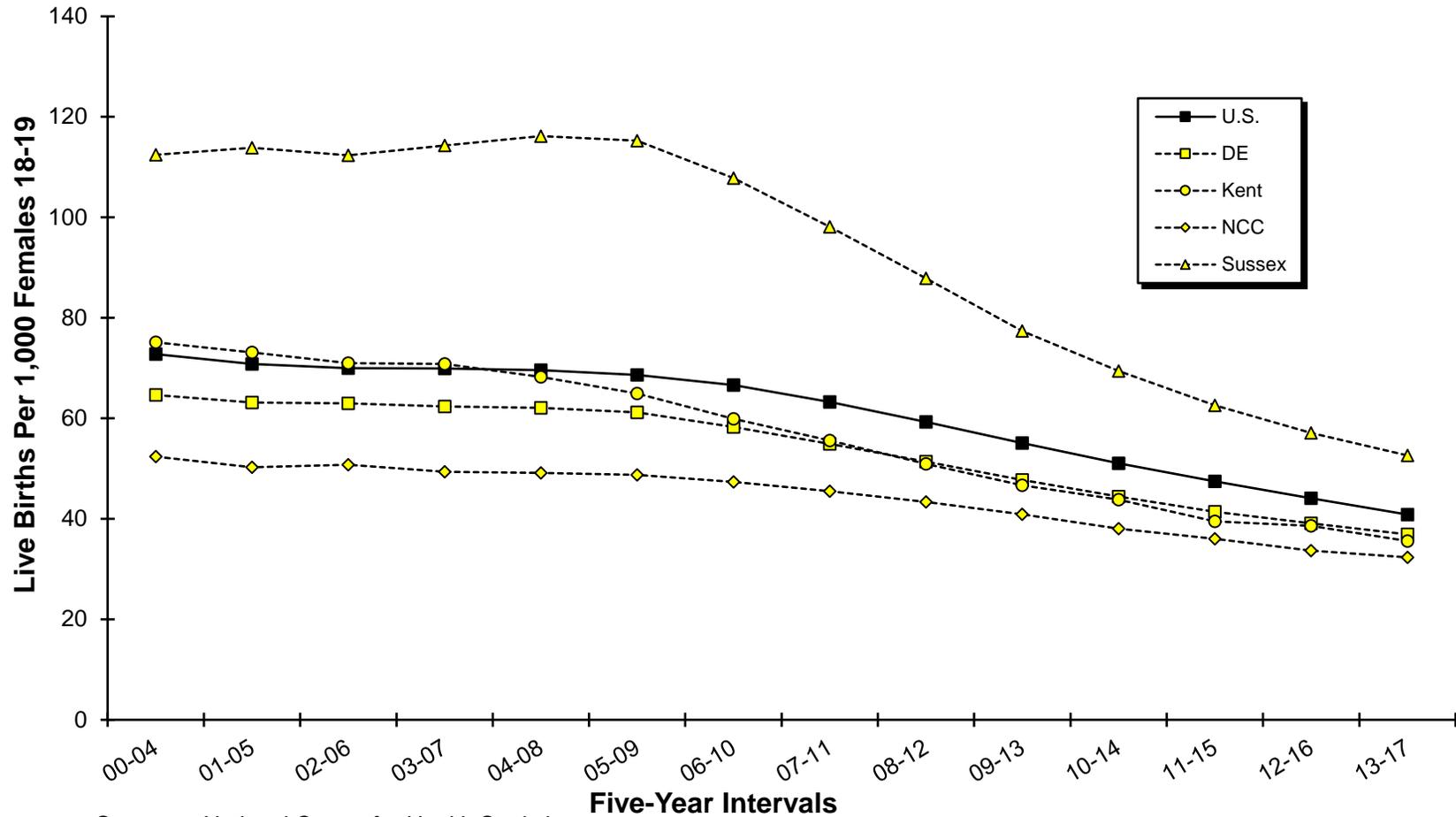
Sources: National Center for Health Statistics
 Delaware Department of Health and Social Services, Division of Public Health, Delaware Health Statistics Center,

Figure C-4 Five-Year Average Teenage (15-17) Live Birth Rates, U.S., Delaware and Counties, 2000-2017



Sources: National Center for Health Statistics
 Delaware Department of Health and Social Services, Division of Public Health, Delaware Health Statistics Center

Figure C-5. Five-Year Average Teenage (18-19) Live Birth Rates, U.S., Delaware and Counties, 2000-2017



Sources: National Center for Health Statistics
 Delaware Department of Health and Social Services, Division of Public Health, Delaware Health Statistics Center

TABLE C-6. FIVE-YEAR GENERAL FERTILITY AND AGE-SPECIFIC LIVE BIRTH RATES BY COUNTY, U.S., AND DELAWARE, 2000-2017

ALL RACES

Area/ Age	2000 -2004	2001 -2005	2002 -2006	2003 -2007	2004 -2008	2005 -2009	2006 -2010	2007 -2011	2008 -2012	2009 -2013	2010 -2014	2011 -2015	2012 -2016	2013 -2017
U.S.														
General	65.7	65.9	66.5	67.4	67.8	67.8	67.3	66.2	64.9	63.7	63.1	62.8	62.6	62.0
10-14	0.7	0.7	0.7	0.6	0.6	0.6	0.5	0.5	0.5	0.4	0.4	0.3	0.3	0.2
15-19	43.3	41.8	41.0	40.8	40.6	40.1	39.0	37.1	34.7	31.9	29.2	26.7	24.5	22.4
20-24	104.2	102.8	102.8	103.3	103.2	102.1	99.6	95.5	91.0	86.8	83.4	81.0	78.7	76.4
25-29	115.1	115.6	116.5	117.2	116.8	115.8	114.1	111.9	109.6	107.6	106.5	105.8	104.8	103.1
30-34	93.5	94.6	96.0	97.6	98.3	98.6	98.5	97.9	97.2	96.9	97.6	98.8	100.0	100.6
35-39	42.2	43.5	45.0	46.2	46.8	46.9	46.8	46.7	46.9	47.3	48.3	49.5	50.6	51.4
40-44	8.4	8.6	8.9	9.2	9.4	9.6	9.8	10.0	10.1	10.3	10.4	10.5	10.7	11.0
45-49**	0.5	0.5	0.6	0.6	0.6	0.6	0.7	0.7	0.7	0.7	0.7	0.7	0.8	0.8
Delaware														
General	63.4	63.8	64.8	65.6	66.0	65.8	65.3	64.4	63.0	61.5	60.8	60.3	59.9	59.5
10-14	0.9	0.8	0.8	0.7	0.7	0.7	0.7	0.6	0.6	0.4	0.4	0.4	0.4	0.3
15-19	43.2	41.8	41.1	40.6	40.2	38.9	36.8	34.3	31.4	28.5	26.0	23.5	21.6	20.3
20-24	102.3	101.8	102.5	102.4	100.9	98.9	95.9	91.8	86.6	81.1	76.2	72.6	69.2	66.8
25-29	108.7	108.6	110.3	112.2	115.0	115.8	116.1	115.8	113.9	111.4	111.0	109.5	106.8	104.5
30-34	93.1	94.0	95.0	95.8	94.9	94.9	95.6	96.0	96.6	97.8	99.3	100.5	102.3	103.2
35-39	38.7	40.2	42.1	43.4	44.8	45.0	45.4	45.4	45.5	44.8	45.4	46.6	47.5	48.1
40-44	7.5	7.8	7.9	8.2	8.4	8.3	8.5	8.6	8.6	8.7	9.0	9.1	9.2	9.4
45-49**	0.4	0.5	0.5	0.5	0.5	0.6	0.6	0.6	0.6	0.6	0.5	0.6	0.7	0.7
Kent														
General	66.4	66.7	67.5	68.3	68.3	68.6	68.0	65.8	63.9	61.8	60.3	58.8	58.7	58.0
10-14	0.9	1.0	0.9	0.8	0.8	0.6	0.4	0.4	0.3	0.2	0.2	0.2	0.2	0.2
15-19	47.8	46.7	44.3	44.0	42.6	40.6	37.7	34.6	31.2	27.7	24.9	21.4	20.4	19.1
20-24	137.8	133.9	131.7	129.8	123.2	121.0	116.1	111.6	105.6	99.8	93.2	88.6	83.5	79.9
25-29	114.6	115.2	117.8	121.1	123.9	126.8	127.9	128.3	126.6	126.3	127.2	126.0	124.6	119.6
30-34	77.0	78.6	81.0	81.7	82.5	84.0	85.1	84.8	86.7	87.7	89.4	90.2	92.2	93.9
35-39	30.2	31.5	33.3	33.4	35.8	35.9	36.3	33.4	33.7	31.4	31.8	33.1	35.3	36.6
40-44	5.9	6.7	7.2	7.4	7.3	7.3	7.3	6.8	6.9	6.9	6.7	6.3	6.8	6.9
45-49**	0.4	0.5	0.3	0.3	0.3	0.3	0.4	0.6	0.6	0.7	0.7	0.5	0.4	0.6
New Castle														
General	61.0	61.1	62.0	62.4	62.6	62.2	61.7	61.2	59.9	58.8	58.4	58.2	57.5	57.4
10-14	0.8	0.7	0.7	0.6	0.6	0.7	0.7	0.6	0.6	0.5	0.4	0.3	0.4	0.3
15-19	37.6	35.8	35.6	34.6	34.1	33.2	31.8	30.1	27.9	25.6	23.3	21.4	19.2	18.0
20-24	81.3	81.1	82.1	81.2	80.0	78.4	76.3	73.1	68.8	64.6	60.9	58.1	55.3	54.5
25-29	104.1	103.7	105.2	105.8	108.0	108.3	108.0	107.8	106.0	103.2	102.4	100.2	96.1	93.2
30-34	99.0	99.6	100.2	101.3	100.6	100.3	100.9	101.8	101.6	102.4	103.7	105.1	106.2	107.3
35-39	43.2	44.9	47.0	48.8	49.7	49.6	49.8	50.6	50.5	50.6	51.3	52.1	52.2	52.2
40-44	8.2	8.5	8.4	8.9	9.2	9.1	9.3	9.7	9.4	9.5	9.9	10.2	10.2	10.5
45-49**	0.4	0.5	0.5	0.5	0.6	0.6	0.7	0.6	0.6	0.6	0.6	0.6	0.8	0.9
Sussex														
General	70.2	71.4	72.7	74.9	76.5	76.2	75.8	74.3	72.8	70.8	69.9	69.5	69.5	68.6
10-14	1.3	1.1	1.0	0.9	0.9	0.9	0.9	0.8	0.6	0.5	0.4	0.5	0.5	0.5
15-19	60.3	60.1	58.9	60.1	60.7	58.6	54.7	49.9	44.7	40.0	36.4	33.2	30.8	29.2
20-24	160.5	160.9	161.2	164.7	165.7	160.0	153.7	145.9	137.7	127.9	120.7	113.7	107.8	98.2
25-29	121.3	121.1	122.5	127.3	131.8	131.5	132.7	130.9	128.4	124.8	124.2	124.9	125.7	129.3
30-34	85.2	86.9	88.7	89.0	86.0	86.1	87.1	86.9	88.9	92.2	94.5	95.7	99.6	99.2
35-39	30.2	31.3	33.1	34.1	36.6	38.1	39.5	40.5	41.8	41.1	42.2	45.2	46.5	47.6
40-44	6.6	6.8	6.8	6.5	6.5	6.6	6.6	7.0	7.8	8.2	8.7	8.8	8.8	8.6
45-49**	0.4	0.5	0.5	0.4	0.3	0.5	0.4	0.5	0.6	0.6	0.3	0.4	0.6	0.5

Notes:

1. Historical rates may change from one annual report to another due to refinements in the population estimates. Therefore, historical trends should not be examined by comparing rates from previous annual reports.
 2. General fertility rates represent the total number of live births per 1,000 women 15-44 years of age.
 3. Age-specific live birth rates represent the number of live births in a specific age category per 1,000 women in that age category.
- ** The number of births shown is the total for women aged 45-54 years. The birth rate is computed by dividing births to women aged 45-54 years by women aged 45-49 years, because most of the births in this group are to women aged 45-49.

Sources: National Center for Health Statistics
 Delaware Department of Health and Social Services, Division of Public Health, Delaware Health Statistics Center

TABLE C-7. FIVE -YEAR GENERAL FERTILITY AND AGE-SPECIFIC LIVE BIRTH RATES BY COUNTY, U.S., AND DELAWARE, 2000-2017

NON-HISPANIC WHITE

Area/ Age	2000 -2004	2001 -2005	2002 -2006	2003 -2007	2004 -2008	2005 -2009	2006 -2010	2007 -2011	2008 -2012	2009 -2013	2010 -2014	2011 -2015	2012 -2016	2013 -2017
U.S.														
General	47.7	47.4	47.5	47.7	47.6	47.3	49.2	51.0	52.9	55.3	58.4	58.5	58.4	58.1
10-14	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.1	0.1	0.1	0.1	0.1	0.1
15-19	23.4	22.2	21.5	21.1	20.9	20.5	21.0	21.1	20.9	20.6	20.2	18.7	17.2	15.8
20-24	68.0	66.8	66.3	66.1	65.7	64.9	66.3	67.1	67.7	68.5	70.0	68.1	66.3	64.2
25-29	86.8	86.5	86.6	86.7	86.1	85.2	88.3	91.4	94.7	98.7	103.8	103.2	101.9	100.0
30-34	77.4	77.5	77.4	77.5	77.1	76.7	80.3	84.4	88.8	94.0	100.5	101.6	102.7	103.2
35-39	34.7	35.6	36.4	36.9	36.9	36.4	37.4	38.7	40.4	42.9	46.4	47.6	48.6	49.3
40-44	6.7	6.8	6.9	7.1	7.1	7.2	7.5	7.9	8.3	8.6	9.0	9.0	9.1	9.3
45-49**	0.4	0.4	0.4	0.5	0.5	0.5	0.5	0.5	0.6	0.6	0.6	0.6	0.7	0.7
Delaware														
General	56.6	56.4	56.7	56.9	57.1	57.0	57.3	57.2	57.0	56.3	56.1	55.5	55.2	54.3
10-14	0.3	0.3	0.2	0.2	0.2	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
15-19	27.1	25.6	25.0	24.8	24.3	23.5	22.9	21.9	20.7	19.0	17.8	15.9	14.5	13.0
20-24	77.5	76.1	75.7	74.6	73.0	72.0	70.7	68.6	66.0	62.8	59.5	56.4	53.7	51.2
25-29	103.1	101.8	102.4	103.4	106.0	107.8	109.0	109.8	109.6	107.9	107.7	105.0	101.8	96.9
30-34	101.6	101.4	101.4	101.1	99.4	98.5	100.0	101.1	102.8	104.8	106.2	106.8	108.4	108.0
35-39	40.0	41.4	43.1	44.4	46.1	46.1	46.7	46.2	45.5	44.6	44.3	45.1	45.6	45.8
40-44	7.5	7.7	7.6	7.6	7.7	7.4	7.6	8.0	8.2	8.4	8.6	8.4	8.3	8.2
45-49**	0.4	0.4	0.4	0.4	0.4	0.5	0.6	0.5	0.6	0.6	0.5	0.5	0.6	0.6
Kent														
General	65.2	65.5	66.5	67.0	67.4	68.1	68.0	65.7	64.1	61.5	59.9	58.1	57.8	56.5
10-14	0.5	0.4	0.3	0.3	0.2	0.1	0.1	0.2	0.2	0.2	0.2	0.2	0.2	0.1
15-19	40.0	38.0	35.8	36.5	35.2	34.0	32.2	30.2	26.4	22.2	20.4	17.0	15.1	13.8
20-24	143.3	139.6	136.5	132.6	126.6	124.6	119.3	114.5	111.4	107.1	101.9	96.3	90.3	83.0
25-29	116.3	116.8	120.0	123.8	126.6	130.6	132.3	133.6	133.3	134.4	137.8	139.2	142.5	140.5
30-34	82.5	83.7	86.8	86.0	86.5	87.4	88.5	88.1	91.3	91.7	93.5	95.4	97.7	98.5
35-39	31.9	33.3	34.4	34.6	36.7	36.9	37.5	33.4	32.6	29.5	28.2	28.5	30.0	31.1
40-44	5.9	6.5	6.9	7.0	7.0	6.8	6.6	6.2	6.2	6.2	6.0	5.7	5.7	5.6
45-49**	0.5	0.5	0.3	0.4	0.3	0.4	0.4	0.6	0.6	0.6	0.5	0.4	0.4	0.5
New Castle														
General	53.9	53.4	53.5	53.4	53.2	52.7	53.0	53.6	53.3	53.3	53.3	52.9	52.4	51.6
10-14	0.2	0.2	0.2	0.2	0.1	0.1	0.2	0.1	0.1	0.1	0.1	0.0	0.0	0.0
15-19	20.1	18.7	18.3	17.9	17.3	16.7	16.3	15.8	14.9	14.0	12.9	11.8	10.9	9.9
20-24	52.7	51.9	51.2	49.7	48.2	47.4	46.7	46.3	44.2	42.0	39.8	37.4	35.1	34.4
25-29	98.1	96.3	96.4	96.0	97.2	98.3	98.8	99.8	99.2	97.1	95.4	90.7	84.5	77.5
30-34	111.1	110.1	109.7	109.9	108.8	107.4	109.2	111.5	112.8	114.5	115.6	116.2	116.8	115.8
35-39	45.6	47.5	49.6	51.6	52.9	52.7	53.2	54.0	53.7	54.8	55.3	55.7	55.5	54.3
40-44	8.3	8.4	8.2	8.4	8.6	8.4	8.8	9.5	9.5	9.6	9.9	10.0	9.9	10.0
45-49**	0.5	0.5	0.5	0.5	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.7	0.8
Sussex														
General	58.4	58.1	58.6	59.2	60.2	60.3	60.9	60.2	60.8	60.2	60.3	60.3	60.6	59.4
10-14	0.4	0.3	0.3	0.2	0.2	0.2	0.1	0.1	0.1	0.0	0.0	0.1	0.1	0.1
15-19	40.8	39.3	39.1	38.3	38.2	36.9	36.3	33.9	33.3	31.1	29.3	26.1	23.1	19.9
20-24	126.7	121.8	122.6	122.7	121.7	118.1	116.0	109.4	106.5	101.7	96.7	91.3	86.3	76.2
25-29	108.1	106.5	105.5	107.5	114.0	115.0	116.8	116.1	116.9	113.7	114.9	116.2	118.3	120.7
30-34	86.3	88.2	87.8	86.9	82.1	81.9	83.4	83.4	85.5	90.5	92.5	92.4	96.2	96.0
35-39	29.4	29.8	31.1	32.2	34.8	36.0	37.0	37.6	37.7	35.3	35.4	38.9	39.1	40.7
40-44	6.5	6.5	6.2	5.9	5.5	5.4	5.3	5.7	6.5	7.3	7.6	7.5	7.4	6.9
45-49**	0.2	0.2	0.2	0.2	0.2	0.4	0.4	0.4	0.4	0.4	0.2	0.3	0.5	0.4

Notes:

1. Historical rates may change from one annual report to another due to refinements in the population estimates. Therefore, historical trends should not be examined by comparing rates from previous annual reports.
 2. General fertility rates represent the total number of live births per 1,000 women 15-44 years of age.
 3. Age-specific live birth rates represent the number of live births in a specific age category per 1,000 women in that age category.
- ** The number of births shown is the total for women aged 45-54 years. The birth rate is computed by dividing births to women aged 45-54 years by women aged 45-49 years, because most of the births in this group are to women aged 45-49.

Sources: National Center for Health Statistics
 Delaware Department of Health and Social Services, Division of Public Health, Delaware Health Statistics Center

TABLE C-8. FIVE-YEAR GENERAL FERTILITY AND AGE-SPECIFIC LIVE BIRTH RATES BY COUNTY, U.S., AND DELAWARE, 2000-2017

NON-HISPANIC BLACK

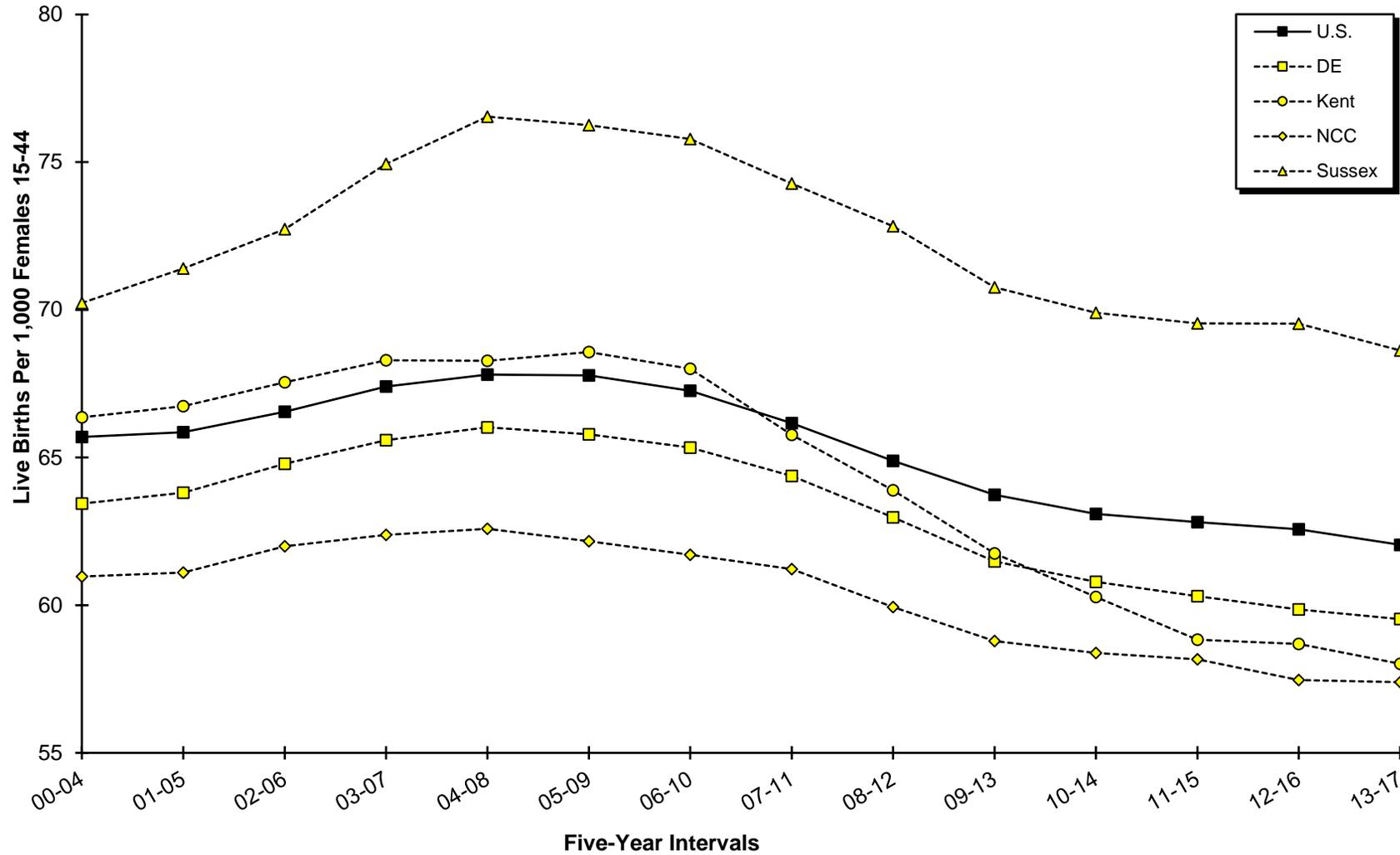
Area/ Age	2000 -2004	2001 -2005	2002 -2006	2003 -2007	2004 -2008	2005 -2009	2006 -2010	2007 -2011	2008 -2012	2009 -2013	2010 -2014	2011 -2015	2012 -2016	2013 -2017
U.S.														
General	64.8	63.9	64.0	64.5	64.9	65.0	65.6	65.3	64.8	64.5	64.5	64.1	63.7	63.4
10-14	1.8	1.7	1.5	1.5	1.4	1.3	1.2	1.1	1.0	0.9	0.8	0.7	0.6	0.6
15-19	65.4	61.6	59.3	58.2	57.3	56.1	55.3	53.1	50.3	46.8	43.2	39.2	35.6	32.3
20-24	126.1	122.9	122.2	122.4	122.6	121.7	121.2	118.3	114.8	111.4	108.5	105.1	102.0	99.2
25-29	97.1	97.2	98.2	99.3	99.9	99.8	100.5	100.2	99.9	100.3	101.3	101.3	101.1	100.6
30-34	63.1	63.4	64.3	65.6	66.7	67.6	69.2	70.2	71.3	72.7	75.0	76.6	78.4	80.3
35-39	31.0	31.3	31.9	32.6	33.0	33.4	34.1	34.8	35.7	36.9	38.7	40.1	41.5	43.0
40-44	7.2	7.4	7.5	7.7	7.8	8.0	8.3	8.5	8.8	9.1	9.5	9.8	10.1	10.5
45-49**	0.4	0.4	0.4	0.5	0.5	0.5	0.6	0.6	0.6	0.7	0.7	0.8	0.8	0.9
Delaware														
General	70.3	70.5	70.7	72.0	72.6	72.8	72.9	72.7	71.0	69.7	68.0	67.2	66.1	65.7
10-14	2.2	1.9	1.7	1.5	1.6	1.5	1.5	1.4	1.3	1.0	1.0	0.9	0.8	0.7
15-19	76.9	72.1	68.9	66.9	65.3	62.7	59.4	55.4	50.1	45.7	40.5	36.3	33.0	30.8
20-24	150.1	147.8	146.6	145.7	143.2	139.9	137.7	134.1	128.0	120.7	112.3	105.2	98.1	92.3
25-29	105.8	108.3	109.2	113.0	117.9	120.0	121.4	123.0	120.2	118.0	115.6	114.2	110.8	111.6
30-34	62.8	66.0	67.5	71.2	72.0	75.7	77.9	80.3	81.8	84.1	86.0	88.3	90.6	91.2
35-39	30.9	31.9	34.0	36.1	36.3	37.4	39.3	40.7	41.9	43.7	45.1	47.1	48.5	49.0
40-44	6.5	7.1	7.3	8.0	8.8	9.0	9.2	9.2	8.9	8.7	8.6	8.8	9.1	9.7
45-49**	0.4	0.5	0.5	0.4	0.5	0.6	0.7	0.6	0.6	0.6	0.6	0.4	0.5	0.7
Kent														
General	69.0	69.0	69.2	70.6	69.6	69.6	69.4	68.4	66.4	65.2	63.8	62.6	62.5	62.6
10-14	2.1	2.6	2.2	2.0	1.9	1.3	0.8	0.8	0.4	0.3	0.4	0.7	0.6	0.8
15-19	65.2	62.1	58.8	56.1	53.3	49.4	46.9	42.4	41.1	38.8	35.4	31.6	32.2	29.6
20-24	131.5	126.6	126.3	127.6	119.2	117.4	113.8	109.5	99.8	91.3	83.4	79.2	75.2	75.7
25-29	110.5	116.6	116.2	120.8	124.9	128.5	127.6	129.4	126.8	123.4	117.5	112.3	103.2	94.2
30-34	58.2	60.0	62.1	66.6	69.3	73.9	78.5	81.1	81.0	83.5	87.4	85.8	87.8	91.9
35-39	24.6	25.2	28.4	29.7	30.8	30.6	32.3	33.1	36.1	39.0	43.6	47.9	51.6	52.6
40-44	5.3	6.3	7.2	7.8	7.9	8.4	9.5	9.1	8.1	8.3	8.1	6.9	7.9	9.7
45-49**	0.4	0.4	0.4	0.2	0.2	0.0	0.6	0.9	0.9	1.1	1.2	0.7	0.5	0.9
New Castle														
General	69.0	69.0	69.4	70.2	71.2	71.6	72.0	71.8	70.3	68.9	67.2	66.7	65.2	64.6
10-14	2.0	1.5	1.3	1.2	1.3	1.3	1.4	1.3	1.3	0.9	1.0	0.8	0.8	0.6
15-19	76.2	69.8	67.5	64.8	63.7	61.5	59.3	56.0	50.5	45.4	40.0	35.6	31.0	28.6
20-24	147.3	144.5	144.8	141.5	140.4	137.4	136.7	132.8	128.9	123.3	115.1	108.4	99.9	91.4
25-29	102.8	104.5	105.6	108.6	114.4	116.5	118.3	119.9	117.4	115.3	113.9	113.8	111.9	116.0
30-34	66.0	70.5	72.0	75.6	76.3	80.3	81.5	83.4	84.5	86.7	87.8	90.7	92.7	92.5
35-39	33.8	34.9	36.5	38.7	38.9	40.1	41.8	43.7	44.5	44.9	45.5	47.2	47.7	48.3
40-44	7.0	7.5	7.6	8.5	9.4	9.5	9.5	9.5	9.1	9.0	9.1	9.5	9.8	10.3
45-49**	0.2	0.4	0.4	0.4	0.6	0.7	0.7	0.6	0.6	0.5	0.4	0.4	0.6	0.8
Sussex														
General	78.5	80.2	79.4	83.6	84.7	84.8	84.2	85.2	82.9	82.4	80.5	78.6	78.2	78.1
10-14	3.4	2.9	2.5	2.2	2.5	2.5	2.8	3.0	2.6	2.4	2.2	1.7	1.1	0.9
15-19	97.2	97.1	91.3	94.2	93.9	93.0	83.7	78.2	65.6	60.9	52.5	48.4	44.9	44.7
20-24	195.5	201.2	192.7	200.5	204.4	198.5	192.8	194.3	188.9	180.5	174.0	160.2	151.3	140.9
25-29	116.2	117.9	119.3	126.4	126.6	125.5	128.4	129.2	124.9	124.0	121.9	120.0	119.6	127.9
30-34	51.3	48.8	50.0	53.3	51.3	52.1	55.5	60.8	67.3	69.7	73.5	78.6	83.0	83.0
35-39	23.3	24.1	27.5	29.7	28.3	30.7	35.0	34.6	35.0	44.3	45.5	45.4	48.2	47.5
40-44	5.6	6.1	6.1	5.7	6.6	6.8	6.6	7.3	8.5	7.4	6.8	7.1	7.2	6.2
45-49**	0.9	1.2	1.1	0.7	0.4	0.9	0.4	0.6	0.6	0.6	0.2	0.2	0.2	0.2

Notes:

1. Historical rates may change from one annual report to another due to refinements in the population estimates. Therefore, historical trends should not be examined by comparing rates from previous annual reports.
 2. General fertility rates represent the total number of live births per 1,000 women 15-44 years of age.
 3. Age-specific live birth rates represent the number of live births in a specific age category per 1,000 women in that age category.
- ** The number of births shown is the total for women aged 45-54 years. The birth rate is computed by dividing births to women aged 45-54 years by women aged 45-49 years, because most of the births in this group are to women aged 45-49.

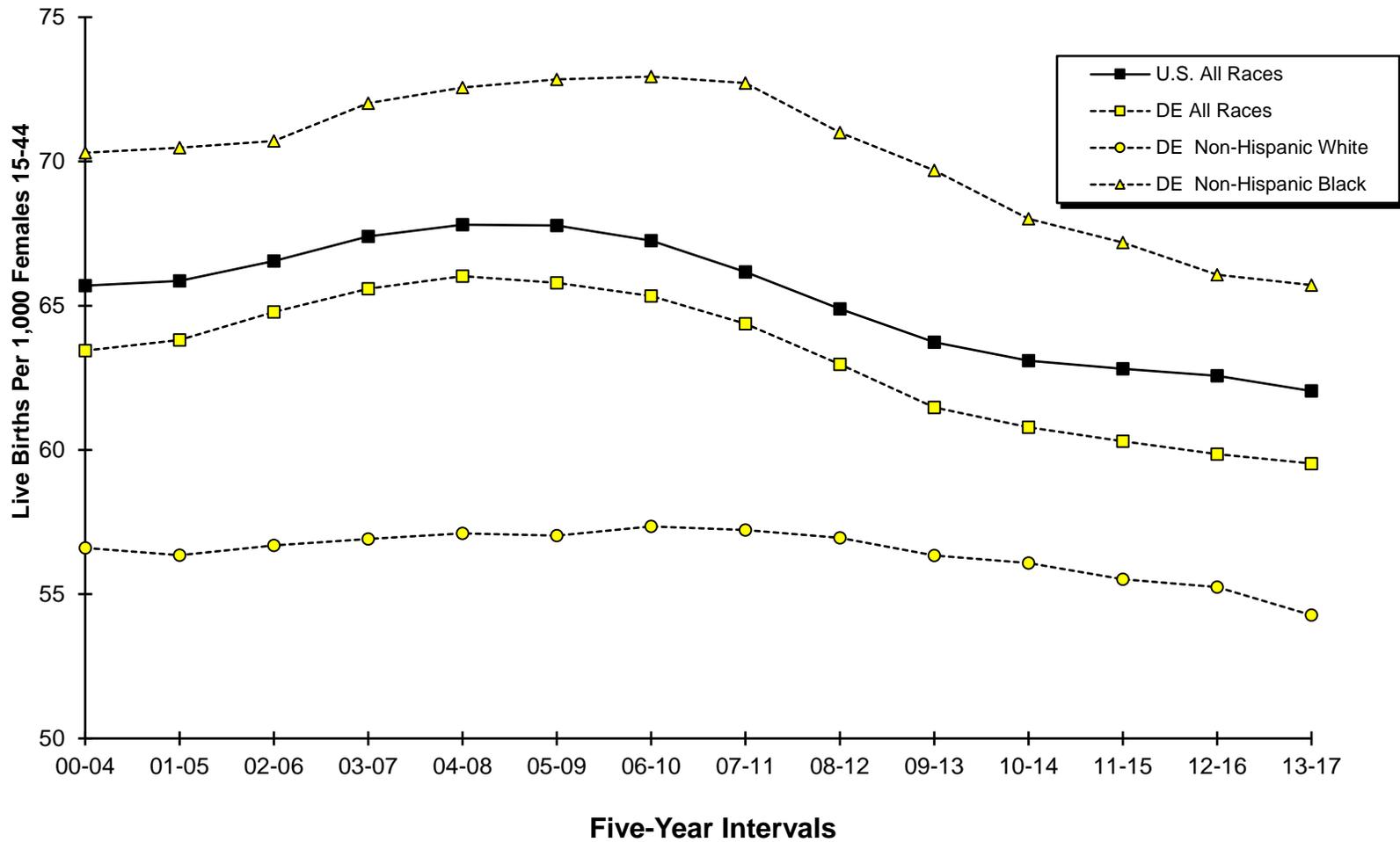
Sources: National Center for Health Statistics
Delaware Department of Health and Social Services, Division of Public Health, Delaware Health Statistics Center

Figure C-6. Five-Year Average General Fertility Rates, U.S., Delaware, and Counties, 2000-2017



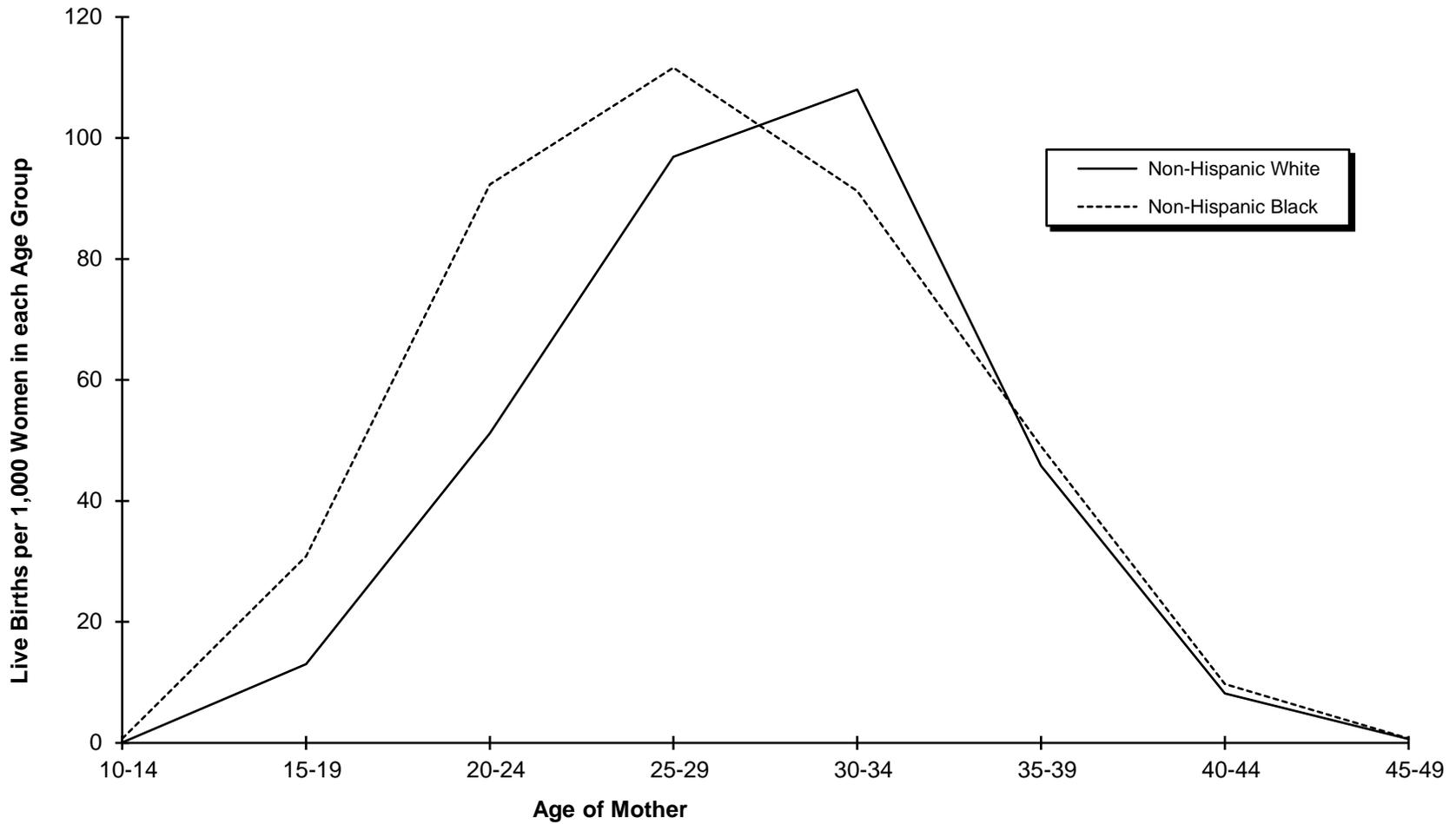
Sources: National Center for Health Statistics
 Delaware Department of Health and Social Services, Division of Public Health, Delaware Health Statistics Center

Figure C-7. Five-Year Average General Fertility Rates by Race, U.S., and Delaware, 2000-2017



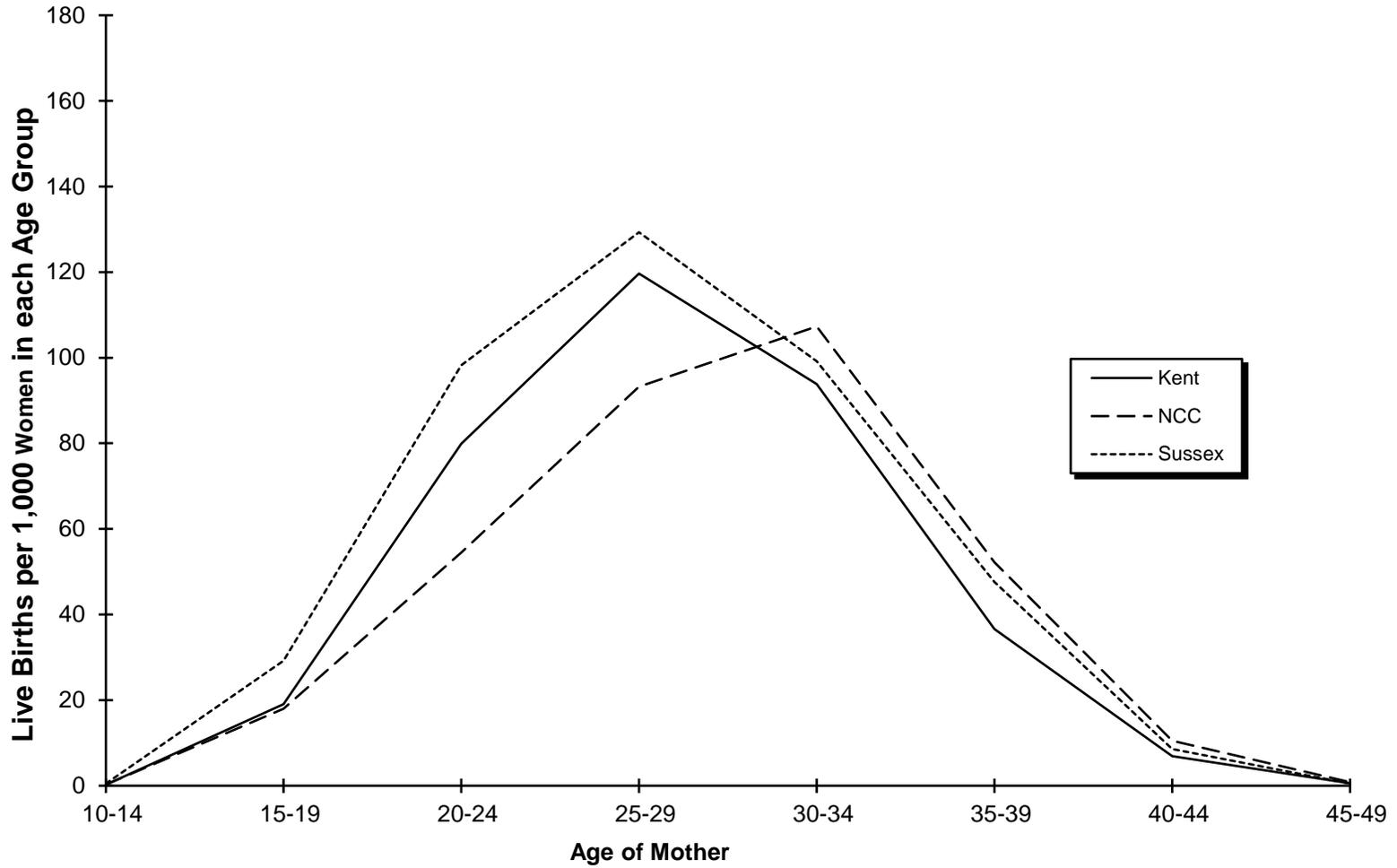
Sources: National Center for Health Statistics
 Delaware Department of Health and Social Services, Division of Public Health, Delaware Health Statistics Center

Figure C-8. Five-Year Average Age-Specific Live Birth Rates by Race, Delaware, 2013-2017



Sources: Delaware Department of Health and Social Services, Division of Public Health, Delaware Health Statistics Center

Figure C-9. Five-Year Average Age-Specific Live Birth Rates by Counties, 2013-2017



Sources: Delaware Department of Health and Social Services, Division of Public Health, Delaware Health Statistics Center

TABLE C-9. NUMBER OF LIVE BIRTHS BY AGE, RACE, AND HISPANIC ORIGIN OF MOTHER, BY COUNTY, CITY OF WILMINGTON, AND DELAWARE, 2017

Area/ Age	All	Non-Hispanic									Hispanic Origin
		White	Black	American Indian*	Asian or Pacific Islander (API)					Other/ Unknown	
					Chinese	Japanese	Hawaiian	Filipino	Other API		
Delaware	10,835	5,309	2,932	25	94	10	1	56	505	130	1,773
<15	4	0	3	0	0	0	0	0	0	0	1
15-17	160	44	69	2	0	0	0	0	0	4	41
18-19	392	127	140	1	0	0	0	0	5	13	106
20-24	2,014	824	690	6	2	0	0	3	24	30	435
25-29	3,333	1,626	963	5	29	2	1	12	163	35	497
30-34	3,149	1,777	642	6	38	5	0	22	229	29	401
35-39	1,481	762	340	5	23	2	0	14	78	17	240
40+	302	149	85	0	2	1	0	5	6	2	52
Unknown	0	0	0	0	0	0	0	0	0	0	0
Kent	2,172	1,178	675	7	3	0	0	25	22	42	220
<15	1	0	1	0	0	0	0	0	0	0	0
15-17	38	14	15	0	0	0	0	0	0	4	5
18-19	87	33	34	0	0	0	0	0	0	5	15
20-24	489	248	166	2	0	0	0	1	2	10	60
25-29	713	393	217	3	0	0	0	7	7	12	74
30-34	538	322	146	1	2	0	0	8	8	8	43
35-39	242	135	74	1	1	0	0	6	4	3	18
40+	64	33	22	0	0	0	0	3	1	0	5
Unknown	0	0	0	0	0	0	0	0	0	0	0
New Castle	6,391	2,847	1,849	8	89	10	1	27	455	75	1,030
<15	2	0	2	0	0	0	0	0	0	0	0
15-17	75	17	39	1	0	0	0	0	0	0	18
18-19	199	54	80	1	0	0	0	0	5	7	52
20-24	1,039	337	409	2	1	0	0	2	20	15	253
25-29	1,878	785	611	1	29	2	1	4	150	21	274
30-34	2,054	1,104	417	2	36	5	0	12	210	18	250
35-39	953	459	233	1	21	2	0	7	66	13	151
40+	191	91	58	0	2	1	0	2	4	1	32
Unknown	0	0	0	0	0	0	0	0	0	0	0
Wilmington	968	223	560	1	2	1	0	1	12	14	154
<15	1	0	1	0	0	0	0	0	0	0	0
15-17	29	1	24	0	0	0	0	0	0	0	4
18-19	59	7	36	1	0	0	0	0	0	2	13
20-24	221	18	153	0	0	0	0	0	0	3	47
25-29	267	38	180	0	1	0	0	0	2	3	43
30-34	247	97	108	0	0	0	0	1	9	4	28
35-39	117	52	45	0	0	1	0	0	1	2	16
40+	27	10	13	0	1	0	0	0	0	0	3
Unknown	0	0	0	0	0	0	0	0	0	0	0
Balance of NC County	5,423	2,624	1,289	7	87	9	1	26	443	61	876
<15	1	0	1	0	0	0	0	0	0	0	0
15-17	46	16	15	1	0	0	0	0	0	0	14
18-19	140	47	44	0	0	0	0	0	5	5	39
20-24	818	319	256	2	1	0	0	2	20	12	206
25-29	1,611	747	431	1	28	2	1	4	148	18	231
30-34	1,807	1,007	309	2	36	5	0	11	201	14	222
35-39	836	407	188	1	21	1	0	7	65	11	135
40+	164	81	45	0	1	1	0	2	4	1	29
Unknown	0	0	0	0	0	0	0	0	0	0	0
Sussex	2,272	1,284	408	10	2	0	0	4	28	13	523
<15	1	0	0	0	0	0	0	0	0	0	1
15-17	47	13	15	1	0	0	0	0	0	0	18
18-19	106	40	26	0	0	0	0	0	0	1	39
20-24	486	239	115	2	1	0	0	0	2	5	122
25-29	742	448	135	1	0	0	0	1	6	2	149
30-34	557	351	79	3	0	0	0	2	11	3	108
35-39	286	168	33	3	1	0	0	1	8	1	71
40+	47	25	5	0	0	0	0	0	1	1	15
Unknown	0	0	0	0	0	0	0	0	0	0	0

Notes:

*Includes any births that may have occurred to Aleut and Eskimo mothers.

Source: Delaware Department of Health and Social Services, Division of Public Health, Delaware Health Statistics Center

TABLE C-10. NUMBER OF LIVE BIRTHS TO MARRIED MOTHERS BY AGE OF MOTHER AND AGE OF FATHER, BY COUNTY, CITY OF WILMINGTON, AND DELAWARE, 2017

Area/ Age of Mother	Age of Father									
	Total	<15	15-17	18-19	20-24	25-29	30-34	35-39	40+	Unknown
Delaware	5,688	0	3	11	296	1,164	2,055	1,344	714	101
<15	0	0	0	0	0	0	0	0	0	0
15-17	2	0	0	0	2	0	0	0	0	0
18-19	30	0	0	5	11	10	2	0	0	2
20-24	492	0	2	6	215	189	49	12	5	14
25-29	1,693	0	0	0	58	773	630	141	56	35
30-34	2,199	0	1	0	7	166	1,202	623	172	28
35-39	1,065	0	0	0	2	23	160	522	341	17
40+	207	0	0	0	1	3	12	46	140	5
Unknown	0	0	0	0	0	0	0	0	0	0
Kent	1,142	0	2	3	134	298	361	206	119	19
<15	0	0	0	0	0	0	0	0	0	0
15-17	0	0	0	0	0	0	0	0	0	0
18-19	9	0	0	2	4	3	0	0	0	0
20-24	178	0	2	1	103	50	17	2	0	3
25-29	386	0	0	0	22	205	115	29	11	4
30-34	359	0	0	0	4	36	205	83	24	7
35-39	166	0	0	0	0	4	21	81	57	3
40+	44	0	0	0	1	0	3	11	27	2
Unknown	0	0	0	0	0	0	0	0	0	0
New Castle	3,468	0	1	5	94	588	1,343	914	464	59
<15	0	0	0	0	0	0	0	0	0	0
15-17	1	0	0	0	1	0	0	0	0	0
18-19	14	0	0	2	2	6	2	0	0	2
20-24	203	0	0	3	72	85	23	9	4	7
25-29	948	0	0	0	14	387	406	86	36	19
30-34	1,468	0	1	0	3	97	805	437	109	16
35-39	701	0	0	0	2	12	98	355	222	12
40+	133	0	0	0	0	1	9	27	93	3
Unknown	0	0	0	0	0	0	0	0	0	0
Wilmington	268	0	1	1	10	35	90	62	58	11
<15	0	0	0	0	0	0	0	0	0	0
15-17	0	0	0	0	0	0	0	0	0	0
18-19	4	0	0	1	1	0	1	0	0	1
20-24	17	0	0	0	7	5	2	2	0	1
25-29	44	0	0	0	2	16	13	4	4	5
30-34	121	0	1	0	0	13	58	29	18	2
35-39	66	0	0	0	0	1	15	26	22	2
40+	16	0	0	0	0	0	1	1	14	0
Unknown	0	0	0	0	0	0	0	0	0	0
Balance of NC County	3,200	0	0	4	84	553	1,253	852	406	48
<15	0	0	0	0	0	0	0	0	0	0
15-17	1	0	0	0	1	0	0	0	0	0
18-19	10	0	0	1	1	6	1	0	0	1
20-24	186	0	0	3	65	80	21	7	4	6
25-29	904	0	0	0	12	371	393	82	32	14
30-34	1,347	0	0	0	3	84	747	408	91	14
35-39	635	0	0	0	2	11	83	329	200	10
40+	117	0	0	0	0	1	8	26	79	3
Unknown	0	0	0	0	0	0	0	0	0	0
Sussex	1,078	0	0	3	68	278	351	224	131	23
<15	0	0	0	0	0	0	0	0	0	0
15-17	1	0	0	0	1	0	0	0	0	0
18-19	7	0	0	1	5	1	0	0	0	0
20-24	111	0	0	2	40	54	9	1	1	4
25-29	359	0	0	0	22	181	109	26	9	12
30-34	372	0	0	0	0	33	192	103	39	5
35-39	198	0	0	0	0	7	41	86	62	2
40+	30	0	0	0	0	2	0	8	20	0
Unknown	0	0	0	0	0	0	0	0	0	0

Note:

This table only includes births to married mothers since information regarding the father is not usually collected when the mother is single. See Technical Notes for details.

Source: Delaware Department of Health and Social Services, Division of Public Health, Delaware Health Statistics Center

TABLE C-11. NUMBER OF LIVE BIRTHS BY EDUCATION AND AGE OF MOTHER, BY COUNTY, CITY OF WILMINGTON, AND DELAWARE, 2017

Area/ Education	Age									
	Total	<15	15-17	18-19	20-24	25-29	30-34	35-39	40+	Unknown
Delaware	10,835	4	160	392	2,014	3,333	3,149	1,481	302	0
<9	537	3	10	25	93	157	139	86	24	0
9 to 11	1,040	1	132	128	253	264	165	85	12	0
H.S. Graduate	2,906	0	15	197	921	908	572	236	57	0
1 to 3 College	2,923	0	2	40	637	1,063	755	347	79	0
4+ College	3,380	0	0	0	100	927	1,505	721	127	0
Unknown	49	0	1	2	10	14	13	6	3	0
Kent	2,172	1	38	87	489	713	538	242	64	0
<9	89	0	1	3	20	25	26	10	4	0
9 to 11	220	1	31	20	65	47	38	15	3	0
H.S. Graduate	583	0	5	52	178	186	111	35	16	0
1 to 3 College	741	0	0	12	196	284	168	65	16	0
4+ College	524	0	0	0	26	168	191	116	23	0
Unknown	15	0	1	0	4	3	4	1	2	0
New Castle	6,391	2	75	199	1,039	1,878	2,054	953	191	0
<9	195	2	5	3	27	48	55	43	12	0
9 to 11	530	0	62	78	124	131	92	36	7	0
H.S. Graduate	1,652	0	7	98	515	520	337	141	34	0
1 to 3 College	1,584	0	1	19	308	541	443	223	49	0
4+ College	2,399	0	0	0	60	627	1,118	505	89	0
Unknown	31	0	0	1	5	11	9	5	0	0
Wilmington	968	1	29	59	221	267	247	117	27	0
<9	31	1	3	1	2	10	6	7	1	0
9 to 11	155	0	25	27	31	33	26	10	3	0
H.S. Graduate	386	0	1	28	134	121	71	23	8	0
1 to 3 College	197	0	0	3	47	67	51	26	3	0
4+ College	188	0	0	0	6	34	87	49	12	0
Unknown	11	0	0	0	1	2	6	2	0	0
Balance of NC County	5,423	1	46	140	818	1,611	1,807	836	164	0
<9	164	1	2	2	25	38	49	36	11	0
9 to 11	375	0	37	51	93	98	66	26	4	0
H.S. Graduate	1,266	0	6	70	381	399	266	118	26	0
1 to 3 College	1,387	0	1	16	261	474	392	197	46	0
4+ College	2,211	0	0	0	54	593	1,031	456	77	0
Unknown	20	0	0	1	4	9	3	3	0	0
Sussex	2,272	1	47	106	486	742	557	286	47	0
<9	253	1	4	19	46	84	58	33	8	0
9 to 11	290	0	39	30	64	86	35	34	2	0
H.S. Graduate	671	0	3	47	228	202	124	60	7	0
1 to 3 College	598	0	1	9	133	238	144	59	14	0
4+ College	457	0	0	0	14	132	196	100	15	0
Unknown	3	0	0	1	1	0	0	0	1	0

Source: Delaware Department of Health and Social Services, Division of Public Health, Delaware Health Statistics Center

TABLE C-12. NUMBER AND PERCENT OF LIVE BIRTHS BY EDUCATION, RACE, AND HISPANIC ORIGIN OF MOTHER , BY COUNTY, CITY OF WILMINGTON, AND DELAWARE, 2017

Area/ Education	All Races		Non-Hispanic						Hispanic Origin	
	Number	Percent	White		Black		Other		Number	Percent
			Number	Percent	Number	Percent	Number	Percent		
Delaware	10,835	100	5,309	100	2,932	100	821	100	1,773	100
<9	537	5	106	2	30	1	12	1	389	22
9 to 11	1,040	10	345	6	345	12	36	4	314	18
H.S. Grad.	2,906	27	1,141	21	1,152	39	93	11	520	29
1 to 3 College	2,923	27	1,563	29	890	30	109	13	361	20
4+ College	3,380	31	2,140	40	500	17	565	69	175	10
Unknown	49	0	14	0	15	1	6	1	14	1
Kent	2,172	100	1,178	100	675	100	99	100	220	100
<9	89	4	64	5	8	1	1	1	16	7
9 to 11	220	10	97	8	89	13	10	10	24	11
H.S. Grad.	583	27	258	22	235	35	23	23	67	30
1 to 3 College	741	34	413	35	233	35	25	25	70	32
4+ College	524	24	344	29	104	15	39	39	37	17
Unknown	15	1	2	0	6	1	1	1	6	3
New Castle	6,391	100	2,847	100	1,849	100	665	100	1,030	100
<9	195	3	24	1	16	1	11	2	144	14
9 to 11	530	8	134	5	183	10	21	3	192	19
H.S. Grad.	1,652	26	536	19	727	39	53	8	336	33
1 to 3 College	1,584	25	736	26	552	30	67	10	229	22
4+ College	2,399	38	1,406	49	362	20	509	77	122	12
Unknown	31	0	11	0	9	0	4	1	7	1
Wilmington	968	100	223	100	560	100	31	100	154	100
<9	31	3	3	1	6	1	0	0	22	14
9 to 11	155	16	20	9	101	18	6	19	28	18
H.S. Grad.	386	40	37	17	289	52	5	16	55	36
1 to 3 College	197	20	32	14	122	22	5	16	38	25
4+ College	188	19	127	57	38	7	14	45	9	6
Unknown	11	1	4	2	4	1	1	3	2	1
Balance of NC County	5,423	100	2,624	100	1,289	100	634	100	876	100
<9	164	3	21	1	10	1	11	2	122	14
9 to 11	375	7	114	4	82	6	15	2	164	19
H.S. Grad.	1,266	23	499	19	438	34	48	8	281	32
1 to 3 College	1,387	26	704	27	430	33	62	10	191	22
4+ College	2,211	41	1,279	49	324	25	495	78	113	13
Unknown	20	0	7	0	5	0	3	0	5	1
Sussex	2,272	100	1,284	100	408	100	57	100	523	100
<9	253	11	18	1	6	1	0	0	229	44
9 to 11	290	13	114	9	73	18	5	9	98	19
H.S. Grad.	671	30	347	27	190	47	17	30	117	22
1 to 3 College	598	26	414	32	105	26	17	30	62	12
4+ College	457	20	390	30	34	8	17	30	16	3
Unknown	3	0	1	0	0	0	1	2	1	0

Notes:

1. Percentages may not add to 100% due to rounding.
2. Percentages are calculated based upon the total number of births in each race/origin category.
3. Percentages for the categories "Other" and "Hispanic" should be interpreted with caution due to small numbers.

Source: Delaware Department of Health and Social Services, Division of Public Health, Delaware Health Statistics Center

TABLE C-13. FIVE-YEAR AVERAGE PERCENTAGE OF LIVE BIRTHS TO SINGLE MOTHERS BY AGE OF MOTHER, BY COUNTY, CITY OF WILMINGTON, U.S., AND DELAWARE, 2000-2017

ALL RACES

Area/ Age	2000 -2004	2001 -2005	2002 -2006	2003 -2007	2004 -2008	2005 -2009	2006 -2010	2007 -2011	2008 -2012	2009 -2013	2010 -2014	2011 -2015	2012 -2016	2013 -2017
U.S.	34.2	35.0	36.0	37.1	38.3	39.4	40.1	40.6	40.8	40.8	40.6	40.5	40.3	39.2
<20	80.5	81.4	82.5	83.6	84.7	85.6	86.4	87.2	87.9	88.3	88.6	88.8	88.9	58.8
20-24	51.9	53.3	54.8	56.4	57.9	59.3	60.6	61.8	62.9	63.8	64.6	65.2	65.5	59.4
25-29	25.5	26.7	28.1	29.4	30.8	31.9	32.8	33.5	34.1	34.6	35.2	35.9	36.7	36.9
30+	15.0	15.5	16.1	16.9	17.8	18.6	19.4	20.1	20.7	21.2	21.6	22.0	22.4	25.3
Delaware	40.5	41.8	42.9	44.1	45.4	46.4	47.0	47.6	47.7	47.6	47.4	47.2	46.6	46.7
<20	90.1	90.8	91.4	92.1	92.8	93.2	93.3	93.7	93.9	94.0	94.2	94.4	94.5	94.7
20-24	65.8	67.3	68.3	69.6	70.6	71.6	72.7	73.9	74.5	75.0	75.7	76.1	76.0	76.0
25-29	30.2	32.5	34.4	36.3	38.0	39.6	40.6	41.9	42.7	43.6	43.8	44.6	44.8	45.9
30+	15.8	16.9	17.7	18.5	19.8	20.9	21.8	22.9	24.0	24.8	25.7	26.5	26.9	27.8
Kent	40.6	41.5	41.8	42.8	43.6	43.9	44.0	45.0	45.1	45.0	45.0	45.7	45.7	46.2
<20	84.8	85.8	86.1	87.3	88.6	89.0	89.1	90.0	90.3	91.4	91.8	92.5	92.5	92.8
20-24	53.5	55.1	57.1	58.9	60.1	60.9	61.6	63.0	64.2	64.9	66.1	67.8	67.8	67.1
25-29	29.2	30.0	30.6	31.1	32.5	33.1	34.2	35.5	36.9	37.0	37.8	39.6	40.4	41.9
30+	16.2	17.4	17.4	18.5	19.6	20.6	20.9	22.5	22.9	23.8	24.6	25.8	26.6	28.4
New Castle	38.1	39.2	40.4	41.4	42.6	44.0	44.8	45.4	45.7	45.8	45.5	45.1	44.6	44.7
<20	92.0	92.4	93.0	93.5	94.3	94.9	95.1	95.3	95.4	94.9	95.1	95.3	95.4	95.3
20-24	70.8	71.8	72.2	73.5	74.2	75.5	76.8	78.1	78.5	79.1	79.8	80.1	80.4	80.5
25-29	28.8	31.3	33.5	35.6	37.3	39.1	40.3	41.8	42.6	43.7	43.9	44.2	44.5	45.8
30+	14.3	15.2	16.0	16.8	18.0	19.3	20.2	21.2	22.3	23.1	23.9	24.6	25.1	25.9
Wilmington	68.9	69.7	69.9	70.3	71.0	71.6	71.1	70.6	70.1	69.3	68.1	68.2	68.3	68.8
<20	95.8	96.0	96.4	97.0	97.6	98.1	97.9	97.9	97.7	97.5	96.9	97.1	97.2	96.8
20-24	85.3	86.1	86.6	87.6	88.3	89.5	90.0	90.7	90.5	90.8	90.9	91.5	91.0	91.4
25-29	58.5	61.9	62.8	63.4	63.5	65.8	65.4	66.7	67.9	69.7	68.0	69.4	69.4	72.1
30+	36.2	37.9	37.7	38.7	40.5	41.2	40.4	40.1	40.9	40.2	41.2	42.7	45.2	45.8
Balance of NC County	31.7	32.9	34.2	35.4	36.7	38.0	39.2	40.3	40.8	41.2	41.2	40.8	40.2	40.3
<20	90.0	90.4	91.1	91.7	92.6	93.2	93.7	94.1	94.4	93.8	94.3	94.5	94.6	94.7
20-24	65.9	67.2	67.5	68.9	69.7	71.0	72.6	74.3	75.1	76.0	76.9	77.2	77.6	77.6
25-29	24.0	26.4	28.6	30.8	32.6	34.0	35.6	37.2	38.0	39.1	39.8	39.9	40.3	41.3
30+	11.7	12.4	13.3	14.0	15.1	16.3	17.4	18.5	19.7	20.7	21.4	22.0	22.3	23.1
Sussex	48.8	51.0	52.4	53.9	55.3	56.1	56.2	56.6	56.1	55.8	55.4	54.9	53.5	53.3
<20	90.1	91.6	92.0	92.8	93.0	93.0	92.6	93.3	93.2	93.8	94.3	94.1	94.2	94.8
20-24	66.4	68.9	70.3	71.3	72.5	73.4	74.4	75.6	75.9	76.0	76.3	76.0	75.0	75.6
25-29	36.2	38.8	41.3	43.8	45.2	47.4	47.6	48.7	48.8	50.0	49.6	50.7	50.1	50.5
30+	22.8	24.6	26.1	26.6	28.0	28.6	29.5	30.6	31.7	32.2	33.7	34.3	33.8	33.9

Sources: National Center for Health Statistics
Delaware Department of Health and Social Services, Division of Public Health, Delaware Health Statistics Center

TABLE C-14. FIVE-YER AVERAGE PERCENTAGE OF LIVE BIRTHS TO SINGLE MOTHERS BY AGE OF MOTHER, BY COUNTY, CITY OF WILMINGTON, U.S., AND DELAWARE, 2000-2017

NON-HISPANIC WHITE

Area/ Age	2000 -2004	2001 -2005	2002 -2006	2003 -2007	2004 -2008	2005 -2009	2006 -2010	2007 -2011	2008 -2012	2009 -2013	2010 -2014	2011 -2015	2012 -2016	2013 -2017
U.S.	23.1	23.8	24.6	25.6	26.6	27.5	28.2	28.7	29.0	29.1	29.2	29.2	29.2	28.8
<20	75.5	76.7	77.8	79.0	80.0	80.9	81.8	82.8	83.5	84.1	84.6	84.8	85.0	84.8
20-24	41.4	43.0	44.6	46.2	47.7	49.1	50.4	51.6	52.7	53.7	54.6	55.2	55.7	55.6
25-29	15.5	16.4	17.4	18.5	19.7	20.7	21.5	22.2	22.9	23.5	24.2	25.0	25.8	26.3
30+	8.5	8.8	9.2	9.6	10.2	10.7	11.3	11.9	12.5	13.0	13.5	13.9	14.4	14.5
Delaware	27.1	28.2	29.3	30.3	31.3	32.5	33.3	34.2	34.8	35.2	35.5	35.4	35.1	34.9
<20	86.1	87.2	88.3	89.3	90.0	90.5	91.1	91.5	92.0	92.3	92.6	92.4	92.2	91.7
20-24	54.4	56.6	58.3	59.7	60.8	61.7	62.8	64.1	65.0	65.7	67.0	67.5	67.5	67.6
25-29	18.6	20.3	22.1	23.6	25.2	27.0	28.2	29.7	30.6	31.9	32.5	33.3	33.9	35.1
30+	9.4	10.0	10.4	10.7	11.6	12.3	12.9	14.1	15.4	16.3	17.4	18.3	18.8	19.0
Kent	30.1	30.8	31.3	32.3	32.8	32.9	33.0	33.9	33.9	34.0	34.5	34.7	34.6	34.8
<20	79.2	80.4	82.0	83.4	84.5	84.9	85.9	86.5	87.4	89.0	89.3	89.5	89.0	89.5
20-24	42.3	44.3	46.7	48.1	49.3	49.7	50.5	51.4	53.0	53.8	55.4	56.4	56.5	55.9
25-29	20.2	20.9	21.6	22.0	22.8	23.1	24.2	25.5	26.0	26.5	27.7	28.5	28.9	30.6
30+	11.5	12.3	12.2	13.1	13.9	14.3	14.2	15.8	16.5	17.2	18.0	19.3	19.8	20.3
New Castle	24.0	25.0	26.0	26.8	27.8	29.3	30.3	31.4	32.1	32.6	32.8	32.6	32.3	32.2
<20	90.4	91.2	91.9	92.6	93.1	93.8	94.0	93.8	94.1	93.7	93.3	93.0	93.2	91.8
20-24	61.5	63.6	64.2	66.0	67.3	68.8	69.8	71.2	71.3	71.4	72.4	72.9	73.5	74.3
25-29	17.2	19.1	21.3	23.2	24.9	27.0	28.8	30.6	31.5	33.1	33.6	33.8	34.3	35.5
30+	8.0	8.5	8.9	9.1	9.9	10.6	11.3	12.4	14.0	15.0	15.9	16.8	17.4	17.6
Wilmington	28.7	29.9	28.7	30.3	31.2	32.5	32.1	34.6	34.9	34.4	32.7	33.2	32.3	32.5
<20	97.6	97.5	98.4	100.0	96.6	94.9	92.9	93.7	92.5	94.3	93.8	95.0	94.2	89.4
20-24	73.1	77.5	75.7	81.1	81.0	79.2	77.1	80.5	78.3	78.1	80.5	84.9	82.7	86.1
25-29	25.9	29.5	29.7	31.5	32.2	36.5	35.5	39.9	41.4	42.4	39.3	40.2	40.1	43.2
30+	10.6	11.5	11.0	11.3	13.0	13.3	13.3	14.5	15.6	14.9	15.3	16.4	17.3	17.9
Balance of NC County	23.7	24.7	25.8	26.5	27.6	29.0	30.1	31.1	31.9	32.4	32.8	32.5	32.3	32.1
<20	89.9	90.7	91.5	92.2	92.9	93.8	94.1	93.8	94.2	93.6	93.3	92.7	93.0	92.1
20-24	60.9	62.8	63.6	65.1	66.5	68.2	69.3	70.5	70.8	70.9	71.9	72.1	72.9	73.6
25-29	16.6	18.5	20.8	22.7	24.3	26.3	28.3	29.9	30.7	32.3	33.2	33.3	33.9	34.9
30+	7.8	8.2	8.8	8.9	9.6	10.4	11.1	12.2	13.8	15.0	16.0	16.9	17.5	17.6
Sussex	34.2	35.7	37.6	38.5	40.0	41.1	41.6	42.2	43.0	43.3	43.6	43.4	42.6	41.8
<20	84.8	86.5	87.7	89.0	89.8	90.3	90.9	92.1	92.4	93.0	94.2	93.7	93.4	93.4
20-24	54.9	57.9	61.0	61.6	62.4	63.4	64.7	66.0	67.6	68.9	70.2	70.4	70.0	70.1
25-29	21.8	23.6	25.0	26.4	28.7	31.4	31.3	32.3	33.5	35.0	35.2	37.2	38.1	39.1
30+	13.7	14.6	15.3	15.6	16.7	17.2	18.1	19.1	19.9	20.3	22.0	22.6	22.5	22.7

Note:

Births prior to 1989 are reported by race of child. Beginning in 1989, births are reported by race of mother. See Technical Notes for details.

Sources: National Center for Health Statistics

Delaware Department of Health and Social Services, Division of Public Health, Delaware Health Statistics Center

TABLE C-15. FIVE-YEAR AVERAGE PERCENTAGE OF LIVE BIRTHS TO SINGLE MOTHERS BY AGE OF MOTHER, BY COUNTY, CITY OF WILMINGTON, U.S., AND DELAWARE, 2000-2017

NON-HISPANIC BLACK

Area/ Age	2000 -2004	2001 -2005	2002 -2006	2003 -2007	2004 -2008	2005 -2009	2006 -2010	2007 -2011	2008 -2012	2009 -2013	2010 -2014	2011 -2015	2012 -2016	2013 -2017
U.S.	68.7	68.9	69.4	70.0	70.8	71.5	72.0	72.3	72.4	72.3	71.9	71.5	71.0	69.8
<20	96.1	96.3	96.5	96.8	97.0	97.2	97.4	97.5	97.6	97.7	97.7	97.6	97.6	96.9
20-24	81.6	82.2	82.8	83.5	84.3	85.1	85.9	86.7	87.3	87.8	88.1	88.3	88.3	87.6
25-29	58.9	60.0	61.2	62.4	63.5	64.5	65.4	66.1	66.7	67.2	67.7	68.4	69.0	68.9
30+	44.4	41.8	42.0	42.7	43.5	44.5	45.3	46.1	46.8	47.3	47.6	47.9	48.1	47.7
Delaware	70.8	70.7	70.6	70.9	71.5	71.6	71.9	72.1	72.2	71.9	71.6	71.2	70.6	70.5
<20	97.5	97.5	97.3	97.7	98.0	98.0	97.9	98.2	98.0	98.0	98.0	98.3	98.2	98.7
20-24	85.0	85.4	85.4	86.1	86.9	87.8	88.4	89.1	89.4	89.5	90.0	90.4	90.5	90.4
25-29	60.2	61.5	62.8	63.8	65.2	65.9	66.8	67.7	69.4	69.9	70.0	70.5	70.7	70.7
30+	39.5	40.1	40.0	40.8	41.3	41.9	42.9	43.5	44.0	45.0	45.9	46.7	47.3	48.9
Kent	69.4	68.8	68.3	67.8	68.0	68.3	67.9	68.0	69.3	68.8	68.1	69.1	68.6	67.7
<20	94.9	94.2	93.3	93.9	94.7	95.1	95.2	96.5	96.3	97.0	96.6	97.1	97.0	98.0
20-24	79.1	79.3	79.7	80.3	81.1	82.4	82.1	83.0	84.0	84.3	85.6	87.6	87.3	86.0
25-29	56.9	56.6	57.5	56.1	58.6	59.4	60.5	60.8	65.0	63.7	64.2	66.5	67.9	66.2
30+	36.7	37.1	36.9	36.9	36.8	37.6	38.5	39.1	40.5	42.1	41.7	43.0	43.3	46.0
New Castle	69.6	69.5	69.6	70.1	70.7	70.9	71.3	71.4	71.3	71.2	71.0	70.6	70.1	70.3
<20	98.4	98.3	98.5	98.7	98.9	98.9	98.8	98.7	98.6	98.2	98.3	98.5	98.2	98.8
20-24	87.2	87.6	87.5	88.3	88.7	89.4	90.0	90.4	90.6	90.7	91.2	91.4	91.9	91.8
25-29	60.0	62.0	63.5	65.4	66.5	67.1	67.4	68.4	69.1	70.0	70.0	70.3	70.5	71.3
30+	38.6	39.2	39.2	40.3	41.3	42.3	43.3	44.1	44.2	45.3	46.5	47.3	48.0	49.5
Wilmington	85.0	85.4	85.3	85.3	85.5	85.7	85.4	85.0	84.8	84.9	85.1	85.3	86.0	86.5
<20	98.9	98.9	99.2	99.3	99.3	99.4	99.0	98.9	99.1	99.1	99.3	99.5	99.4	99.4
20-24	91.8	92.1	92.4	93.3	93.5	94.2	94.4	94.5	94.7	94.9	95.0	95.3	95.2	95.0
25-29	75.4	77.4	77.6	77.6	78.1	79.9	80.2	80.4	81.5	82.9	82.0	82.8	83.6	84.6
30+	61.5	63.9	62.7	63.3	64.1	64.3	63.5	63.5	63.4	64.5	67.7	69.4	72.6	74.5
Balance of NC County	59.0	59.1	59.5	60.5	61.5	61.6	63.0	64.1	64.3	64.6	64.7	64.0	63.1	63.3
<20	97.7	97.5	97.5	98.0	98.4	98.3	98.6	98.5	98.1	97.5	97.4	97.6	97.3	98.3
20-24	83.1	83.7	83.2	84.2	84.8	85.6	86.6	87.7	88.1	88.4	89.2	89.3	90.1	90.0
25-29	51.8	54.3	56.3	59.0	60.4	59.9	60.8	62.3	63.1	63.9	64.7	64.8	64.8	65.6
30+	30.2	30.4	30.9	32.4	33.3	34.3	36.2	37.5	37.7	39.0	39.9	40.4	40.5	42.1
Sussex	77.8	78.7	78.1	78.3	79.4	79.4	80.6	80.8	80.6	79.9	79.4	77.7	76.3	76.1
<20	97.3	98.0	97.7	98.2	98.2	97.7	97.7	98.0	97.6	98.1	98.9	98.8	99.5	99.5
20-24	84.3	85.1	84.9	85.6	87.6	88.6	91.0	91.7	91.8	91.7	91.3	90.6	89.7	91.2
25-29	66.0	65.8	67.1	67.3	68.2	70.3	73.6	75.0	77.4	79.3	79.0	78.1	76.7	75.0
30+	49.3	51.5	50.7	50.0	48.9	45.8	47.8	47.4	49.1	48.2	50.0	49.4	49.9	50.3

Note:

Births prior to 1989 are reported by race of child. Beginning in 1989, births are reported by race of mother. See Technical Notes for details.

Sources: National Center for Health Statistics

Delaware Department of Health and Social Services, Division of Public Health, Delaware Health Statistics Center

TABLE C-16. FIVE-YEAR AVERAGE PERCENTAGE OF LIVE BIRTHS TO SINGLE MOTHERS BY AGE OF MOTHER, BY COUNTY, CITY OF WILMINGTON, U.S., AND DELAWARE, 2000-2017

HISPANIC ORIGIN

Area/ Age	2000 -2004	2001 -2005	2002 -2006	2003 -2007	2004 -2008	2005 -2009	2006 -2010	2007 -2011	2008 -2012	2009 -2013	2010 -2014	2011 -2015	2012 -2016	2013 -2017
U.S.	44.1	45.2	46.7	48.3	49.7	51.0	52.0	52.7	53.2	53.3	53.3	53.2	53.0	50.3
<20	74.9	76.2	78.0	79.7	81.2	82.6	83.9	85.1	86.0	86.7	87.2	87.5	87.9	84.9
20-24	52.1	53.7	55.7	57.7	59.5	61.1	62.6	63.9	65.0	65.8	66.4	67.0	67.3	64.5
25-29	35.7	37.2	39.1	40.9	42.5	44.0	45.2	46.1	46.9	47.4	47.8	48.3	48.7	46.4
30+	27.1	28.0	29.1	30.4	31.7	32.9	34.0	34.9	35.6	36.1	36.5	36.9	37.2	35.3
Delaware	56.3	58.5	59.6	61.1	62.3	63.5	63.8	64.8	64.6	64.1	63.1	63.0	61.7	61.5
<20	81.1	83.5	85.3	86.4	88.4	89.4	89.0	89.4	89.5	89.2	90.2	91.6	92.5	93.2
20-24	66.2	67.3	68.1	69.9	70.6	72.3	73.7	75.2	75.1	75.4	74.7	75.0	74.6	74.5
25-29	46.9	50.6	52.4	55.1	56.3	57.6	57.7	60.2	60.4	60.4	60.2	60.8	58.7	58.6
30+	36.4	38.2	39.9	40.2	42.6	43.9	45.1	46.0	47.5	47.7	47.6	47.5	46.6	47.0
Kent	44.5	47.8	48.4	51.9	54.4	55.0	55.0	56.5	54.8	54.8	53.7	54.7	55.3	56.4
<20	70.8	76.6	77.3	80.8	84.4	85.7	82.6	81.3	79.4	81.2	84.9	88.9	89.8	88.2
20-24	50.0	53.8	54.5	59.2	61.0	62.8	64.5	66.9	67.3	67.1	64.7	65.1	66.7	66.1
25-29	40.0	39.7	39.2	43.5	44.2	43.8	44.3	46.3	45.5	46.9	46.5	51.0	50.5	51.7
30+	19.8	24.3	26.9	29.1	35.8	37.2	38.2	40.0	37.2	35.5	36.5	36.0	37.1	41.0
New Castle	52.7	54.3	55.6	56.3	57.4	59.1	60.0	61.4	62.7	62.6	62.2	61.6	60.3	59.5
<20	79.3	81.3	83.4	84.3	86.8	88.7	89.5	90.7	91.4	90.6	92.1	93.1	94.1	94.7
20-24	64.6	64.8	66.0	67.4	67.7	69.8	72.2	74.2	75.2	77.5	78.0	78.8	78.8	77.9
25-29	41.7	45.5	47.2	48.7	49.8	51.4	51.7	55.1	56.8	57.1	58.0	57.6	55.5	55.5
30+	31.3	32.4	33.7	34.3	36.6	38.0	39.7	40.5	43.0	42.4	42.3	41.7	41.4	41.9
Wilmington	63.5	65.6	67.8	67.8	68.8	70.6	71.0	70.8	72.0	71.5	69.3	68.4	68.1	68.3
<20	82.2	84.5	86.0	88.1	91.5	93.6	94.4	95.1	93.8	93.2	89.9	89.6	91.3	92.3
20-24	69.0	69.4	71.8	72.7	74.2	78.1	81.8	83.2	82.2	83.1	82.2	79.5	78.8	81.0
25-29	52.4	57.2	61.6	61.9	61.0	62.0	62.5	62.0	64.5	67.3	66.8	68.1	65.8	68.6
30+	45.5	47.7	47.6	45.8	48.0	47.5	44.5	43.6	49.7	46.2	47.3	48.0	51.1	48.2
Balance of NC County	48.8	50.6	51.8	52.9	54.2	56.0	57.1	59.0	60.4	60.4	60.4	60.0	58.5	57.5
<20	77.6	79.7	82.2	82.6	85.0	86.9	87.8	89.2	90.6	89.8	92.8	94.2	95.0	95.5
20-24	62.8	63.1	64.0	65.6	65.6	67.2	69.0	71.4	73.2	75.9	76.8	78.6	78.8	77.1
25-29	38.5	42.1	43.3	45.4	46.9	48.7	49.0	53.4	54.9	54.5	55.9	55.1	53.3	52.7
30+	27.8	28.9	30.7	31.9	34.4	36.2	38.8	39.9	41.9	41.8	41.3	40.4	39.5	40.7
Sussex	67.7	70.3	71.3	73.1	73.6	73.9	72.8	72.8	70.7	69.7	68.0	68.5	66.3	66.8
<20	89.6	91.3	92.7	92.8	92.8	92.2	90.3	89.9	89.4	89.6	88.3	89.7	90.6	92.7
20-24	74.8	76.4	76.3	77.6	78.2	79.0	78.8	79.4	77.7	75.8	74.0	73.8	71.4	72.6
25-29	59.0	63.1	66.0	69.5	70.9	72.0	71.2	72.2	70.4	69.6	68.6	69.5	67.2	66.8
30+	54.0	56.4	57.5	57.7	57.7	58.1	57.3	57.6	57.4	58.9	58.3	59.4	57.1	57.1

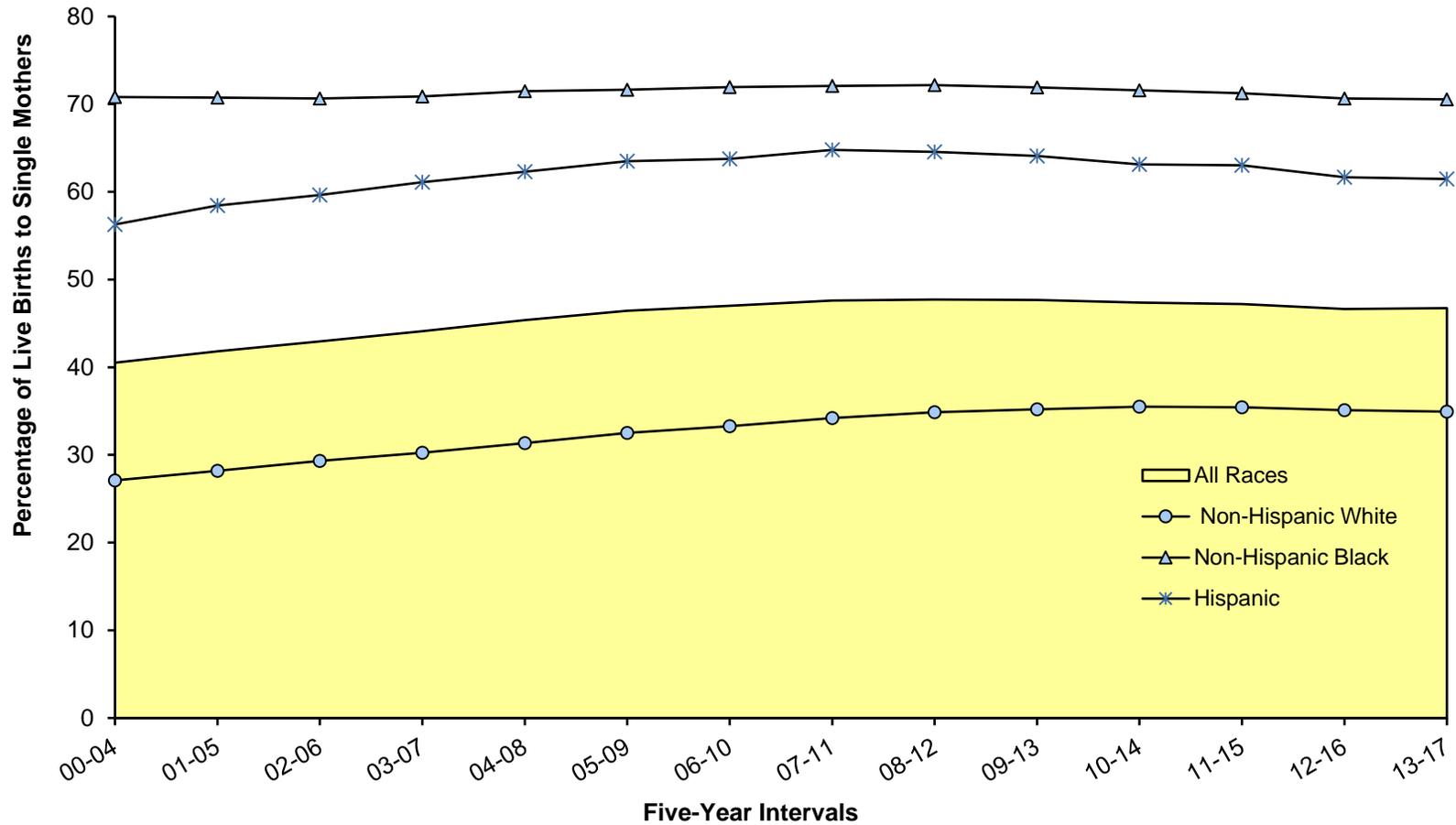
Notes:

Percentages in this table should be interpreted with caution due to small numbers.

Sources: National Center for Health Statistics

Delaware Department of Health and Social Services, Division of Public Health, Delaware Health Statistics Center

Figure C-10. Five-Year Average Percentage of Births to Single Mothers by Race and Hispanic Origin, Delaware, 2000-2017



Sources: Delaware Department of Health and Social Services, Division of Public Health, Delaware Health Statistics Center

TABLE C-17. NUMBER OF LIVE BIRTHS BY AGE, MARITAL STATUS, RACE, AND HISPANIC ORIGIN OF MOTHER, BY COUNTY, CITY OF WILMINGTON, AND DELAWARE, 2017

Area/ Age	Marital Status, Race, and Hispanic Origin														
	Total					Married					Single				
	All Races	Non-Hispanic			Hispanic Origin*	All Races	Non-Hispanic			Hispanic Origin*	All Races	Non-Hispanic			Hispanic Origin
	White	Black	Other			White	Black	Other			White	Black	Other		
Delaware	10,835	5,309	2,932	821	1,773	5,688	3,476	842	680	690	5,147	1,833	2,090	141	1,083
<15	4	0	3	0	1	0	0	0	0	0	4	0	3	0	1
15-17	160	44	69	6	41	2	1	0	0	1	158	43	69	6	40
18-19	392	127	140	19	106	30	17	1	3	9	362	110	139	16	97
20-24	2,014	824	690	65	435	492	274	70	38	110	1,522	550	620	27	325
25-29	3,333	1,626	963	247	497	1,693	1,017	257	207	212	1,640	609	706	40	285
30-34	3,149	1,777	642	329	401	2,199	1,429	272	295	203	950	348	370	34	198
35-39	1,481	762	340	139	240	1,065	618	192	126	129	416	144	148	13	111
40+	302	149	85	16	52	207	120	50	11	26	95	29	35	5	26
Unknown	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Kent	2,172	1,178	675	99	220	1,142	771	215	56	100	1,030	407	460	43	120
<15	1	0	1	0	0	0	0	0	0	0	1	0	1	0	0
15-17	38	14	15	4	5	0	0	0	0	0	38	14	15	4	5
18-19	87	33	34	5	15	9	4	0	0	5	78	29	34	5	10
20-24	489	248	166	15	60	178	118	30	9	21	311	130	136	6	39
25-29	713	393	217	29	74	386	261	75	13	37	327	132	142	16	37
30-34	538	322	146	27	43	359	257	60	19	23	179	65	86	8	20
35-39	242	135	74	15	18	166	104	38	12	12	76	31	36	3	6
40+	64	33	22	4	5	44	27	12	3	2	20	6	10	1	3
Unknown	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
New Castle	6,391	2,847	1,849	665	1,030	3,468	1,933	531	584	420	2,923	914	1,318	81	610
<15	2	0	2	0	0	0	0	0	0	0	2	0	2	0	0
15-17	75	17	39	1	18	1	1	0	0	0	74	16	39	1	18
18-19	199	54	80	13	52	14	8	0	3	3	185	46	80	10	49
20-24	1,039	337	409	40	253	203	81	35	24	63	836	256	374	16	190
25-29	1,878	785	611	208	274	948	494	147	187	120	930	291	464	21	154
30-34	2,054	1,104	417	283	250	1,468	897	181	260	130	586	207	236	23	120
35-39	953	459	233	110	151	701	378	132	102	89	252	81	101	8	62
40+	191	91	58	10	32	133	74	36	8	15	58	17	22	2	17
Unknown	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Wilmington	968	223	560	31	154	268	142	69	16	41	700	81	491	15	113
<15	1	0	1	0	0	0	0	0	0	0	1	0	1	0	0
15-17	29	1	24	0	4	0	0	0	0	0	29	1	24	0	4
18-19	59	7	36	3	13	4	3	0	0	1	55	4	36	3	12
20-24	221	18	153	3	47	17	1	9	0	7	204	17	144	3	40
25-29	267	38	180	6	43	44	14	18	3	9	223	24	162	3	34
30-34	247	97	108	14	28	121	75	26	8	12	126	22	82	6	16
35-39	117	52	45	4	16	66	42	10	4	10	51	10	35	0	6
40+	27	10	13	1	3	16	7	6	1	2	11	3	7	0	1
Unknown	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Balance of NC County	5,423	2,624	1,289	634	876	3,200	1,791	462	568	379	2,223	833	827	66	497
<15	1	0	1	0	0	0	0	0	0	0	1	0	1	0	0
15-17	46	16	15	1	14	1	1	0	0	0	45	15	15	1	14
18-19	140	47	44	10	39	10	5	0	3	2	130	42	44	7	37
20-24	818	319	256	37	206	186	80	26	24	56	632	239	230	13	150
25-29	1,611	747	431	202	231	904	480	129	184	111	707	267	302	18	120
30-34	1,807	1,007	309	269	222	1,347	822	155	252	118	460	185	154	17	104
35-39	836	407	188	106	135	635	336	122	98	79	201	71	66	8	56
40+	164	81	45	9	29	117	67	30	7	13	47	14	15	2	16
Unknown	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Sussex	2,272	1,284	408	57	523	1,078	772	96	40	170	1,194	512	312	17	353
<15	1	0	0	0	1	0	0	0	0	0	1	0	0	0	1
15-17	47	13	15	1	18	1	0	0	0	1	46	13	15	1	17
18-19	106	40	26	1	39	7	5	1	0	1	99	35	25	1	38
20-24	486	239	115	10	122	111	75	5	5	26	375	164	110	5	96
25-29	742	448	135	10	149	359	262	35	7	55	383	186	100	3	94
30-34	557	351	79	19	108	372	275	31	16	50	185	76	48	3	58
35-39	286	168	33	14	71	198	136	22	12	28	88	32	11	2	43
40+	47	25	5	2	15	30	19	2	0	9	17	6	3	2	6
Unknown	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Source: Delaware Department of Health and Social Services, Division of Public Health, Delaware Health Statistics Center

TABLE C-18. NUMBER OF LIVE BIRTHS BY LIVE BIRTH ORDER AND AGE OF MOTHER, BY COUNTY, CITY OF WILMINGTON, AND DELAWARE, 2017

Area/ Birth Order	Age									
	Total	<15	15-17	18-19	20-24	25-29	30-34	35-39	40+	Unknown
Delaware	10,835	4	160	392	2,014	3,333	3,149	1,481	302	0
First	4,099	4	154	330	1,100	1,224	937	295	55	0
Second	3,490	0	6	57	625	1,115	1,118	487	82	0
Third	1,819	0	0	5	217	568	608	359	62	0
Fourth+	1,423	0	0	0	70	425	486	339	103	0
Unknown	4	0	0	0	2	1	0	1	0	0
Kent	2,172	1	38	87	489	713	538	242	64	0
First	793	1	35	78	273	252	111	35	8	0
Second	644	0	3	7	151	220	186	62	15	0
Third	396	0	0	2	51	139	122	68	14	0
Fourth+	338	0	0	0	14	101	119	77	27	0
Unknown	1	0	0	0	0	1	0	0	0	0
New Castle	6,391	2	75	199	1,039	1,878	2,054	953	191	0
First	2,525	2	74	159	588	765	679	221	37	0
Second	2,096	0	1	37	304	619	730	344	61	0
Third	999	0	0	3	105	281	363	210	37	0
Fourth+	768	0	0	0	40	213	282	177	56	0
Unknown	3	0	0	0	2	0	0	1	0	0
Wilmington	968	1	29	59	221	267	247	117	27	0
First	349	1	29	39	102	71	67	28	12	0
Second	263	0	0	19	70	74	64	33	3	0
Third	155	0	0	1	36	57	38	18	5	0
Fourth+	201	0	0	0	13	65	78	38	7	0
Unknown	0	0	0	0	0	0	0	0	0	0
Balance of NC County	5,423	1	46	140	818	1,611	1,807	836	164	0
First	2,176	1	45	120	486	694	612	193	25	0
Second	1,833	0	1	18	234	545	666	311	58	0
Third	844	0	0	2	69	224	325	192	32	0
Fourth+	567	0	0	0	27	148	204	139	49	0
Unknown	3	0	0	0	2	0	0	1	0	0
Sussex	2,272	1	47	106	486	742	557	286	47	0
First	781	1	45	93	239	207	147	39	10	0
Second	750	0	2	13	170	276	202	81	6	0
Third	424	0	0	0	61	148	123	81	11	0
Fourth+	317	0	0	0	16	111	85	85	20	0
Unknown	0	0	0	0	0	0	0	0	0	0

Note:

Live birth order is the number of children born alive to the mother including the current birth.

Source: Delaware Department of Health and Social Services, Division of Public Health, Delaware Health Statistics Center

TABLE C-19. NUMBER AND PERCENT OF LIVE BIRTHS BY LIVE BIRTH ORDER, RACE, AND HISPANIC ORIGIN OF MOTHER, BY COUNTY, CITY OF WILMINGTON, AND DELAWARE, 2017

Area/ Birth Order	All Races		Non-Hispanic						Hispanic Origin*	
	Number	Percent	White		Black		Other		Number	Percent
			Number	Percent	Number	Percent	Number	Percent		
Delaware	10,835	100.0	5,309	100.0	2,932	100.0	821	100.0	1,773	100.0
First	4,099	37.8	2,119	39.9	1,027	35.0	402	49.0	551	31.1
Second	3,490	32.2	1,858	35.0	807	27.5	286	34.8	539	30.4
Third	1,819	16.8	832	15.7	556	19.0	71	8.6	360	20.3
Fourth+	1,423	13.1	500	9.4	542	18.5	61	7.4	320	18.0
Unknown	4	0.0	0	0.0	0	0.0	1	0.1	3	0.2
Kent	2,172	100.0	1,178	100.0	675	100.0	99	100.0	220	100.0
First	793	36.5	432	36.7	232	34.4	38	38.4	91	41.4
Second	644	29.7	377	32.0	175	25.9	30	30.3	62	28.2
Third	396	18.2	209	17.7	140	20.7	15	15.2	32	14.5
Fourth+	338	15.6	160	13.6	128	19.0	16	16.2	34	15.5
Unknown	1	0.0	0	0.0	0	0.0	0	0.0	1	0.5
New Castle	6,391	100.0	2,847	100.0	1,849	100.0	665	100.0	1,030	100.0
First	2,525	39.5	1,217	42.7	653	35.3	349	52.5	306	29.7
Second	2,096	32.8	1,016	35.7	521	28.2	234	35.2	325	31.6
Third	999	15.6	400	14.0	337	18.2	44	6.6	218	21.2
Fourth+	768	12.0	214	7.5	338	18.3	37	5.6	179	17.4
Unknown	3	0.0	0	0.0	0	0.0	1	0.2	2	0.2
Wilmington	968	100.0	223	100.0	560	100.0	31	100.0	154	100.0
First	349	36.1	103	46.2	179	32.0	16	51.6	51	33.1
Second	263	27.2	75	33.6	143	25.5	6	19.4	39	25.3
Third	155	16.0	24	10.8	92	16.4	2	6.5	37	24.0
Fourth+	201	20.8	21	9.4	146	26.1	7	22.6	27	17.5
Unknown	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Balance of NC County	5,423	100.0	2,624	100.0	1,289	100.0	634	100.0	876	100.0
First	2,176	40.1	1,114	42.5	474	36.8	333	52.5	255	29.1
Second	1,833	33.8	941	35.9	378	29.3	228	36.0	286	32.6
Third	844	15.6	376	14.3	245	19.0	42	6.6	181	20.7
Fourth+	567	10.5	193	7.4	192	14.9	30	4.7	152	17.4
Unknown	3	0.1	0	0.0	0	0.0	1	0.2	2	0.2
Sussex	2,272	100.0	1,284	100.0	408	100.0	57	100.0	523	100.0
First	781	34.4	470	36.6	142	34.8	15	26.3	154	29.4
Second	750	33.0	465	36.2	111	27.2	22	38.6	152	29.1
Third	424	18.7	223	17.4	79	19.4	12	21.1	110	21.0
Fourth+	317	14.0	126	9.8	76	18.6	8	14.0	107	20.5
Unknown	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0

Notes:

1. Live birth order is the number of children born alive to the mother including the current birth.
 2. Percentages may not add to 100% due to rounding.
 3. Percentages are calculated based upon the total number of births in each race/origin category.
 4. Percentages for the categories "Other" and "Hispanic" should be interpreted with caution due to small numbers.
- * Mothers of Hispanic origin may be of any race. See Hispanic Origin and Race in the Technical Notes.

Source: Delaware Department of Health and Social Services, Division of Public Health, Delaware Health Statistics Center

TABLE C-20. NUMBER OF LIVE BIRTHS BY PLURALITY AND AGE OF MOTHER, BY COUNTY, CITY OF WILMINGTON, AND DELAWARE, 2017

Area/ Plurality	Age									
	Total	<15	15-17	18-19	20-24	25-29	30-34	35-39	40+	Unknown
Delaware	10,835	4	160	392	2,014	3,333	3,149	1,481	302	0
Single	10,453	4	160	388	1,957	3,207	3,032	1,415	290	0
Plural	382	0	0	4	57	126	117	66	12	0
Kent	2,172	1	38	87	489	713	538	242	64	0
Single	2,081	1	38	87	472	677	522	228	56	0
Plural	91	0	0	0	17	36	16	14	8	0
New Castle	6,391	2	75	199	1,039	1,878	2,054	953	191	0
Single	6,165	2	75	195	1,009	1,804	1,976	917	187	0
Plural	226	0	0	4	30	74	78	36	4	0
Wilmington	968	1	29	59	221	267	247	117	27	0
Single	923	1	29	57	215	249	239	106	27	0
Plural	45	0	0	2	6	18	8	11	0	0
Balance of NC County	5,423	1	46	140	818	1,611	1,807	836	164	0
Single	5,242	1	46	138	794	1,555	1,737	811	160	0
Plural	181	0	0	2	24	56	70	25	4	0
Sussex	2,272	1	47	106	486	742	557	286	47	0
Single	2,207	1	47	106	476	726	534	270	47	0
Plural	65	0	0	0	10	16	23	16	0	0

Note:
Plural births represent twins, triplets, etc.

Source: Delaware Department of Health and Social Services, Division of Public Health, Delaware Health Statistics Center

TABLE C-21. NUMBER AND PERCENT OF LIVE BIRTHS BY PLURALITY, RACE, AND HISPANIC ORIGIN OF MOTHER, BY COUNTY, CITY OF WILMINGTON, AND DELAWARE, 2017

Area/ Plurality	All Races		Non-Hispanic						Hispanic Origin*	
	Number	Percent	White		Black		Other		Number	Percent
			Number	Percent	Number	Percent	Number	Percent		
Delaware	10,835	100.0	5,309	100.0	2,932	100.0	821	100.0	1,773	100.0
Single	10,453	96.5	5,149	97.0	2,813	95.9	787	95.9	1,704	96.1
Plural	382	3.5	160	3.0	119	4.1	34	4.1	69	3.9
Kent	2,172	100.0	1,178	100.0	675	100.0	99	100.0	220	100.0
Single	2,081	95.8	1,134	96.3	656	97.2	87	87.9	204	92.7
Plural	91	4.2	44	3.7	19	2.8	12	12.1	16	7.3
New Castle	6,391	100.0	2,847	100.0	1,849	100.0	665	100.0	1,030	100.0
Single	6,165	96.5	2,767	97.2	1,766	95.5	645	97.0	987	95.8
Plural	226	3.5	80	2.8	83	4.5	20	3.0	43	4.2
Wilmington	968	100.0	223	100.0	560	100.0	31	100.0	154	100.0
Single	923	95.4	209	93.7	535	95.5	29	93.5	150	97.4
Plural	45	4.6	14	6.3	25	4.5	2	6.5	4	2.6
Balance of NC County	5,423	100.0	2,624	100.0	1,289	100.0	634	100.0	876	100.0
Single	5,242	96.7	2,558	97.5	1,231	95.5	616	97.2	837	95.5
Plural	181	3.3	66	2.5	58	4.5	18	2.8	39	4.5
Sussex	2,272	100.0	1,284	100.0	408	100.0	57	100.0	523	100.0
Single	2,207	97.1	1,248	97.2	391	95.8	55	96.5	513	98.1
Plural	65	2.9	36	2.8	17	4.2	2	3.5	10	1.9

Notes:

1. Plural births represent twins, triplets, etc.
 2. Percentages may not add to 100% due to rounding.
 3. Percentages are calculated based upon the total number of births in each race/origin category.
 4. Percentages for the categories "Other" and "Hispanic" should be interpreted with caution due to small numbers.
- * Mothers of Hispanic origin may be of any race. See Hispanic Origin and Race in the Technical Notes.

Source: Delaware Department of Health and Social Services, Division of Public Health, Delaware Health Statistics Center

TABLE C-22. NUMBER AND PERCENT OF LIVE BIRTHS BY PLACE OF BIRTH, TYPE OF FACILITY, AND RESIDENCE STATUS, DELAWARE, 2017

Place of Birth/ Type of Facility	Births to Delaware Residents		Births Occurring in Delaware		Births in Delaware to Non-Residents	
	Number	Percent	Number	Percent	Number	Percent
DELAWARE						
HOSPITAL						
Beebe Medical Center	817	8	843	7	26	3
Kent General	1,882	17	1,923	17	41	4
Christiana Care	5,489	51	6,236	55	747	78
Milford Memorial	330	3	335	3	5	1
Nanticoke Memorial	851	8	882	8	31	3
St. Francis	709	7	753	7	44	5
A.I.DuPont	1	0	1	0	-	-
Total	10,079	93	10,973	97	894	93
BIRTHING CENTER	135	1	201	2	66	7
HOME BIRTH	82	1	82	1	-	-
ENROUTE/OTHER	9	0	9	0	-	-
UNKNOWN	-	-	-	-	-	-
TOTAL	10,305	95	11,265	100	960	100
OUT-OF-STATE						
HOSPITAL						
Crozier Med. Center, PA	72	0.7	N/A		N/A	
Peninsula General, MD	123	1.1	N/A		N/A	
Riddle Memorial, PA	39	0.4	N/A		N/A	
Other Hospitals	264	2.4	N/A		N/A	
Total	498	4.6	N/A		N/A	
BIRTHING CENTER	4	0.0	N/A		N/A	
HOME BIRTH	0	0.0	N/A		N/A	
ENROUTE/OTHER	2	0.0	N/A		N/A	
UNKNOWN	26	0.2	N/A		N/A	
TOTAL	530	4.9	N/A		N/A	
TOTAL	10,835	100	11,265	100	960	100

Notes:

1. N/A indicates category not applicable.
2. Percentages may not add to 100% due to rounding.

Source: Delaware Department of Health and Social Services, Division of Public Health, Delaware Health Statistics Center

TABLE C-23. FIVE-YEAR AVERAGE PERCENTAGE OF LOW BIRTHWEIGHT BIRTHS(<2,500 GRAMS), BY AGE OF MOTHER, BY COUNTY, CITY OF WILMINGTON, U.S., AND DELAWARE, 2000-2017

ALL RACES

Area/ Age	2000 -2004	2001 -2005	2002 -2006	2003 -2007	2004 -2008	2005 -2009	2006 -2010	2007 -2011	2008 -2012	2009 -2013	2010 -2014	2011 -2015	2012 -2016	2013 -2017
U.S.	7.8	7.9	8.0	8.1	8.2	8.2	8.2	8.2	8.1	8.1	8.0	8.0	8.0	8.1
<20	9.7	9.8	9.9	9.9	9.9	9.9	9.8	9.7	9.6	9.5	9.5	9.4	9.5	6.4
20-24	7.9	8.0	8.1	8.2	8.2	8.3	8.3	8.3	8.3	8.3	8.3	8.3	8.3	7.7
25-29	6.9	7.1	7.2	7.3	7.4	7.4	7.4	7.4	7.3	7.3	7.3	7.3	7.4	7.5
30+	7.8	8.0	8.1	8.2	8.2	8.3	8.3	8.3	8.2	8.2	8.2	8.1	8.1	9.4
Delaware	9.3	9.4	9.4	9.3	9.1	9.0	8.9	8.8	8.6	8.5	8.5	8.5	8.6	8.8
<20	11.2	11.5	11.4	11.2	11.3	11.1	10.5	10.4	10.1	9.8	9.9	9.6	9.0	9.1
20-24	9.5	9.6	9.8	9.9	9.5	9.4	9.3	9.0	8.7	8.8	8.9	8.9	9.3	9.4
25-29	8.4	8.6	8.5	8.2	8.1	8.0	8.0	8.1	8.1	8.2	8.3	8.3	8.3	8.5
30+	9.2	9.3	9.3	9.1	9.0	9.0	8.9	8.7	8.5	8.4	8.1	8.4	8.5	8.7
Kent	9.3	9.5	9.3	9.3	9.0	8.8	8.6	8.5	8.3	8.5	8.6	8.9	9.1	9.2
<20	11.3	12.4	11.7	11.4	11.0	11.8	10.3	10.4	9.8	10.4	10.9	10.3	9.6	9.8
20-24	9.4	9.3	9.8	9.8	9.2	8.2	8.5	8.2	7.7	7.9	8.6	8.6	9.1	9.5
25-29	7.6	7.9	7.4	7.5	7.7	7.9	7.9	8.0	8.2	8.2	8.4	8.5	9.0	8.9
30+	9.8	9.8	9.7	9.6	9.4	9.3	9.0	8.9	8.7	8.8	8.4	9.1	9.1	9.1
New Castle	9.7	9.9	9.9	9.8	9.6	9.5	9.4	9.1	8.9	8.9	8.7	8.8	8.9	9.0
<20	11.9	12.5	12.4	12.5	12.7	12.0	11.2	11.0	10.3	10.1	10.2	9.8	9.2	9.4
20-24	10.3	10.5	10.5	10.6	10.4	10.5	10.2	9.8	9.7	9.8	9.7	9.9	10.0	9.9
25-29	8.8	9.0	9.1	8.7	8.4	8.5	8.4	8.5	8.4	8.5	8.4	8.4	8.3	8.7
30+	9.3	9.6	9.6	9.4	9.2	9.1	9.1	8.7	8.5	8.4	8.3	8.4	8.7	8.8
Wilmington	14.0	14.4	13.9	13.6	13.4	13.5	13.2	12.6	12.3	12.3	11.8	12.0	12.2	12.2
<20	13.8	14.7	14.7	14.4	14.5	14.6	14.3	12.7	12.1	13.2	12.7	11.7	12.0	12.2
20-24	14.7	15.1	14.7	14.2	13.6	13.9	13.5	13.0	13.6	14.1	13.6	14.1	14.3	13.1
25-29	12.7	12.8	12.8	12.9	13.2	13.7	13.7	12.8	11.9	11.4	10.7	10.6	10.8	11.6
30+	14.3	14.5	13.4	12.9	12.7	12.2	11.8	12.0	11.5	11.4	11.1	11.8	11.8	12.1
Balance of NC County	8.8	9.0	9.1	9.0	8.8	8.6	8.5	8.4	8.2	8.2	8.2	8.2	8.3	8.4
<20	10.9	11.4	11.1	11.5	11.7	10.7	9.8	10.3	9.5	8.7	9.1	9.0	8.1	8.3
20-24	8.8	9.0	9.1	9.4	9.3	9.4	9.2	8.9	8.6	8.7	8.7	8.8	8.9	9.1
25-29	8.2	8.4	8.4	7.9	7.6	7.5	7.5	7.7	7.7	8.0	8.0	8.1	7.9	8.2
30+	8.8	9.0	9.1	9.0	8.8	8.6	8.7	8.3	8.0	8.0	7.9	7.9	8.3	8.3
Sussex	8.0	7.8	8.0	7.8	7.7	7.8	7.9	7.9	7.9	7.6	7.5	7.5	7.5	7.9
<20	9.4	8.4	8.8	8.2	8.4	8.7	8.9	9.0	10.0	8.7	8.4	8.7	8.1	7.8
20-24	7.6	7.9	8.4	8.4	8.0	8.1	8.2	8.0	7.6	7.6	7.4	7.1	7.7	8.1
25-29	7.5	7.6	7.7	7.5	7.2	6.9	7.0	7.1	7.1	7.2	7.8	7.5	7.6	7.8
30+	8.1	7.7	7.7	7.3	7.6	8.1	8.2	8.2	8.3	7.7	7.2	7.5	7.3	7.8

Sources: National Center for Health Statistics
Delaware Department of Health and Social Services, Division of Public Health, Delaware Health Statistics Center

TABLE C-24. FIVE -YEAR AVERAGE PERCENTAGE OF LOW BIRTHWEIGHT BIRTHS (<2,500 GRAMS), BY AGE OF MOTHER, BY COUNTY, CITY OF WILMINGTON, U.S., AND DELAWARE, 2000-2017

NON-HISPANIC WHITE

Area/ Age	2000 -2004	2001 -2005	2002 -2006	2003 -2007	2004 -2008	2005 -2009	2006 -2010	2007 -2011	2008 -2012	2009 -2013	2010 -2014	2011 -2015	2012 -2016	2013 -2017
U.S.	6.9	7.0	7.1	7.2	7.3	7.3	7.2	7.2	7.1	7.1	7.0	7.0	7.0	7.0
<20	8.5	8.7	8.8	8.9	8.9	8.8	8.7	8.6	8.5	8.4	8.3	8.3	8.4	8.5
20-24	6.9	7.1	7.2	7.3	7.3	7.3	7.3	7.2	7.2	7.2	7.2	7.1	7.1	7.2
25-29	6.2	6.3	6.5	6.5	6.6	6.6	6.6	6.5	6.5	6.5	6.5	6.4	6.4	6.5
30+	7.0	7.2	7.3	7.4	7.4	7.4	7.4	7.4	7.3	7.2	7.2	7.1	7.1	7.1
Delaware	7.7	7.8	7.8	7.6	7.4	7.3	7.3	7.0	7.0	6.9	6.9	6.9	7.1	7.0
<20	9.1	9.2	9.1	9.0	9.2	8.8	8.0	7.7	7.9	7.3	7.5	7.9	7.8	7.1
20-24	7.6	7.7	7.9	7.8	7.7	7.7	7.7	7.4	7.2	7.1	7.0	6.7	6.9	7.2
25-29	7.1	7.2	7.1	6.9	6.5	6.6	6.6	6.5	6.6	6.7	6.8	6.8	6.9	6.7
30+	8.0	8.1	7.9	7.7	7.5	7.3	7.4	7.1	7.0	7.0	6.8	7.0	7.2	7.2
Kent	7.7	7.5	7.6	7.5	7.5	7.2	7.3	7.1	7.1	7.3	7.5	7.7	7.7	7.6
<20	9.5	9.5	8.6	9.4	9.8	9.8	8.3	8.2	7.2	7.0	8.6	9.0	9.6	8.7
20-24	7.5	7.2	8.1	7.9	7.6	7.0	7.6	6.6	6.2	6.1	6.6	6.2	6.7	7.1
25-29	6.0	5.9	5.5	5.7	6.1	6.2	6.4	6.6	7.0	7.3	7.5	7.6	7.8	7.1
30+	8.7	8.6	8.6	8.2	8.2	7.9	7.8	7.7	7.8	8.2	7.9	8.7	8.1	8.1
New Castle	7.9	8.1	8.0	7.8	7.5	7.3	7.2	6.9	6.8	6.8	6.7	6.7	6.9	6.8
<20	9.8	10.6	10.3	9.9	9.8	9.0	7.7	7.4	7.7	7.1	7.4	7.6	8.2	7.8
20-24	8.1	8.4	8.2	8.1	7.9	8.0	7.8	7.8	7.7	8.0	7.7	7.4	7.1	7.2
25-29	7.4	7.7	7.9	7.5	6.8	7.0	6.8	6.5	6.4	6.5	6.2	6.1	6.3	6.2
30+	7.8	8.0	7.8	7.7	7.5	7.1	7.1	6.7	6.6	6.6	6.6	6.7	7.1	7.0
Wilmington	9.5	8.8	8.0	7.3	6.6	6.4	7.2	7.1	7.3	8.0	7.7	7.8	7.9	8.2
<20	13.1	11.3	7.8	7.1	3.4	5.1	8.9	7.9	9.0	12.9	10.8	10.0	11.5	12.8
20-24	13.2	12.1	11.2	8.9	7.1	9.6	11.7	10.8	11.1	14.4	13.8	11.6	12.6	12.2
25-29	9.8	7.9	8.2	7.6	6.4	5.7	6.8	5.1	5.5	4.7	5.4	5.0	5.8	6.7
30+	8.1	8.2	7.2	6.8	6.8	6.0	6.0	7.0	7.1	7.5	7.3	8.2	7.8	7.9
Balance of NC County	7.8	8.1	8.0	7.8	7.5	7.4	7.2	6.8	6.7	6.7	6.6	6.6	6.8	6.7
<20	9.6	10.5	10.5	10.1	10.2	9.2	7.7	7.3	7.6	6.6	7.0	7.3	7.9	7.2
20-24	7.8	8.2	8.1	8.0	7.9	7.9	7.5	7.5	7.4	7.5	7.3	7.1	6.8	6.9
25-29	7.3	7.7	7.8	7.5	6.9	7.1	6.8	6.6	6.5	6.6	6.3	6.2	6.3	6.2
30+	7.8	8.0	7.8	7.7	7.5	7.2	7.2	6.7	6.6	6.5	6.6	6.6	7.1	6.9
Sussex	7.4	7.2	7.2	7.0	7.1	7.3	7.4	7.4	7.4	7.0	6.8	6.8	6.8	7.0
<20	7.3	6.6	7.6	7.3	7.5	7.8	8.2	7.9	8.7	7.7	6.9	7.4	5.9	4.9
20-24	6.9	6.8	7.3	7.2	7.7	7.9	7.8	7.8	7.4	6.8	6.3	6.1	6.8	7.2
25-29	7.0	6.8	6.4	6.5	6.3	6.2	6.4	6.4	6.5	6.6	7.4	7.4	7.6	7.2
30+	8.1	7.9	7.7	7.1	7.2	7.7	7.8	8.0	7.8	7.2	6.5	6.6	6.4	7.0

Note:
N/A indicates data not available.

Sources: National Center for Health Statistics
Delaware Department of Health and Social Services, Division of Public Health, Delaware Health Statistics Center

TABLE C-25. FIVE-YEAR AVERAGE PERCENTAGE OF LOW BIRTHWEIGHT BIRTHS(<2,500 GRAMS), BY AGE OF MOTHER, BY COUNTY, CITY OF WILMINGTON, U.S., AND DELAWARE, 2000-2017

NON-HISPANIC BLACK

Area/ Age	2000 -2004	2001 -2005	2002 -2006	2003 -2007	2004 -2008	2005 -2009	2006 -2010	2007 -2011	2008 -2012	2009 -2013	2010 -2014	2011 -2015	2012 -2016	2013 -2017
U.S.	13.4	13.5	13.7	13.8	13.8	13.8	13.7	13.6	13.5	13.3	13.2	13.2	13.2	13.3
<20	14.0	14.2	14.4	14.4	14.4	14.3	14.1	14.0	13.8	13.7	13.6	13.6	13.7	13.8
20-24	12.8	13.1	13.3	13.4	13.5	13.5	13.4	13.3	13.2	13.1	13.1	13.0	13.1	13.2
25-29	12.4	12.6	12.9	13.0	13.1	13.1	13.1	12.9	12.8	12.7	12.5	12.5	12.6	12.7
30+	15.4	14.5	14.6	14.6	14.6	14.6	14.4	14.3	14.1	14.0	13.9	13.8	13.8	13.9
Delaware	14.2	14.4	14.6	14.4	14.0	13.9	13.6	13.2	12.9	12.9	12.7	12.6	12.7	13.2
<20	14.3	15.0	14.9	14.5	14.8	15.0	14.4	14.5	13.8	13.4	13.2	12.0	10.6	11.2
20-24	13.5	14.0	14.0	14.4	13.6	13.4	12.8	12.3	12.2	12.5	12.4	12.7	13.3	13.3
25-29	12.9	13.3	13.3	12.7	12.8	12.7	12.9	13.1	12.8	13.0	12.9	12.8	12.7	13.4
30+	16.1	15.7	16.3	15.6	15.1	14.8	14.7	13.7	13.1	12.9	12.5	12.7	12.9	13.4
Kent	14.1	14.6	13.9	13.8	12.7	12.6	12.0	11.8	11.3	11.7	11.5	11.7	12.4	12.6
<20	14.6	16.1	14.5	13.8	12.6	14.2	13.2	14.3	13.8	14.9	14.0	12.0	9.3	11.7
20-24	13.4	13.7	13.1	13.3	12.1	10.9	10.8	11.1	10.8	11.9	12.6	12.7	13.6	13.7
25-29	12.5	13.1	12.4	12.4	11.5	11.5	11.0	10.3	10.4	10.5	10.9	12.0	12.9	13.0
30+	16.7	16.4	16.5	16.3	14.9	15.4	14.0	13.0	11.8	11.2	9.9	10.4	11.7	11.4
New Castle	14.8	14.9	15.1	14.9	14.6	14.5	14.3	13.8	13.2	13.3	13.1	13.2	13.1	13.6
<20	14.4	15.4	15.5	15.4	16.2	15.8	14.9	14.5	13.2	12.8	13.0	12.1	10.7	11.0
20-24	14.0	14.2	14.4	15.0	14.4	14.8	14.0	13.1	12.9	12.9	12.6	13.2	13.7	13.6
25-29	13.6	13.7	13.6	12.9	12.9	12.9	13.3	13.8	13.4	13.8	13.5	13.2	12.8	13.5
30+	16.7	16.2	16.9	16.1	15.4	15.0	15.1	14.1	13.5	13.5	13.2	13.4	13.5	14.2
Wilmington	17.1	17.8	17.3	17.1	16.7	16.9	16.2	15.7	14.8	15.1	14.6	14.9	14.9	15.4
<20	15.4	16.7	16.3	15.8	15.6	15.8	15.0	13.9	12.7	14.1	14.1	12.8	12.5	13.2
20-24	16.1	16.7	16.2	16.6	15.9	16.4	15.3	14.9	15.0	15.2	14.3	15.3	15.4	14.6
25-29	15.9	16.6	16.4	16.6	17.3	17.8	17.7	17.3	15.6	15.5	14.3	13.5	13.4	14.3
30+	22.9	22.5	21.3	19.9	18.8	18.1	17.2	16.6	15.3	15.3	15.5	16.8	16.8	18.1
Balance of NC County	13.1	13.0	13.7	13.5	13.3	13.0	13.1	12.8	12.4	12.5	12.4	12.4	12.3	12.9
<20	13.1	13.7	14.3	15.0	16.8	15.8	14.7	15.1	13.7	11.6	12.1	11.5	9.3	9.1
20-24	12.2	12.1	12.8	13.7	13.2	13.4	13.0	11.9	11.6	11.7	11.7	12.1	12.7	13.1
25-29	12.4	12.3	12.1	10.9	10.5	10.2	11.0	12.0	12.3	13.0	13.1	13.0	12.5	13.2
30+	14.4	14.0	15.3	14.8	14.3	13.9	14.3	13.3	12.9	12.8	12.5	12.3	12.5	13.1
Sussex	11.9	12.4	13.3	12.7	12.8	12.5	12.8	12.7	13.1	12.6	12.6	11.4	11.6	12.0
<20	13.8	12.7	13.5	12.4	12.8	13.2	14.1	14.7	16.3	14.1	13.1	11.5	11.7	11.4
20-24	11.7	13.2	13.9	13.5	12.3	11.5	11.2	11.2	11.6	11.9	11.8	10.7	11.6	11.4
25-29	10.2	11.2	13.2	12.6	14.2	13.8	13.9	14.1	13.5	13.1	13.0	12.0	11.7	13.3
30+	11.4	11.5	11.9	11.3	12.5	12.0	13.2	12.0	13.1	12.3	13.0	11.9	11.6	11.8

Note:
N/A indicates data not available.

Sources: National Center for Health Statistics
Delaware Department of Health and Social Services, Division of Public Health, Delaware Health Statistics Center

TABLE C-26. FIVE YEAR AVERAGE PERCENTAGE OF LOW BIRTHWEIGHT BIRTHS (<2,500 GRAMS), BY AGE OF MOTHER, BY COUNTY, CITY OF WILMINGTON, U.S., AND DELAWARE, 2000-2017

HISPANIC ORIGIN*

Area/ Age	2000 -2004	2001 -2005	2002 -2006	2003 -2007	2004 -2008	2005 -2009	2006 -2010	2007 -2011	2008 -2012	2009 -2013	2010 -2014	2011 -2015	2012 -2016	2013 -2017
U.S.	6.6	6.7	6.8	6.9	6.9	6.9	7.0	7.0	7.0	7.0	7.0	7.1	7.1	7.2
<20	7.8	7.9	8.0	8.0	8.0	8.0	8.0	8.0	7.9	7.9	7.9	7.9	8.0	8.1
20-24	6.2	6.3	6.4	6.5	6.6	6.6	6.6	6.6	6.6	6.6	6.7	6.7	6.8	6.9
25-29	5.8	5.9	6.0	6.1	6.2	6.2	6.2	6.2	6.3	6.3	6.3	6.4	6.5	6.6
30+	7.1	7.2	7.3	7.4	7.4	7.4	7.4	7.5	7.5	7.5	7.5	7.6	7.6	7.7
Delaware	6.9	7.0	7.0	7.2	7.1	7.1	7.0	7.0	6.8	6.5	6.7	7.1	7.1	7.2
<20	8.2	8.3	7.8	8.4	7.6	7.5	6.9	7.0	7.0	7.3	7.8	8.5	8.4	8.5
20-24	7.2	6.9	7.2	7.4	7.0	6.6	6.9	6.8	5.9	5.5	6.0	6.6	6.6	6.8
25-29	6.4	6.9	6.9	6.6	6.7	6.4	6.1	6.1	6.1	5.8	6.1	6.2	6.5	7.2
30+	6.1	6.6	6.5	7.1	7.5	8.2	8.0	8.2	8.4	7.9	7.3	7.8	7.6	7.0
Kent	8.3	9.5	9.4	8.8	9.1	8.4	7.3	8.2	8.1	7.3	7.4	7.8	8.3	8.9
<20	7.9	10.8	12.6	9.2	7.8	8.8	7.6	6.5	7.5	7.9	8.1	7.4	8.0	6.5
20-24	10.3	9.7	11.0	10.6	10.0	7.7	7.4	8.3	7.8	6.4	6.4	7.4	7.1	7.7
25-29	8.0	11.3	9.4	8.0	9.8	9.9	7.8	9.3	8.9	8.5	7.3	7.3	8.9	11.3
30+	5.2	6.3	4.4	6.6	8.0	7.7	6.4	7.9	7.8	6.8	8.3	9.1	9.0	8.3
New Castle	7.4	7.6	7.5	7.8	8.0	7.9	7.8	7.9	7.7	7.4	7.5	7.7	7.5	7.1
<20	9.0	9.1	8.5	10.1	9.3	8.6	8.1	8.5	7.6	8.6	8.4	8.5	8.2	8.8
20-24	8.1	7.9	7.7	7.6	7.7	7.2	7.3	7.4	6.8	6.0	6.6	7.1	6.9	6.4
25-29	6.3	6.2	6.7	6.6	7.1	7.0	6.9	6.6	6.9	6.1	6.6	7.2	7.1	7.1
30+	6.7	7.9	7.6	8.0	8.4	9.0	9.1	9.3	9.2	9.3	8.5	8.3	8.0	7.1
Wilmington	8.9	9.4	9.8	9.3	9.8	9.7	9.9	8.8	10.2	9.2	8.8	9.1	10.2	7.7
<20	7.1	8.0	9.5	10.1	11.4	11.3	11.1	7.9	9.7	9.8	8.4	8.5	10.9	9.9
20-24	11.2	10.9	11.5	9.2	9.0	7.8	8.0	7.1	9.7	8.9	10.0	10.5	11.1	6.9
25-29	7.6	8.0	8.6	8.6	9.3	10.1	10.4	8.1	8.3	6.6	5.6	7.6	8.5	6.7
30+	8.5	10.3	8.5	9.3	10.3	11.0	11.5	12.7	14.0	12.5	10.9	9.5	10.5	8.5
Balance of NC County	6.9	7.0	6.8	7.4	7.5	7.4	7.2	7.6	7.0	6.9	7.1	7.4	6.9	7.0
<20	10.1	9.7	8.0	10.1	8.4	7.6	7.1	8.8	6.9	8.2	8.4	8.6	7.4	8.4
20-24	6.9	6.8	6.4	7.0	7.2	7.0	7.0	7.5	6.0	5.2	5.7	6.2	5.9	6.3
25-29	5.9	5.7	6.1	6.1	6.6	6.2	6.0	6.2	6.5	5.9	6.9	7.1	6.8	7.2
30+	6.3	7.3	7.4	7.7	8.0	8.7	8.6	8.6	8.4	8.7	8.0	8.1	7.6	6.9
Sussex	5.2	5.1	5.4	5.6	5.0	5.3	5.4	5.3	5.1	4.9	5.1	5.8	6.0	6.5
<20	6.0	5.2	4.4	4.5	4.5	4.8	4.3	4.3	5.5	4.1	6.3	8.8	8.9	8.9
20-24	4.4	4.2	5.1	5.9	4.9	5.3	6.2	5.5	4.0	4.4	4.6	5.3	5.7	6.9
25-29	6.2	7.0	6.7	6.0	5.1	4.3	4.1	4.4	4.0	4.4	5.0	4.3	4.6	5.5
30+	4.7	3.8	4.7	5.0	5.5	6.6	6.5	6.5	7.2	6.0	5.4	6.6	6.4	6.5

Notes:

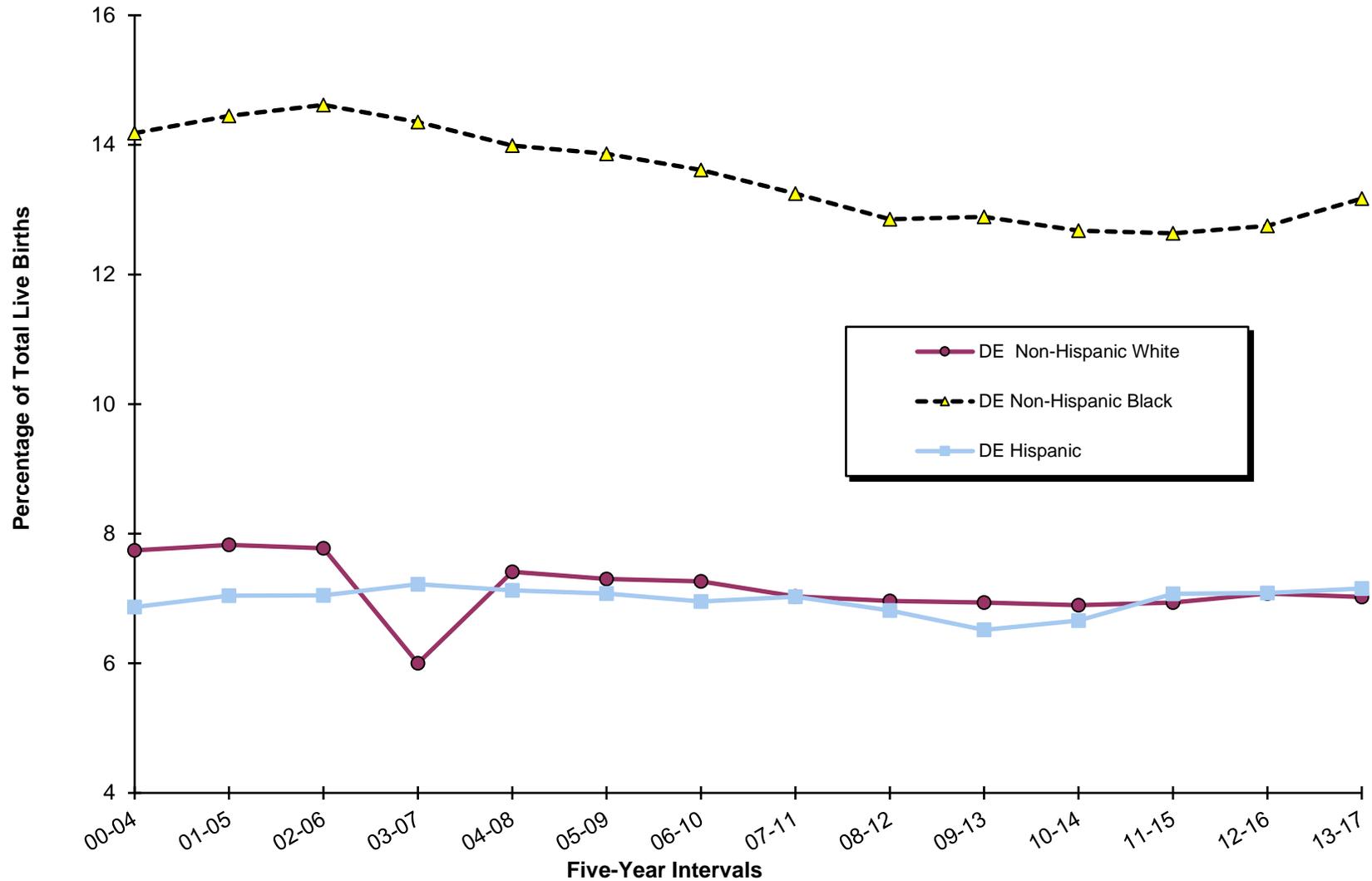
*Mothers of Hispanic origin may be of any race. See Hispanic Origin and Race in the Technical Notes.

Percentages in this table should be interpreted with caution due to small numbers.

Sources: National Center for Health Statistics

Delaware Department of Health and Social Services, Division of Public Health, Delaware Health Statistics Center

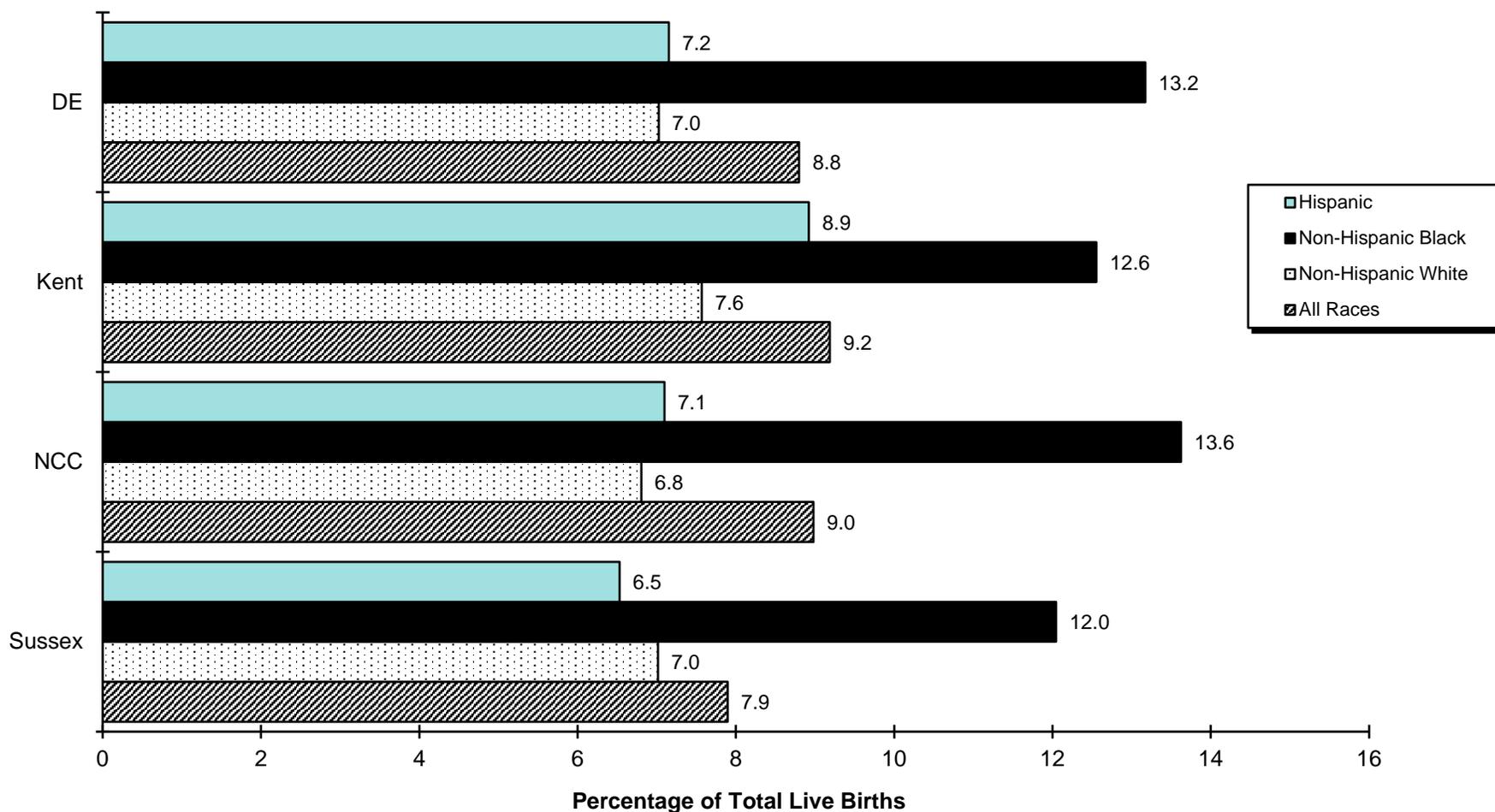
Figure C-11 Five-Year Average Percentage of Low Birthweight Births (<2500 Grams), by Race and Hispanic Origin*, Delaware, 2000-2017



Note: *Hispanic may be of any race.

Sources: Delaware Department of Health and Social Services, Division of Public Health, Delaware Health Statistics Center

Figure C-12. Five-Year Average Percentage of Low Birthweight Births (<2500 Grams), by Race and Hispanic Origin*, Delaware and Counties, 2013-2017



Note: *Hispanic may be of any race.

Sources: Delaware Department of Health and Social Services, Division of Public Health, Delaware Health Statistics Center

TABLE C-27. FIVE-YEAR AVERAGE PERCENTAGE OF VERY LOW BIRTHWEIGHT BIRTHS (<1,500 GRAMS), BY AGE OF MOTHER, BY COUNTY, CITY OF WILMINGTON, U.S., AND DELAWARE, 2000-2017

ALL RACES

Area/ Age	2000 -2004	2001 -2005	2002 -2006	2003 -2007	2004 -2008	2005 -2009	2006 -2010	2007 -2011	2008 -2012	2009 -2013	2010 -2014	2011 -2015	2012 -2016	2013 -2017
U.S.	1.4	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.4	1.4	1.4	1.4	1.4	1.4
<20	1.8	1.8	1.9	1.9	1.8	1.8	1.8	1.8	1.7	1.7	1.7	1.7	1.7	1.1
20-24	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.3
25-29	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3
30+	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.4	1.6
Delaware	1.9	1.9	2.0	1.9	1.8	1.9	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8
<20	2.2	2.4	2.4	2.4	2.4	2.7	2.4	2.3	2.3	2.2	1.9	1.8	1.6	1.6
20-24	1.8	1.9	1.9	1.9	1.9	1.9	1.7	1.7	1.8	1.7	1.7	1.8	1.8	1.8
25-29	1.7	1.7	1.8	1.7	1.6	1.6	1.6	1.6	1.7	1.6	1.7	1.8	1.8	1.8
30+	1.9	2.0	2.0	1.9	1.8	1.9	1.8	1.8	1.8	1.8	1.8	1.8	1.7	1.7
Kent	2.0	1.9	1.8	1.8	1.7	1.7	1.5	1.5	1.5	1.5	1.5	1.7	1.7	1.7
<20	1.7	2.1	2.2	2.7	2.6	3.0	2.0	2.1	1.6	1.8	1.6	1.8	1.6	1.9
20-24	2.2	2.2	2.1	2.0	1.8	1.6	1.4	1.3	1.4	1.4	1.5	1.8	1.8	1.8
25-29	1.9	1.8	1.5	1.5	1.4	1.3	1.2	1.2	1.3	1.2	1.3	1.5	1.7	1.7
30+	1.9	1.7	1.6	1.5	1.7	1.9	1.7	1.8	1.7	1.7	1.5	1.7	1.7	1.6
New Castle	1.9	2.0	2.1	2.0	2.0	2.1	2.0	2.0	2.0	2.0	2.0	2.0	2.0	1.9
<20	2.6	2.8	2.8	2.7	2.7	2.8	2.5	2.3	2.4	2.3	2.0	1.8	1.5	1.4
20-24	1.8	1.9	1.9	2.0	2.2	2.3	2.1	2.1	2.1	2.0	2.0	2.1	2.1	2.1
25-29	1.6	1.7	1.8	1.7	1.7	1.8	1.9	2.0	2.1	2.0	2.1	2.1	2.1	1.9
30+	2.0	2.1	2.2	2.1	1.9	2.0	2.0	1.9	1.9	1.9	1.9	1.9	1.9	1.9
Wilmington	2.9	3.0	3.1	3.0	2.8	3.1	3.1	2.8	2.9	2.8	2.6	2.5	2.8	2.8
<20	2.7	2.7	2.9	2.6	3.0	3.2	3.2	2.3	2.7	2.2	2.0	1.9	2.2	2.1
20-24	3.3	3.3	3.2	3.1	2.7	2.8	2.4	2.4	2.7	2.9	2.9	3.0	3.1	3.0
25-29	2.7	3.1	3.5	3.5	3.3	3.2	3.5	3.1	2.9	2.7	2.5	2.5	2.8	3.0
30+	2.9	2.9	2.7	2.7	2.4	3.2	3.3	3.1	3.1	3.1	2.6	2.4	2.6	2.6
Balance of NC County	1.7	1.8	1.9	1.9	1.8	1.9	1.8	1.9	1.8	1.8	1.8	1.9	1.8	1.8
<20	2.6	2.9	2.8	2.7	2.6	2.6	2.1	2.3	2.3	2.3	2.1	1.8	1.2	1.2
20-24	1.4	1.4	1.5	1.7	2.0	2.1	2.0	2.0	1.9	1.8	1.7	1.8	1.8	1.8
25-29	1.4	1.4	1.5	1.4	1.4	1.5	1.7	1.8	1.9	1.9	2.0	2.0	1.9	1.8
30+	1.9	2.0	2.1	2.1	1.9	1.9	1.8	1.7	1.7	1.8	1.8	1.9	1.8	1.8
Sussex	1.6	1.6	1.7	1.5	1.5	1.5	1.4	1.4	1.4	1.4	1.4	1.3	1.3	1.4
<20	1.9	1.6	1.7	1.6	1.7	2.2	2.4	2.3	2.5	2.2	1.9	1.7	1.8	1.6
20-24	1.4	1.5	1.5	1.4	1.3	1.3	1.3	1.4	1.5	1.5	1.3	1.2	1.3	1.4
25-29	1.8	1.9	1.9	1.8	1.6	1.3	1.2	1.0	0.8	1.1	1.3	1.2	1.3	1.5
30+	1.5	1.5	1.5	1.3	1.4	1.5	1.5	1.5	1.6	1.5	1.4	1.4	1.3	1.3

Sources: National Center for Health Statistics
 Delaware Department of Health and Social Services, Division of Public Health, Delaware Health Statistics Center

TABLE C-28. FIVE-YEAR AVERAGE PERCENTAGE OF VERY LOW BIRTHWEIGHT BIRTHS (<1,500 GRAMS), BY AGE OF MOTHER, BY COUNTY, CITY OF WILMINGTON, AND DELAWARE, 2000-2017

NON-HISPANIC WHITE

Area/ Age	2000 -2004	2001 -2005	2002 -2006	2003 -2007	2004 -2008	2005 -2009	2006 -2010	2007 -2011	2008 -2012	2009 -2013	2010 -2014	2011 -2015	2012 -2016	2013 -2017
Delaware	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.1	1.1	1.1	1.1	1.1
<20	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.5	1.5	1.5	1.5	1.4	1.5	1.5
20-24	1.1	1.1	1.2	1.2	1.2	1.2	1.2	1.1	1.1	1.1	1.1	1.1	1.1	1.1
25-29	1.0	1.1	1.1	1.1	1.1	1.1	1.1	1.0	1.0	1.0	1.0	1.0	1.0	1.0
30+	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.1	1.1	1.1
Kent	1.6	1.4	1.3	1.2	1.2	1.1	1.1	1.1	1.1	1.0	1.1	1.2	1.3	1.2
<20	1.2	1.1	1.4	1.5	1.5	1.8	1.3	1.2	0.9	0.8	0.5	0.6	1.0	1.1
20-24	1.9	1.7	1.7	1.4	1.3	1.1	1.1	0.9	1.0	0.9	1.1	1.2	1.4	1.3
25-29	1.6	1.3	1.0	1.0	1.0	0.8	0.9	1.0	1.3	1.2	1.2	1.3	1.3	1.0
30+	1.5	1.4	1.3	1.1	1.2	1.3	1.1	1.2	1.1	1.1	1.0	1.2	1.3	1.2
New Castle	1.3	1.4	1.5	1.4	1.4	1.4	1.3	1.2	1.3	1.2	1.2	1.3	1.4	1.3
<20	1.9	2.5	2.4	2.3	2.3	2.1	1.1	1.1	1.3	0.9	0.9	1.1	1.4	1.1
20-24	1.2	1.1	1.3	1.4	1.8	1.9	1.7	1.5	1.5	1.3	1.3	1.3	1.5	1.4
25-29	1.1	1.2	1.4	1.3	1.2	1.3	1.4	1.2	1.3	1.2	1.1	1.1	1.2	1.1
30+	1.4	1.5	1.5	1.4	1.3	1.3	1.2	1.2	1.3	1.2	1.2	1.3	1.4	1.3
Wilmington	1.4	1.3	1.4	1.1	0.8	1.2	1.3	1.0	1.3	1.5	1.3	1.5	2.2	2.1
<20	1.2	1.3	1.6	1.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.7	1.9	4.3
20-24	2.7	1.7	2.4	1.7	1.8	1.7	1.1	0.0	0.5	1.6	1.9	2.1	3.9	3.5
25-29	1.9	2.4	2.5	2.1	1.2	1.1	1.1	0.8	0.8	0.6	0.9	0.6	1.6	1.8
30+	0.8	0.7	0.7	0.4	0.4	1.1	1.6	1.4	1.9	2.1	1.5	1.7	2.1	2.0
Balance of NC County	1.3	1.4	1.5	1.5	1.4	1.4	1.3	1.3	1.3	1.2	1.2	1.3	1.3	1.2
<20	2.0	2.6	2.5	2.3	2.4	2.2	1.2	1.2	1.4	1.0	1.0	1.0	1.3	0.8
20-24	1.2	1.0	1.2	1.4	1.8	1.9	1.8	1.6	1.5	1.3	1.2	1.3	1.3	1.2
25-29	1.1	1.2	1.4	1.3	1.2	1.4	1.4	1.2	1.3	1.2	1.2	1.2	1.2	1.1
30+	1.5	1.6	1.6	1.5	1.3	1.3	1.2	1.2	1.2	1.1	1.2	1.3	1.4	1.2
Sussex	1.4	1.4	1.5	1.3	1.3	1.3	1.2	1.2	1.2	1.2	1.2	1.1	1.1	1.1
<20	1.5	1.5	2.3	2.0	2.0	2.5	2.6	2.2	2.2	2.2	1.9	1.5	1.0	1.1
20-24	1.4	1.2	1.3	1.1	1.2	1.2	1.2	1.3	1.4	1.2	1.0	0.9	1.1	1.2
25-29	1.5	1.4	1.4	1.5	1.2	1.1	1.1	0.9	0.6	1.0	1.3	1.3	1.4	1.4
30+	1.3	1.4	1.4	1.1	1.1	1.1	1.0	1.1	1.3	1.3	1.1	1.1	0.9	0.8

Note:
N/A indicates data not available.

Sources: National Center for Health Statistics
Delaware Department of Health and Social Services, Division of Public Health, Delaware Health Statistics Center

TABLE C-29. FIVE-YEAR AVERAGE PERCENTAGE OF VERY LOW BIRTHWEIGHT BIRTHS (<1,500 GRAMS), BY AGE OF MOTHER, BY COUNTY, CITY OF WILMINGTON, AND DELAWARE, 2000-2017

NON-HISPANIC BLACK

Area/ Age	2000 -2004	2001 -2005	2002 -2006	2003 -2007	2004 -2008	2005 -2009	2006 -2010	2007 -2011	2008 -2012	2009 -2013	2010 -2014	2011 -2015	2012 -2016	2013 -2017
Delaware	3.1	3.1	3.2	3.2	3.2	3.1	3.1	3.0	3.0	3.0	2.9	2.9	2.9	2.9
<20	2.9	3.0	3.0	3.0	3.0	3.0	2.9	2.8	2.8	2.7	2.7	2.7	2.7	2.7
20-24	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.7	2.7	2.7	2.7	2.6	2.6	2.6
25-29	3.1	3.1	3.1	3.1	3.0	3.0	3.0	2.9	2.9	2.9	2.8	2.8	2.7	2.7
30+	4.0	3.8	3.8	3.8	3.8	3.7	3.7	3.6	3.5	3.5	3.4	3.4	3.3	3.3
Kent	3.3	3.6	3.3	3.6	3.3	3.2	2.6	2.5	2.3	2.4	2.3	2.7	2.8	3.0
<20	2.6	3.2	3.2	4.3	3.9	4.7	3.2	3.7	2.9	3.5	3.4	4.0	2.2	2.8
20-24	3.2	3.7	3.3	3.5	3.3	2.7	2.1	2.0	2.0	2.2	2.3	2.6	2.6	2.9
25-29	3.2	3.5	3.4	3.3	2.8	2.5	2.0	1.5	1.3	1.1	1.5	2.1	2.8	3.1
30+	4.6	3.9	3.6	3.4	3.4	4.0	3.6	3.6	3.5	3.4	2.6	2.8	3.1	2.9
New Castle	3.5	3.6	3.8	3.8	3.7	3.8	3.8	3.7	3.6	3.6	3.5	3.5	3.2	3.3
<20	2.9	3.2	3.6	3.5	3.7	4.0	3.9	3.4	3.3	3.2	2.9	2.4	1.6	1.9
20-24	3.0	3.3	3.2	3.4	3.3	3.5	3.1	3.2	3.2	3.1	3.0	3.1	2.9	2.9
25-29	3.5	3.4	3.4	3.3	3.5	3.4	3.8	4.0	4.0	3.8	3.9	3.9	3.5	3.2
30+	4.5	4.4	4.7	4.6	4.2	4.4	4.3	4.2	3.7	4.0	3.9	3.8	3.6	3.9
Wilmington	4.0	4.2	4.2	4.1	3.9	4.1	4.0	3.8	3.6	3.6	3.4	3.2	3.2	3.4
<20	2.9	3.1	3.5	3.2	3.5	3.9	3.9	2.7	2.9	2.7	2.4	2.0	2.0	2.2
20-24	3.9	4.1	3.8	3.7	3.2	3.3	2.9	3.0	3.3	3.3	3.4	3.6	3.3	3.3
25-29	3.7	4.2	4.6	4.7	4.9	4.5	4.9	4.6	4.2	3.9	3.7	3.6	3.6	3.8
30+	5.9	5.8	5.3	5.3	4.4	5.2	5.0	4.9	4.0	4.2	3.6	3.1	3.3	3.7
Balance of NC County	3.2	3.2	3.5	3.5	3.6	3.6	3.6	3.7	3.5	3.6	3.6	3.6	3.2	3.2
<20	3.0	3.4	3.8	3.9	4.0	4.0	3.9	4.1	3.6	3.7	3.3	2.8	1.4	1.7
20-24	2.2	2.5	2.7	3.1	3.4	3.6	3.3	3.3	3.1	3.1	2.9	2.8	2.7	2.7
25-29	3.4	2.9	2.8	2.6	2.8	2.7	3.2	3.6	3.9	3.7	4.0	4.0	3.4	3.0
30+	3.9	3.9	4.4	4.4	4.1	4.1	4.1	3.9	3.6	3.9	4.0	4.1	3.6	3.9
Sussex	2.7	3.0	3.0	2.8	3.0	3.0	3.1	3.0	3.3	3.0	2.9	2.3	2.6	2.7
<20	2.7	2.3	1.9	1.8	2.6	3.3	3.9	3.9	4.4	3.2	2.2	2.1	2.7	1.8
20-24	2.1	2.9	3.1	2.9	2.5	2.3	2.3	2.1	2.5	2.8	2.8	2.5	3.0	2.7
25-29	2.9	4.0	3.9	3.8	3.7	3.3	2.5	2.9	2.9	2.7	2.3	1.9	2.1	2.5
30+	3.8	3.4	3.3	2.6	3.6	3.8	4.9	4.2	4.2	3.4	3.9	2.7	2.5	3.2

Note:
N/A indicates data not available.

Sources: Delaware Department of Health and Social Services, Division of Public Health, Delaware Health Statistics Center

TABLE C-30. FIVE-YEAR AVERAGE PERCENTAGE OF VERY LOW BIRTHWEIGHT BIRTHS (<1,500 GRAMS), BY AGE OF MOTHER, BY COUNTY, CITY OF WILMINGTON, U.S., AND DELAWARE, 2000-2017

HISPANIC ORIGIN*

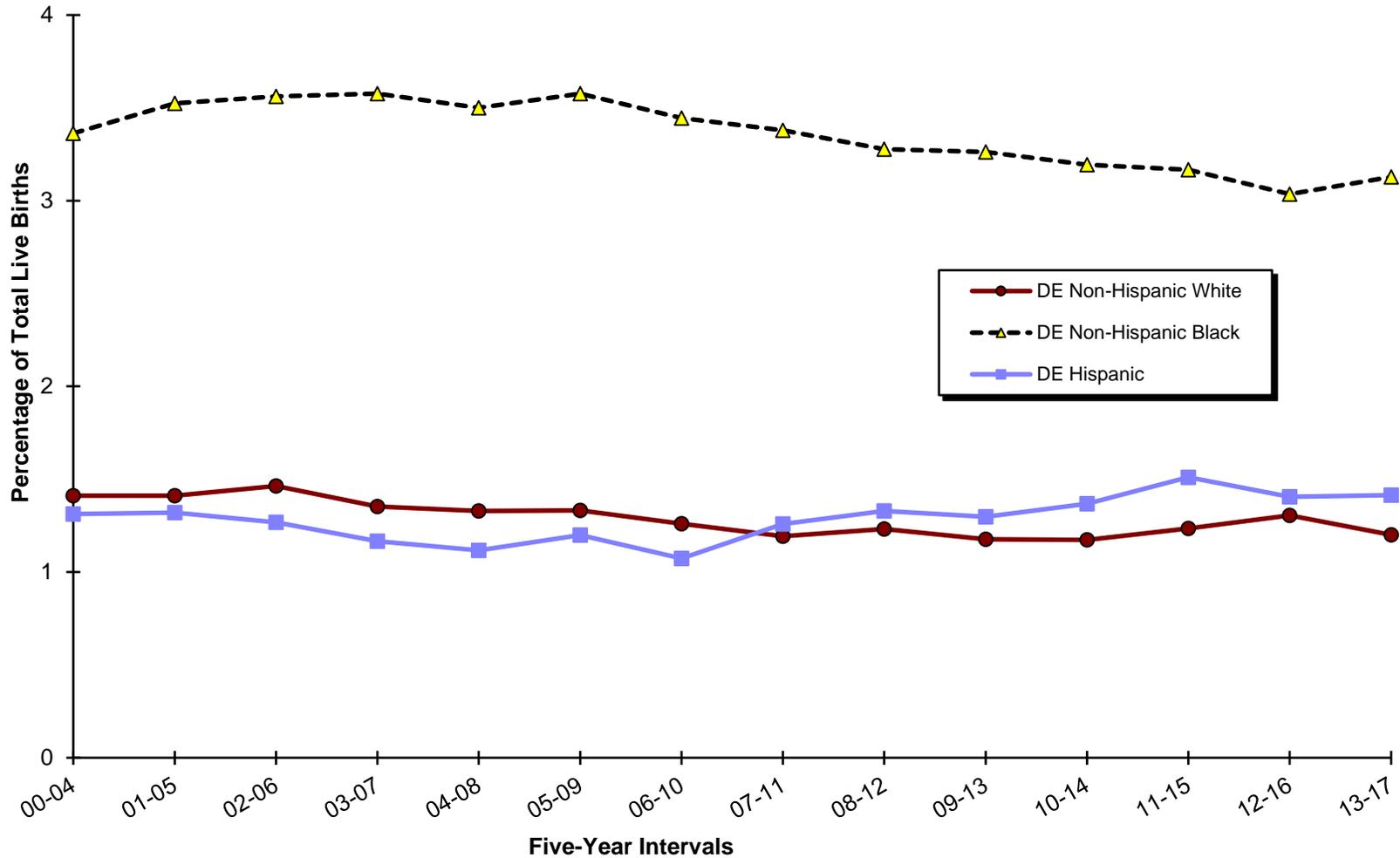
Area/ Age	2000 -2004	2001 -2005	2002 -2006	2003 -2007	2004 -2008	2005 -2009	2006 -2010	2007 -2011	2008 -2012	2009 -2013	2010 -2014	2011 -2015	2012 -2016	2013 -2017
U.S.	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2
<20	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3
20-24	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.1	1.1	1.1	1.1
25-29	1.0	1.0	1.0	1.0	1.0	1.1	1.1	1.0	1.0	1.0	1.1	1.1	1.1	1.1
30+	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4
Delaware	1.3	1.3	1.3	1.2	1.1	1.2	1.1	1.3	1.3	1.3	1.4	1.5	1.4	1.4
<20	2.2	1.9	1.4	1.4	1.2	1.2	0.9	1.2	1.5	1.5	1.5	1.7	1.8	1.5
20-24	0.8	0.8	0.8	0.9	0.8	0.9	0.8	1.0	0.9	0.9	0.9	1.0	1.0	1.1
25-29	1.4	1.4	1.3	1.1	1.0	1.1	1.0	1.1	1.1	1.1	1.4	1.5	1.6	1.7
30+	1.4	1.6	1.8	1.6	1.6	1.7	1.5	1.8	1.9	1.7	1.7	1.8	1.4	1.4
Kent	0.7	1.2	1.4	1.3	1.5	1.6	1.1	1.7	1.7	1.5	1.8	2.0	1.8	1.7
<20	0.0	2.7	2.5	2.3	2.1	2.0	0.0	0.0	0.0	0.0	0.0	0.0	2.3	2.2
20-24	0.9	0.4	1.2	1.1	1.0	1.3	1.4	1.7	2.0	1.7	2.0	2.2	1.3	1.0
25-29	1.3	2.0	1.8	1.0	1.4	1.7	1.2	1.5	1.2	1.6	1.1	1.4	2.3	2.4
30+	0.0	0.7	0.6	1.1	1.9	1.7	1.4	2.8	2.6	1.8	3.0	3.0	1.8	1.4
New Castle	1.6	1.6	1.5	1.4	1.3	1.4	1.3	1.5	1.6	1.6	1.6	1.7	1.6	1.6
<20	3.0	2.3	1.7	1.6	1.5	1.4	1.3	1.7	2.2	2.1	1.7	1.8	1.3	1.1
20-24	1.0	1.0	1.0	1.1	1.0	1.1	0.9	0.9	0.8	0.9	0.9	1.1	1.5	1.6
25-29	1.2	1.2	1.1	1.1	1.1	1.2	1.3	1.6	1.7	1.6	2.0	2.2	1.9	2.0
30+	1.8	2.2	2.4	1.9	1.9	2.0	1.8	2.0	2.2	2.2	1.9	1.8	1.4	1.4
Wilmington	1.2	1.1	1.6	1.5	1.7	1.9	2.1	1.6	2.2	1.9	1.8	1.5	2.1	2.0
<20	2.2	1.3	1.2	0.9	1.9	1.5	1.7	1.2	2.8	1.5	1.7	1.9	3.3	1.4
20-24	1.1	1.1	1.5	1.7	1.5	1.6	1.7	1.3	1.2	1.7	1.3	1.0	1.9	2.4
25-29	1.2	1.1	2.2	1.8	1.7	2.1	2.5	1.2	1.7	1.3	0.9	1.0	1.5	1.2
30+	0.0	1.0	1.4	1.3	1.8	2.7	2.8	2.9	3.9	3.3	3.2	2.3	2.2	2.5
Balance of NC County	1.7	1.7	1.4	1.3	1.2	1.3	1.1	1.5	1.5	1.6	1.6	1.8	1.5	2.1
<20	3.4	2.8	2.0	1.9	1.3	1.4	1.1	1.9	2.0	2.3	1.7	1.8	0.7	1.3
20-24	0.9	1.0	0.8	0.8	0.8	0.9	0.6	0.8	0.7	0.6	0.8	1.1	1.4	2.0
25-29	1.2	1.2	0.8	0.9	0.9	1.0	1.0	1.7	1.7	1.7	2.3	2.4	2.0	2.8
30+	2.2	2.5	2.6	2.1	1.9	1.9	1.7	1.8	1.9	2.0	1.6	1.7	1.3	1.7
Sussex	1.0	0.8	0.8	0.7	0.6	0.7	0.7	0.7	0.7	0.7	0.8	1.0	1.0	1.4
<20	1.2	0.7	0.3	0.6	0.3	0.5	0.5	0.6	0.7	0.9	1.5	2.0	2.7	2.7
20-24	0.5	0.5	0.5	0.4	0.4	0.6	0.6	0.9	0.7	0.7	0.5	0.3	0.0	0.4
25-29	1.6	1.5	1.5	1.0	0.9	0.6	0.5	0.2	0.1	0.3	0.5	0.7	0.7	1.2
30+	0.8	0.4	0.8	0.9	0.9	1.0	1.0	1.1	1.3	1.0	1.0	1.4	1.3	1.6

Notes:

*Mothers of Hispanic origin may be of any race. See Hispanic Origin and Race in the Technical Notes.
Percentages in this table should be interpreted with caution due to small numbers.

Sources: National Center for Health Statistics
Delaware Department of Health and Social Services, Division of Public Health, Delaware Health Statistics Center

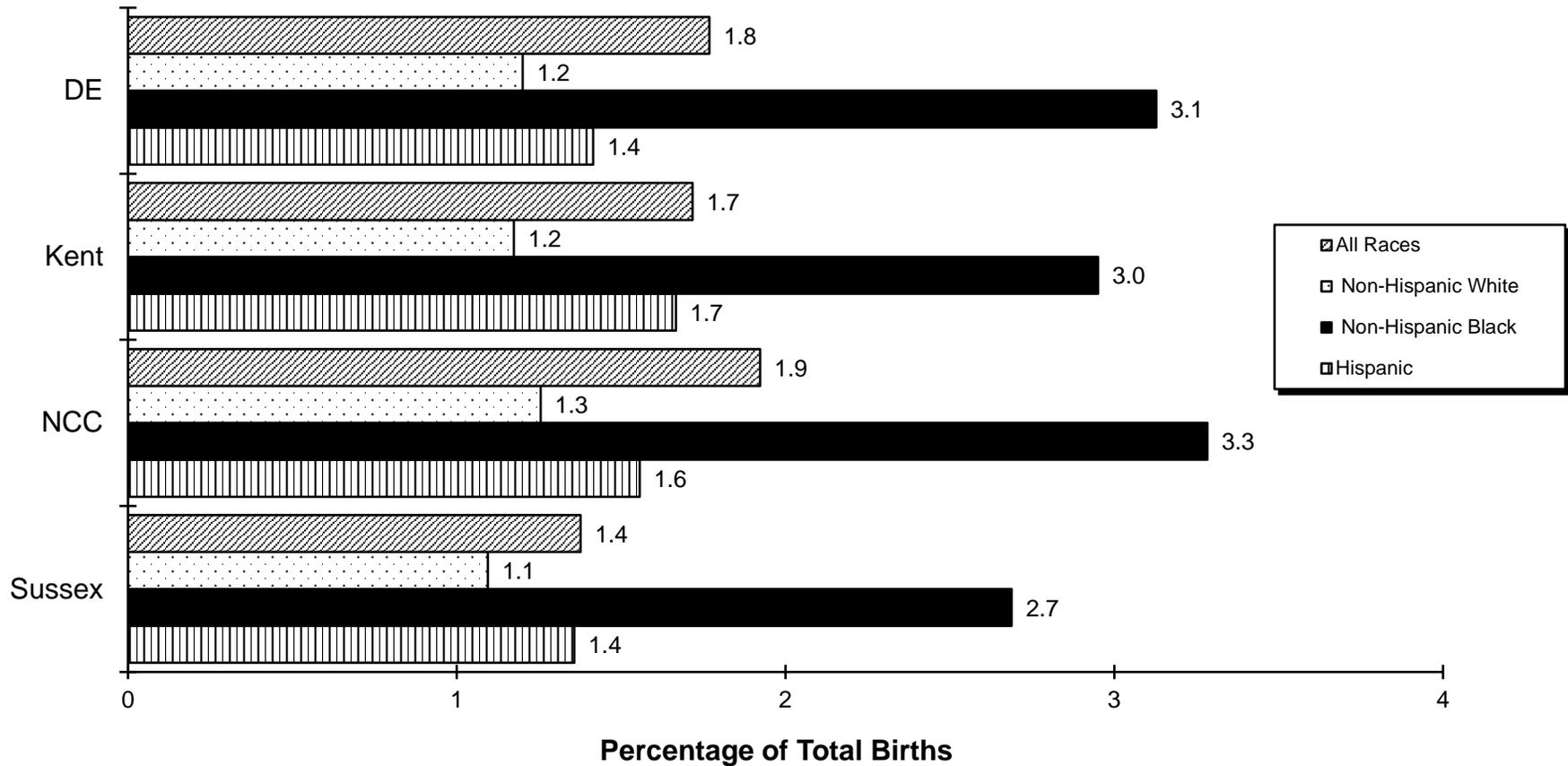
Figure C-13. Five-Year Average Percentage of Very Low Birthweight Births (<1500 Grams), by Race and Hispanic Origin*, Delaware and Counties, 2000-2017



Note: *Hispanic may be of any race.

Sources: Delaware Department of Health and Social Service, Division of Public Health, Delaware Health Statistics Center

Figure C-14. Five-Year Average Percentage of Very Low Birthweight Births (<1500 Grams), by Race, Delaware and Counties, 2013-2017



Note: *Hispanic may be of any race.

Sources: Delaware Department of Health and Social Services, Division of Public Health, Delaware Health Statistics Center

TABLE C-31. NUMBER OF LIVE BIRTHS BY BIRTHWEIGHT IN GRAMS AND AGE OF MOTHER, BY COUNTY, CITY OF WILMINGTON, AND DELAWARE, 2017

Area/ Birthweight	Age									
	Total	<15	15-17	18-19	20-24	25-29	30-34	35-39	40+	Unknown
Delaware	10,835	4	160	392	2,014	3,333	3,149	1,481	302	0
<2500	981	1	16	35	197	292	260	146	34	0
<1500	171	1	1	9	37	47	40	28	8	0
<500	26	0	1	1	8	6	7	3	0	0
500-749	33	0	0	1	6	15	5	4	2	0
750-999	24	0	0	2	6	5	8	2	1	0
1000-1499	88	1	0	5	17	21	20	19	5	0
1500-1999	161	0	6	5	24	45	50	23	8	0
2000-2499	649	0	9	21	136	200	170	95	18	0
2500+	9,849	3	144	357	1,815	3,039	2,889	1,334	268	0
Unknown	5	0	0	0	2	2	0	1	0	0
Kent	2,172	1	38	87	489	713	538	242	64	0
<2500	197	0	2	8	47	61	39	31	9	0
<1500	32	0	0	3	10	10	5	3	1	0
<500	3	0	0	0	2	0	0	1	0	0
500-749	9	0	0	1	2	4	1	1	0	0
750-999	3	0	0	1	0	0	2	0	0	0
1000-1499	17	0	0	1	6	6	2	1	1	0
1500-1999	32	0	1	1	7	12	3	5	3	0
2000-2499	133	0	1	4	30	39	31	23	5	0
2500+	1,974	1	36	79	442	651	499	211	55	0
Unknown	1	0	0	0	0	1	0	0	0	0
New Castle	6,391	2	75	199	1,039	1,878	2,054	953	191	0
<2500	580	1	9	18	106	173	167	88	18	0
<1500	104	1	1	4	17	27	28	21	5	0
<500	22	0	1	1	5	6	7	2	0	0
500-749	12	0	0	0	1	4	4	2	1	0
750-999	17	0	0	1	4	4	5	2	1	0
1000-1499	53	1	0	2	7	13	12	15	3	0
1500-1999	97	0	3	3	15	27	31	15	3	0
2000-2499	379	0	5	11	74	119	108	52	10	0
2500+	5,807	1	66	181	931	1,704	1,887	864	173	0
Unknown	4	0	0	0	2	1	0	1	0	0
Wilmington	968	1	29	59	221	267	247	117	27	0
<2500	117	1	3	6	24	38	24	19	2	0
<1500	26	1	0	2	6	8	3	5	1	0
<500	5	0	0	1	1	1	1	1	0	0
500-749	5	0	0	0	1	1	2	1	0	0
750-999	5	0	0	0	3	1	0	1	0	0
1000-1499	11	1	0	1	1	5	0	2	1	0
1500-1999	19	0	1	0	3	5	6	4	0	0
2000-2499	72	0	2	4	15	25	15	10	1	0
2500+	851	0	26	53	197	229	223	98	25	0
Unknown	0	0	0	0	0	0	0	0	0	0
Balance of NC County	5,423	1	46	140	818	1,611	1,807	836	164	0
<2500	463	0	6	12	82	135	143	69	16	0
<1500	78	0	1	2	11	19	25	16	4	0
<500	17	0	1	0	4	5	6	1	0	0
500-749	7	0	0	0	0	3	2	1	1	0
750-999	12	0	0	1	1	3	5	1	1	0
1000-1499	42	0	0	1	6	8	12	13	2	0
1500-1999	78	0	2	3	12	22	25	11	3	0
2000-2499	307	0	3	7	59	94	93	42	9	0
2500+	4,956	1	40	128	734	1,475	1,664	766	148	0
Unknown	4	0	0	0	2	1	0	1	0	0
Sussex	2,272	1	47	106	486	742	557	286	47	0
<2500	204	0	5	9	44	58	54	27	7	0
<1500	35	0	0	2	10	10	7	4	2	0
<500	1	0	0	0	1	0	0	0	0	0
500-749	12	0	0	0	3	7	0	1	1	0
750-999	4	0	0	0	2	1	1	0	0	0
1000-1499	18	0	0	2	4	2	6	3	1	0
1500-1999	32	0	2	1	2	6	16	3	2	0
2000-2499	137	0	3	6	32	42	31	20	3	0
2500+	2,068	1	42	97	442	684	503	259	40	0
Unknown	0	0	0	0	0	0	0	0	0	0

Notes:

1. Low birthweight is less than 2500 grams.
2. Very low birthweight is less than 1500 grams.

Source: Delaware Department of Health and Social Services, Division of Public Health, Delaware Health Statistics Center

TABLE C-32. NUMBER OF LIVE BIRTHS BY BIRTHWEIGHT IN GRAMS, RACE, AND HISPANIC ORIGIN OF MOTHER, BY COUNTY, CITY OF WILMINGTON, AND DELAWARE, 2017

Area/ Birthweight	Race				Hispanic
	All Races	Non-Hispanic White	Non-Hispanic Black	Non-Hispanic Other	
Delaware	10,835	5,309	2,932	821	1,773
<2500	981	358	409	82	132
<1500	171	40	92	14	25
<500	26	5	17	2	2
500-749	33	9	18	0	6
750-999	24	6	13	1	4
1000-1499	88	20	44	11	13
1500-1999	161	59	69	16	17
2000-2499	649	259	248	52	90
2500+	9,849	4,951	2,523	738	1,637
Unknown	5	0	0	1	4
Kent	2,172	1,178	675	99	220
<2500	197	85	76	11	25
<1500	32	6	23	2	1
<500	3	0	3	0	0
500-749	9	2	7	0	0
750-999	3	0	3	0	0
1000-1499	17	4	10	2	1
1500-1999	32	14	11	1	6
2000-2499	133	65	42	8	18
2500+	1,974	1,093	599	88	194
Unknown	1	0	0	0	1
New Castle	6,391	2,847	1,849	665	1,030
<2500	580	174	273	64	69
<1500	104	23	52	12	17
<500	22	4	14	2	2
500-749	12	5	5	0	2
750-999	17	4	9	1	3
1000-1499	53	10	24	9	10
1500-1999	97	26	51	11	9
2000-2499	379	125	170	41	43
2500+	5,807	2,673	1,576	600	958
Unknown	4	0	0	1	3
Wilmington	968	223	560	31	154
<2500	117	17	87	7	6
<1500	26	4	19	1	2
<500	5	1	2	0	2
500-749	5	1	4	0	0
750-999	5	1	4	0	0
1000-1499	11	1	9	1	0
1500-1999	19	2	15	2	0
2000-2499	72	11	53	4	4
2500+	851	206	473	24	148
Unknown	0	0	0	0	0
Balance of NC County	5,423	2,624	1,289	634	876
<2500	463	157	186	57	63
<1500	78	19	33	11	15
<500	17	3	12	2	0
500-749	7	4	1	0	2
750-999	12	3	5	1	3
1000-1499	42	9	15	8	10
1500-1999	78	24	36	9	9
2000-2499	307	114	117	37	39
2500+	4,956	2,467	1,103	576	810
Unknown	4	0	0	1	3
Sussex	2,272	1,284	408	57	523
<2500	204	99	60	7	38
<1500	35	11	17	0	7
<500	1	1	0	0	0
500-749	12	2	6	0	4
750-999	4	2	1	0	1
1000-1499	18	6	10	0	2
1500-1999	32	19	7	4	2
2000-2499	137	69	36	3	29
2500+	2,068	1,185	348	50	485
Unknown	0	0	0	0	0

Notes:

1. Low birthweight is less than 2500 grams.
2. Very low birthweight is less than 1500 grams.
- * Mothers of Hispanic origin may be of any race. See Hispanic Origin and Race in the Technical Notes.

Source: Delaware Department of Health and Social Services, Division of Public Health, Delaware Health Statistics Center

TABLE C-33. NUMBER OF LIVE BIRTHS, BY RACE AND HISPANIC ORIGIN OF MOTHER, WEEKS OF GESTATION, AND AGE OF MOTHER, DELAWARE, 2017

Race-Origin/ Weeks	Age							Unknown
	Total	<20	20-24	25-29	30-34	35-39	40+	
All Races	10,835	556	2,014	3,333	3,149	1,481	302	0
<20 Weeks	6	0	0	1	2	3	0	0
20-27 Weeks	74	4	18	25	16	8	3	0
28-31 Weeks	94	6	23	27	17	17	4	0
32-35 Weeks	486	19	83	133	150	73	28	0
36 Weeks	443	19	99	121	126	63	15	0
37-39 Weeks	6,569	315	1,124	2,008	1,942	979	201	0
40 Weeks	2,312	128	475	743	651	267	48	0
41 Weeks	823	64	181	265	242	68	3	0
42+ Weeks	14	0	7	3	2	2	0	0
Unknown	14	1	4	7	1	1	0	0
Non-Hispanic White	5,309	171	824	1,626	1,777	762	149	0
<20 Weeks	2	0	0	1	1	0	0	0
20-27 Weeks	14	1	3	4	1	4	1	0
28-31 Weeks	31	1	5	10	5	7	3	0
32-35 Weeks	203	2	34	50	71	32	14	0
36 Weeks	211	7	40	55	71	33	5	0
37-39 Weeks	3,181	88	439	964	1,087	504	99	0
40 Weeks	1,197	37	216	392	388	139	25	0
41 Weeks	457	34	84	145	151	41	2	0
42+ Weeks	8	0	2	3	1	2	0	0
Unknown	5	1	1	2	1	0	0	0
Non-Hispanic Black	2,932	212	690	963	642	340	85	0
<20 Weeks	4	0	0	0	1	3	0	0
20-27 Weeks	46	3	14	14	11	4	0	0
28-31 Weeks	36	4	9	11	6	5	1	0
32-35 Weeks	162	7	30	55	43	22	5	0
36 Weeks	137	7	36	41	29	18	6	0
37-39 Weeks	1,811	129	395	596	411	221	59	0
40 Weeks	560	48	150	185	105	58	14	0
41 Weeks	170	14	54	58	35	9	0	0
42+ Weeks	2	0	1	0	1	0	0	0
Unknown	4	0	1	3	0	0	0	0
Non-Hispanic Other	821	25	65	247	329	139	16	0
<20 Weeks	0	0	0	0	0	0	0	0
20-27 Weeks	3	0	0	2	1	0	0	0
28-31 Weeks	9	0	2	1	4	2	0	0
32-35 Weeks	43	2	2	11	20	7	1	0
36 Weeks	34	2	6	7	13	4	2	0
37-39 Weeks	502	13	39	151	194	94	11	0
40 Weeks	183	5	12	59	77	28	2	0
41 Weeks	46	3	3	16	20	4	0	0
42+ Weeks	0	0	0	0	0	0	0	0
Unknown	1	0	1	0	0	0	0	0
Hispanic Origin*	1,773	148	435	497	401	240	52	0
<20 Weeks	0	0	0	0	0	0	0	0
20-27 Weeks	11	0	1	5	3	0	2	0
28-31 Weeks	18	1	7	5	2	3	0	0
32-35 Weeks	78	8	17	17	16	12	8	0
36 Weeks	61	3	17	18	13	8	2	0
37-39 Weeks	1,075	85	251	297	250	160	32	0
40 Weeks	372	38	97	107	81	42	7	0
41 Weeks	150	13	40	46	36	14	1	0
42+ Weeks	4	0	4	0	0	0	0	0
Unknown	4	0	1	2	0	1	0	0

Notes:

Weeks of gestation are calculated from the first day of the last normal menstrual period to date of delivery.
 *Mothers of Hispanic origin may be of any race. See Hispanic Origin and Race in the Technical Notes.

Source: Delaware Department of Health and Social Services, Division of Public Health, Delaware Health Statistics Center

TABLE C-34. NUMBER OF LIVE BIRTHS BY RACE AND HISPANIC ORIGIN OF MOTHER, BIRTHWEIGHT, AND WEEKS OF GESTATION, DELAWARE, 2017

Race-Origin/ Birthweight	Weeks of Gestation									
	Total	Preterm				Term			Postterm	Unknown
		<28 Weeks	28-31 Weeks	32-35 Weeks	36 Weeks	37-39 Weeks	40 Weeks	41 Weeks	42+ Weeks	
All Races	10,835	80	94	486	443	6,569	2,312	823	14	14
<500	26	26	0	0	0	0	0	0	0	0
500-999	57	43	13	0	0	0	0	0	0	1
1000-1499	88	10	49	27	0	2	0	0	0	0
1500-1999	161	0	26	104	19	11	0	1	0	0
2000-2499	649	0	3	226	114	300	5	0	0	1
2500-2999	2,045	1	0	103	210	1,480	216	35	0	0
3000-3499	3,997	0	2	23	79	2,687	925	270	7	4
3500-3999	2,879	0	1	2	16	1,618	883	356	1	2
4000-4499	812	0	0	0	4	404	257	141	5	1
4500+	116	0	0	1	1	67	26	20	1	0
Unknown	5	0	0	0	0	0	0	0	0	5
Non-Hispanic White	5,309	16	31	203	211	3,181	1,197	457	8	5
<500	5	5	0	0	0	0	0	0	0	0
500-999	15	9	6	0	0	0	0	0	0	0
1000-1499	20	2	15	2	0	1	0	0	0	0
1500-1999	59	0	8	43	4	3	0	1	0	0
2000-2499	259	0	2	95	53	105	3	0	0	1
2500-2999	818	0	0	46	94	572	92	14	0	0
3000-3499	1,861	0	0	15	48	1,254	410	128	4	2
3500-3999	1,654	0	0	2	10	940	492	207	1	2
4000-4499	539	0	0	0	2	263	180	92	2	0
4500+	79	0	0	0	0	43	20	15	1	0
Unknown	0	0	0	0	0	0	0	0	0	0
Non-Hispanic Black	2,932	50	36	162	137	1,811	560	170	2	4
<500	17	17	0	0	0	0	0	0	0	0
500-999	31	27	3	0	0	0	0	0	0	1
1000-1499	44	5	22	16	0	1	0	0	0	0
1500-1999	69	0	10	41	10	8	0	0	0	0
2000-2499	248	0	0	77	45	124	2	0	0	0
2500-2999	680	1	0	23	65	515	63	13	0	0
3000-3499	1,080	0	1	5	12	752	250	57	1	2
3500-3999	625	0	0	0	3	335	210	77	0	0
4000-4499	121	0	0	0	1	63	34	21	1	1
4500+	17	0	0	0	1	13	1	2	0	0
Unknown	0	0	0	0	0	0	0	0	0	0
Non-Hispanic Other	821	3	9	43	34	502	183	46	0	1
<500	2	2	0	0	0	0	0	0	0	0
500-999	1	0	1	0	0	0	0	0	0	0
1000-1499	11	1	5	5	0	0	0	0	0	0
1500-1999	16	0	2	10	4	0	0	0	0	0
2000-2499	52	0	1	22	5	24	0	0	0	0
2500-2999	196	0	0	6	16	140	31	3	0	0
3000-3499	341	0	0	0	8	225	85	23	0	0
3500-3999	160	0	0	0	1	88	54	17	0	0
4000-4499	35	0	0	0	0	22	11	2	0	0
4500+	6	0	0	0	0	3	2	1	0	0
Unknown	1	0	0	0	0	0	0	0	0	1
Hispanic Origin*	1,773	11	18	78	61	1,075	372	150	4	4
<500	2	2	0	0	0	0	0	0	0	0
500-999	10	7	3	0	0	0	0	0	0	0
1000-1499	13	2	7	4	0	0	0	0	0	0
1500-1999	17	0	6	10	1	0	0	0	0	0
2000-2499	90	0	0	32	11	47	0	0	0	0
2500-2999	351	0	0	28	35	253	30	5	0	0
3000-3499	715	0	1	3	11	456	180	62	2	0
3500-3999	440	0	1	0	2	255	127	55	0	0
4000-4499	117	0	0	0	1	56	32	26	2	0
4500+	14	0	0	1	0	8	3	2	0	0
Unknown	4	0	0	0	0	0	0	0	0	4

Notes:

Weeks of gestation are calculated from the first day of the last normal menstrual period to date of delivery.

*Mothers of Hispanic origin may be of any race. See Hispanic Origin and Race in the Technical Notes.

Source: Delaware Department of Health and Social Services, Division of Public Health, Delaware Health Statistics Center

TABLE C-35. NUMBER AND PERCENT OF LIVE BIRTHS BY RACE, HISPANIC ORIGIN, AGE OF MOTHER, AND PRINCIPAL SOURCE OF PAYMENT FOR DELIVERY, DELAWARE, 2017

Race-Origin/ Age	Source of Payment													
	Total		Medicaid		Private Insurance		Self Pay		Other		Other Government		Unknown	
	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent
All Races	10,835	100.0	4,840	44.7	5,408	49.9	248	2.3	14	0.1	296	2.7	29	0.3
<20	556	100.0	424	76.3	107	19.2	9	1.6	0	0.0	12	2.2	4	0.7
20-24	2,014	100.0	1,264	62.8	625	31.0	47	2.3	5	0.2	62	3.1	11	0.5
25-29	3,333	100.0	1,588	47.6	1,545	46.4	71	2.1	4	0.1	114	3.4	11	0.3
30-34	3,149	100.0	1,014	32.2	1,988	63.1	75	2.4	4	0.1	67	2.1	1	0.0
35+	1,783	100.0	550	30.8	1,143	64.1	46	2.6	1	0.1	41	2.3	2	0.1
Unknown	0	...	0	...	0	...	0	...	0	...	0	...	0	...
Non-Hispanic White	5,309	100.0	1,586	29.9	3,383	63.7	141	2.7	7	0.1	184	3.5	8	0.2
<20	171	100.0	113	66.1	50	29.2	0	0.0	0	0.0	6	3.5	2	1.2
20-24	824	100.0	424	51.5	323	39.2	28	3.4	2	0.2	43	5.2	4	0.5
25-29	1,626	100.0	561	34.5	949	58.4	46	2.8	3	0.2	65	4.0	2	0.1
30-34	1,777	100.0	338	19.0	1,349	75.9	45	2.5	1	0.1	44	2.5	0	0.0
35+	911	100.0	150	16.5	712	78.2	22	2.4	1	0.1	26	2.9	0	0.0
Unknown	0	...	0	...	0	...	0	...	0	...	0	...	0	...
Non-Hispanic Black	2,932	100.0	1,801	61.4	1,026	35.0	47	1.6	3	0.1	48	1.6	7	0.2
<20	212	100.0	170	80.2	37	17.5	2	0.9	0	0.0	2	0.9	1	0.5
20-24	690	100.0	478	69.3	194	28.1	8	1.2	2	0.3	5	0.7	3	0.4
25-29	963	100.0	620	64.4	310	32.2	10	1.0	0	0.0	20	2.1	3	0.3
30-34	642	100.0	348	54.2	266	41.4	13	2.0	1	0.2	14	2.2	0	0.0
35+	425	100.0	185	43.5	219	51.5	14	3.3	0	0.0	7	1.6	0	0.0
Unknown	0	...	0	...	0	...	0	...	0	...	0	...	0	...
Other/Unk Non-H	821	100.0	207	25.2	575	70.0	18	2.2	3	0.4	16	1.9	2	0.2
<20	25	100.0	21	84.0	3	12.0	1	4.0	0	0.0	0	0.0	0	0.0
20-24	65	100.0	32	49.2	26	40.0	3	4.6	0	0.0	2	3.1	2	3.1
25-29	247	100.0	58	23.5	174	70.4	5	2.0	1	0.4	9	3.6	0	0.0
30-34	329	100.0	66	20.1	252	76.6	7	2.1	2	0.6	2	0.6	0	0.0
35+	155	100.0	30	19.4	120	77.4	2	1.3	0	0.0	3	1.9	0	0.0
Unknown	0	...	0	...	0	...	0	...	0	...	0	...	0	...
Hispanic Origin*	1,773	100.0	1,246	70.3	424	23.9	42	2.4	1	0.1	48	2.7	12	0.7
<20	148	100.0	120	81.1	17	11.5	6	4.1	0	0.0	4	2.7	1	0.7
20-24	435	100.0	330	75.9	82	18.9	8	1.8	1	0.2	12	2.8	2	0.5
25-29	497	100.0	349	70.2	112	22.5	10	2.0	0	0.0	20	4.0	6	1.2
30-34	401	100.0	262	65.3	121	30.2	10	2.5	0	0.0	7	1.7	1	0.2
35+	292	100.0	185	63.4	92	31.5	8	2.7	0	0.0	5	1.7	2	0.7
Unknown	0	...	0	...	0	...	0	...	0	...	0	...	0	...

Notes:

1. Percentages may not add to 100% due to rounding.
2. Percentages are calculated based upon the total number of births in each age category.
3. Percentages for the categories "Other" and "Hispanic" should be interpreted with caution due to small numbers.
4. All Delaware residents born out of state whose source of payment for delivery was not stated, were assigned to the private insurance category. See Technical Notes.

* Mothers of Hispanic origin may be of any race. See Hispanic Origin and Race in the Technical Notes.

Source: Delaware Department of Health and Social Services, Division of Public Health, Delaware Health Statistics Center

TABLE C-36. NUMBER AND PERCENT OF LIVE BIRTHS BY RACE, HISPANIC ORIGIN, MARITAL STATUS OF MOTHER, AND PRINCIPAL SOURCE OF PAYMENT FOR DELIVERY, DELAWARE, 2017

Race-Origin/ Marital Status	Source of Payment													
	Total		Medicaid		Private Insurance		Self Pay		Other		Other Government		Unknown	
	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent
All Races	10,835	100.0	4,840	44.7	5,408	49.9	248	2.3	14	0.1	296	2.7	29	0.3
Married	5,688	100.0	1,206	21.2	4,044	71.1	177	3.1	5	0.1	245	4.3	11	0.2
Single	5,147	100.0	3,634	70.6	1,364	26.5	71	1.4	9	0.2	51	1.0	18	0.3
Non-Hispanic White	5,309	100.0	1,586	29.9	3,383	63.7	141	2.7	7	0.1	184	3.5	8	0.2
Married	3,476	100.0	429	12.3	2,745	79.0	129	3.7	3	0.1	168	4.8	2	0.1
Single	1,833	100.0	1,157	63.1	638	34.8	12	0.7	4	0.2	16	0.9	6	0.3
Non-Hispanic Black	2,932	100.0	1,801	61.4	1,026	35.0	47	1.6	3	0.1	48	1.6	7	0.2
Married	842	100.0	293	34.8	494	58.7	21	2.5	0	0.0	34	4.0	0	0.0
Single	2,090	100.0	1,508	72.2	532	25.5	26	1.2	3	0.1	14	0.7	7	0.3
Non-Hispanic Other	821	100.0	207	25.2	575	70.0	18	2.2	3	0.4	16	1.9	2	0.2
Married	680	100.0	109	16.0	542	79.7	14	2.1	2	0.3	11	1.6	2	0.3
Single	141	100.0	98	69.5	33	23.4	4	2.8	1	0.7	5	3.5	0	0.0
Hispanic Origin*	1,773	100.0	1,246	70.3	424	23.9	42	2.4	1	0.1	48	2.7	12	0.7
Married	690	100.0	375	54.3	263	38.1	13	1.9	0	0.0	32	4.6	7	1.0
Single	1,083	100.0	871	80.4	161	14.9	29	2.7	1	0.1	16	1.5	5	0.5

Notes:

1. Percentages may not add to 100% due to rounding.
 2. Percentages are calculated based upon the total number of births in each marital status category.
 3. Percentages for the categories "Other" and "Hispanic" should be interpreted with caution due to small numbers.
 4. All Delaware residents born out of state whose source of payment for delivery was not stated, were assigned to the private insurance category. See Technical Notes.
- * Mothers of Hispanic origin may be of any race. See Hispanic Origin and Race in the Technical Notes.

Source: Delaware Department of Health and Social Services, Division of Public Health, Delaware Health Statistics Center

TABLE C-37. NUMBER AND PERCENT OF LIVE BIRTHS BY RACE, HISPANIC ORIGIN OF MOTHER, METHOD OF DELIVERY, AND PRINCIPAL SOURCE OF PAYMENT FOR DELIVERY, DELAWARE, 2017

Race-Origin/ Method	Source of Payment													
	Total		Medicaid		Private Insurance		Self Pay		Other		Other Government		Unknown	
	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent
All Races	10,835	100.0	4,840	100.0	5,408	100.0	248	100.0	14	100.0	296	100.0	29	100.0
Vaginal	7,378	68.1	3,294	68.1	3,641	67.3	199	80.2	9	64.3	216	73.0	19	65.5
C-section	3,448	31.8	1,543	31.9	1,766	32.7	49	19.8	5	35.7	80	27.0	5	17.2
Unknown	9	0.1	3	0.1	1	0.0	0	0.0	0	0.0	0	0.0	5	17.2
Non-Hispanic White	5,309	100.0	1,586	100.0	3,383	100.0	141	100.0	7	100.0	184	100.0	8	100.0
Vaginal	3,664	69.0	1,082	68.2	2,311	68.3	126	89.4	5	71.4	135	73.4	5	62.5
C-section	1,644	31.0	504	31.8	1,071	31.7	15	10.6	2	28.6	49	26.6	3	37.5
Unknown	1	0.0	0	0.0	1	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Non-Hispanic Black	2,932	100.0	1,801	100.0	1,026	100.0	47	100.0	3	100.0	48	100.0	7	100.0
Vaginal	1,951	66.5	1,217	67.6	668	65.1	27	57.4	1	33.3	32	66.7	6	85.7
C-section	981	33.5	584	32.4	358	34.9	20	42.6	2	66.7	16	33.3	1	14.3
Unknown	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Other/Unk Non-Hispanic	821	100.0	207	100.0	575	100.0	18	100.0	3	100.0	16	100.0	2	100.0
Vaginal	545	66.4	129	62.3	386	67.1	15	83.3	2	66.7	12	75.0	1	50.0
C-section	275	33.5	78	37.7	189	32.9	3	16.7	1	33.3	4	25.0	0	0.0
Unknown	1	0.1	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	1	50.0
Hispanic Origin*	1,773	100.0	1,246	100.0	424	100.0	42	100.0	1	100.0	48	100.0	12	100.0
Vaginal	1,218	68.7	866	69.5	276	65.1	31	73.8	1	100.0	37	77.1	7	58.3
C-section	548	30.9	377	30.3	148	34.9	11	26.2	0	0.0	11	22.9	1	8.3
Unknown	7	0.4	3	0.2	0	0.0	0	0.0	0	0.0	0	0.0	4	33.3

Notes:

1. Percentages may not add to 100% due to rounding.
2. Percentages are calculated based upon the total number of births in each source of payment category.
3. Percentages for the categories "Other" and "Hispanic" should be interpreted with caution due to small numbers.
4. All Delaware residents born out of state whose source of payment for delivery was not stated, were assigned to the private insurance category. See Technical Notes.

* Mothers of Hispanic origin may be of any race. See Hispanic Origin and Race in the Technical Notes.

Source: Delaware Department of Health and Social Services, Division of Public Health, Delaware Health Statistics Center

TABLE C-38. NUMBER OF LIVE BIRTHS BY METHOD OF DELIVERY, DELAWARE, 2017

Method of Delivery	Number
Total	10,835
Vaginal	7,378
Vaginal after Previous	241
C-Section	3,448
Primary C-Section	1,838
Repeat C-Section	1,610
Unknown	9

Source: Delaware Department of Health and Social Services, Division of Public Health, Delaware Health Statistics Center

TABLE C-39. NUMBER AND PERCENT OF LIVE BIRTHS BY BIRTHWEIGHT IN GRAMS AND METHOD OF DELIVERY, DELAWARE, 2017

Birth weight	Method of Delivery							
	Total		Vaginal		C-Section		Unknown	
	Number	Percent	Number	Percent	Number	Percent	Number	Percent
Total	10,835	100.0	7,378	68.1	3,448	31.8	9	0.1
<2500	981	100.0	517	52.7	464	47.3	0	0.0
<1500	171	100.0	66	38.6	105	61.4	0	0.0
1500-2499	810	100.0	451	55.7	359	44.3	0	0.0
2500+	9,849	100.0	6,861	69.7	2,984	30.3	4	0.0
Unknown	5	100.0	0	0.0	0	0.0	5	100.0

Notes:

1. Percentages may not add to 100% due to rounding.
2. Percentages are calculated based upon the total number of live births in each birth weight category.

Source: Delaware Department of Health and Social Services, Division of Public Health, Delaware Health Statistics Center

TABLE C-40. NUMBER AND PERCENT OF LIVE BIRTHS BY AGE OF MOTHER AND METHOD OF DELIVERY, DELAWARE, 2017

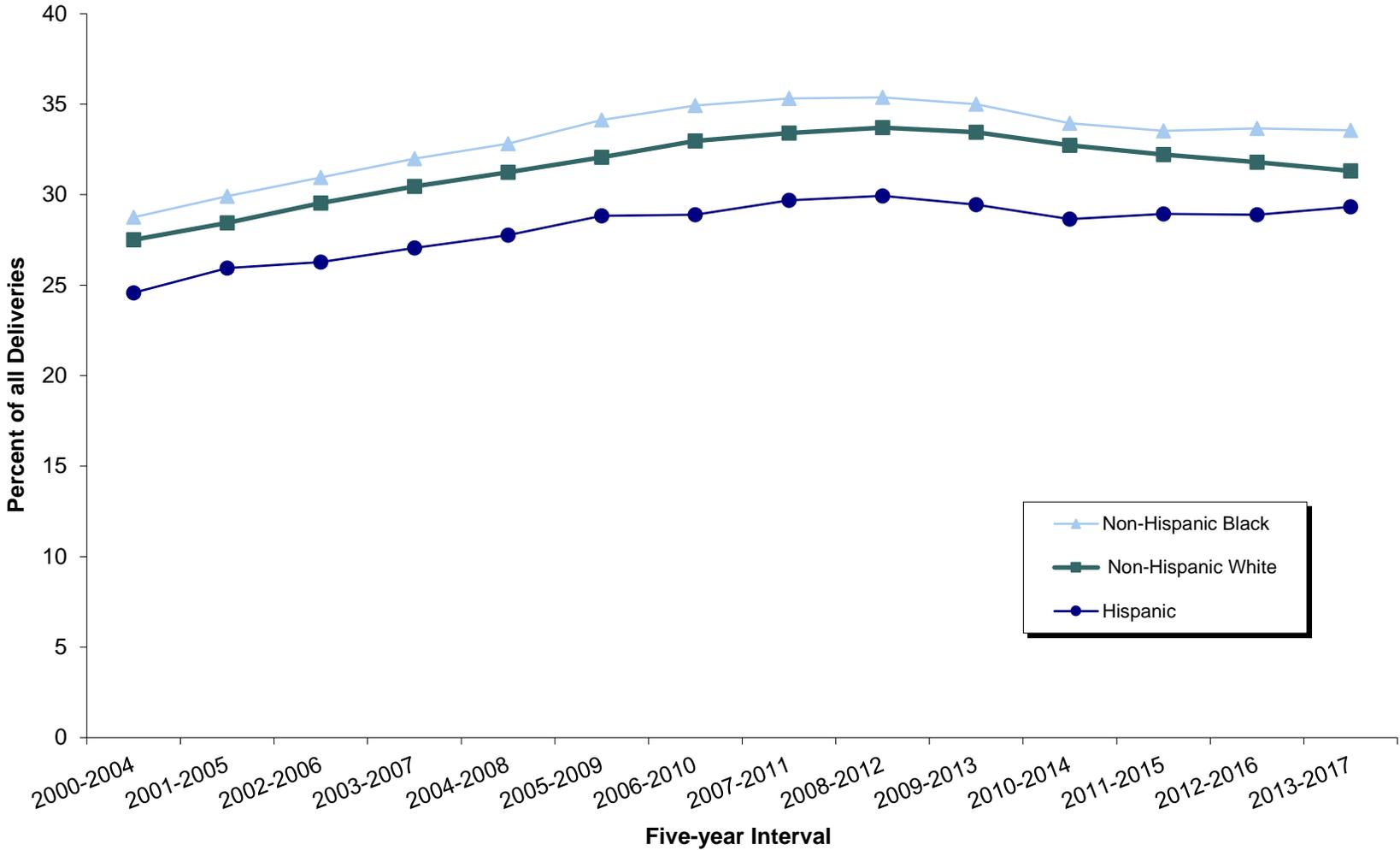
Age	Method of Delivery							
	Total		Vaginal		C-Section		Unknown	
	Number	Percent	Number	Percent	Number	Percent	Number	Percent
Total	10,835	100.0	7,378	68.1	3,448	31.8	9	0.1
<20	556	100.0	467	84.0	89	16.0	0	0.0
20-24	2,014	100.0	1,518	75.4	493	24.5	3	0.1
25-29	3,333	100.0	2,316	69.5	1,014	30.4	3	0.1
30-34	3,149	100.0	2,040	64.8	1,109	35.2	0	0.0
35+	1,783	100.0	1,037	58.2	743	41.7	3	0.2
Unknown	0	...	0	...	0	...	0	...

Notes:

1. Percentages may not add to 100% due to rounding.
2. Percentages are calculated based upon the total number of live births in each age category.
- ...Indicates percentage is not calculated because the denominator is zero.

Source: Delaware Department of Health and Social Services, Division of Public Health, Delaware Health Statistics Center

Figure C-15. Five-year Percent Births by Cesarean Section Delivery by Race and Ethnicity Delaware, 2000-2017



Sources: Delaware Department of Health and Social Services, Division of Public Health, Delaware Health Statistics Center

TABLE C-41. NUMBER AND PERCENT OF LIVE BIRTHS FOR MOTHERS REPORTING TOBACCO USE DURING PREGNANCY BY RACE AND HISPANIC ORIGIN OF MOTHER, BY COUNTY, CITY OF WILMINGTON, AND DELAWARE, 2017

Area/ Tobacco Use	Race								Hispanic Origin*	
	All Races		Non-Hispanic White		Non-Hispanic Black		Non-Hispanic Other		Number	Percent
	Number	Percent	Number	Percent	Number	Percent	Number	Percent		
Delaware	10,835	100.0	5,309	100.0	2,932	100.0	821	100.0	1,773	100.0
Yes	978	9.0	648	12.2	261	8.9	18	2.2	51	2.9
No	9,845	90.9	4,661	87.8	2,667	91.0	800	97.4	1,717	96.8
Unknown	12	0.1	0	0.0	4	0.1	3	0.4	5	0.3
Kent	2,172	100.0	1,178	100.0	675	100.0	99	100.0	220	100.0
Yes	240	11.0	159	13.5	64	9.5	3	3.0	14	6.4
No	1,929	88.8	1,019	86.5	611	90.5	94	94.9	205	93.2
Unknown	3	0.1	0	0.0	0	0.0	2	2.0	1	0.5
New Castle	6,391	100.0	2,847	100.0	1,849	100.0	665	100.0	1,030	100.0
Yes	457	7.2	272	9.6	149	8.1	8	1.2	28	2.7
No	5,925	92.7	2,575	90.4	1,696	91.7	656	98.6	998	96.9
Unknown	9	0.1	0	0.0	4	0.2	1	0.2	4	0.4
Wilmington	968	100.0	223	100.0	560	100.0	31	100.0	154	100.0
Yes	105	10.8	19	8.5	75	13.4	2	6.5	9	5.8
No	862	89.0	204	91.5	484	86.4	29	93.5	145	94.2
Unknown	1	0.1	0	0.0	1	0.2	0	0.0	0	0.0
Balance of NC County	5,423	100.0	2,624	100.0	1,289	100.0	634	100.0	876	100.0
Yes	352	6.5	253	9.6	74	5.7	6	0.9	19	2.2
No	5,063	93.4	2,371	90.4	1,212	94.0	627	98.9	853	97.4
Unknown	8	0.1	0	0.0	3	0.2	1	0.2	4	0.5
Sussex	2,272	100.0	1,284	100.0	408	100.0	57	100.0	523	100.0
Yes	281	12.4	217	16.9	48	11.8	7	12.3	9	1.7
No	1,991	87.6	1,067	83.1	360	88.2	50	87.7	514	98.3
Unknown	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0

Notes:

1. Percentages may not add to 100% due to rounding.
 2. Percentages are calculated based upon the total births within each race/origin category.
 3. Percentages for the categories "Other" and "Hispanic" should be interpreted with caution due to small numbers.
- * Mothers of Hispanic origin may be of any race. See Hispanic Origin and Race in the Technical Notes.

Source: Delaware Department of Health and Social Services, Division of Public Health, Delaware Health Statistics Center

TABLE C-42. NUMBER AND PERCENT OF LIVE BIRTHS BY AGE OF MOTHER AND MOTHER'S REPORTED USE OF TOBACCO DURING PREGNANCY, DELAWARE, 2017

Age	Reported Tobacco Use							
	Total		Yes		No		Unknown	
	Number	Percent	Number	Percent	Number	Percent	Number	Percent
Total	10,835	100.0	978	9.0	9,845	90.9	12	0.1
< 18	164	100.0	9	5.5	155	94.5	0	0.0
18-19	392	100.0	32	8.2	360	91.8	0	0.0
20-24	2,014	100.0	220	10.9	1,790	88.9	4	0.2
25-29	3,333	100.0	358	10.7	2,972	89.2	3	0.1
30-34	3,149	100.0	228	7.2	2,919	92.7	2	0.1
35 +	1,783	100.0	131	7.3	1,649	92.5	3	0.2
Unknown	0	...	0	...	0	...	0	...

Notes:

1. Percentages may not add to 100% due to rounding.
2. Percentages are calculated based upon the total number of births in each age category.

Source: Delaware Department of Health and Social Services, Division of Public Health, Delaware Health Statistics Center

TABLE C-43. NUMBER AND PERCENT OF LIVE BIRTHS BY BIRTHWEIGHT IN GRAMS AND MOTHER'S REPORTED USE OF TOBACCO DURING PREGNANCY, BY COUNTY, CITY OF WILMINGTON, AND DELAWARE, 2017

Area/ Birth Weight	Reported Tobacco Use							
	Total		Yes		No		Unknown	
	Number	Percent	Number	Percent	Number	Percent	Number	Percent
Delaware	10,835	100.0	978	100.0	9,845	100.0	12	100.0
<2,500	981	9.1	149	15.2	830	8.4	2	16.7
2,500+	9,849	90.9	829	84.8	9,015	91.6	5	41.7
Unknown	5	0.0	0	0.0	0	0.0	5	41.7
Kent	2,172	100.0	240	100.0	1,929	100.0	3	100.0
<2,500	197	9.1	32	13.3	164	8.5	1	33.3
2,500+	1,974	90.9	208	86.7	1,765	91.5	1	33.3
Unknown	1	0.0	0	0.0	0	0.0	1	33.3
New Castle	6,391	100.0	457	100.0	5,925	100.0	9	100.0
<2,500	580	9.1	76	16.6	503	8.5	1	11.1
2,500+	5,807	90.9	381	83.4	5,422	91.5	4	44.4
Unknown	4	0.1	0	0.0	0	0.0	4	44.4
Wilmington	968	100.0	105	100.0	862	100.0	1	100.0
<2,500	117	12.1	18	17.1	98	11.4	1	100.0
2,500+	851	87.9	87	82.9	764	88.6	0	0.0
Unknown	0	0.0	0	0.0	0	0.0	0	0.0
Balance of NC County	5,423	100.0	352	100.0	5,063	100.0	8	100.0
<2,500	463	8.5	58	16.5	405	8.0	0	0.0
2,500+	4,956	91.4	294	83.5	4,658	92.0	4	50.0
Unknown	4	0.1	0	0.0	0	0.0	4	50.0
Sussex	2,272	100.0	281	100.0	1,991	100.0	0	...
<2,500	204	9.0	41	14.6	163	8.2	0	...
2,500+	2,068	91.0	240	85.4	1,828	91.8	0	...
Unknown	0	0.0	0	0.0	0	0.0	0	...

Notes:

1. Percentages may not add to 100% due to rounding.
2. Percentages are calculated based upon the total number of live births in each tobacco use category.

Source: Delaware Department of Health and Social Services, Division of Public Health, Delaware Health Statistics Center

TABLE C-44. PERCENTAGE OF LIVE BIRTHS FOR MOTHERS REPORTING TOBACCO USE DURING PREGNANCY, BY RACE AND HISPANIC ORIGIN, AND DELAWARE, 2004-2017

Year/ Area	Race			Hispanic Origin*
	All Races	White	Black	
2017	9.0	12.2	8.9	2.9
2016	8.9	9.6	8.9	3.2
2015	9.9	10.8	10.8	3.3
2014	10.1	10.9	10.3	3.2
2013	10.9	11.7	10.3	4.5
2012	12.4	13.8	11.3	3.7
2011	11.7	13.0	10.4	3.6
2010	12.3	13.3	11.8	3.0
2009	13.4	14.5	12.8	3.4
2008	12.4	13.3	12.3	3.2
2007	12.8	14.0	12.6	3.4
2006	9.4	10.1	8.5	2.8
2005	11.6	12.7	10.3	3.3
2004	11.8	12.4	11.8	2.9

Notes:

1. N/A indicates data not available.
 2. Percentages for the category "Hispanic" should be interpreted with caution due to small numbers.
 3. US percentages are based on the numbers reported by some states only.
- * Mothers of Hispanic origin may be of any race. See Hispanic Origin and Race in the Technical Notes.

Sources: National Center for Health Statistics

*Delaware Department of Health and Social Services, Division of Public Health,
Delaware Health Statistics Center*

TABLE C-45. NUMBER AND PERCENT OF LIVE BIRTHS BY DAY OF THE WEEK, DELAWARE, 2017

Day	Number	Percent
Sunday	1,050	9.7
Monday	1,581	14.6
Tuesday	1,702	15.7
Wednesday	1,795	16.6
Thursday	1,736	16.0
Friday	1,742	16.1
Saturday	1,229	11.3
Total	10,835	100.0

Notes:

1. Percentages may not add to 100% due to rounding.
2. Percentages are calculated based upon the total number of live births.

Source: Delaware Department of Health and Social Services, Division of Public Health, Delaware Health Statistics Center

TABLE C-46. NUMBER AND PERCENT OF LIVE BIRTHS BY MONTH, DELAWARE, 2017

Month	Number	Percent
January	876	8.1
February	806	7.4
March	917	8.5
April	850	7.8
May	932	8.6
June	956	8.8
July	940	8.7
August	946	8.7
September	928	8.6
October	973	9.0
November	836	7.7
December	875	8.1
Total	10,835	100.0

Notes:

1. Percentages may not add to 100% due to rounding.
2. Percentages are calculated based upon the total number of live births.

Source: Delaware Department of Health and Social Services, Division of Public Health, Delaware Health Statistics Center

**TABLE C-47. MOST POPULAR BIRTH NAMES BY SEX OF CHILD,
DELAWARE, 2016-2017**

Males

Rank	2016	
	Name	Number
1	Michael	62
2	Liam	61
3	Mason	50
4	Noah	49
5	William	47
6	Alexander	44
6	Carter	44
6	Logan	44
9	Jacob	42
10	Jackson	40
10	James	40
12	Anthony	39
13	Joseph	38
14	Benjamin	36
14	Lucas	36

Rank	2017	
	Name	Number
1	Logan	58
2	Liam	54
3	Noah	52
4	Mason	47
5	Michael	44
6	James	43
7	William	39
8	Cameron	38
9	Joseph	36
10	Elijah	34
10	Ethan	34
10	Jackson	34
13	Benjamin	33
13	Dylan	33
13	Gabriel	33

Females

Rank	2016	
	Name	Number
1	Ava	65
2	Olivia	61
3	Charlotte	49
4	Emma	44
5	Sophia	43
6	Isabella	42
7	Harper	40
8	Elizabeth	37
9	Aubrey	33
10	Emily	30
11	Riley	28
12	Madison	26
12	Mia	26
14	Amelia	25
14	Avery	25

Rank	2017	
	Name	Number
1	Olivia	54
2	Ava	52
3	Isabella	49
4	Charlotte	42
5	Emma	39
6	Sophia	34
7	Harper	29
8	Emily	28
8	Mia	28
10	Aubrey	27
10	Layla	27
11	Elizabeth	26
11	Evelyn	26
11	Madison	26
15	Riley	25

Note:

The most popular names reflect the most frequently occurring names based upon spelling. No attempt is made to account for variations in spelling.

Source: Delaware Department of Health and Social Services,
Division of Public Health,
Delaware Health Statistics Center

TABLE C-48. RANKING OF PERCENTAGE OF LOW BIRTHWEIGHT (<2,500 GRAMS), U.S., 50 STATES AND DISTRICT OF COLUMBIA, 2017

State	Low Birthweight	
	Rate	Rank
Alabama	10.3	4
Alaska	6.2	51
Arizona	7.5	34
Arkansas	9.3	10
California	6.9	42
Colorado	9.1	12
Connecticut	8.1	28
Delaware	9.0	14
District of Columbia	10.5	3
Florida	8.8	16
Georgia	9.9	5
Hawaii	8.5	22
Idaho	7.0	41
Illinois	8.5	22
Indiana	8.3	27
Iowa	6.6	49
Kansas	7.4	38
Kentucky	8.8	16
Louisiana	10.7	2
Maine	7.1	40
Maryland	8.9	15
Massachusetts	7.5	34
Michigan	8.8	16
Minnesota	6.7	46
Mississippi	11.6	1
Missouri	8.7	19
Montana	8.0	31
Nebraska	7.5	34
Nevada	9.1	12
New Hampshire	6.9	42
New Jersey	7.9	32
New Mexico	9.5	7
New York	8.1	28
North Carolina	9.4	9
North Dakota	6.7	46
Ohio	8.7	19
Oklahoma	8.1	28
Oregon	6.8	45
Pennsylvania	8.4	24
Rhode Island	7.5	34
South Carolina	9.7	6
South Dakota	6.9	42
Tennessee	9.2	11
Texas	8.4	24
Utah	7.2	39
Vermont	6.7	46
Virginia	8.4	24
Washington	6.6	49
West Virginia	9.5	7
Wisconsin	7.7	33
Wyoming	8.7	19
United States	8.3	

Sources: National Center for Health Statistics
 Delaware Department of Health and Social Services,
 Division of Public Health,
 Delaware health Statistics Center

TABLE C-49. RANKING OF PERCENTAGE OF LIVE BIRTHS BY CESAREAN DELIVERY AND PERCENTAGE OF BIRTHS TO SINGLE MOTHERS, U.S., 50 STATES AND DISTRICT OF COLUMBIA, 2017

State	Cesarean Deliveries		Single Mothers	
	Rate	Rank	Rate	Rank
Alabama	35.1	45	47.1	7
Alaska	22.5	1	35.3	39
Arizona	26.9	11	44.8	13
Arkansas	33.5	37	45.5	11
California	31.4	28	37.5	32
Colorado	26.5	10	22.5	50
Connecticut	34.8	43	36.6	34
Delaware	31.8	31	47.6	6
District of Columbia	32.2	33	47.8	5
Florida	37.2	49	47.0	8
Georgia	34.2	42	44.9	12
Hawaii	25.9	7	38.6	29
Idaho	23.7	3	28.1	49
Illinois	31.1	27	39.8	26
Indiana	29.7	18	42.8	17
Iowa	29.7	18	35.4	38
Kansas	30.0	21	35.7	37
Kentucky	35.2	46	41.6	19
Louisiana	37.5	50	52.7	2
Maine	29.9	20	39.0	28
Maryland	33.9	39	39.6	27
Massachusetts	31.6	30	33.0	44
Michigan	31.9	32	41.1	20
Minnesota	27.4	12	32.0	46
Mississippi	37.8	51	53.5	1
Missouri	30.1	22	39.9	25
Montana	28.5	16	35.9	36
Nebraska	30.4	24	33.2	43
Nevada	34.1	40	48.4	4
New Hampshire	31.0	26	32.6	45
New Jersey	35.9	48	33.9	41
New Mexico	24.7	5	51.7	3
New York	34.1	40	38.0	30
North Carolina	29.4	17	40.9	23
North Dakota	28.3	15	31.5	48
Ohio	30.3	23	43.2	16
Oklahoma	32.2	33	42.0	18
Oregon	28.1	14	36.2	35
Pennsylvania	30.5	25	41.0	21
Rhode Island	31.5	29	43.9	14
South Carolina	33.5	37	46.1	9
South Dakota	24.5	4	37.2	33
Tennessee	32.4	35	43.6	15
Texas	35.0	44	41.0	21
Utah	22.8	2	18.5	51
Vermont	25.7	6	40.1	24
Virginia	32.6	36	34.6	40
Washington	27.7	13	31.6	47
West Virginia	35.2	46	45.6	10
Wisconsin	26.4	8	37.7	31
Wyoming	26.4	8	33.5	42
United States	32.0		39.8	

Sources: National Center for Health Statistics
 Delaware Department of Health and Social Services,
 Division of Public Health,
 Delaware Health Statistics Center

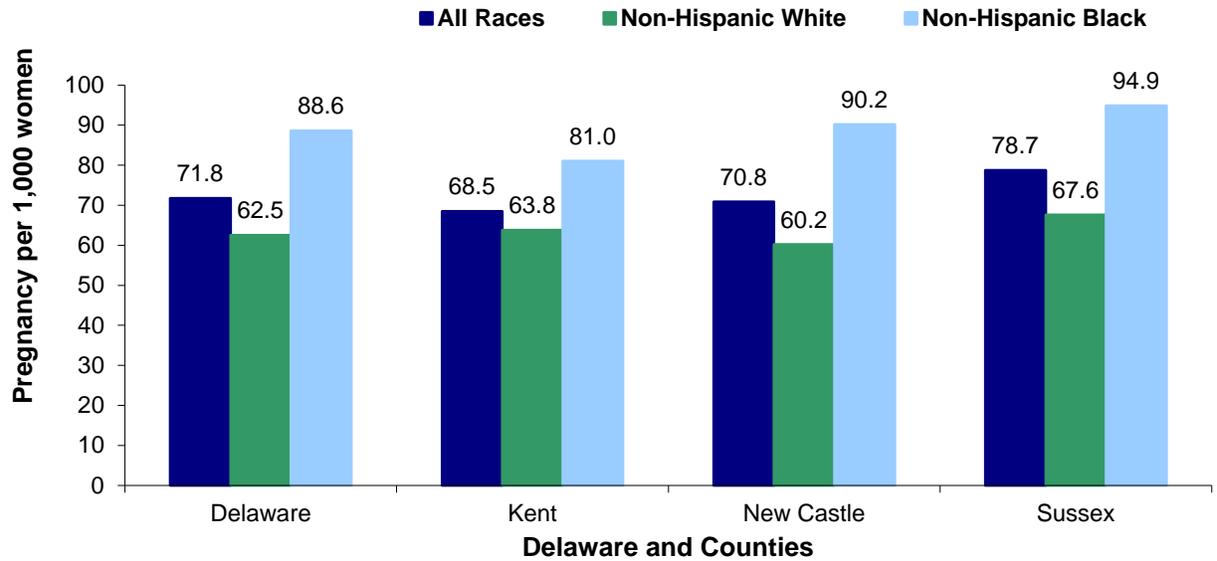


Reported Pregnancies

REPORTED PREGNANCIES

At 72 reported pregnancies per 1,000 women aged 15-44, the 2013-2017 rate of reported pregnancies decreased by 12 percent from the 81.9 rate in 2008-2012. Although pregnancy rates of non-Hispanic black mothers were significantly higher than those of non-Hispanic white mothers in every county, the largest difference between the pregnancy rate of non-Hispanic white (60.2 percent) and non-Hispanic black (90.2 percent) mothers occurred in New Castle County.

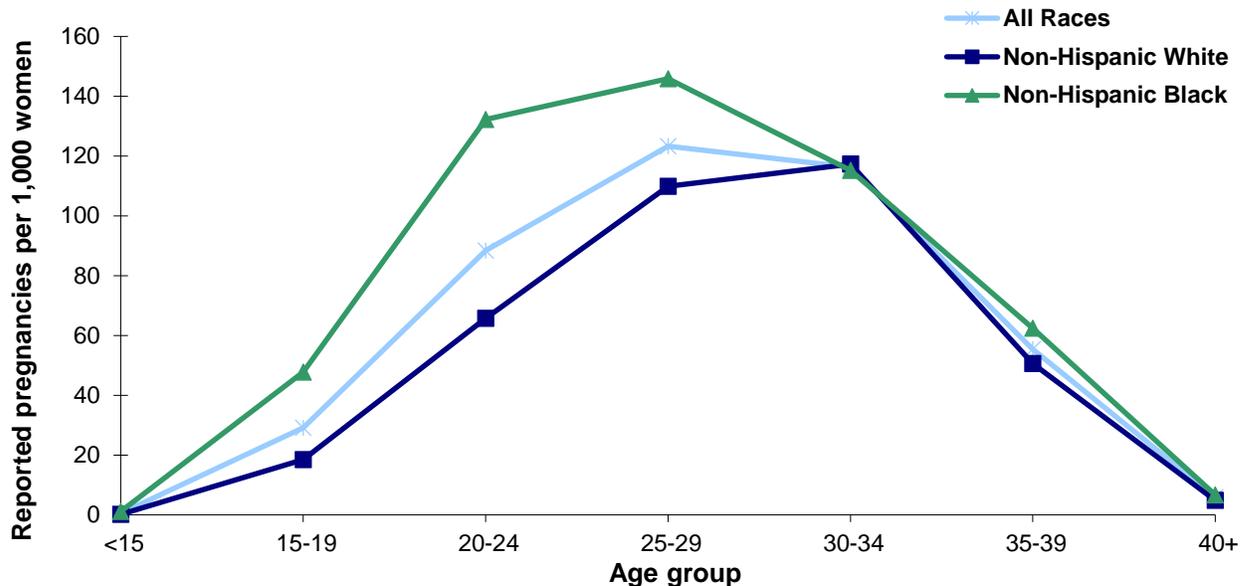
Figure 21. Five-year Average Rate of Reported Pregnancies by Race, Delaware and Counties, 2013-2017



Source: Delaware Department of Health and Social Services, Division of Public Health, Delaware Health Statistics Center

For non-Hispanic white women, the 30-34 year age group had the highest pregnancy rate at 117.3 pregnancies per 1,000 women in 2013-2017. Non-Hispanic black women had higher pregnancy rates than non-Hispanic white women in all age groups except the 30-34 age group with the highest age group being 25-29 at 145.9 pregnancies per 1,000 women.

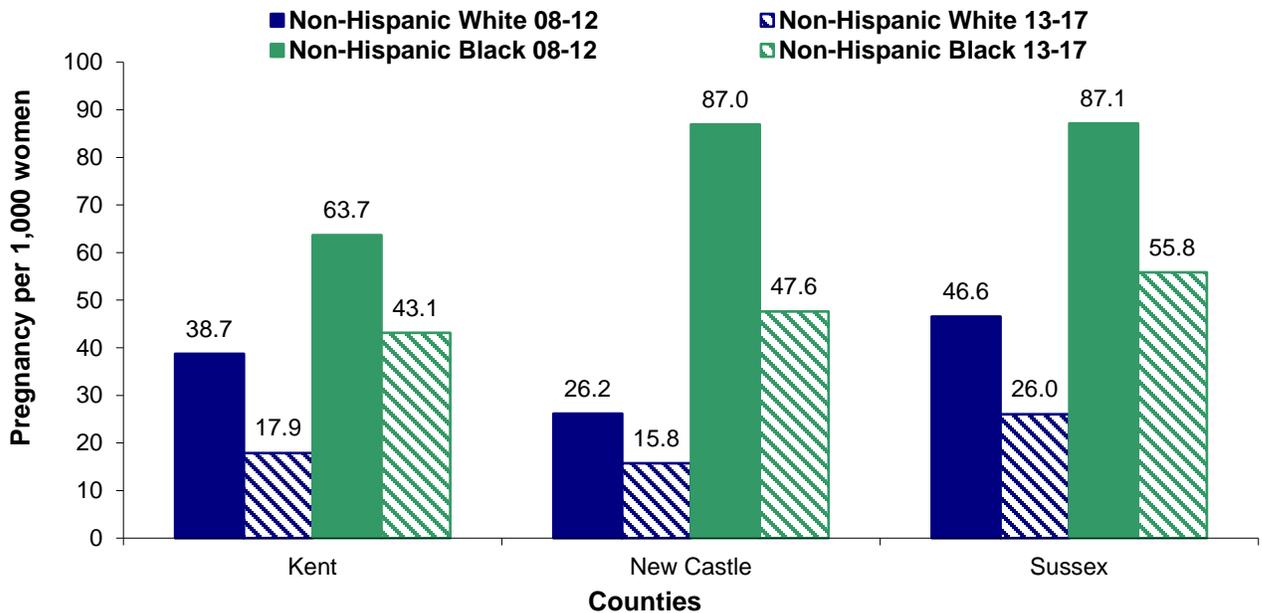
Figure 22. Five-year Average Rate of Reported Pregnancies by Age and Race, Delaware, 2013-2017



Source: Delaware Department of Health and Social Services, Division of Public Health, Delaware Health Statistics Center

In all three counties, the teen (15-19) pregnancy rates for all races declined between 2008-2012 and 2013-2017. Although all three counties had a significant decline in the non-Hispanic black teen pregnancy rate, New Castle's non-Hispanic black teen pregnancy rate showed the greatest decline from 87 in 2008-2012 to 47.6 in 2013-2017. Non-Hispanic white teens in New Castle County had the lowest reported pregnancy rate at 15.8 pregnancies per 1,000 women in 2013-2017.

Figure 23. Five-year Average Teenage (15-19) Pregnancy Rates by County and Race, Delaware, 2008-2012 and 2013-2017



Source: Delaware Department of Health and Social Services, Division of Public Health, Delaware Health Statistics Center

Kent County had the lowest five-year average pregnancy rate for younger teens aged 15-17 (11.5 pregnancies per 1,000 women). Sussex County's rate for teens in the same age group was 17.1 pregnancies per 1,000 women. The rates decreased in all counties between 2008-2012 and 2013-2017. The five-year average (2013-2017) pregnancy rate for older teens aged 18-19 was lowest in New Castle County (46.6 pregnancies per 1,000 females) and highest in Sussex County (63.8 pregnancies per 1,000 females). (Table D-8)

In 2017, 1,890 abortions were performed in Delaware; 1,667 to Delaware residents and 223 to non-residents.

- Twenty-one percent of all pregnancies to females under 20 years old ended in termination in 2017 .
 - ⇒ 26 percent of pregnancies to non-Hispanic white females under 20 years old and 25 percent to non-Hispanic black females under 20 years old ended in termination in 2017.

- Married women undergo significantly fewer terminations than their single counterparts.
 - ⇒ 2.4 percent of pregnancies to non-Hispanic white married women ended in termination and 5.7 percent of pregnancies to non-Hispanic black married women ended in termination in 2017.
 - ⇒ When the women were unmarried, these numbers increased to 24.4 percent among non-Hispanic white women and 24 percent among non-Hispanic black women.

- There were 56 fetal deaths of Delaware residents in 2017.
- There were 10,835 live births to Delaware residents in 2017.

TABLE D-1. NUMBER AND PERCENT OF REPORTED PREGNANCIES BY AGE OF WOMAN AND COUNTY, DELAWARE, 2017

Area/ Age	Reported Pregnancies							
	Total		Live Births		Fetal Deaths		Induced Terminations	
	Number	Percent	Number	Percent	Number	Percent	Number	Percent
Delaware	12,558	100.0	10,835	86.3	56	0.4	1,667	13.3
<15	8	100.0	4	50.0	1	12.5	3	37.5
15-19	701	100.0	552	78.7	2	0.3	147	21.0
15-17	198	100.0	160	80.8	1	0.5	37	18.7
18-19	503	100.0	392	77.9	1	0.2	110	21.9
20-24	2,545	100.0	2,014	79.1	13	0.5	518	20.4
25-29	3,795	100.0	3,333	87.8	15	0.4	447	11.8
30-34	3,476	100.0	3,149	90.6	14	0.4	313	9.0
35-39	1,670	100.0	1,481	88.7	10	0.6	179	10.7
40+	363	100.0	302	83.2	1	0.3	60	16.5
Unknown	0	...	0	...	0	...	0	...
Kent	2,514	100.0	2,172	86.4	14	0.6	328	13.0
<15	2	100.0	1	50.0	1	50.0	0	0.0
15-19	158	100.0	125	79.1	0	0.0	33	20.9
15-17	45	100.0	38	84.4	0	0.0	7	15.6
18-19	113	100.0	87	77.0	0	0.0	26	23.0
20-24	598	100.0	489	81.8	9	1.5	100	16.7
25-29	803	100.0	713	88.8	0	0.0	90	11.2
30-34	604	100.0	538	89.1	2	0.3	64	10.6
35-39	272	100.0	242	89.0	2	0.7	28	10.3
40+	77	100.0	64	83.1	0	0.0	13	16.9
Unknown	0	...	0	...	0	...	0	...
New Castle	7,494	100.0	6,391	85.3	33	0.4	1,070	14.3
<15	5	100.0	2	40.0	0	0.0	3	60.0
15-19	369	100.0	274	74.3	2	0.5	93	25.2
15-17	100	100.0	75	75.0	1	1.0	24	24.0
18-19	269	100.0	199	74.0	1	0.4	69	25.7
20-24	1,373	100.0	1,039	75.7	3	0.2	331	24.1
25-29	2,171	100.0	1,878	86.5	12	0.6	281	12.9
30-34	2,264	100.0	2,054	90.7	8	0.4	202	8.9
35-39	1,082	100.0	953	88.1	7	0.6	122	11.3
40+	230	100.0	191	83.0	1	0.4	38	16.5
Unknown	0	...	0	...	0	...	0	...
Sussex	2,550	100.0	2,272	89.1	9	0.4	269	10.5
<15	1	100.0	1	100.0	0	0.0	0	0.0
15-19	174	100.0	153	87.9	0	0.0	21	12.1
15-17	53	100.0	47	88.7	0	0.0	6	11.3
18-19	121	100.0	106	87.6	0	0.0	15	12.4
20-24	574	100.0	486	84.7	1	0.2	87	15.2
25-29	821	100.0	742	90.4	3	0.4	76	9.3
30-34	608	100.0	557	91.6	4	0.7	47	7.7
35-39	316	100.0	286	90.5	1	0.3	29	9.2
40+	56	100.0	47	83.9	0	0.0	9	16.1
Unknown	0	...	0	...	0	...	0	...

Notes:

1. Percentages may not add to 100% due to rounding.
2. Percentages are calculated based upon the total number of pregnancies within each area-age category.
3. Percentages for the age categories "<15" and "40+" may be misleading due to the small number of pregnancies in this category.

Source: Delaware Department of Health and Social Services, Division of Public Health, Delaware Health Statistics Center

TABLE D-2. NUMBER AND PERCENT OF REPORTED PREGNANCIES BY RACE, HISPANIC ORIGIN, AND AGE OF WOMAN, DELAWARE, 2017

Race- Hispanic Origin/ Age	Reported Pregnancies							
	Total		Live Births		Fetal Deaths		Induced Terminations	
	Number	Percent	Number	Percent	Number	Percent	Number	Percent
All Races	12,558	100.0	10,835	86.3	56	0.4	1,667	13.3
<15	8	100.0	4	50.0	1	12.5	3	37.5
15-19	701	100.0	552	78.7	2	0.3	147	21.0
15-17	198	100.0	160	80.8	1	0.5	37	18.7
18-19	503	100.0	392	77.9	1	0.2	110	21.9
20-24	2,545	100.0	2,014	79.1	13	0.5	518	20.4
25-29	3,795	100.0	3,333	87.8	15	0.4	447	11.8
30-34	3,476	100.0	3,149	90.6	14	0.4	313	9.0
35-39	1,670	100.0	1,481	88.7	10	0.6	179	10.7
40+	363	100.0	302	83.2	1	0.3	60	16.5
Unknown	0	...	0	...	0	...	0	...
Non-Hispanic White	6,000	100.0	5,309	88.5	16	0.3	675	11.3
<15	1	100.0	0	0.0	0	0.0	1	100.0
15-19	230	100.0	171	74.3	0	0.0	59	25.7
15-17	62	100.0	44	71.0	0	0.0	18	29.0
18-19	168	100.0	127	75.6	0	0.0	41	24.4
20-24	1,040	100.0	824	79.2	2	0.2	214	20.6
25-29	1,810	100.0	1,626	89.8	3	0.2	181	10.0
30-34	1,913	100.0	1,777	92.9	7	0.4	129	6.7
35-39	835	100.0	762	91.3	4	0.5	69	8.3
40+	171	100.0	149	87.1	0	0.0	22	12.9
Unknown	0	...	0	...	0	...	0	...
Non-Hispanic Black	3,680	100.0	2,932	79.7	30	0.8	718	19.5
<15	6	100.0	3	50.0	1	16.7	2	33.3
15-19	281	100.0	209	74.4	2	0.7	70	24.9
15-17	85	100.0	69	81.2	1	1.2	15	17.6
18-19	196	100.0	140	71.4	1	0.5	55	28.1
20-24	932	100.0	690	74.0	11	1.2	231	24.8
25-29	1,162	100.0	963	82.9	10	0.9	189	16.3
30-34	770	100.0	642	83.4	3	0.4	125	16.2
35-39	425	100.0	340	80.0	3	0.7	82	19.3
40+	104	100.0	85	81.7	0	0.0	19	18.3
Unknown	0	...	0	...	0	...	0	...
Non-Hispanic Other	925	100.0	821	88.8	4	0.4	100	10.8
<15	0	...	0	...	0	...	0	...
15-19	33	100.0	25	75.8	0	0.0	8	24.2
15-17	10	100.0	6	60.0	0	0.0	4	40.0
18-19	23	100.0	19	82.6	0	0.0	4	17.4
20-24	95	100.0	65	68.4	0	0.0	30	31.6
25-29	278	100.0	247	88.8	0	0.0	31	11.2
30-34	345	100.0	329	95.4	2	0.6	14	4.1
35-39	150	100.0	139	92.7	2	1.3	9	6.0
40+	24	100.0	16	66.7	0	0.0	8	33.3
Unknown	0	...	0	...	0	...	0	...
Hispanic*	1,947	100.0	1,773	91.1	6	0.3	168	8.6
<15	1	100.0	1	100.0	0	0.0	0	0.0
15-19	157	100.0	147	93.6	0	0.0	10	6.4
15-17	41	100.0	41	100.0	0	0.0	0	0.0
18-19	116	100.0	106	91.4	0	0.0	10	8.6
20-24	476	100.0	435	91.4	0	0.0	41	8.6
25-29	544	100.0	497	91.4	2	0.4	45	8.3
30-34	447	100.0	401	89.7	2	0.4	44	9.8
35-39	258	100.0	240	93.0	1	0.4	17	6.6
40+	64	100.0	52	81.3	1	1.6	11	17.2
Unknown	0	...	0	...	0	...	0	...

Notes:

1. Percentages may not add to 100% due to rounding.
2. Percentages are calculated based upon the total number of pregnancies within each race-age category.
3. Percentages for the age categories "<15" and "40+" may be misleading due to the small number of pregnancies in this category.
4. *Women of Hispanic origin may be of any race.

Source: Delaware Department of Health and Social Services, Division of Public Health, Delaware Health Statistics Center

TABLE D-3. NUMBER AND PERCENT OF REPORTED PREGNANCIES BY RACE, HISPANIC ORIGIN, AND EDUCATION OF WOMAN, DELAWARE, 2017

Race- Hispanic Origin/ Education	Reported Pregnancies							
	Total		Live Births		Fetal Deaths		Induced Terminations	
	Number	Percent	Number	Percent	Number	Percent	Number	Percent
All Races	12,558	100.0	10,835	86.3	56	0.4	1,667	13.3
<9	577	100.0	537	93.1	1	0.2	39	6.8
9 to 11	1,167	100.0	1,040	89.1	4	0.3	123	10.5
H.S. Grad	3,884	100.0	2,906	74.8	22	0.6	956	24.6
1 to 3 College	3,154	100.0	2,923	92.7	13	0.4	218	6.9
4+ College	3,549	100.0	3,380	95.2	14	0.4	155	4.4
Unknown	227	100.0	49	21.6	2	0.9	176	77.5
Non-Hispanic White	6,003	100.0	5,309	88.4	16	0.3	678	11.3
<9	113	100.0	106	93.8	0	0.0	7	6.2
9 to 11	396	100.0	345	87.1	0	0.0	51	12.9
H.S. Grad	1,519	100.0	1,141	75.1	5	0.3	373	24.6
1 to 3 College	1,673	100.0	1,563	93.4	3	0.2	107	6.4
4+ College	2,226	100.0	2,140	96.1	7	0.3	79	3.5
Unknown	76	100.0	14	18.4	1	1.3	61	80.3
Non-Hispanic Black	3,683	100.0	2,932	79.6	30	0.8	721	19.6
<9	42	100.0	30	71.4	1	2.4	11	26.2
9 to 11	393	100.0	345	87.8	3	0.8	45	11.5
H.S. Grad	1,618	100.0	1,152	71.2	16	1.0	450	27.8
1 to 3 College	981	100.0	890	90.7	7	0.7	84	8.6
4+ College	552	100.0	500	90.6	2	0.4	50	9.1
Unknown	97	100.0	15	15.5	1	1.0	81	83.5
Non-Hispanic Other	925	100.0	821	88.8	4	0.4	100	10.8
<9	13	100.0	12	92.3	0	0.0	1	7.7
9 to 11	42	100.0	36	85.7	0	0.0	6	14.3
H.S. Grad	143	100.0	93	65.0	0	0.0	50	35.0
1 to 3 College	121	100.0	109	90.1	1	0.8	11	9.1
4+ College	589	100.0	565	95.9	3	0.5	21	3.6
Unknown	17	100.0	6	35.3	0	0.0	11	64.7
Hispanic*	1,947	100.0	1,773	91.1	6	0.3	168	8.6
<9	409	100.0	389	95.1	0	0.0	20	4.9
9 to 11	336	100.0	314	93.5	1	0.3	21	6.3
H.S. Grad	604	100.0	520	86.1	1	0.2	83	13.7
1 to 3 College	379	100.0	361	95.3	2	0.5	16	4.2
4+ College	182	100.0	175	96.2	2	1.1	5	2.7
Unknown	37	100.0	14	37.8	0	0.0	23	62.2

Notes:

1. Percentages may not add to 100% due to rounding.
2. Percentages are calculated based upon the total number of pregnancies within each race-education category.
3. Percentages for the race category "Other" may be misleading due to the small number of pregnancies in this category.
4. *Women of Hispanic origin may be of any race.

Source: Delaware Department of Health and Social Services, Division of Public Health, Delaware Health Statistics Center

TABLE D-4. NUMBER AND PERCENT OF REPORTED PREGNANCIES BY RACE AND MARITAL STATUS OF WOMAN, DELAWARE AND COUNTIES, 2017

Area/Race/ Marital Status	Reported Pregnancies							
	Total		Live Births		Fetal Deaths		Induced Terminations	
	Number	Percent	Number	Percent	Number	Percent	Number	Percent
Delaware								
All Races	12,558	100.0	10,835	86.3	56	0.4	1,667	13.3
Married	5,900	100.0	5,688	96.4	20	0.3	192	3.3
Single	6,658	100.0	5,147	77.3	36	0.5	1,475	22.2
Non-Hispanic White	6,003	100.0	5,309	88.4	16	0.3	678	11.3
Married	3,571	100.0	3,476	97.3	11	0.3	84	2.4
Single	2,432	100.0	1,833	75.4	5	0.2	594	24.4
Non-Hispanic Black	3,683	100.0	2,932	79.6	30	0.8	721	19.6
Married	896	100.0	842	94.0	3	0.3	51	5.7
Single	2,787	100.0	2,090	75.0	27	1.0	670	24.0
Non-Hispanic Other	925	100.0	821	88.8	4	0.4	100	10.8
Married	716	100.0	680	95.0	4	0.6	32	4.5
Single	209	100.0	141	67.5	0	0.0	68	32.5
Kent								
All Races	2,514	100.0	2,172	86.4	14	0.6	328	13.0
Married	1,185	100.0	1,142	96.4	5	0.4	38	3.2
Single	1,329	100.0	1,030	77.5	9	0.7	290	21.8
Non-Hispanic White	1,323	100.0	1,178	89.0	3	0.2	142	10.7
Married	792	100.0	771	97.3	3	0.4	18	2.3
Single	531	100.0	407	76.6	0	0.0	124	23.4
Non-Hispanic Black	832	100.0	675	81.1	10	1.2	147	17.7
Married	229	100.0	215	93.9	1	0.4	13	5.7
Single	603	100.0	460	76.3	9	1.5	134	22.2
Non-Hispanic Other	121	100.0	99	81.8	0	0.0	22	18.2
Married	61	100.0	56	91.8	0	0.0	5	8.2
Single	60	100.0	43	71.7	0	0.0	17	28.3
New Castle								
All Races	7,494	100.0	6,391	85.3	33	0.4	1,070	14.3
Married	3,607	100.0	3,468	96.1	12	0.3	127	3.5
Single	3,887	100.0	2,923	75.2	21	0.5	943	24.3
Non-Hispanic White	3,236	100.0	2,847	88.0	9	0.3	380	11.7
Married	1,989	100.0	1,933	97.2	6	0.3	50	2.5
Single	1,247	100.0	914	73.3	3	0.2	330	26.5
Non-Hispanic Black	2,378	100.0	1,849	77.8	16	0.7	513	21.6
Married	568	100.0	531	93.5	1	0.2	36	6.3
Single	1,810	100.0	1,318	72.8	15	0.8	477	26.4
Non-Hispanic Other	740	100.0	665	89.9	4	0.5	71	9.6
Married	612	100.0	584	95.4	4	0.7	24	3.9
Single	128	100.0	81	63.3	0	0.0	47	36.7
Sussex								
All Races	2,550	100.0	2,272	89.1	9	0.4	269	10.5
Married	1,108	100.0	1,078	97.3	3	0.3	27	2.4
Single	1,442	100.0	1,194	82.8	6	0.4	242	16.8
Non-Hispanic White	1,444	100.0	1,284	88.9	4	0.3	156	10.8
Married	790	100.0	772	97.7	2	0.3	16	2.0
Single	654	100.0	512	78.3	2	0.3	140	21.4
Non-Hispanic Black	473	100.0	408	86.3	4	0.8	61	12.9
Married	99	100.0	96	97.0	1	1.0	2	2.0
Single	374	100.0	312	83.4	3	0.8	59	15.8
Non-Hispanic Other	64	100.0	57	89.1	0	0.0	7	10.9
Married	43	100.0	40	93.0	0	0.0	3	7.0
Single	21	100.0	17	81.0	0	0.0	4	19.0

Notes:

1. Percentages may not add to 100% due to rounding.
2. Percentages are calculated based upon the total number of pregnancies within each race-marital status category.
3. Percentages for the race category "Other" may be misleading due to the small number of pregnancies in this category.

Source: Delaware Department of Health and Social Services, Division of Public Health, Delaware Health Statistics Center

TABLE D-5. NUMBER OF REPORTED PREGNANCIES BY AGE OF WOMAN AND COUNTY, DELAWARE, 2007-2017

ALL RACES

Area/ Age	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017
Delaware	15,691	15,399	14,961	14,905	14,433	14,263	13,420	13,459	13,573	12,900	12,558
<15	37	47	33	34	32	28	18	18	17	16	8
15-19	1,900	1,846	1,574	1,574	1,378	1,172	1,067	926	823	791	701
15-17	640	607	488	504	427	348	304	273	241	217	198
18-19	1,260	1,239	1,086	1,070	951	824	763	653	582	574	503
20-24	4,337	4,141	4,028	3,908	3,702	3,703	3,290	3,156	3,059	2,651	2,545
25-29	4,172	4,327	4,172	4,187	4,118	3,990	3,797	3,924	3,966	3,855	3,795
30-34	3,236	3,035	3,134	3,211	3,279	3,427	3,424	3,508	3,623	3,548	3,476
35-39	1,616	1,647	1,558	1,581	1,536	1,564	1,451	1,525	1,720	1,681	1,670
40+	393	356	462	410	388	379	373	402	365	358	363
Kent	2,877	2,925	2,901	2,815	2,689	2,752	2,672	2,683	2,681	2,579	2,514
<15	5	5	5	4	3	2	2	3	3	3	2
15-19	378	356	291	304	267	235	201	169	149	187	158
15-17	108	111	86	98	73	60	53	44	43	47	45
18-19	270	245	205	206	194	175	148	125	106	140	113
20-24	915	899	971	852	773	808	778	754	731	612	598
25-29	837	823	825	827	831	783	785	844	847	859	803
30-34	474	511	528	529	551	597	611	631	612	595	604
35-39	211	277	203	227	217	262	228	231	288	257	272
40+	57	54	78	72	47	65	67	51	51	66	77
New Castle	9,773	9,382	9,233	9,360	9,143	8,781	8,225	8,153	8,236	7,759	7,494
<15	21	33	21	24	21	22	14	11	8	8	5
15-19	1,114	1,061	945	971	846	682	626	540	476	432	369
15-17	407	362	290	314	272	215	187	172	140	120	100
18-19	707	699	655	657	574	467	439	368	336	312	269
20-24	2,405	2,251	2,209	2,254	2,147	2,082	1,861	1,729	1,681	1,427	1,373
25-29	2,535	2,639	2,543	2,573	2,527	2,445	2,251	2,285	2,316	2,221	2,171
30-34	2,259	2,058	2,103	2,150	2,244	2,275	2,236	2,273	2,375	2,299	2,264
35-39	1,150	1,092	1,090	1,107	1,075	1,033	987	1,026	1,113	1,135	1,082
40+	289	248	322	281	283	242	250	289	267	237	230
Sussex	3,041	3,092	2,827	2,730	2,601	2,730	2,523	2,623	2,656	2,562	2,550
<15	11	9	7	6	8	4	2	4	6	5	1
15-19	408	429	338	299	265	255	240	217	198	172	174
15-17	125	134	112	92	82	73	64	57	58	50	53
18-19	283	295	226	207	183	182	176	160	140	122	121
20-24	1,017	991	848	802	782	813	651	673	647	612	574
25-29	800	865	804	787	760	762	761	795	803	775	821
30-34	503	466	503	532	484	555	577	604	636	654	608
35-39	255	278	265	247	244	269	236	268	319	289	316
40+	47	54	62	57	58	72	56	62	47	55	56

Note:

Reported pregnancies include live births, fetal deaths, and induced terminations of pregnancy.

Source: Delaware Department of Health and Social Services, Division of Public Health, Delaware Health Statistics Center

TABLE D-6. NUMBER OF REPORTED PREGNANCIES BY AGE OF WOMAN AND COUNTY, DELAWARE, 2007-2017

NON-HISPANIC WHITE

Area/ Age	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017
Delaware	8,042	7,737	7,520	7,676	7,533	7,396	6,870	6,767	6,822	6,548	6,003
<15	10	11	9	4	6	7	2	4	1	5	1
15-19	763	721	593	625	554	483	368	330	290	283	230
15-17	216	219	176	185	167	125	91	82	71	68	62
18-19	547	502	417	440	387	358	277	248	219	215	168
20-24	1,924	1,776	1,777	1,766	1,678	1,667	1,469	1,361	1,297	1,108	1,041
25-29	2,197	2,251	2,177	2,257	2,227	2,098	1,994	2,082	2,038	2,024	1,811
30-34	1,916	1,785	1,797	1,874	1,982	2,055	2,015	1,996	2,074	2,071	1,913
35-39	1,011	996	898	913	864	871	813	793	936	870	836
40+	221	197	269	237	222	215	209	201	186	187	171
Kent	1,682	1,696	1,657	1,647	1,589	1,603	1,518	1,531	1,492	1,445	1,323
<15	2	2	2	1	1	2	1	1	0	2	0
15-19	184	166	124	145	134	102	77	80	61	77	60
15-17	41	46	36	46	37	26	20	18	16	19	18
18-19	143	120	88	99	97	76	57	62	45	58	42
20-24	486	488	518	465	403	416	401	375	355	312	282
25-29	528	511	513	520	536	485	479	524	493	515	438
30-34	302	330	324	335	373	395	387	401	390	375	358
35-39	144	167	130	144	115	166	133	121	165	133	147
40+	36	32	46	37	27	37	40	29	28	31	38
New Castle	4,734	4,372	4,318	4,458	4,435	4,167	3,911	3,747	3,794	3,630	3,236
<15	5	4	6	3	3	3	1	2	0	1	1
15-19	409	347	306	322	268	231	169	134	145	137	106
15-17	128	112	79	99	89	57	41	35	34	31	28
18-19	281	235	227	223	179	174	128	99	111	106	78
20-24	944	830	842	891	865	774	717	635	600	485	463
25-29	1,235	1,229	1,217	1,262	1,250	1,153	1,067	1,077	1,058	1,031	881
30-34	1,296	1,184	1,167	1,197	1,296	1,316	1,267	1,233	1,286	1,277	1,174
35-39	691	641	604	619	597	556	560	526	575	578	506
40+	154	137	176	164	156	134	130	140	130	121	105
Sussex	1,626	1,669	1,545	1,571	1,509	1,626	1,441	1,489	1,536	1,473	1,444
<15	3	5	1	0	2	2	0	1	1	2	0
15-19	170	208	163	158	152	150	122	116	84	69	64
15-17	47	61	61	40	41	42	30	29	21	18	16
18-19	123	147	102	118	111	108	92	87	63	51	48
20-24	494	458	417	410	410	477	351	351	342	311	296
25-29	434	511	447	475	441	460	448	481	487	478	492
30-34	318	271	306	342	313	344	361	362	398	419	381
35-39	176	188	164	150	152	149	120	146	196	159	183
40+	31	28	47	36	39	44	39	32	28	35	28

Note:
Reported pregnancies include live births, fetal deaths, and induced terminations of pregnancy.

Source: Delaware Department of Health and Social Services, Division of Public Health, Delaware Health Statistics Center

TABLE D-7. NUMBER OF REPORTED PREGNANCIES BY AGE OF WOMAN AND COUNTY, DELAWARE, 2007-2017

NON-HISPANIC BLACK

Area/ Age	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017
Delaware	4,663	4,660	4,729	4,747	4,416	4,357	4,147	3,938	4,050	3,795	3,683
<15	22	27	17	24	23	16	8	12	9	6	6
15-19	794	773	702	714	591	489	480	393	336	325	281
15-17	303	267	224	228	183	167	132	129	110	95	85
18-19	491	506	478	486	408	322	348	264	226	230	196
20-24	1,528	1,523	1,505	1,528	1,451	1,447	1,301	1,175	1,183	1,017	933
25-29	1,116	1,212	1,219	1,188	1,116	1,142	1,077	1,065	1,158	1,100	1,162
30-34	718	663	753	768	743	792	810	804	831	807	771
35-39	379	354	407	412	385	374	373	386	441	438	426
40+	106	108	126	113	107	97	98	103	92	102	104
Kent	886	918	917	898	831	832	838	807	838	809	832
<15	3	3	1	3	2	0	0	1	3	1	2
15-19	143	144	127	136	108	111	87	61	63	77	64
15-17	50	52	39	43	29	27	23	18	22	17	16
18-19	93	92	88	93	79	84	64	43	41	60	48
20-24	329	323	334	306	293	284	287	275	277	225	228
25-29	223	239	238	215	211	219	221	225	247	244	252
30-34	122	129	140	144	126	137	153	156	147	150	166
35-39	51	64	55	64	75	68	69	72	87	92	91
40+	15	16	22	30	16	13	21	17	14	20	29
New Castle	3,180	3,180	3,236	3,299	3,068	3,019	2,805	2,623	2,744	2,499	2,378
<15	14	21	11	16	16	15	7	8	5	4	4
15-19	519	518	465	496	411	320	323	273	227	200	170
15-17	205	175	154	157	126	117	91	93	73	62	51
18-19	314	343	311	339	285	203	232	180	154	138	119
20-24	975	965	969	1,001	949	978	839	723	753	634	571
25-29	764	840	839	839	778	798	726	706	777	721	751
30-34	536	485	551	564	552	570	583	559	600	564	517
35-39	290	268	308	308	282	272	252	276	309	306	295
40+	82	83	93	75	80	66	75	78	73	70	70
Sussex	597	562	576	550	517	506	504	508	468	487	473
<15	5	3	5	5	5	1	1	3	1	1	0
15-19	132	111	110	82	72	58	70	59	46	48	47
15-17	48	40	31	28	28	23	18	18	15	16	18
18-19	84	71	79	54	44	35	52	41	31	32	29
20-24	224	235	202	221	209	185	175	177	153	158	134
25-29	129	133	142	134	127	125	130	134	134	135	159
30-34	60	49	62	60	65	85	74	89	84	93	88
35-39	38	22	44	40	28	34	52	38	45	40	40
40+	9	9	11	8	11	18	2	8	5	12	5

Note:
Reported pregnancies include live births, fetal deaths, and induced terminations of pregnancy.

Source: Delaware Department of Health and Social Services, Division of Public Health, Delaware Health Statistics Center

TABLE D-8. FIVE-YEAR AVERAGE RATE OF REPORTED PREGNANCIES BY AGE OF WOMAN AND COUNTY, DELAWARE , 2005-2017

ALL RACES

Area/ Age	2005- 2009	2006- 2010	2007- 2011	2008- 2012	2009- 2013	2010- 2014	2011- 2015	2012- 2016	2013- 2017
Delaware	85.1	85.1	83.7	81.9	79.5	77.6	75.7	73.8	71.8
<15	1.5	1.5	1.3	1.2	1.0	0.9	0.8	0.7	0.5
15-19	58.2	56.1	52.7	48.2	43.8	40.2	35.8	32.2	29.1
15-17	34.3	32.8	30.3	26.9	23.5	21.1	18.1	15.7	13.9
18-19	88.3	85.6	81.0	75.6	70.5	66.1	60.6	56.3	51.8
20-24	138.0	135.1	129.4	123.0	114.9	107.4	100.8	94.3	88.4
25-29	145.1	146.5	145.6	143.6	139.8	137.4	133.8	128.6	123.3
30-34	110.8	112.3	112.8	113.3	114.5	115.2	115.6	116.5	116.3
35-39	54.3	55.2	54.9	55.2	54.4	54.3	55.0	55.5	55.4
40+	5.9	6.1	6.1	6.1	6.1	6.0	5.9	5.9	5.9
Kent	87.7	86.7	83.5	80.7	77.4	74.3	71.6	70.3	68.5
<15	1.0	0.9	0.8	0.6	0.5	0.4	0.4	0.4	0.4
15-19	59.1	56.0	52.1	46.7	41.4	37.0	31.7	28.9	26.1
15-17	30.1	29.4	27.6	24.1	20.4	17.6	14.2	12.5	11.5
18-19	96.7	90.3	83.9	76.6	70.1	64.9	57.8	54.0	48.6
20-24	163.1	155.5	148.7	141.0	132.5	121.7	114.3	106.2	99.4
25-29	154.8	154.6	154.8	151.9	150.3	150.3	148.3	144.5	137.5
30-34	99.0	100.3	98.8	100.7	101.7	102.6	102.9	104.7	105.7
35-39	42.9	43.5	40.9	41.1	38.1	37.8	38.6	40.4	41.3
40+	5.3	5.5	5.3	5.3	5.4	4.8	4.4	4.6	4.7
New Castle	82.3	82.8	81.9	80.5	78.8	77.2	75.4	73.0	70.8
<15	1.6	1.6	1.4	1.4	1.2	1.1	0.9	0.7	0.5
15-19	52.9	51.7	48.7	44.9	41.3	38.0	33.7	29.9	26.7
15-17	32.6	31.3	28.7	25.5	22.7	20.9	18.0	15.3	13.2
18-19	79.6	78.4	74.9	70.3	66.0	61.4	55.7	50.8	46.6
20-24	116.8	115.6	111.1	106.0	99.7	93.3	87.3	81.5	77.1
25-29	139.4	141.1	140.5	139.2	135.0	131.7	126.7	119.8	112.8
30-34	117.2	118.7	120.3	120.4	121.4	121.9	122.4	122.1	121.7
35-39	60.1	60.8	61.2	61.5	61.6	61.7	61.9	61.7	60.7
40+	6.6	6.8	6.9	6.7	6.8	6.7	6.8	6.7	6.7
Sussex	92.3	92.3	90.2	88.0	84.3	82.7	81.7	80.7	78.7
<15	1.6	1.6	1.5	1.3	1.0	0.9	0.9	0.8	0.6
15-19	75.2	70.6	65.2	58.9	51.5	46.8	43.0	39.2	36.0
15-17	36.3	34.1	32.1	29.1	25.2	22.1	20.3	18.4	17.1
18-19	142.5	134.1	123.0	109.9	94.4	85.4	77.4	69.6	63.8
20-24	198.6	192.2	182.3	172.3	157.8	149.6	140.9	131.5	118.0
25-29	155.5	157.3	154.1	150.4	145.2	143.6	143.4	143.3	146.3
30-34	98.7	101.0	100.4	101.3	103.8	105.3	106.0	109.6	109.1
35-39	45.4	47.5	48.4	49.9	49.1	49.7	52.5	53.5	54.0
40+	4.3	4.2	4.3	4.7	4.8	4.8	4.7	4.7	4.5

Notes:

1. Reported pregnancies include live births, fetal deaths, and induced terminations of pregnancy.
2. For Delaware and counties, pregnancy rates represent the number of reported pregnancies to women of all ages per 1,000 women 15-44 years of age in the population.
3. For each age group, the denominator for the pregnancy rate is the total number women in the county/state within that age category except the "<15" and "40+" age categories which are based on women ages 10-14 and 40-49, respectively.

Source: Delaware Department of Health and Social Services, Division of Public Health, Delaware Health Statistics Center

TABLE D-9. FIVE-YEAR AVERAGE RATE OF REPORTED PREGNANCIES BY AGE OF WOMAN AND COUNTY, DELAWARE, 2005-2017

NON-HISPANIC WHITE

Area/ Age	2005- 2009	2006- 2010	2007- 2011	2008- 2012	2009- 2013	2010- 2014	2011- 2015	2012- 2016	2013- 2017
Delaware	70.2	70.9	70.5	69.7	68.5	67.4	66.0	64.6	62.5
<15	0.6	0.6	0.5	0.5	0.4	0.3	0.3	0.2	0.2
15-19	37.7	36.9	35.1	32.5	29.3	27.0	23.8	21.2	18.5
15-17	20.8	19.9	18.8	17.2	14.7	13.0	10.8	9.0	7.8
18-19	58.4	57.7	55.0	51.7	48.1	45.7	41.7	38.6	34.0
20-24	98.9	97.1	94.1	90.3	85.7	80.4	75.5	70.4	65.7
25-29	127.3	129.8	130.6	130.0	127.7	126.4	122.3	116.9	109.9
30-34	109.1	111.1	112.5	114.0	115.9	116.8	117.3	118.3	117.3
35-39	52.6	53.5	52.9	52.4	51.3	50.5	50.9	51.2	50.6
40+	5.1	5.2	5.3	5.3	5.4	5.2	5.1	5.0	4.9
Kent	82.0	81.6	78.6	76.0	72.7	69.8	66.9	65.9	63.8
<15	0.5	0.6	0.5	0.5	0.4	0.3	0.3	0.3	0.2
15-19	49.5	47.6	44.7	38.7	32.5	28.9	23.4	20.2	17.9
15-17	21.1	20.9	20.3	18.2	15.1	12.9	9.8	8.3	7.6
18-19	92.2	87.7	81.6	70.4	59.7	54.1	44.9	38.8	33.5
20-24	157.0	149.6	143.7	139.5	134.2	125.0	117.3	107.8	97.0
25-29	151.5	152.6	154.0	152.1	152.4	155.6	156.7	158.5	156.0
30-34	96.5	97.7	97.2	100.2	101.1	103.0	104.2	106.8	107.8
35-39	42.0	42.4	37.9	37.0	33.7	32.0	31.9	34.0	34.5
40+	4.8	4.8	4.5	4.4	4.5	4.0	3.7	3.7	3.7
New Castle	66.0	66.8	67.1	66.5	66.1	65.2	64.0	62.4	60.2
<15	0.6	0.5	0.5	0.4	0.4	0.3	0.2	0.2	0.1
15-19	30.3	30.0	28.4	26.2	24.1	22.0	19.7	17.9	15.8
15-17	19.1	18.3	17.1	15.0	12.8	11.5	9.5	7.5	6.6
18-19	42.0	42.0	40.1	38.1	36.9	34.7	32.8	32.2	28.9
20-24	72.0	71.1	69.8	66.1	62.8	58.8	54.7	50.4	48.3
25-29	118.0	120.5	121.3	120.7	118.3	115.0	108.3	99.6	89.5
30-34	118.8	121.1	123.8	125.4	127.1	127.5	128.0	127.7	125.6
35-39	60.0	61.0	61.7	62.0	62.9	63.0	63.0	62.1	59.8
40+	5.8	6.0	6.2	6.1	6.2	6.1	6.0	6.0	6.0
Sussex	72.7	73.6	72.9	73.3	71.5	71.1	70.6	69.8	67.6
<15	0.8	0.6	0.6	0.6	0.3	0.3	0.4	0.4	0.2
15-19	51.9	50.2	47.9	46.6	41.7	39.3	35.4	30.7	26.0
15-17	25.0	23.2	22.0	21.8	19.4	16.9	15.5	13.5	11.1
18-19	99.6	97.7	93.4	88.7	77.7	73.7	64.7	54.9	47.2
20-24	149.1	146.3	138.7	136.2	128.6	122.7	115.8	107.4	93.2
25-29	132.4	135.6	135.1	135.6	131.0	132.0	131.9	132.6	134.5
30-34	91.6	94.0	94.0	95.1	99.3	100.6	100.7	104.2	104.1
35-39	41.4	42.9	43.6	43.5	41.0	40.9	44.0	44.1	45.2
40+	3.7	3.5	3.6	3.9	4.2	4.0	3.9	3.9	3.6

Notes:

1. Reported pregnancies include live births, fetal deaths, and induced terminations of pregnancy.
2. For Delaware and counties, pregnancy rates represent the number of reported pregnancies to women of all ages per 1,000 women 15-44 years of age in the population.
3. For each age group, the denominator for the pregnancy rate is the total number women in the county/state within that age category except the "<15" and "40+" age categories which are based on women ages 10-14 and 40-49, respectively.
4. Comparisons using rates for the "<15" and "40+" age categories may be misleading due to the small number of events in these categories.

Source: Delaware Department of Health and Social Services, Division of Public Health, Delaware Health Statistics Center

TABLE D-10. FIVE-YEAR AVERAGE RATE OF REPORTED PREGNANCIES BY AGE OF WOMAN AND COUNTY, DELAWARE, 2005-2017

NON-HISPANIC BLACK

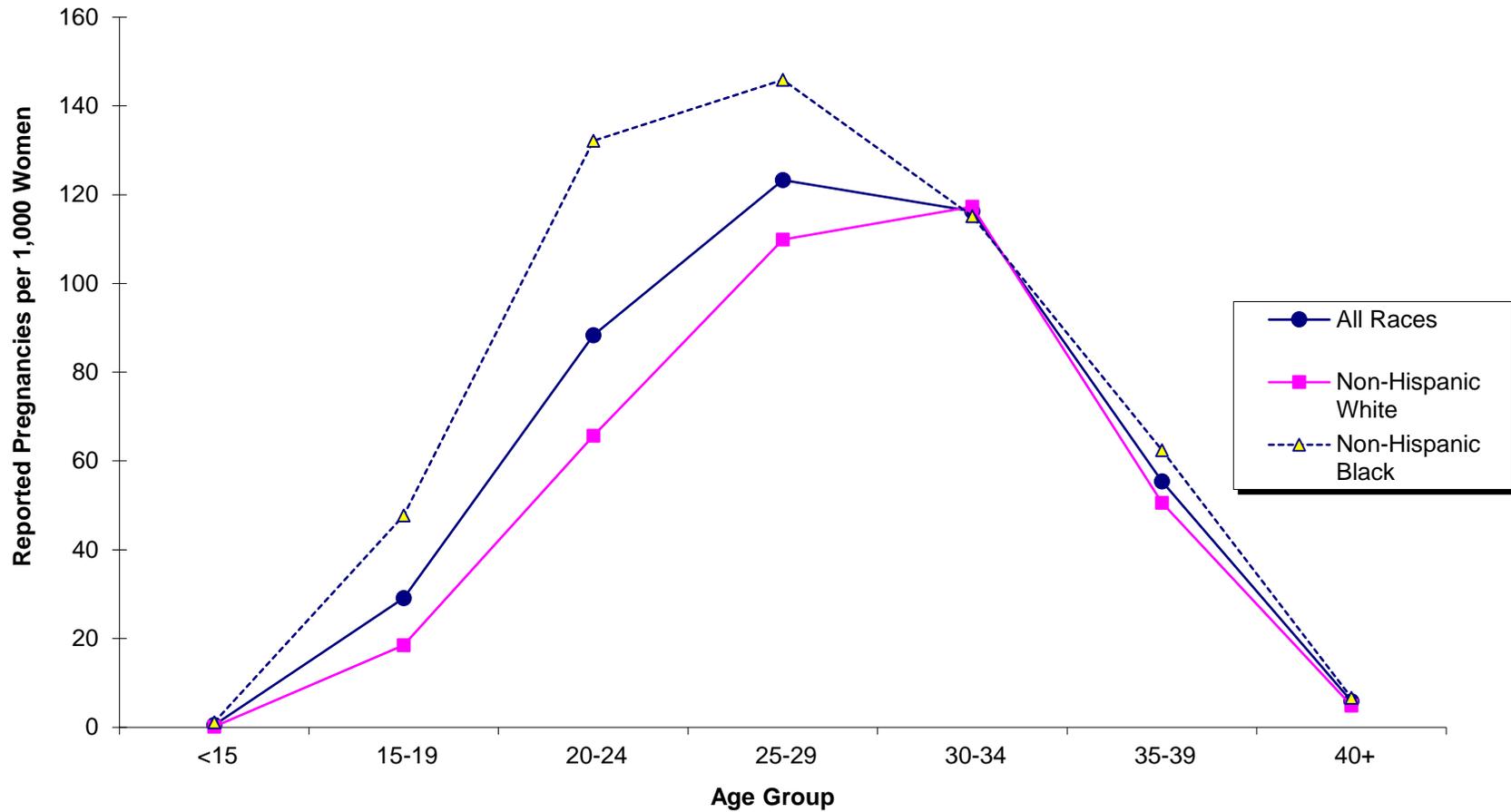
Area/ Age	2005- 2009	2006- 2010	2007- 2011	2008- 2012	2009- 2013	2010- 2014	2011- 2015	2012- 2016	2013- 2017
Delaware	107.9	109.6	108.7	106.8	104.1	100.1	96.1	92.5	88.6
<15	3.2	3.4	3.1	3.0	2.4	2.3	1.9	1.4	1.1
15-19	96.6	94.2	88.8	81.3	74.8	68.1	59.5	53.0	47.7
15-17	59.3	56.9	52.1	46.3	40.8	37.0	32.1	28.1	24.3
18-19	147.2	144.7	138.4	128.5	120.9	110.8	97.9	88.8	82.1
20-24	212.4	212.7	206.4	199.0	187.0	172.8	158.5	145.3	132.2
25-29	177.5	180.6	181.3	179.6	173.4	165.4	159.3	152.2	145.9
30-34	103.5	108.3	110.8	112.9	116.5	116.7	116.6	117.2	115.2
35-39	53.4	56.3	57.6	58.6	60.4	60.6	61.6	62.3	62.4
40+	6.9	7.2	7.4	7.2	7.0	6.7	6.4	6.5	6.7
Kent	101.6	101.7	99.5	96.5	93.3	89.3	85.7	83.1	81.0
<15	2.0	1.7	1.7	1.2	0.8	0.8	0.8	0.6	0.9
15-19	73.8	71.9	66.1	63.7	60.4	56.0	50.2	48.5	43.1
15-17	53.0	52.1	47.0	41.6	35.4	30.5	25.4	22.4	19.7
18-19	91.3	88.6	82.0	82.7	83.6	82.4	79.9	84.5	77.9
20-24	178.7	173.5	165.3	150.3	135.9	122.1	113.1	106.0	105.3
25-29	179.2	176.9	178.1	174.6	167.6	158.0	148.7	134.0	118.2
30-34	104.0	110.5	109.7	110.1	112.0	111.7	108.8	109.1	110.2
35-39	43.1	46.3	49.8	53.1	54.5	57.5	60.5	61.4	62.5
40+	6.3	7.3	7.4	7.1	7.3	6.8	5.6	5.8	6.9
New Castle	109.9	112.3	111.5	110.2	107.6	103.4	99.2	95.0	90.2
<15	3.5	3.6	3.2	3.3	2.7	2.6	2.1	1.7	1.2
15-19	101.7	100.2	95.3	87.0	79.3	72.2	62.0	53.5	47.6
15-17	61.3	58.3	52.9	47.3	42.2	38.7	33.6	29.3	24.8
18-19	164.8	165.9	161.9	148.3	135.6	121.9	103.4	88.6	81.3
20-24	219.2	222.6	215.9	213.3	204.3	189.6	174.2	157.9	138.1
25-29	179.9	184.4	185.3	184.7	178.3	170.3	164.9	159.8	155.9
30-34	110.1	114.3	117.0	118.8	122.7	122.3	122.4	122.5	119.5
35-39	58.1	60.5	61.3	61.8	62.4	62.2	62.7	63.2	63.3
40+	7.4	7.6	7.7	7.4	7.2	6.9	6.9	6.8	7.1
Sussex	106.6	108.2	109.1	106.2	104.4	101.7	98.3	96.8	94.9
<15	3.8	4.7	5.0	4.1	3.7	3.2	2.4	1.5	1.3
15-19	114.2	107.1	100.9	87.1	79.3	69.3	62.8	58.1	55.8
15-17	58.3	56.8	55.3	48.3	42.1	38.5	34.9	31.4	29.8
18-19	209.0	192.7	178.6	151.7	138.9	117.0	105.0	97.1	93.2
20-24	247.2	245.2	247.6	238.6	224.9	217.9	200.0	185.6	170.4
25-29	161.8	166.0	164.0	159.7	156.6	151.6	148.6	148.0	154.9
30-34	65.0	70.0	75.9	82.5	87.4	92.3	96.0	100.8	99.5
35-39	40.4	46.1	46.9	47.4	57.4	55.7	56.2	57.9	57.3
40+	5.2	4.8	5.1	6.1	5.4	5.1	4.9	5.2	3.8

Notes:

1. Reported pregnancies include live births, fetal deaths, and induced terminations of pregnancy.
2. For Delaware and counties, pregnancy rates represent the number of reported pregnancies to women of all ages per 1,000 women 15-44 years of age in the population.
3. For each age group, the denominator for the pregnancy rate is the total number women in the county/state within that age category except the "<15" and "40+" age categories which are based on women ages 10-14 and 40-49, respectively.
4. Comparisons using rates for the "<15" and "40+" age categories may be misleading due to the small number of events in these categories.

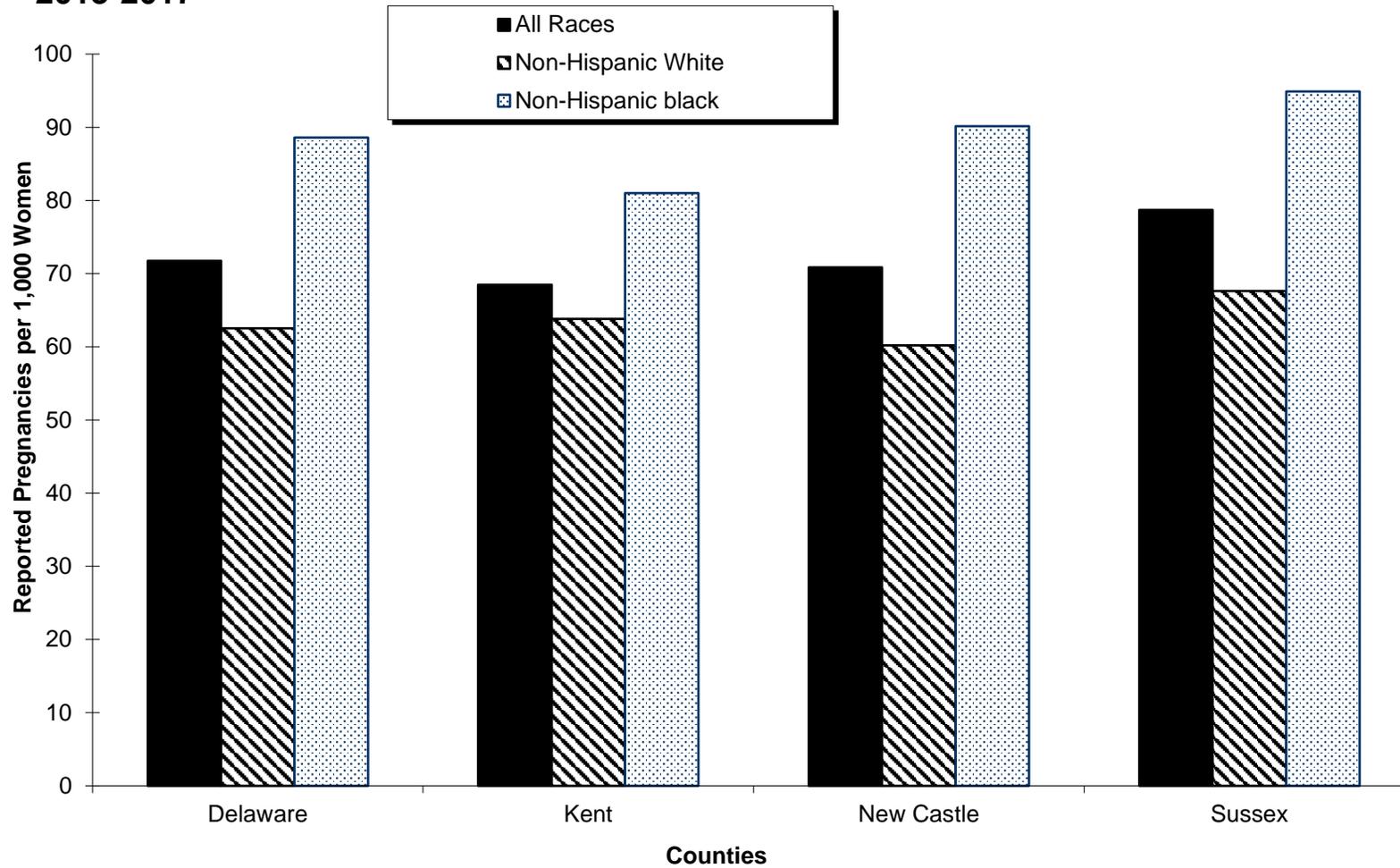
Source: Delaware Department of Health and Social Services, Division of Public Health, Delaware Health Statistics Center

Figure D-1. Five-year Average Rate of Reported Pregnancies by Age and Race, Delaware, 2013-2017



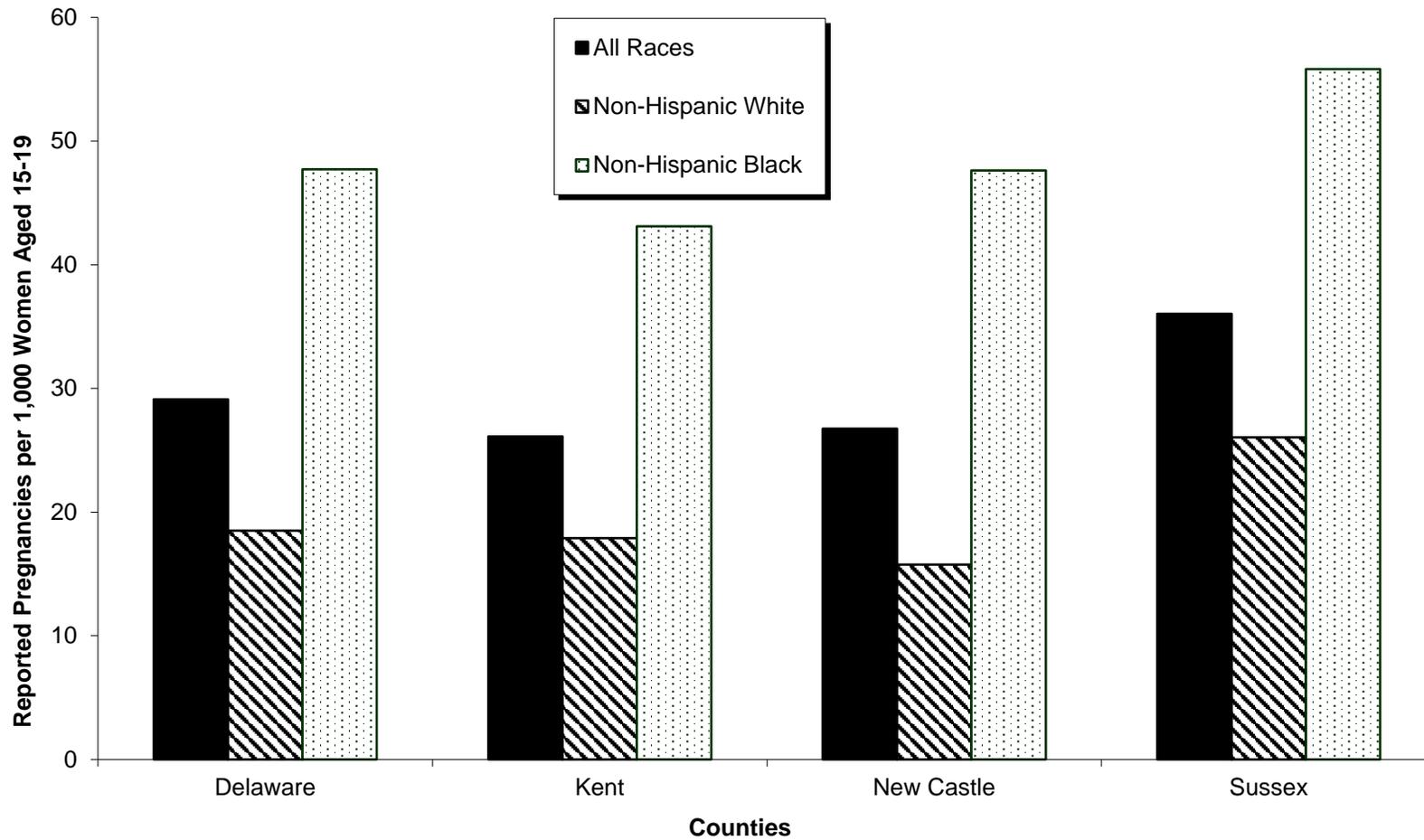
Source: Delaware Department of Health and Social Services, Division of Public Health, Delaware Health Statistics Center

Figure D-2. Five-year Average Rate of Reported Pregnancies by County and Race, Delaware, 2013-2017



Source: Delaware Department of Health and Social Services, Division of Public Health, Delaware Health Statistics Center

Figure D-3. Five-year Average Teenage (15-19) Pregnancy Rate by County and Race, Delaware, 2013-2017



Source: Delaware Department of Health and Social Services, Division of Public Health, Delaware Health Statistics Center

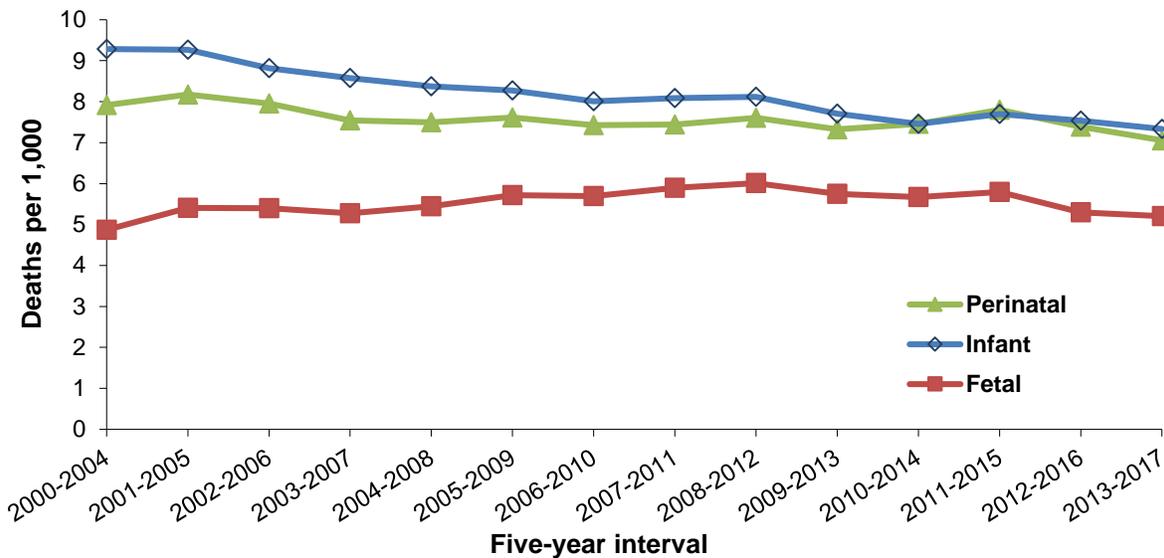
The background of the slide consists of several parallel, diagonal grey lines that create a textured, grid-like pattern. The lines are evenly spaced and run from the top-left towards the bottom-right.

Fetal & Perinatal Deaths

FETAL AND PERINATAL DEATHS

Perinatal mortality refers to deaths occurring in the period around delivery, and includes late fetal deaths (>28 weeks gestation) and early infant deaths (<7 days of age). Perinatal mortality and infant mortality follow the same trends, decreasing from 2001-2005 until 2013-2017. By 2013-2017 the rates were nearly the same at 7.1 perinatal deaths per 1,000 live births and 7.3 infant deaths per 1,000 live births. The fetal death trends paralleled those of perinatal mortality trends with fetal death rates remaining constantly lower than perinatal rates.

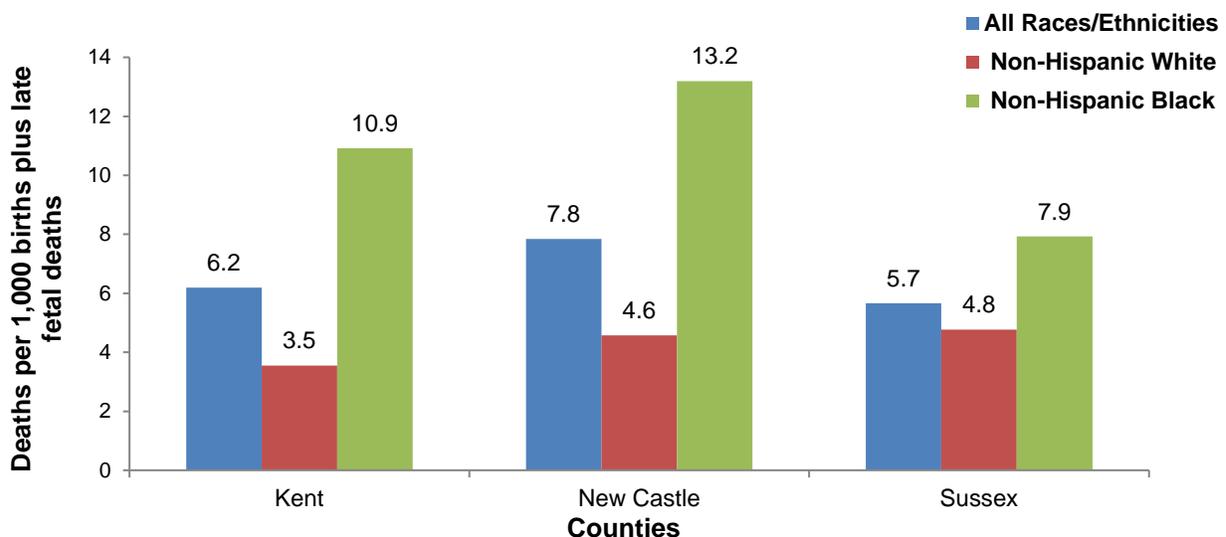
Figure 24. Five-year Fetal, Perinatal, and Infant Mortality Rates, Delaware, 2000-2017



Source: Delaware Department of Health and Social Services, Division of Public Health, Delaware Health Statistics Center

Non-Hispanic black perinatal mortality rates for 2013-2017 were substantially higher than non-Hispanic white perinatal mortality rates, regardless of county. In New Castle County, the non-Hispanic black perinatal mortality rate of 13.2 perinatal deaths per 1,000 live births was nearly three times the non-Hispanic white perinatal mortality rate of 4.6 perinatal deaths per 1,000 live births.

Figure 25. Five-year Average Perinatal Mortality Rates by Race and County, Delaware, 2013-2017

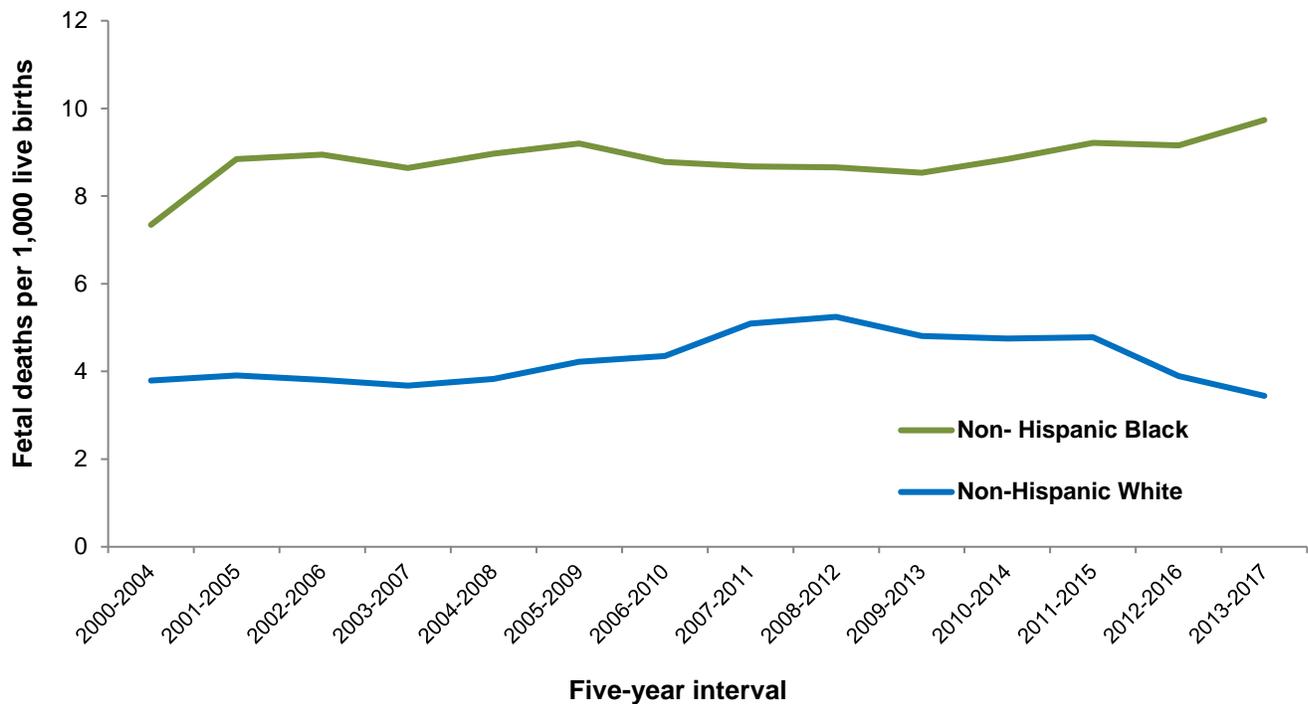


Source: Delaware Department of Health and Social Services, Division of Public Health, Delaware Health Statistics Center

FETAL AND PERINATAL DEATHS

In 2017, 56 fetal deaths were reported in Delaware. In 2013-2017, the fetal mortality rate was 5.2 fetal deaths per 1,000 live births. Fetal mortality rates for non-Hispanic black women have been consistently higher than the rates for non-Hispanic white women, and in 2013-2017 they were 185 percent higher than the rate of non-Hispanic white women (9.7 versus 3.4).

Figure 26. Five-year Average Fetal Mortality Rates by Mother's Race Delaware, 2000-2017



Source: Delaware Department of Health and Social Services, Division of Public Health, Delaware Health Statistics Center

TABLE D-11. NUMBER OF FETAL DEATHS BY RACE, HISPANIC ORIGIN, AGE OF WOMAN, AND COUNTY, DELAWARE, 2017

Area/ Age	Race-Hispanic Origin				
	All Races	White Non-Hispanic	Black Non-Hispanic	Other Non-Hispanic	Hispanic*
Delaware	56	16	30	4	6
<20	3	0	3	0	0
20-24	13	2	11	1	0
25-34	29	10	13	2	4
35+	11	4	3	1	2
Unknown	0	0	0	0	0
Kent	14	3	10	0	1
<20	1	0	1	0	0
20-24	9	2	7	0	0
25-34	2	0	1	0	1
35+	2	1	1	0	0
Unknown	0	0	0	0	0
New Castle	33	9	16	3	4
<20	2	0	2	0	0
20-24	3	0	3	0	0
25-34	20	6	10	2	2
35+	8	3	1	1	2
Unknown	0	0	0	0	0
Sussex	9	4	4	1	1
<20	0	0	0	0	0
20-24	1	0	1	1	0
25-34	7	4	2	0	1
35+	1	0	1	0	0
Unknown	0	0	0	0	0

Notes:

Fetal deaths are reportable events if the fetus weighs at least 350 grams, or if weight is unknown, has reached at least 20 weeks of gestation. For more details, see "Basic Definitions".

*People of Hispanic origin may be of any race.

Source: Delaware Department of Health and Social Services, Division of Public Health, Delaware Health Statistics Center

TABLE D-12. NUMBER OF FETAL DEATHS BY RACE, HISPANIC ORIGIN, AND EDUCATION OF WOMAN, DELAWARE, 2017

Education	Race-Hispanic Origin				
	All Races	White Non-Hispanic	Black Non-Hispanic	Other Non-Hispanic	Hispanic*
Total	56	16	30	4	6
<9	1	0	1	0	0
9 to 11	4	0	3	0	1
H.S. Grad	22	5	16	0	1
1 to 3 College	13	3	7	1	2
4+ College	14	7	2	3	2
Unknown	2	1	1	0	0

Notes:

Fetal deaths are reportable events if the fetus weighs at least 350 grams, or if weight is unknown, has reached at least 20 weeks of gestation. For more details, see "Basic Definitions".

*People of Hispanic origin may be of any race.

Source: Delaware Department of Health and Social Services, Division of Public Health, Delaware Health Statistics Center

TABLE D-13. NUMBER OF FETAL DEATHS BY RACE, HISPANIC ORIGIN, MARITAL STATUS OF WOMAN, AND COUNTY, DELAWARE, 2017

Area/ Marital Status	Race-Hispanic Origin				
	All Races	White Non-Hispanic	Black Non-Hispanic	Other Non-Hispanic	Hispanic*
Delaware	53	16	30	4	3
Married	19	11	3	4	1
Single	34	5	27	0	2
Kent	14	3	10	0	1
Married	4	3	1	0	0
Single	10	0	9	0	1
New Castle	29	9	16	4	0
Married	11	6	1	4	0
Single	18	3	15	0	0
Sussex	10	4	4	0	2
Married	4	2	1	0	1
Single	6	2	3	0	1

Note:

Fetal deaths are reportable events if the fetus weighs at least 350 grams, or if weight is unknown, has reached at least 20 weeks of gestation. For more details, see "Basic Definitions".

*People of Hispanic origin may be of any race.

Source: Delaware Department of Health and Social Services, Division of Public Health, Delaware Health Statistics Center

TABLE D-14. NUMBER OF FETAL DEATHS BY WEIGHT OF FETUS IN GRAMS AND RACE OF WOMAN BY COUNTY, DELAWARE, 2017

Area/ Weight	Race- Hispanic Origin				
	All Races	White Non-Hispanic	Black Non-Hispanic	Other Non-Hispanic	Hispanic
Delaware	56	16	30	4	6
<500	16	3	10	1	2
500-749	7	5	0	0	2
750-999	5	0	4	1	0
1000-1499	4	0	2	1	1
1500-1999	8	3	5	0	0
2000-2499	6	1	5	0	0
2500+	10	4	4	1	1
Unknown	0	0	0	0	0
Kent	14	3	10	0	1
<500	5	1	4	0	0
500-749	1	1	0	0	0
750-999	3	0	3	0	0
1000-1499	0	0	0	0	0
1500-1999	1	0	1	0	0
2000-2499	0	0	0	0	0
2500+	4	1	2	0	1
Unknown	0	0	0	0	0
New Castle	33	9	16	4	4
<500	10	2	5	1	2
500-749	3	1	0	0	2
750-999	2	0	1	1	0
1000-1499	3	0	2	1	0
1500-1999	5	3	2	0	0
2000-2499	6	1	5	0	0
2500+	4	2	1	1	0
Unknown	0	0	0	0	0
Sussex	9	4	4	0	1
<500	1	0	1	0	0
500-749	3	3	0	0	0
750-999	0	0	0	0	0
1000-1499	1	0	0	0	1
1500-1999	2	0	2	0	0
2000-2499	0	0	0	0	0
2500+	2	1	1	0	0
Unknown	0	0	0	0	0

Note:
Fetal deaths are reportable events if the fetus weighs at least 350 grams, or if weight is unknown, has reached at least 20 weeks of gestation. For more details, see "Basic Definitions."

Source: Delaware Department of Health and Social Services, Division of Public Health, Delaware Health Statistics Center

TABLE D-15. NUMBER OF FETAL DEATHS BY WEEKS OF GESTATION AND RACE OF WOMAN BY COUNTY, DELAWARE, 2017

Area/ Age	Race- Hispanic Origin				
	All Races	White Non-Hispanic	Black Non-Hispanic	Other Non-Hispanic	Hispanic
Delaware	56	16	30	4	6
<20 Weeks	0	0	0	0	0
20-24 Weeks	16	7	5	2	2
25-29 Weeks	15	2	10	1	2
30-34 Weeks	9	2	6	0	1
35-39 Weeks	16	5	9	1	1
40+ Weeks	0	0	0	0	0
Unknown	0	0	0	0	0
Kent	14	3	10	0	1
<20 Weeks	0	0	0	0	0
20-24 Weeks	5	2	3	0	0
25-29 Weeks	4	0	4	0	0
30-34 Weeks	0	0	0	0	0
35-39 Weeks	5	1	3	0	1
40+ Weeks	0	0	0	0	0
Unknown	0	0	0	0	0
New Castle	33	9	16	4	4
<20 Weeks	0	0	0	0	0
20-24 Weeks	9	3	2	2	2
25-29 Weeks	9	1	5	1	2
30-34 Weeks	5	1	4	0	0
35-39 Weeks	10	4	5	1	0
40+ Weeks	0	0	0	0	0
Unknown	0	0	0	0	0
Sussex	9	4	4	0	1
<20 Weeks	0	0	0	0	0
20-24 Weeks	2	2	0	0	0
25-29 Weeks	2	1	1	0	0
30-34 Weeks	4	1	2	0	1
35-39 Weeks	1	0	1	0	0
40+ Weeks	0	0	0	0	0
Unknown	0	0	0	0	0

Note:
Fetal deaths are reportable events if the fetus weighs at least 350 grams, or if weight is unknown, has reached at least 20 weeks of gestation. For more details, see "Basic Definitions".

Source: Delaware Department of Health and Social Services, Division of Public Health, Delaware Health Statistics Center

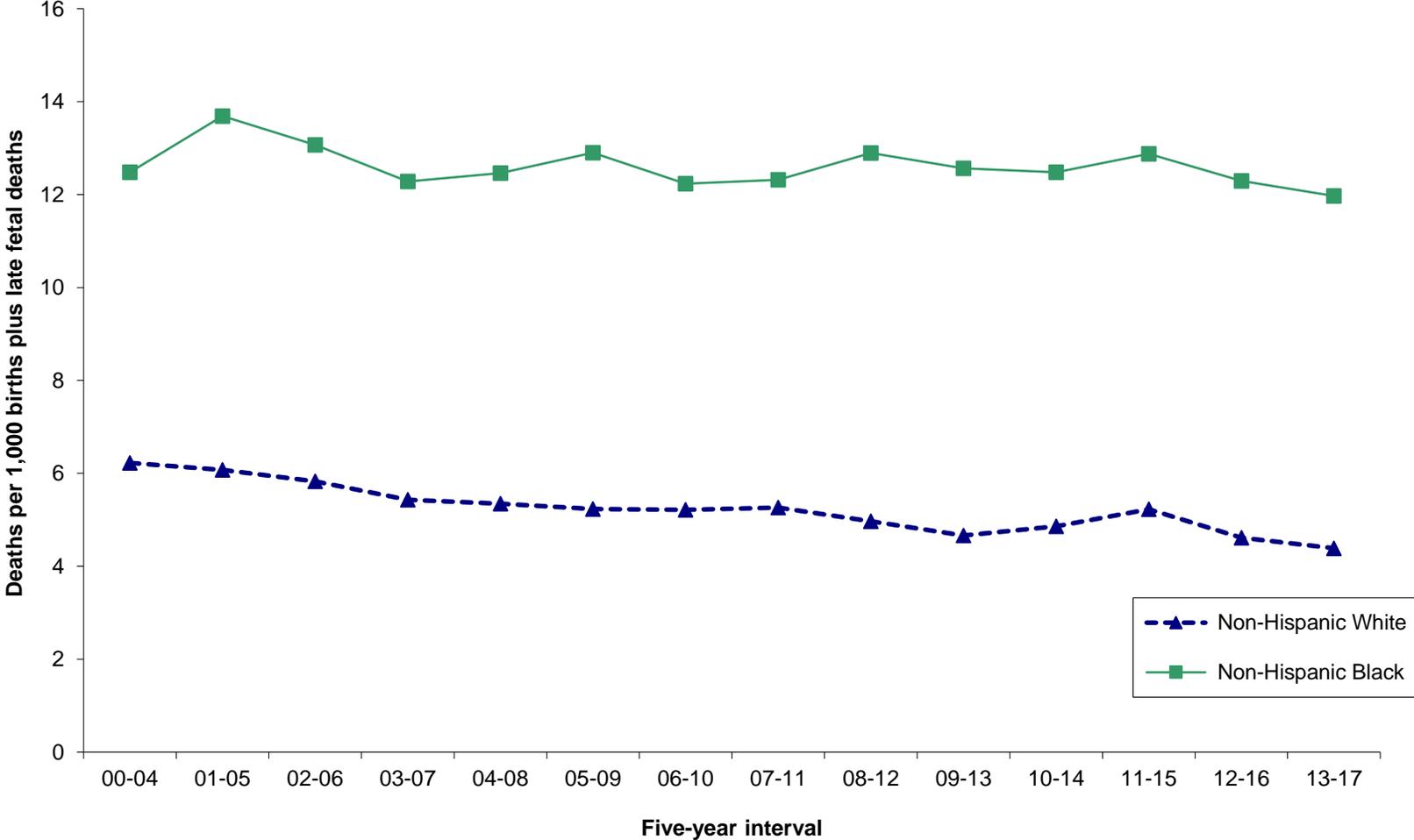
TABLE D-16. FIVE-YEAR AVERAGE PERINATAL MORTALITY RATES BY RACE AND COUNTY, DELAWARE, 2000-2017

Area/ Race	2000 -2004	2001 -2005	2002 -2006	2003 -2007	2004 -2008	2005 -2009	2006 -2010	2007 -2011	2008 -2012	2009 -2013	2010 -2014	2011 -2015	2012 -2016	2013 -2017
Delaware														
All Races	7.9	8.2	8.0	7.5	7.5	7.6	7.4	7.4	7.6	7.3	7.5	7.8	7.4	7.1
White Non-Hispanic	6.2	6.1	5.8	5.4	5.3	5.2	5.2	5.3	5.0	4.7	4.9	5.2	4.6	4.4
Black Non-Hispanic	12.5	13.7	13.1	12.3	12.5	12.9	12.2	12.3	12.9	12.6	12.5	12.9	12.3	12.0
Kent														
All Races	8.2	8.7	8.0	5.8	6.0	6.3	5.9	6.2	7.1	6.3	6.1	6.7	6.5	6.2
White Non-Hispanic	7.4	7.2	5.8	3.4	3.5	3.4	3.9	4.2	4.3	4.0	4.3	4.0	3.8	3.5
Black Non-Hispanic	9.3	13.3	13.6	11.5	12.2	14.1	10.8	10.4	12.8	11.6	9.6	11.8	11.9	10.9
New Castle														
All Races	8.3	8.5	8.3	8.1	8.1	8.2	8.0	8.3	8.4	8.1	8.3	8.8	8.1	7.8
White Non-Hispanic	6.1	5.9	5.7	5.6	5.5	5.7	5.3	5.6	5.4	5.0	4.9	5.8	4.8	4.6
Black Non-Hispanic	14.0	14.2	13.5	12.8	12.9	12.5	12.9	13.6	13.4	13.4	14.3	14.1	12.9	13.2
Sussex														
All Races	6.2	6.6	6.9	7.3	7.0	7.0	7.3	6.1	5.9	6.1	6.3	5.9	6.3	5.7
White Non-Hispanic	5.3	5.4	6.2	7.0	6.9	5.9	6.3	5.5	4.4	4.5	5.4	5.1	5.0	4.8
Black Non-Hispanic	9.5	11.7	10.4	10.8	10.8	13.1	11.0	9.1	10.4	10.0	8.3	8.5	10.0	7.9

Note: Perinatal mortality rate defined as: Infant deaths of less than 7 days and fetal deaths with gestation of 28 weeks or more, per 1,000 live births and specified fetal deaths.

Source: Delaware Department of Health and Social Services, Division of Public Health, Delaware Health Statistics Center

Figure D-4. Five-year Average Perinatal Mortality Rates by Race, Delaware, 2000- 2017



Source: Delaware Department of Health and Social Services, Division of Public Health, Delaware Health Statistics Center

TABLE D-17. NUMBER AND PERCENT OF INDUCED TERMINATIONS OF PREGNANCY BY SELECTED CHARACTERISTICS, DELAWARE, 2017

Characteristic	Number	Percent	Characteristic	Number	Percent
Total	1,890	100.0%	Marital Status		
Place of Residence			Married	226	12.0%
Delaware	1,667	88.2%	Single	1,664	88.0%
Kent	328	17.4%	Unknown	0	0.0%
New Castle	1,070	56.6%	Weeks of Gestation		
Sussex	269	14.2%	<7 Weeks	364	19.3%
Maryland	102	5.4%	7 Weeks	362	19.2%
New Jersey	22	1.2%	8 Weeks	363	19.2%
Pennsylvania	87	4.6%	9-10 Weeks	394	20.8%
Other State	12	0.6%	11-12 Weeks	219	11.6%
Age			13-15 Weeks	144	7.6%
<15	4	0.2%	16-20 Weeks	36	1.9%
15-17	46	2.4%	21+ Weeks	5	0.3%
18-19	125	6.6%	Unknown	3	0.2%
20-24	592	31.3%	Type of Procedure		
25-29	501	26.5%	Suction Curettage	972	51.4%
30-34	355	18.8%	Medical (Nonsurgical)	915	48.4%
35-39	201	10.6%	Intrauterine Installation	0	0.0%
40+	66	3.5%	Other	0	0.0%
Unknown	0	0.0%	Unknown	3	0.2%
Race			Previous Pregnancies		
White	941	49.8%	None	545	28.8%
Black	812	43.0%	1	377	19.9%
American Indian	3	0.2%	2	330	17.5%
Asian and Pacific Islander	59	3.1%	3+	638	33.8%
Other Races	75	4.0%	Unknown	0	0.0%
Unknown	0		Previous Live Births		
Hispanic Origin			None	757	40.1%
Yes	190	10.1%	1	487	25.8%
No	1,693	89.6%	2	354	18.7%
Unknown	7	0.4%	3+	292	15.4%
Level of Education			Unknown	0	0.0%
<9	42	2.2%	Previous Induced Abortions		
9-11	136	7.2%	None	1,200	63.5%
H.S. Graduate	1,077	57.0%	1	435	23.0%
1 to 3 College	263	13.9%	2	172	9.1%
4+ College	178	9.4%	3+	82	4.3%
Unknown	194	10.3%	Unknown	1	0.1%

Notes:

1. Suction Curettage includes Dilation and Evacuation.
2. Women of Hispanic origin may be of any race.
3. Percentages for each characteristic may not add to 100% due to rounding.
4. Percentages are based on the total number of induced terminations of pregnancy.

Source: Delaware Department of Health and Social Services, Division of Public Health, Delaware Health Statistics Center

TABLE D-18. NUMBER AND PERCENT OF INDUCED TERMINATIONS OF PREGNANCY BY PLACE OF RESIDENCE, RACE, AND AGE OF NON-HISPANIC WOMAN, DELAWARE, 2017

Place of Residence/ Race	Age															
	Total		<18		18-19		20-24		25-29		30-34		35+		Unknown	
	Number	Percent	Number	Percent												
All Terminations	1,700	100.0	48	2.8	114	6.7	543	31.9	452	26.6	307	18.1	236	13.9	0	0.0
Non-Hispanic White	810	100.0	20	2.5	50	6.2	258	31.9	218	26.9	157	19.4	107	13.2	0	0.0
Non-Hispanic Black	775	100.0	23	3.0	58	7.5	249	32.1	202	26.1	136	17.5	107	13.8	0	0.0
Non-Hispanic Other	115	100.0	5	4.3	6	5.2	36	31.3	32	27.8	14	12.2	22	19.1	0	0.0
Delaware	1,499	100.0	40	2.7	100	6.7	477	31.8	402	26.8	269	17.9	211	14.1	0	0.0
Non-Hispanic White	678	100.0	19	2.8	41	6.0	215	31.7	182	26.8	129	19.0	92	13.6	0	0.0
Non-Hispanic Black	721	100.0	17	2.4	55	7.6	232	32.2	189	26.2	126	17.5	102	14.1	0	0.0
Non-Hispanic Other	100	100.0	4	4.0	4	4.0	30	30.0	31	31.0	14	14.0	17	17.0	0	0.0
Kent	311	100.0	7	2.3	25	8.0	95	30.5	86	27.7	57	18.3	41	13.2	0	0.0
Non-Hispanic White	142	100.0	4	2.8	9	6.3	32	22.5	45	31.7	36	25.4	16	11.3	0	0.0
Non-Hispanic Black	147	100.0	1	0.7	14	9.5	55	37.4	35	23.8	19	12.9	23	15.6	0	0.0
Non-Hispanic Other	22	100.0	2	9.1	2	9.1	8	36.4	6	27.3	2	9.1	2	9.1	0	0.0
New Castle	964	100.0	27	2.8	63	6.5	305	31.6	251	26.0	172	17.8	146	15.1	0	0.0
Non-Hispanic White	380	100.0	12	3.2	24	6.3	126	33.2	94	24.7	66	17.4	58	15.3	0	0.0
Non-Hispanic Black	513	100.0	13	2.5	38	7.4	159	31.0	132	25.7	98	19.1	73	14.2	0	0.0
Non-Hispanic Other	71	100.0	2	2.8	1	1.4	20	28.2	25	35.2	8	11.3	15	21.1	0	0.0
Sussex	224	100.0	6	2.7	12	5.4	77	34.4	65	29.0	40	17.9	24	10.7	0	0.0
Non-Hispanic White	156	100.0	3	1.9	8	5.1	57	36.5	43	27.6	27	17.3	18	11.5	0	0.0
Non-Hispanic Black	61	100.0	3	4.9	3	4.9	18	29.5	22	36.1	9	14.8	6	9.8	0	0.0
Non-Hispanic Other	7	100.0	0	0.0	1	14.3	2	28.6	0	0.0	4	57.1	0	0.0	0	0.0
Other State	201	100.0	8	4.0	14	7.0	66	32.8	50	24.9	38	18.9	25	12.4	0	0.0
Non-Hispanic White	132	100.0	1	0.8	9	6.8	43	32.6	36	27.3	28	21.2	15	11.4	0	0.0
Non-Hispanic Black	54	100.0	6	11.1	3	5.6	17	31.5	13	24.1	10	18.5	5	9.3	0	0.0
Non-Hispanic Other	15	100.0	1	6.7	2	13.3	6	40.0	1	6.7	0	0.0	5	33.3	0	0.0

Notes:

1. Percentages may not add to 100% due to rounding.
2. Percentages are calculated based upon the total number of induced terminations of pregnancy in each race category.
3. Percentages for the race category "Other" may be misleading due to the small number of induced terminations of pregnancy in this category.

Source: Delaware Department of Health and Social Services, Division of Public Health, Delaware Health Statistics Center

TABLE D-19. NUMBER OF INDUCED TERMINATIONS OF PREGNANCY BY PLACE OF RESIDENCE, WEEKS OF GESTATION, AND AGE OF WOMAN, DELAWARE, 2017

Place of Residence/ Weeks	Age								
	Total	<15	15-17	18-19	20-24	25-29	30-34	35-39	40+
All Terminations	1,890	4	46	125	592	501	355	201	66
<7 Weeks	364	0	2	19	116	102	71	43	11
7 Weeks	362	0	13	23	124	90	61	37	14
8 Weeks	363	0	5	22	121	93	74	34	14
9-10 Weeks	394	1	12	28	130	107	61	38	17
11-12 Weeks	219	0	9	18	62	57	49	20	4
13-15 Weeks	144	1	4	14	30	47	26	20	2
16-20 Weeks	36	2	1	1	8	3	9	9	3
21+ Weeks	5	0	0	0	0	2	3	0	0
Unknown	3	0	0	0	1	0	1	0	1
Delaware	1,667	3	37	110	518	447	313	179	60
<7 Weeks	311	0	2	15	101	87	59	38	9
7 Weeks	315	0	9	21	108	81	53	30	13
8 Weeks	318	0	3	19	105	85	64	30	12
9-10 Weeks	353	0	11	24	116	94	55	37	16
11-12 Weeks	198	0	7	16	56	52	45	18	4
13-15 Weeks	132	1	4	14	25	43	25	18	2
16-20 Weeks	32	2	1	1	6	3	8	8	3
21+ Weeks	5	0	0	0	0	2	3	0	0
Unknown	3	0	0	0	1	0	1	0	1
Kent	328	0	7	26	100	90	64	28	13
<7 Weeks	71	0	0	6	22	13	22	7	1
7 Weeks	68	0	1	5	22	20	9	8	3
8 Weeks	55	0	1	6	19	16	11	1	1
9-10 Weeks	68	0	2	3	23	22	10	3	5
11-12 Weeks	34	0	1	3	8	9	10	1	2
13-15 Weeks	24	0	1	3	4	8	2	5	1
16-20 Weeks	8	0	1	0	2	2	0	3	0
21+ Weeks	0	0	0	0	0	0	0	0	0
Unknown	0	0	0	0	0	0	0	0	0
New Castle	1,070	3	24	69	331	281	202	122	38
<7 Weeks	183	0	1	5	65	53	30	23	6
7 Weeks	196	0	7	15	65	52	30	19	8
8 Weeks	209	0	0	10	63	58	46	24	8
9-10 Weeks	233	0	9	19	73	54	39	29	10
11-12 Weeks	130	0	5	9	41	36	27	11	1
13-15 Weeks	89	1	2	10	19	25	19	12	1
16-20 Weeks	22	2	0	1	4	1	7	4	3
21+ Weeks	5	0	0	0	0	2	3	0	0
Unknown	3	0	0	0	1	0	1	0	1
Sussex	269	0	6	15	87	76	47	29	9
<7 Weeks	57	0	1	4	14	21	7	8	2
7 Weeks	51	0	1	1	21	9	14	3	2
8 Weeks	54	0	2	3	23	11	7	5	3
9-10 Weeks	52	0	0	2	20	18	6	5	1
11-12 Weeks	34	0	1	4	7	7	8	6	1
13-15 Weeks	19	0	1	1	2	10	4	1	0
16-20 Weeks	2	0	0	0	0	0	1	1	0
21+ Weeks	0	0	0	0	0	0	0	0	0
Unknown	0	0	0	0	0	0	0	0	0
Other State	223	1	9	15	74	54	42	22	6
<7 Weeks	53	0	0	4	15	15	12	5	2
7 Weeks	47	0	4	2	16	9	8	7	1
8 Weeks	45	0	2	3	16	8	10	4	2
9-10 Weeks	41	1	1	4	14	13	6	1	1
11-12 Weeks	21	0	2	2	6	5	4	2	0
13-15 Weeks	12	0	0	0	5	4	1	2	0
16-20 Weeks	4	0	0	0	2	0	1	1	0
21+ Weeks	0	0	0	0	0	0	0	0	0
Unknown	0	0	0	0	0	0	0	0	0

Note:
Weeks of gestation are based on clinical estimate.

Source: Delaware Department of Health and Social Services, Division of Public Health, Delaware Health Statistics Center

TABLE D-20. NUMBER OF INDUCED TERMINATIONS OF PREGNANCY BY PLACE OF RESIDENCE, AGE OF WOMAN, AND NUMBER OF PREVIOUS PREGNANCIES, DELAWARE, 2017

Place of Residence/ Age	Number of Previous Pregnancies					Not Stated
	Total	None	1	2	3+	
All Terminations	1,890	545	377	330	638	0
<20	175	136	32	6	1	0
20-24	592	266	143	100	83	0
25-29	501	96	115	95	195	0
30-34	355	34	57	78	186	0
35-39	201	9	23	40	129	0
40+	66	4	7	11	44	0
Unknown	0	0	0	0	0	0
Delaware	1,667	457	328	293	589	0
<20	150	116	28	5	1	0
20-24	518	220	130	90	78	0
25-29	447	82	97	80	188	0
30-34	313	26	48	71	168	0
35-39	179	9	19	36	115	0
40+	60	4	6	11	39	0
Unknown	0	0	0	0	0	0
Kent	328	99	59	60	110	0
<20	33	25	8	0	0	0
20-24	100	52	20	17	11	0
25-29	90	18	16	18	38	0
30-34	64	2	10	20	32	0
35-39	28	1	3	2	22	0
40+	13	1	2	3	7	0
Unknown	0	0	0	0	0	0
New Castle	1,070	296	202	183	389	0
<20	96	73	17	5	1	0
20-24	331	137	85	55	54	0
25-29	281	56	57	52	116	0
30-34	202	21	27	39	115	0
35-39	122	7	12	26	77	0
40+	38	2	4	6	26	0
Unknown	0	0	0	0	0	0
Sussex	269	62	67	50	90	0
<20	21	18	3	0	0	0
20-24	87	31	25	18	13	0
25-29	76	8	24	10	34	0
30-34	47	3	11	12	21	0
35-39	29	1	4	8	16	0
40+	9	1	0	2	6	0
Unknown	0	0	0	0	0	0
Other State	223	88	49	37	49	0
<20	25	20	4	1	0	0
20-24	74	46	13	10	5	0
25-29	54	14	18	15	7	0
30-34	42	8	9	7	18	0
35-39	22	0	4	4	14	0
40+	6	0	1	0	5	0
Unknown	0	0	0	0	0	0

Source: Delaware Department of Health and Social Services, Division of Public Health, Delaware Health Statistics Center

TABLE D-21. NUMBER OF INDUCED TERMINATIONS OF PREGNANCY BY PLACE OF RESIDENCE, AGE OF WOMAN, AND NUMBER OF PREVIOUS LIVE BIRTHS, DELAWARE, 2017

Place of Residence/ Age	Number of Previous Live Births					Not Stated
	Total	None	1	2	3+	
All Terminations	1,890	757	487	354	292	0
<20	175	161	12	1	1	0
20-24	592	351	165	57	19	0
25-29	501	156	158	105	82	0
30-34	355	65	89	104	97	0
35-39	201	18	52	63	68	0
40+	66	6	11	24	25	0
Unknown	0	0	0	0	0	0
Delaware	1,667	645	430	322	270	0
<20	150	138	10	1	1	0
20-24	518	297	151	53	17	0
25-29	447	132	139	96	80	0
30-34	313	54	77	92	90	0
35-39	179	18	43	57	61	0
40+	60	6	10	23	21	0
Unknown	0	0	0	0	0	0
Kent	328	125	90	57	56	0
<20	33	30	3	0	0	0
20-24	100	60	26	13	1	0
25-29	90	26	28	16	20	0
30-34	64	7	22	16	19	0
35-39	28	1	7	8	12	0
40+	13	1	4	4	4	0
Unknown	0	0	0	0	0	0
New Castle	1,070	427	265	209	169	0
<20	96	88	6	1	1	0
20-24	331	194	94	32	11	0
25-29	281	92	84	61	44	0
30-34	202	36	46	61	59	0
35-39	122	14	29	38	41	0
40+	38	3	6	16	13	0
Unknown	0	0	0	0	0	0
Sussex	269	93	75	56	45	0
<20	21	20	1	0	0	0
20-24	87	43	31	8	5	0
25-29	76	14	27	19	16	0
30-34	47	11	9	15	12	0
35-39	29	3	7	11	8	0
40+	9	2	0	3	4	0
Unknown	0	0	0	0	0	0
Other State	223	112	57	32	22	0
<20	25	23	2	0	0	0
20-24	74	54	14	4	2	0
25-29	54	24	19	9	2	0
30-34	42	11	12	12	7	0
35-39	22	0	9	6	7	0
40+	6	0	1	1	4	0
Unknown	0	0	0	0	0	0

Source: Delaware Department of Health and Social Services, Division of Public Health, Delaware Health Statistics Center

TABLE D-22. NUMBER OF INDUCED TERMINATIONS OF PREGNANCY BY PLACE OF RESIDENCE, AGE OF WOMAN, AND NUMBER OF PREVIOUS INDUCED TERMINATIONS, DELAWARE, 2017

Place of Residence/ Age	Number of Previous Induced Terminations					
	Total	None	1	2	3+	Not Stated
All Terminations	1,890	1,200	435	172	82	1
<20	175	152	21	2	0	0
20-24	592	418	124	36	14	0
25-29	501	289	114	62	35	1
30-34	355	190	105	40	20	0
35-39	201	112	55	27	7	0
40+	66	39	16	5	6	0
Unknown	0	0	0	0	0	0
Delaware	1,667	1,030	397	160	79	1
<20	150	130	18	2	0	0
20-24	518	354	119	32	13	0
25-29	447	249	101	61	35	1
30-34	313	163	95	36	19	0
35-39	179	98	49	25	7	0
40+	60	36	15	4	5	0
Unknown	0	0	0	0	0	0
Kent	328	222	75	22	9	0
<20	33	30	3	0	0	0
20-24	100	79	15	6	0	0
25-29	90	56	20	10	4	0
30-34	64	31	27	3	3	0
35-39	28	17	7	3	1	0
40+	13	9	3	0	1	0
Unknown	0	0	0	0	0	0
New Castle	1,070	628	256	122	63	1
<20	96	81	13	2	0	0
20-24	331	213	85	21	12	0
25-29	281	144	63	46	27	1
30-34	202	106	51	31	14	0
35-39	122	62	34	20	6	0
40+	38	22	10	2	4	0
Unknown	0	0	0	0	0	0
Sussex	269	180	66	16	7	0
<20	21	19	2	0	0	0
20-24	87	62	19	5	1	0
25-29	76	49	18	5	4	0
30-34	47	26	17	2	2	0
35-39	29	19	8	2	0	0
40+	9	5	2	2	0	0
Unknown	0	0	0	0	0	0
Other State	223	170	38	12	3	0
<20	25	22	3	0	0	0
20-24	74	64	5	4	1	0
25-29	54	40	13	1	0	0
30-34	42	27	10	4	1	0
35-39	22	14	6	2	0	0
40+	6	3	1	1	1	0
Unknown	0	0	0	0	0	0

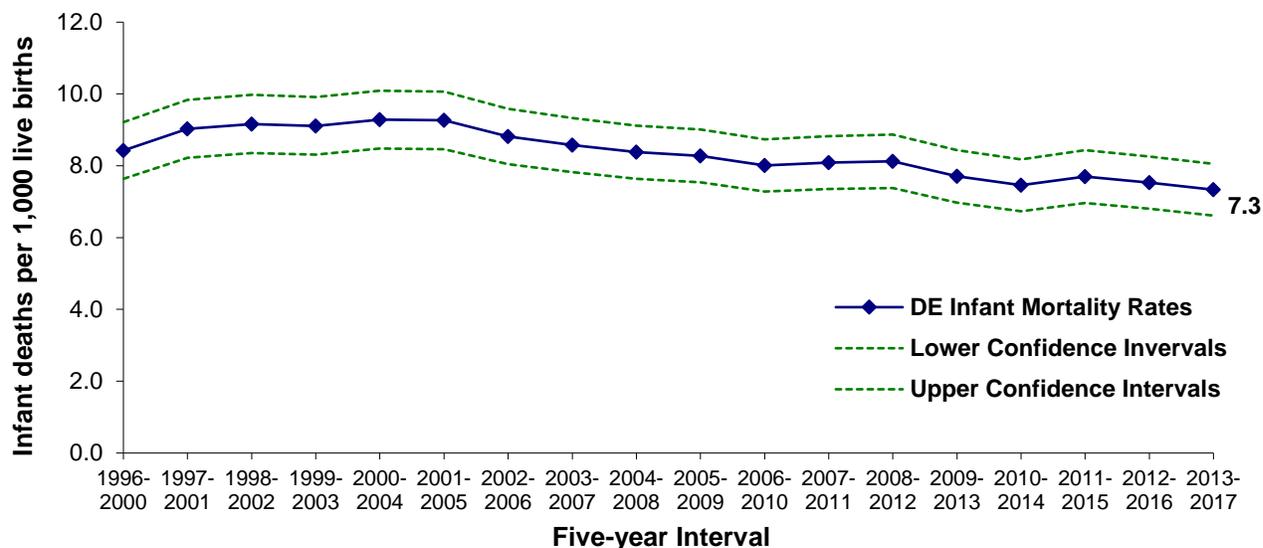
Source: Delaware Department of Health and Social Services, Division of Public Health, Delaware Health Statistics Center

The background of the slide features a pattern of approximately 15 parallel, diagonal grey lines. These lines are evenly spaced and run from the top-left towards the bottom-right, creating a textured, grid-like effect behind the text.

Infant Mortality

In 2013-2017, Delaware's infant mortality rate (IMR) was 7.3 infant deaths per 1,000 live births, resulting in a total decline of 21.5 percent from the 2000-2004 rate of 9.3 infant deaths per 1,000 live births.

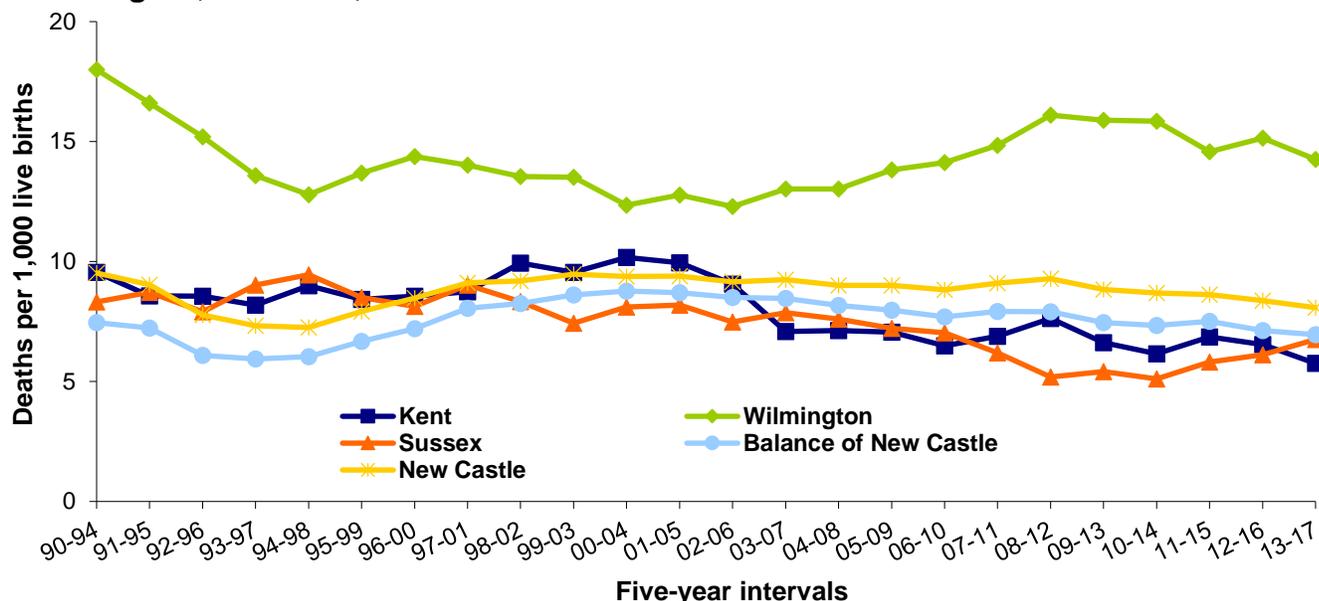
Figure 27. Five-year Average Infant Mortality Rates with Confidence Intervals, Delaware, 1996-2017



Source: Delaware Department of Health and Social Services, Division of Public Health, Delaware Health Statistics Center

Wilmington's IMR continued to be the highest in Delaware. The combination of Wilmington's high IMR and a higher IMR in the balance of New Castle County resulted in New Castle County's IMR being higher than the IMRs of both Kent and Sussex counties at 8.1 infant deaths per 1,000 live births. In 2013-2017 Kent County's IMR remained the lowest at 5.8 infant deaths per 1,000 live births. During the same time period the balance of New Castle County's IMR was 7.0 infant deaths per 1,000 live births; Wilmington's IMR was 14.3 infant deaths per 1,000 live births; and Sussex County's IMR was 6.7 infant deaths per 1,000 live births.

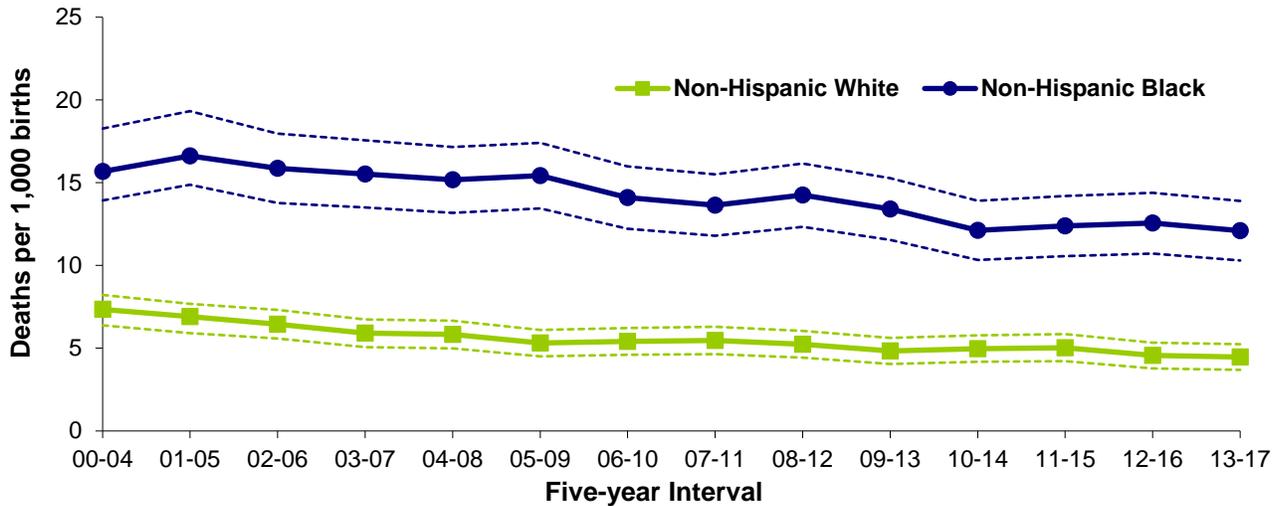
Figure 28. Five-year Average Infant Mortality Rates, Delaware Counties and City of Wilmington, Delaware, 1990-2017



Source: Delaware Health and Social Services, Division of Public Health, Delaware Health Statistics Center

Non-Hispanic black infants experienced a lower percentage of decrease in mortality rates than non-Hispanic white infants. In 2013-2017 the non-Hispanic black IMR of 12.1 infant deaths per 1,000 live births was a 23 percent decrease from the 15.7 rate in 2000-2004. Non-Hispanic white IMR decreased 38 percent from 7.3 in 2000-2004 to 4.5 infant deaths per 1,000 live births in 2013-2017.

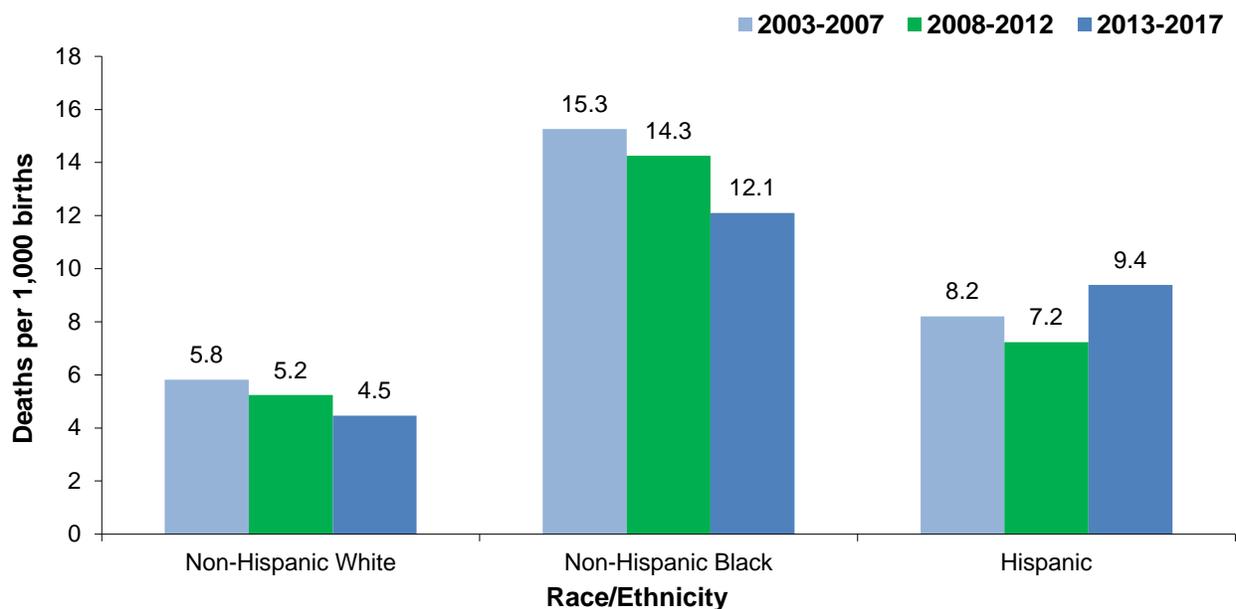
Figure 29. Five-year Average Black and White Infant Mortality Rates with Confidence Intervals, Delaware, 2000-2017



Source: Delaware Department of Health and Social Services, Division of Public Health, Delaware Health Statistics Center
 Note: Dashes represent upper or lower confidence intervals

Significant disparities existed between non-Hispanic black and non-Hispanic white infant mortality rates. The non-Hispanic black rate in 2013-2017 was nearly three times that of the non-Hispanic white rate but only 1.2 times higher than the Hispanic rate of 9.4 infant deaths per 1,000 live births. Non-Hispanic black IMRs were highest in all three time periods depicted below with the highest rate of 15.3 infant deaths per 1,000 live births in 2003-2007. Hispanic IMRs were two times higher than the non-Hispanic white IMRs in 2013-2017. From 2003-2007 to 2013-2017 the Hispanic IMR increased 15 percent (8.2 to 9.4 infant deaths per 1,000 live births).

Figure 30. Five-year Average Infant Mortality Rates by Race and Hispanic Origin, Delaware 2003-2017

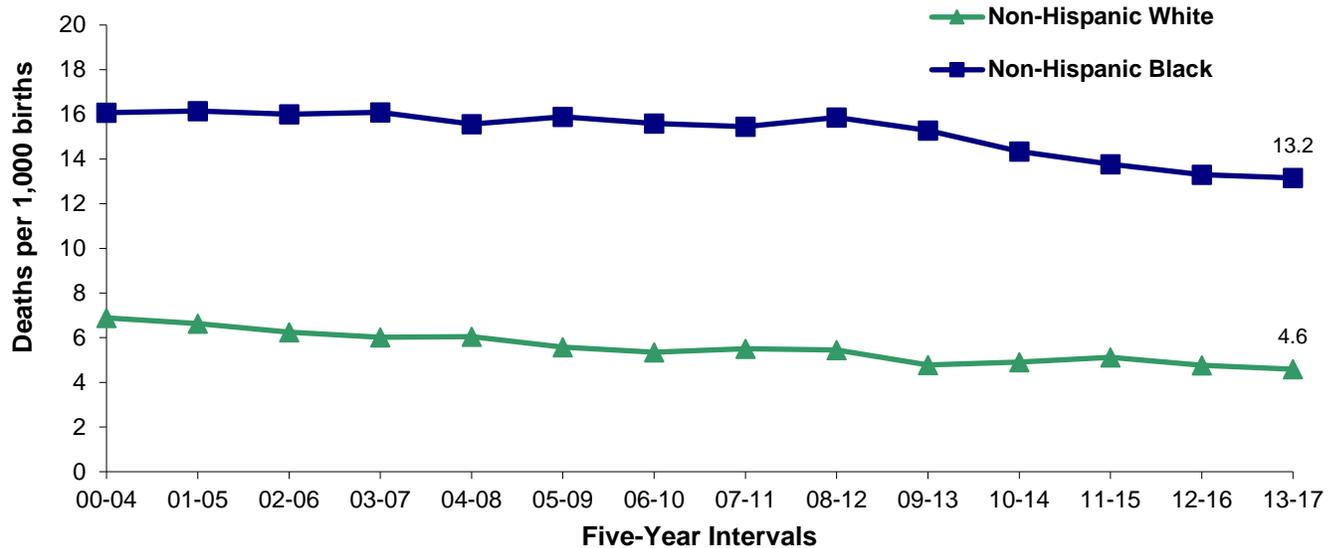


Source: Delaware Department of Health and Social Services, Division of Public Health, Delaware Health Statistics Center

INFANT MORTALITY- Leading Causes of Death

In 2013-2017, New Castle County had the highest IMRs and Kent County had the lowest. Non-Hispanic black IMRs in New Castle County were stable at 16 infant deaths per 1,000 live births from 2000 to 2014, and decreased the last five time periods to 13.2 infant deaths per 1,000 live births.

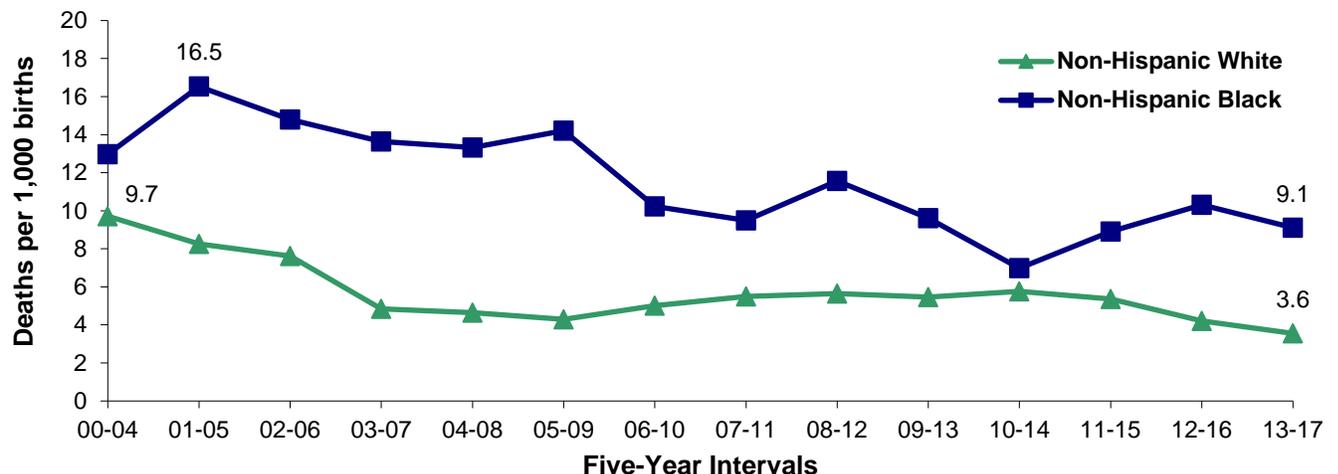
Figure 31. Five-year Average Infant Mortality Rates by Race, New Castle County, Delaware, 2000-2017



Source: Delaware Health and Social Services, Division of Public Health, Delaware Health Statistics Center

Non-Hispanic black IMRs in Kent County peaked at 16.5 infant deaths per 1,000 live births in 2001-2005. The IMR decreased 45 percent to 9.1 infant death per 1,000 live births in 2013-2017. The non-Hispanic white IMR had a 63 percent decrease from its peak in 2000-2004 to 2013-2017 (9.7 to 3.6 infant deaths per 1,000 live births).

Figure 32. Five-year Average Infant Mortality Rates by Race, Kent County, Delaware, 2000-2017

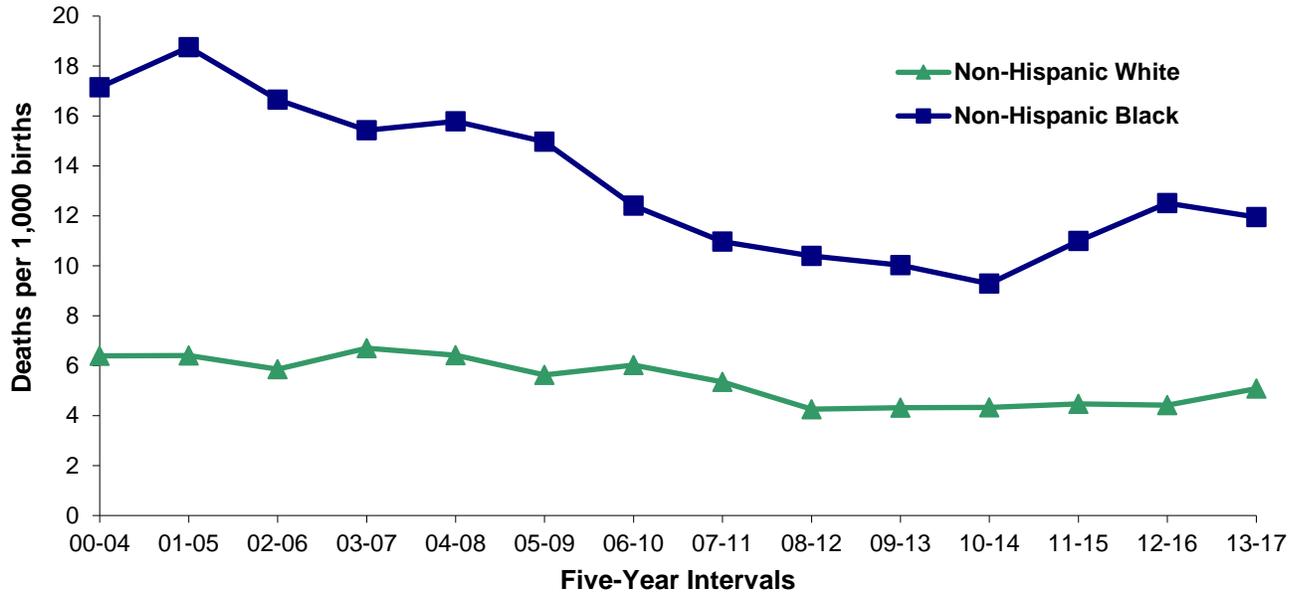


Source: Delaware Health and Social Services, Division of Public Health, Delaware Health Statistics Center

INFANT MORTALITY- Leading Causes of Death

Sussex County's non-Hispanic black IMR decreased to 11.9 infant deaths per 1,000 live births in 2013-2017, a 37 percent reduction from the 2001-2005 peak of 19 infant deaths per 1,000 live births. Sussex County's non-Hispanic white IMR had a 24 percent decrease from its peak in 2003-2007 (6.7 to 5.1 infant deaths per 1,000 live births).

Figure 33. Five-year Average Infant Mortality Rates by Race, Sussex County, Delaware, 2000-2017



Source: Delaware Health and Social Services, Division of Public Health, Delaware Health Statistics Center

INFANT MORTALITY- Leading Causes of Death

In 2013-2017 there were 401 infant deaths. The five leading causes of infant death in Delaware were:

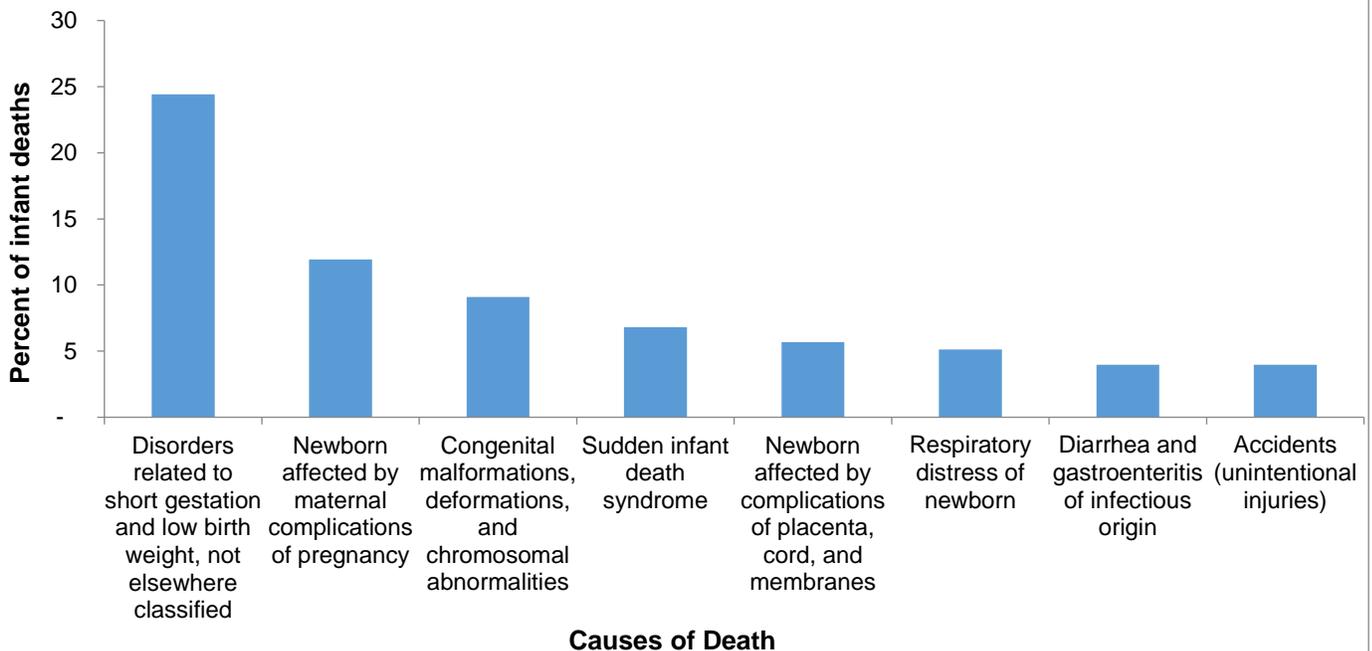
- Disorders related to short gestation and low birthweight, which accounted for 20.7 percent of infant deaths.
- Newborns affected by maternal complications of pregnancy, which accounted for 13.2 percent of infant deaths. Of the 53 deaths attributed to this cause, 46 were due to the newborn being affected by incompetent cervix and premature rupture of membranes
- Congenital anomalies (birth defects), which accounted for 12.7 percent of infant deaths.
- Sudden infant death syndrome (SIDS), which accounted for 6.0 percent of all infant deaths.
- Respiratory distress of newborn, which accounted for 4.5 percent of infant deaths.

In sum, the five most common causes of infant death accounted for 57 percent, or 229 of the 401 total infant deaths.

The most frequent causes of death by race are shown in Figures 34-36. Birth defects and disorders related to short gestation and low birthweight were both listed in the top three most frequent causes of death for both non-Hispanic black and non-Hispanic white infants.

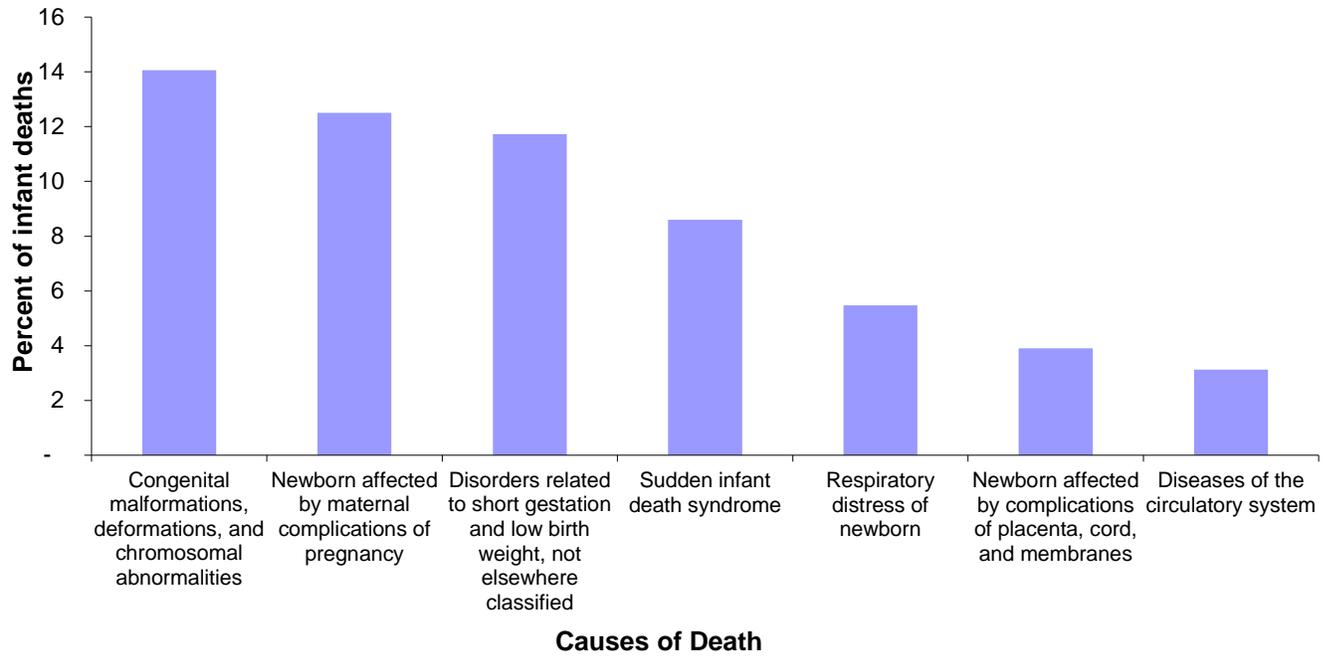
Though the proportions of deaths by race were similar for many of the causes of death, notable exceptions were birth defects and disorders due to prematurity and low birthweight. In 2013-2017, while birth defects were responsible for 14 percent of all non-Hispanic white infant deaths, they accounted for only 9 percent of non-Hispanic black infant deaths. Conversely in 2013-2017, infant deaths due to disorders related to prematurity and low birthweight accounted for larger percentages of non-Hispanic black infant deaths (24 percent) than non-Hispanic white infant deaths (12 percent).

Figure 34. Percentage of the Most Frequent Causes of Non-Hispanic Black Infant Death, Delaware, 2013-2017



Source: Delaware Department of Health and Social Services, Division of Public Health, Delaware Health Statistics Center

Figure 35. Percentage of the Most Frequent Causes of Non- Hispanic White Infant Death, Delaware, 2013-2017

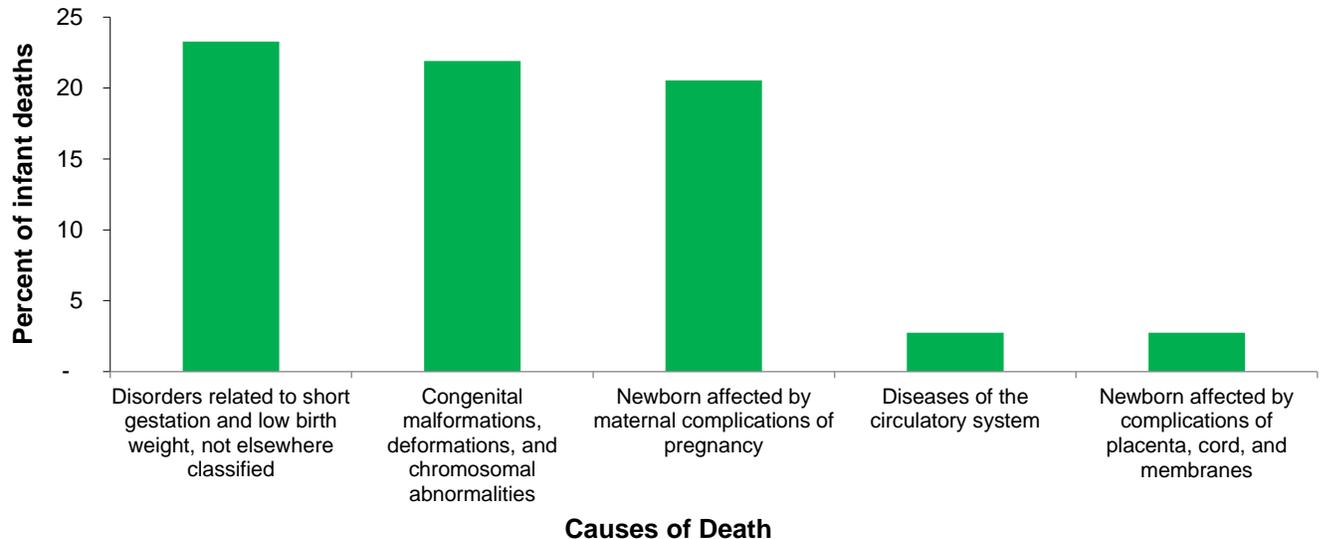


Source: Delaware Department of Health and Social Services, Division of Public Health, Delaware Health Statistics Center

In 1989-1993, Hispanics accounted for 3.6 percent of all live births and 3.4 percent of infant deaths; since that time, the proportion of births to Hispanic mothers has nearly quadrupled. In the most recent five-year period, 2013-2017, 14.2 percent of all live births were to Hispanic mothers, and 18.2 percent of all infant deaths were of Hispanic origin.

Two causes of death accounted for the greatest number of Hispanic infant deaths: birth defects and disorders related to prematurity and low birthweight.

Figure 36. Percentage of the Most Frequent Causes of Hispanic Infant Death, Delaware, 2013-2017



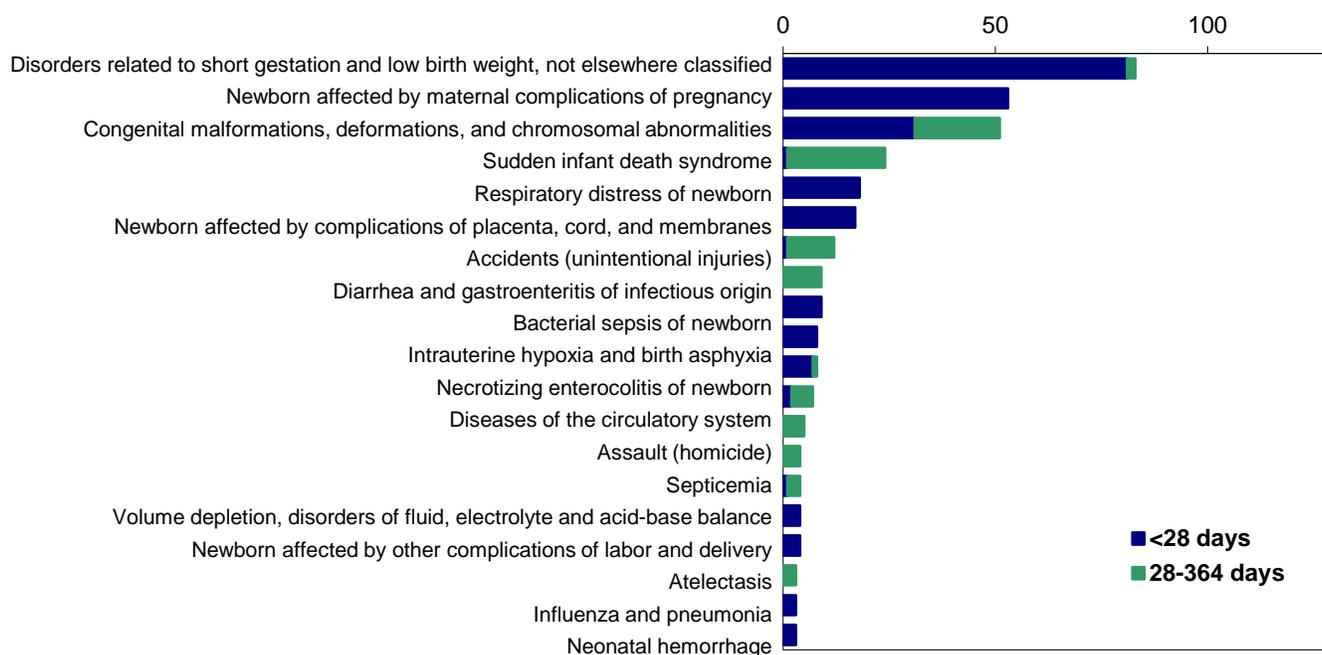
Source: Delaware Department of Health and Social Services, Division of Public Health, Delaware Health Statistics Center

INFANT MORTALITY- Leading Causes of Death

In 2013-2017, approximately 95 percent of all infant deaths occurred within the first six months of life, 72 percent occurred within the first 28 days of life, and 42 percent occurred within 24 hours of birth.

Figure 37 displays deaths by specific cause and the infant's age classification at death: neonatal (<28 days), or postneonatal (28-364 days).

Figure. 37 Most Frequent Causes of Infant Death, Delaware, 2013-2017



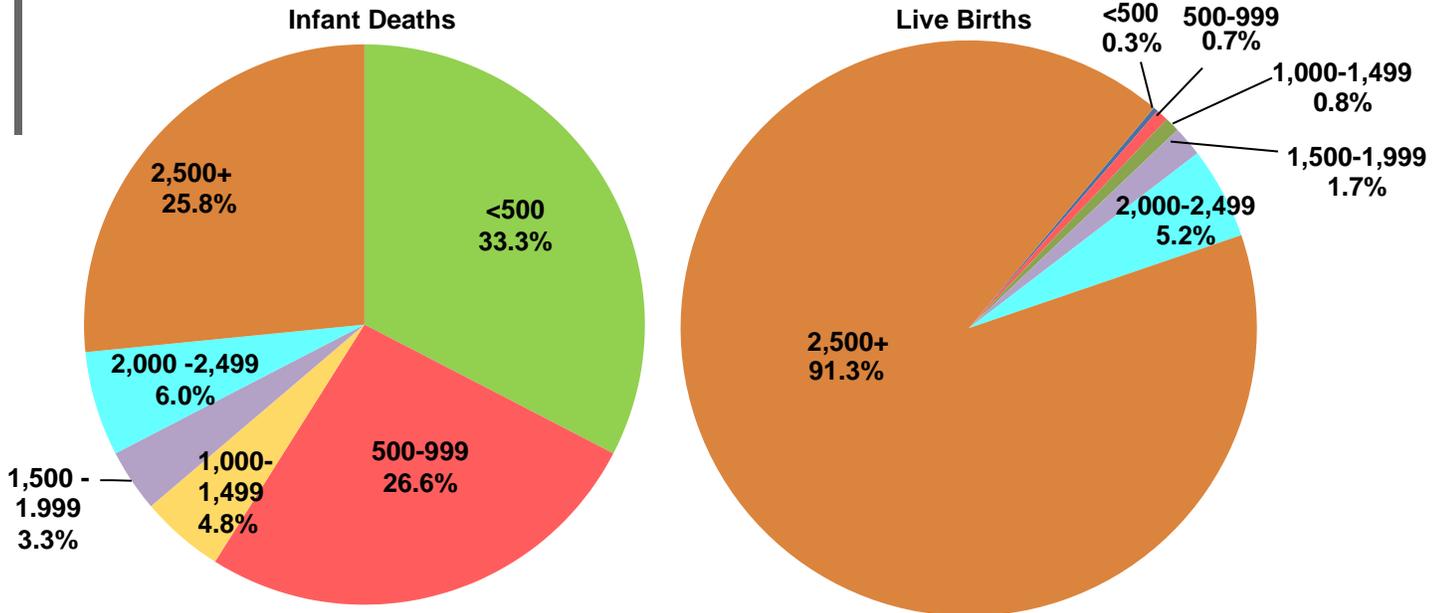
Source: Delaware Department of Health and Social Services, Division of Public Health, Delaware Health Statistics Center

- Prematurity and low birthweight accounted for the greatest number of infant deaths in 2013-2017; 98 percent of these deaths occurred in the neonatal period.
- Sudden infant death syndrome (SIDS) was the only one of the top five causes of death that had the majority of deaths occurring in the postneonatal period, with a mean age at death of 109 days. SIDS deaths decreased 53 percent from 2008-2012 to 2013-2017 (51 to 24 SIDSdeaths). The number of infant deaths in 2013-2017 was 13 percent less than the number of infant deaths in 2008-2012.
- Fifty-four percent (13 out of 24) of the SIDS deaths were associated with co-sleeping and/or sleeping on soft surfaces, such as couches and adult beds.
- In 2013-2017, there were 20 additional infant deaths, coded under a different cause of death that were associated with co-sleeping and/or sleeping on a soft surface. In total, 8 percent of all infant deaths were associated with co-sleeping and/or unsafe sleep practices.

INFANT MORTALITY - Live Birth Cohort

Although only 1 percent of all live births in 2012-2016 were infants weighing less than 1000 grams, they accounted for over half (60 percent) of all infant deaths. In total, 8.7 percent of all live births in 2012-2016 were infants of low birthweight (under 2,500 grams) and 74 percent of infant deaths were low birthweight.

Figure 38. Percent Distribution by Birthweight in Grams, Delaware, Live Birth Cohort, 2012-2016

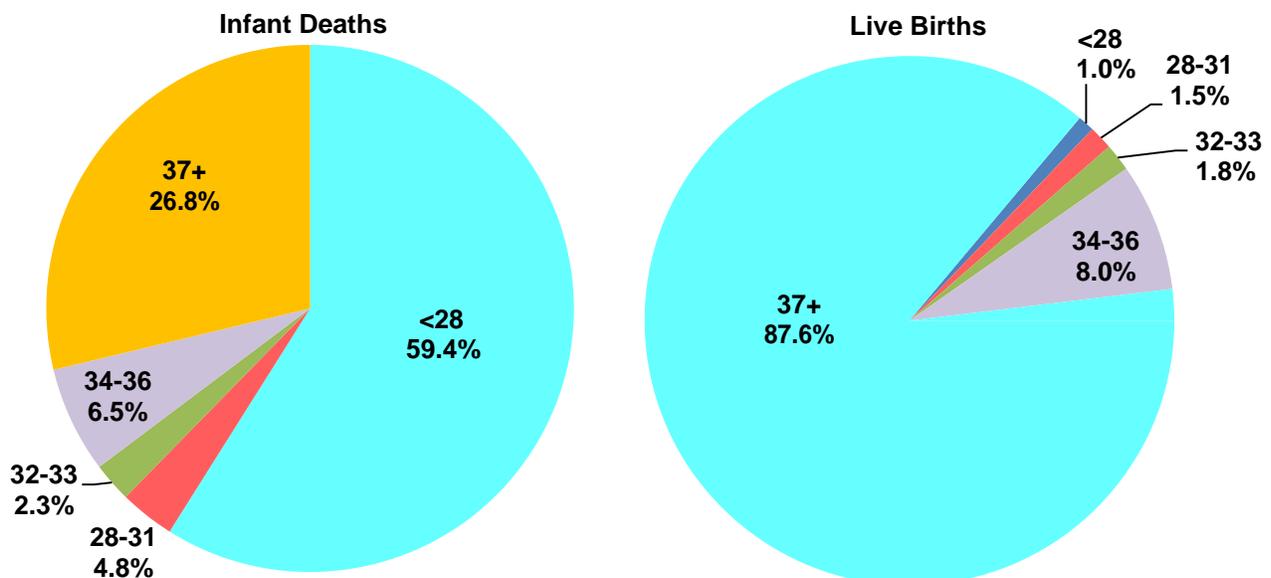


Source: Delaware Department of Health and Social Services, Division of Public Health, Delaware Health Statistics Center

Gestation and infant death demonstrated the same relationship as birthweight and infant death. Infants born at the youngest gestational age made up a very small percentage of live births, yet they accounted for the majority of infant deaths.

One percent of live births in 2012-2016 were less than 28 weeks gestation at birth, but they accounted for 59.4 percent of all infant deaths. In total, 12.3 percent of all live births in 2012-2016 were born preterm (<37 weeks of gestation) and 73 percent of infant deaths were preterm.

Figure 39. Distribution by Gestation in Weeks, Delaware, Live Birth Cohort, 2012-2016



Source: Delaware Health and Social Services, Division of Public Health, Delaware Health Statistics Center

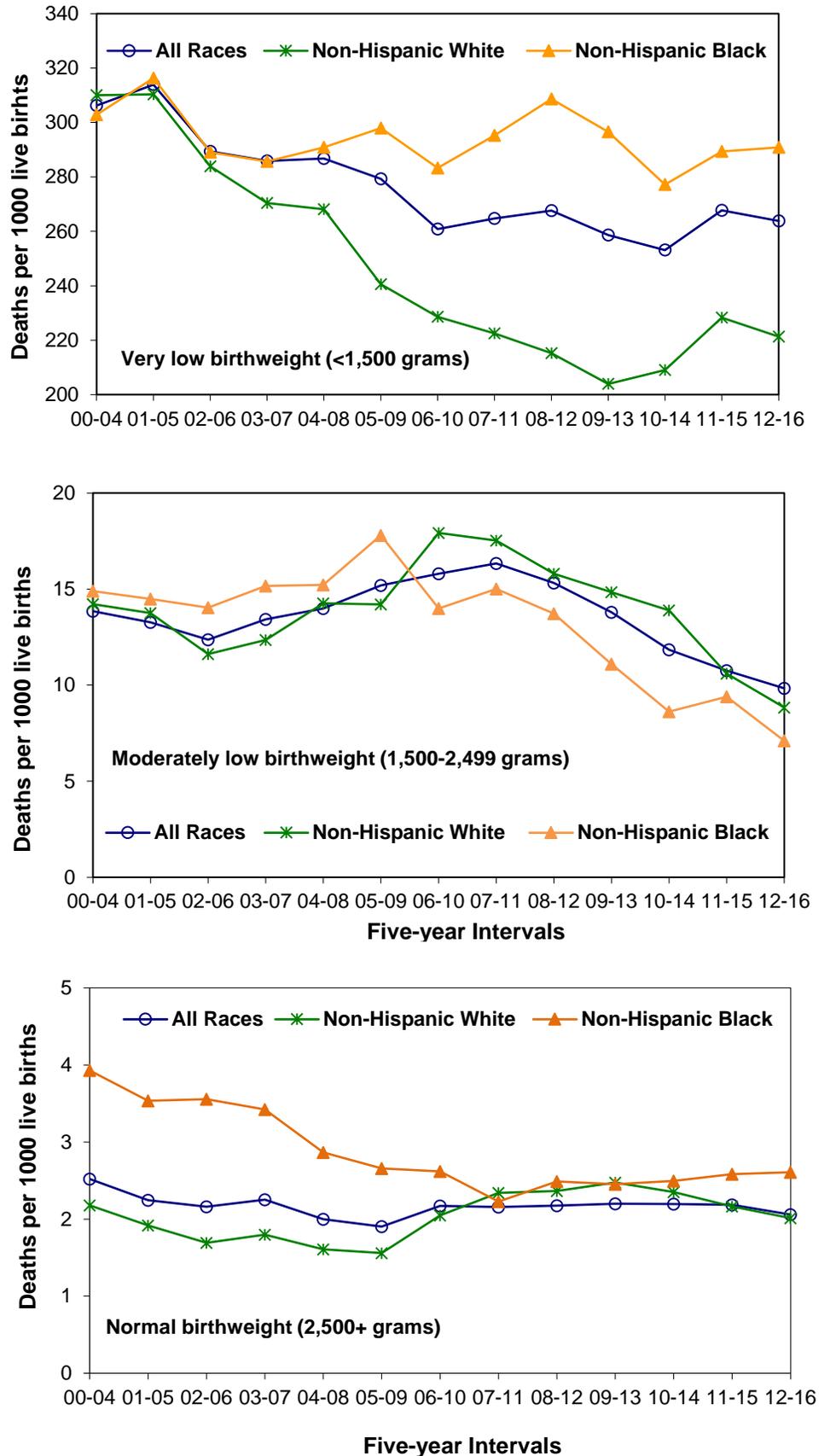
Birthweight and gestation are considered to be the most important predictors of infant health and mortality risk. Infants born too small or too early have a much greater risk of mortality than those who reach a normal birthweight (2,500+ grams) or full-term gestation (37+ weeks).

Although the IMRs decreased for both non-Hispanic white and non-Hispanic black very low birthweight (VLBW) (<1,500 grams) since 2001-2005, the non-Hispanic black IMR of 290.9 was significantly higher than the white IMR of 221.4 infant deaths per 1,000 live births in 2012-2016.

IMRs for moderately low birthweight infants of all races decreased 40 percent from its high point in 2007-2011 to 2012-2016. During that time, non-Hispanic white IMRs decreased 50 percent while the non-Hispanic black IMR decreased by 53 percent, making the non-Hispanic black IMR lower than the non-Hispanic white IMR (7.1 vs 8.8).

The IMR for all races and normal birthweight decreased nine percent from 2007-2011 to 2012-2016 (2.2 to 2.0). IMRs for normal birthweight non-Hispanic white infants decreased 13 percent from 2007-2011 to 2012-2016 (2.3 to 2.0 infant deaths per 1,000 live births), while the IMRs for non-Hispanic black infants increased 18 percent (2.2 to 2.6 infant deaths per 1,000 live births).

Figure 40. Five-year Average Infant Mortality Rates by Birthweight and Race, Delaware, 2000-2016 Live Birth Cohort



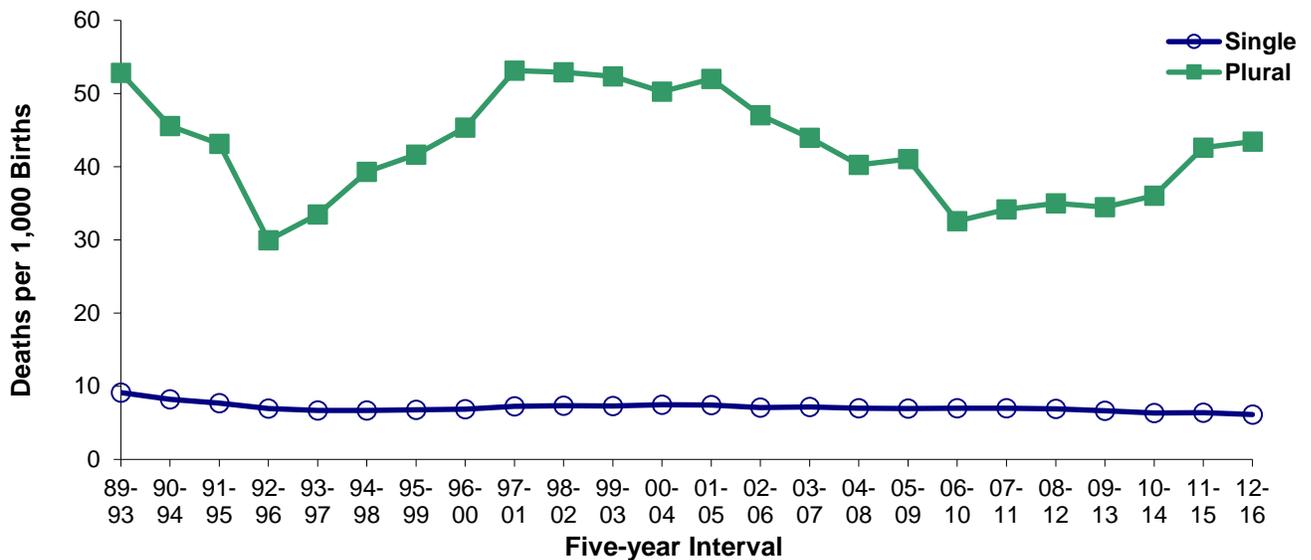
Source: Delaware Department of Health and Social Services, Division of Public Health, Delaware Health Statistics Center

INFANT MORTALITY - Live Birth Cohort

The divergent movement in non-Hispanic black and white rates in 2012-2016 increased the disparity ratio. During that time period, the non-Hispanic black IMR for normal birthweight infants was 2.6, versus 2.0 infant deaths per 1,000 live births for non-Hispanic white infants of normal birthweight.

From 2001-2005 to 2006-2010, IMRs for plural births decreased 37 percent, from 52 to 33 infant deaths per 1000 live births. Since then, IMRs for plural births increased 33 percent. IMRs for singleton births decreased 13 percent from 2001-2005 to 2012-2016. In 2012-2016, the infant mortality rate for plural births was seven times that of singleton births (43.4 versus 6.1 infant deaths per 1,000 live births, respectively).

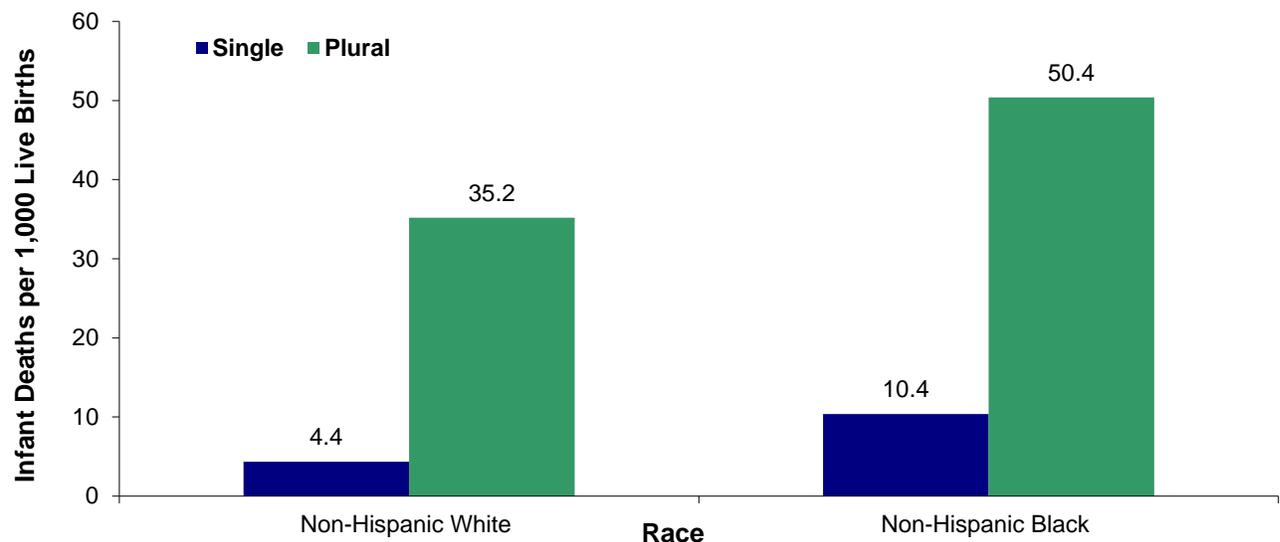
Figure 41. Five-year Average Infant Mortality Rates by Plurality, Delaware, Live Birth Cohort, 1989-2016



Source: Delaware Department of Health and Social Services, Division of Public Health, Delaware Health Statistics Center

The disparity between singleton and plural IMRs was evident regardless of race. The non-Hispanic black IMR was more than twice the non-Hispanic white IMR for singleton births and 1.4 times greater for plural births.

Figure 42. Five-year Average Infant Mortality Rates by Plurality and Race, Delaware, Live Birth Cohort, 2012-2016



Source: Delaware Department of Health and Social Services, Division of Public Health, Delaware Health Statistics Center

TABLE E-1. NUMBER OF INFANT DEATHS BY RACE BY COUNTY, AND CITY OF WILMINGTON, U.S., DELAWARE, 2000-2017

Area/ Race	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017
U.S.																		
All Races	27,960	27,523	27,970	27,995	27,860	28,384	28,509	29,153	28,075	26,408	24,572	24,001	23,654	23,446	23,211	23,458	23,157	N/A
Non-Hispanic White	13,461	13,300	13,327	13,228	13,001	13,134	12,884	13,005	12,509	11,785	11,192	10,886	10,759	10,766	10,515	10,444	10,204	N/A
Non-Hispanic Black	8,212	7,938	8,031	7,836	7,869	7,958	8,241	8,351	7,894	7,560	6,758	6,670	6,528	6,488	6,435	6,624	6,545	N/A
Non-Hispanic Other	1,243	1,274	1,289	1,331	1,334	1,380	1,368	1,516	1,452	1,397	1,324	1,338	1,363	1,280	1,273	1,401	1,380	N/A
Delaware																		
All Races	102	114	96	107	97	106	99	91	101	91	88	98	84	68	74	100	87	72
Non-Hispanic White	54	55	52	41	43	36	39	33	37	24	38	39	24	22	27	38	23	18
Non-Hispanic Black	36	50	35	49	44	53	44	38	49	52	35	38	43	33	29	38	39	37
Non-Hispanic Other	0	1	3	1	2	3	4	1	0	7	4	10	6	1	6	6	8	3
Kent																		
All Races	21	19	27	16	17	21	13	9	18	18	15	17	17	6	13	23	14	8
Non-Hispanic White	15	10	22	8	8	6	7	4	7	6	11	10	5	5	8	8	2	0
Non-Hispanic Black	4	8	5	7	8	14	5	4	7	12	3	3	10	1	4	9	8	7
Non-Hispanic Other	0	0	0	0	1	1	1	1	0	0	0	1	0	0	0	1	1	0
New Castle																		
All Races	67	72	55	78	60	68	68	60	70	57	58	74	58	48	49	54	62	48
Non-Hispanic White	32	32	26	27	25	23	22	19	25	13	17	24	16	12	14	19	16	11
Non-Hispanic Black	27	33	22	37	27	30	35	27	36	33	29	34	28	27	20	23	27	26
Non-Hispanic Other	0	0	3	1	0	2	2	0	0	5	3	9	6	1	6	4	7	3
Wilmington																		
All Races	16	17	12	18	12	18	16	17	19	18	18	17	20	14	14	10	18	15
Non-Hispanic White	2	1	1	1	1	1	1	1	2	0	1	2	4	0	3	2	0	1
Non-Hispanic Black	12	14	10	13	8	14	14	14	10	15	13	15	11	11	7	4	14	10
Non-Hispanic Other	0	0	0	0	0	0	0	0	0	2	0	0	1	0	1	1	2	2
Balance of NC County																		
All Races	51	55	43	60	48	50	52	43	51	39	40	57	38	34	35	44	44	33
Non-Hispanic White	30	31	25	26	24	22	21	18	23	13	16	22	12	12	11	17	16	10
Non-Hispanic Black	15	19	12	24	19	16	21	13	26	18	16	19	17	16	13	19	13	16
Non-Hispanic Other	0	0	3	1	0	2	2	0	0	3	3	9	5	1	5	3	5	1
Sussex																		
All Races	14	23	14	13	20	17	18	22	13	16	15	7	9	14	12	23	11	16
Non-Hispanic White	7	13	4	6	10	7	10	10	5	5	10	5	3	5	5	11	5	7
Non-Hispanic Black	5	9	8	5	9	9	4	7	6	7	3	1	5	5	5	6	4	4
Non-Hispanic Other	0	1	0	0	1	0	1	0	0	2	1	0	0	0	0	1	0	0

Notes:

- *Based on NCHS estimate.
- Infant deaths refer to deaths to children under one year of age.

Sources: National Center for Health Statistics
 Delaware Department of Health and Social Services, Division of Public Health, Delaware Health Statistics Center

TABLE E-2. NUMBER OF NEONATAL DEATHS BY RACE, COUNTY, AND CITY OF WILMINGTON, U.S., DELAWARE 2000-2017

Area/ Race	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017
U.S.																		
All Races	18,733	18,275	18,791	18,935	18,602	18,782	19,041	19,094	18,238	17,261	16,193	16,065	15,887	15,893	15,737	15,672	15,303	N/A
Non-Hispanic White	8,924	8,817	8,853	8,797	8,499	8,452	8,410	8,329	7,936	7,515	7,251	7,103	7,070	7,119	6,923	6,724	6,486	N/A
Non-Hispanic Black	5,552	5,293	5,399	5,335	5,283	5,332	5,525	5,484	5,159	4,957	4,395	4,437	4,354	4,355	4,361	4,348	4,323	N/A
Non-Hispanic Other	812	754	856	861	851	895	885	982	916	909	867	893	912	869	869	937	925	N/A
Delaware																		
All Races	71	82	78	76	63	79	72	65	68	66	58	73	66	47	55	79	57	48
Non-Hispanic White	38	41	44	29	28	25	28	25	23	15	24	24	16	12	18	32	10	14
Non-Hispanic Black	25	35	28	36	28	39	33	28	35	39	25	35	34	25	20	31	27	22
Non-Hispanic Other	0	1	2	1	2	3	3	0	0	7	4	7	6	1	5	3	7	3
Kent																		
All Races	15	15	22	8	11	14	7	6	12	14	11	13	12	3	10	17	9	5
Non-Hispanic White	10	10	18	3	5	3	4	3	4	4	8	6	3	3	7	7	1	0
Non-Hispanic Black	3	4	4	4	5	10	3	3	5	10	2	3	8	0	2	6	5	5
Non-Hispanic Other	0	0	0	0	1	1	0	0	0	0	0	1	0	0	0	0	1	0
New Castle																		
All Races	50	54	46	57	39	54	52	43	48	42	36	57	47	34	37	49	43	36
Non-Hispanic White	24	24	22	22	16	17	15	14	16	9	8	16	12	6	7	17	7	11
Non-Hispanic Black	21	26	19	27	18	23	28	20	27	23	22	32	21	22	16	23	20	16
Non-Hispanic Other	0	0	2	1	0	2	2	0	0	5	3	6	6	1	5	3	6	3
Wilmington																		
All Races	13	14	9	11	9	15	12	10	10	14	10	14	18	11	12	10	15	9
Non-Hispanic White	2	1	1	0	1	1	0	1	0	0	0	1	4	0	3	2	0	1
Non-Hispanic Black	9	12	8	10	6	11	11	9	6	11	9	13	9	8	5	4	11	5
Non-Hispanic Other	0	0	0	0	0	0	0	0	0	2	0	0	1	0	1	1	2	2
Balance of NC County																		
All Races	37	40	37	46	30	39	40	33	38	28	26	43	29	23	25	39	28	27
Non-Hispanic White	22	23	21	22	15	16	15	13	16	9	8	15	8	6	4	15	7	10
Non-Hispanic Black	12	14	11	17	12	12	17	11	21	12	13	19	12	14	11	19	9	11
Non-Hispanic Other	0	0	2	1	0	2	2	0	0	3	3	6	5	1	4	2	4	1
Sussex																		
All Races	6	13	10	11	13	11	13	16	8	10	11	3	7	10	8	13	5	7
Non-Hispanic White	4	7	4	4	7	5	9	8	3	2	8	2	1	3	4	8	2	3
Non-Hispanic Black	1	5	5	5	5	6	2	5	3	6	1	0	5	3	2	2	2	1
Non-Hispanic Other	0	1	0	0	1	0	1	0	0	2	1	0	0	0	0	0	0	0

Notes:

1. *Based on NCHS estimate.
2. Neonatal deaths refer to deaths of children under 28 days of age.

Sources: National Center for Health Statistics,

Delaware Department of Health and Social Services, Division of Public Health, Delaware Health Statistics Center

TABLE E-3. NUMBER OF POSTNEONATAL DEATHS BY RACE, COUNTY, AND CITY OF WILMINGTON, U.S., DELAWARE 2000-2017

Area/ Race	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017
U.S.																		
All Races	9,227	9,248	9,179	9,060	9,258	9,602	9,468	10,059	9,837	9,147	8,379	7,936	7,767	7553*	7,474	7,786	7,854	N/A
Non-Hispanic White	4,537	4,483	4,474	4,431	4,502	4,682	4,474	4,676	4,573	4,270	3,941	3,783	3,689	3647*	3,592	3,720	3,718	N/A
Non-Hispanic Black	2,660	2,645	2,632	2,501	2,586	2,626	2,716	2,867	2,735	2,603	2,363	2,233	2,174	2133*	2,074	2,276	2,222	N/A
Non-Hispanic Other	431	520	433	470	483	485	483	534	536	488	457	445	451	411*	404	464	455	N/A
Delaware																		
All Races	31	32	18	31	34	27	27	26	33	25	30	25	18	21	19	21	30	24
Non-Hispanic White	16	14	8	12	15	11	11	8	14	9	14	15	8	10	9	6	13	4
Non-Hispanic Black	11	15	7	13	16	14	11	10	14	13	10	3	9	8	9	7	12	15
Non-Hispanic Other	0	0	1	0	0	0	1	1	0	0	0	3	0	0	1	3	1	0
Kent																		
All Races	6	4	5	8	6	7	6	3	6	4	4	4	5	3	3	6	5	3
Non-Hispanic White	5	0	4	5	3	3	3	1	3	2	3	4	2	2	1	1	1	0
Non-Hispanic Black	1	4	1	3	3	4	2	1	2	2	1	0	2	1	2	3	3	2
Non-Hispanic Other	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	1	0	0
New Castle																		
All Races	17	18	9	21	21	14	16	17	22	15	22	17	11	14	12	5	19	12
Non-Hispanic White	8	8	4	5	9	6	7	5	9	4	9	8	4	6	7	2	9	0
Non-Hispanic Black	6	7	3	10	9	7	7	7	9	10	7	2	7	5	4	0	7	10
Non-Hispanic Other	0	0	1	0	0	0	0	0	0	0	0	3	0	0	1	1	1	0
Wilmington																		
All Races	3	3	3	7	3	3	4	7	9	4	8	3	2	3	2	0	3	6
Non-Hispanic White	0	0	0	1	0	0	1	0	2	0	1	1	0	0	0	0	0	0
Non-Hispanic Black	3	2	2	3	2	3	3	5	4	4	4	2	2	3	2	0	3	5
Non-Hispanic Other	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Balance of NC County																		
All Races	14	15	6	14	18	11	12	10	13	11	14	14	9	11	10	5	16	6
Non-Hispanic White	8	8	4	4	9	6	6	5	7	4	8	7	4	6	7	2	9	0
Non-Hispanic Black	3	5	1	7	7	4	4	2	5	6	3	0	5	2	2	0	4	5
Non-Hispanic Other	0	0	1	0	0	0	0	0	0	0	0	3	0	0	1	1	1	0
Sussex																		
All Races	8	10	4	2	7	6	5	6	5	6	4	4	2	4	4	10	6	9
Non-Hispanic White	3	6	0	2	3	2	1	2	2	3	2	3	2	2	1	3	3	4
Non-Hispanic Black	4	4	3	0	4	3	2	2	3	1	2	1	0	2	3	4	2	3
Non-Hispanic Other	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0

Notes:
 1. *Based on NCHS estimate.
 2. Postneonatal deaths refer to deaths of children 28 to 364 days of age.

Sources: National Center for Health Statistics
 Delaware Department of Health and Social Services, Division of Public Health, Delaware Health Statistics Center

TABLE E- 4. FIVE-YEAR AVERAGE INFANT MORTALITY RATES BY RACE, COUNTY, AND CITY OF WILMINGTON, U.S., DELAWARE 2000-2017

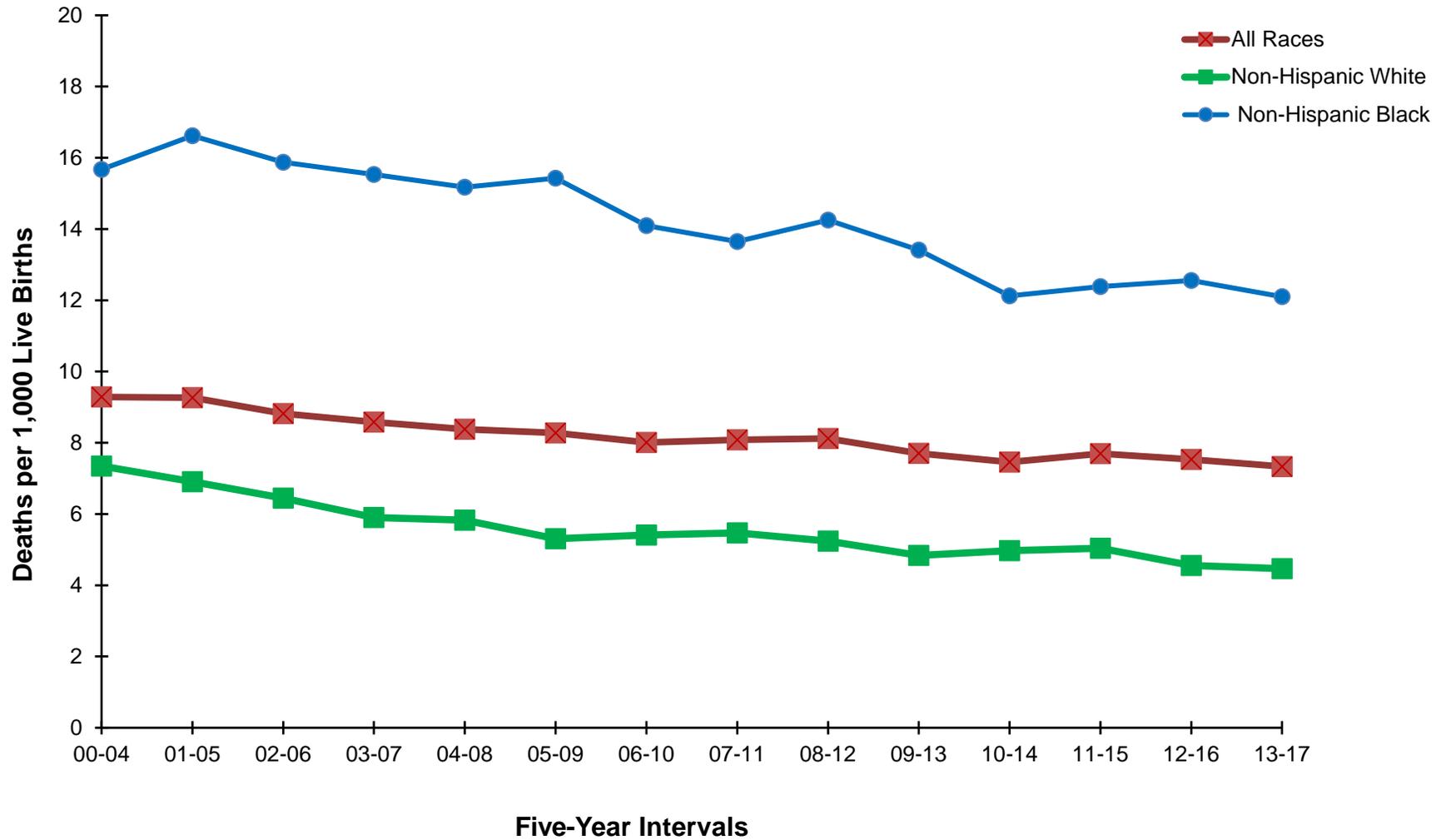
Area/ Race	2000 -2004	2001 -2005	2002 -2006	2003 -2007	2004 -2008	2005 -2009	2006 -2010	2007 -2011	2008 -2012	2009 -2013	2010 -2014	2011 -2015	2012 -2016	2013 -2017
U.S.														
All Races	6.9	6.9	6.8	6.8	6.7	6.7	6.5	6.4	6.2	6.1	6.0	5.9	5.9	N/A
Non-Hispanic White	5.3	5.7	5.7	5.7	5.6	5.6	5.4	5.3	5.2	5.1	5.0	5.0	5.0	N/A
Non-Hispanic Black	13.5	13.6	13.6	13.5	13.3	13.1	12.7	12.3	11.8	11.5	11.2	11.2	11.1	N/A
Delaware														
All Races	9.3+	9.3+	8.8+	8.6+	8.4+	8.3+	8.0+	8.1+	8.1+	7.7+	7.5+	7.7+	7.5+	7.3
Non-Hispanic White	7.3+	6.9+	6.4	5.9	5.8	5.3	5.4	5.5	5.2	4.8	5.0	5.0	4.6	4.5
Non-Hispanic Black	15.7	16.6+	15.9+	15.5	15.2	15.4+	14.1	13.6	14.3+	13.4	12.1	12.4	12.6	12.1
Kent														
All Races	10.2	10.0	9.1	7.1	7.1	7.1	6.5	6.9	7.6	6.6	6.2	6.9	6.5	5.8
Non-Hispanic White	9.7	8.2	7.6	4.8	4.6	4.3	5.0	5.5	5.6	5.5	5.8	5.4	4.2	3.6
Non-Hispanic Black	13.0	16.5	14.8	13.6	13.3	14.2	10.2	9.5	11.6	9.6	7.0	8.9	10.3	9.1
New Castle														
All Races	9.4	9.4	9.2	9.2	9.0	9.0	8.8	9.1	9.3	8.8	8.7	8.6	8.4	8.1
Non-Hispanic White	6.9	6.6	6.2	6.0	6.1	5.6	5.3	5.5	5.4	4.8	4.9	5.1	4.8	4.6
Non-Hispanic Black	16.1	16.2	16.0	16.1	15.6	15.9	15.6	15.5	15.9	15.3	14.3	13.8	13.3	13.2
Wilmington														
All Races	12.4	12.8	12.3	13.0	13.0	13.8	14.1	14.8	16.1	15.9	15.8	14.6	15.1	14.3
Non-Hispanic White	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Non-Hispanic Black	15.4	16.2	15.9	16.9	15.7	17.1	17.4	18.5	18.7	20.2	19.2	16.3	16.4	16.3
Balance of NC County														
All Races	8.8	8.7	8.5	8.5	8.2	8.0	7.7	7.9	7.9	7.5	7.3	7.5	7.1	7.0
Non-Hispanic White	7.0	6.8	6.4	6.2	6.1	5.7	5.5	5.6	5.4	4.8	4.7	4.9	4.6	4.6
Non-Hispanic Black	16.5	16.1	16.0	15.6	15.5	15.1	14.5	13.8	14.4	12.9	12.2	12.6	11.9	11.8
Sussex														
All Races	8.1	8.2	7.5	7.9	7.6	7.2	7.0	6.2	5.2	5.4	5.1	5.8	6.1	6.7
Non-Hispanic White	6.4	6.4	5.9	6.7	6.4	5.6	6.0	5.4	4.3	4.3	4.3	4.5	4.4	5.1
Non-Hispanic Black	17.1	18.8	16.7	15.4	15.8	15.0	12.4	11.0	10.4	10.0	---	11.0	12.5	11.9

Notes:

1. 2013-2017 U.S. data are based on NCHS estimates.
2. Infant mortality rates represent the number of deaths of children under one year of age per 1000 live births.
3. '+' indicates that the Delaware rate is significantly higher than the U.S. rate.
'-' indicates that the Delaware rate is significantly lower than the U.S. rate.
4. "----" Indicates rate does not meet standard of reliability or precision; based on fewer than 20 deaths in the numerator.
5. No statistical comparisons were made between the county rates and the U.S. rate due to small numbers. See Appendix C for details.

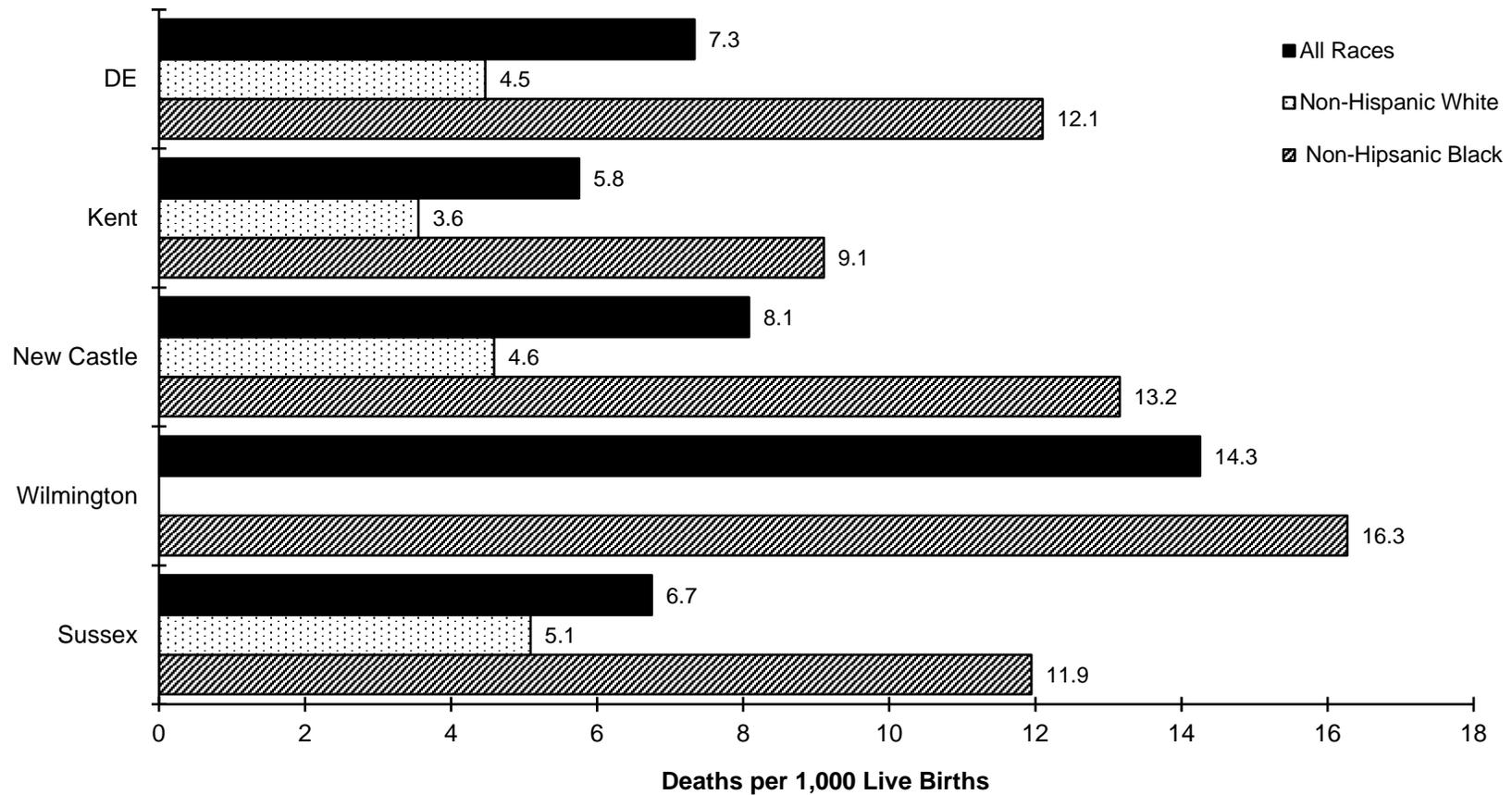
*Sources: National Center for Health Statistics,
Delaware Department of Health and Social Services, Division of Public Health, Delaware Health Statistics Center*

Figure E-1. Five-Year Average Infant Mortality Rates by Race, Delaware, 2000-2017



Source: Delaware Department of Health and Social Services, Division of Public Health, Delaware Health Statistics Center

Figure E-2. Five-Year Average Infant Mortality Rates by Race, Delaware, Counties and the City of Wilmington, 2013-2017



Source: Delaware Department of Health and Social Services, Division of Public Health, Delaware Health Statistics Center

TABLE E-5. FIVE-YEAR AVERAGE NEONATAL MORTALITY RATES BY RACE, COUNTY, AND CITY OF WILMINGTON, U.S., DELAWARE 2000-2017

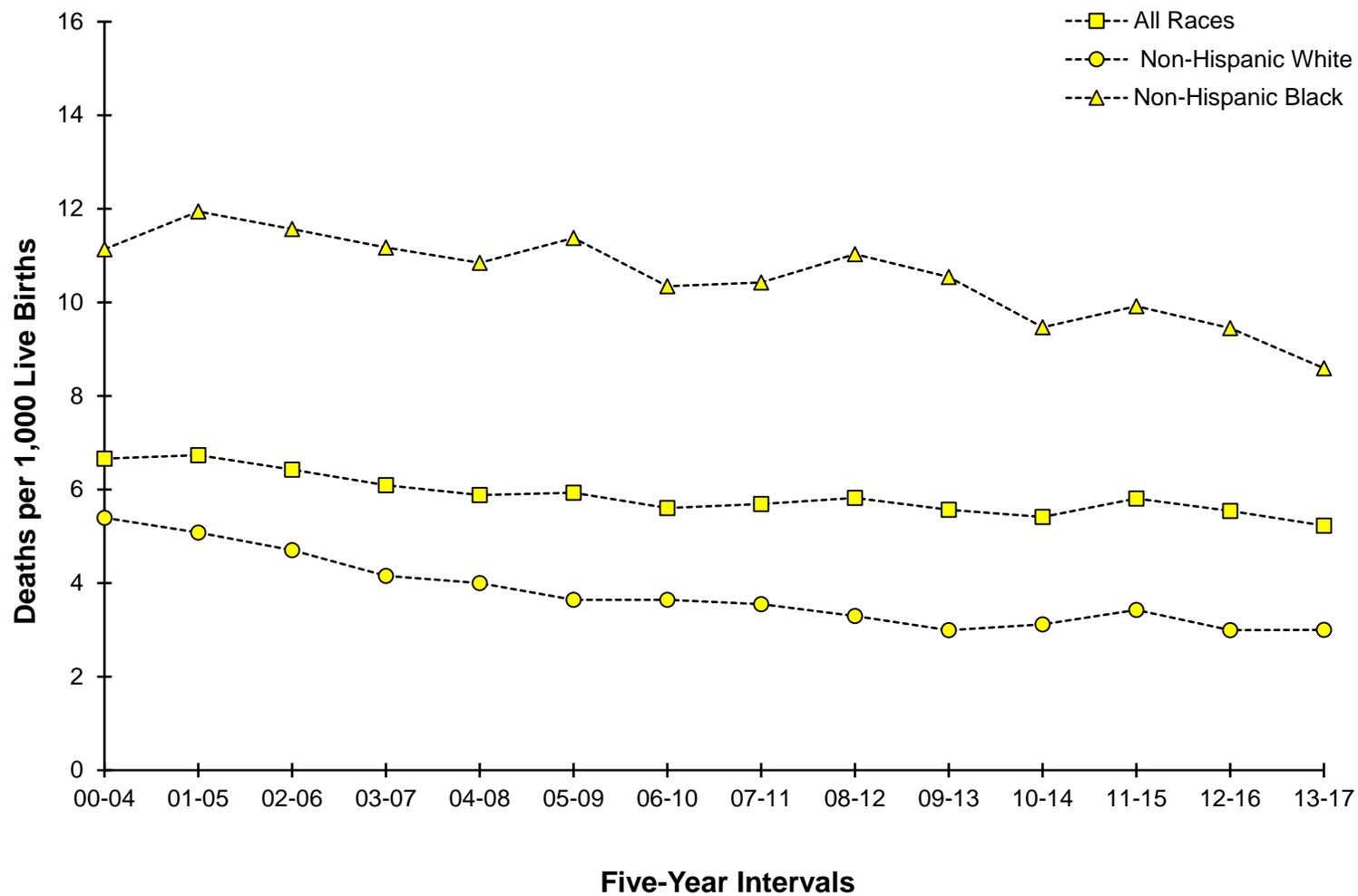
Area/ Race	2000 -2004	2001 -2005	2002 -2006	2003 -2007	2004 -2008	2005 -2009	2006 -2010	2007 -2011	2008 -2012	2009 -2013	2010 -2014	2011 -2015	2012 -2016	2013 -2017
U.S.														
All Races	4.6	4.6	4.6	4.5	4.4	4.4	4.3	4.2	4.1	4.1	4.0	4.0	4.0	N/A
Non-Hispanic White	3.5	3.8	3.7	3.7	3.6	3.6	3.5	3.4	3.4	3.3	3.3	3.3	3.2	N/A
Non-Hispanic Black	9.1	9.2	9.2	9.0	8.8	8.6	8.3	8.1	7.8	7.6	7.5	7.5	7.4	N/A
Delaware														
All Races	6.7+	6.7+	6.4+	6.1+	5.9+	5.9+	5.6+	5.7+	5.8+	5.6+	5.4+	5.8+	5.5+	5.2
Non-Hispanic White	5.4+	5.1+	4.7+	4.2	4.0	3.6	3.6	3.5	3.3	3.0	3.1	3.4	3.0	3
Non-Hispanic Black	11.1+	11.9+	11.6+	11.2+	10.8+	11.4+	10.3+	10.4+	11.0+	10.5+	9.5+	9.9+	9.5+	8.6
Kent														
All Races	7.2	7.0	6.0	4.3	4.6	4.7	4.4	5.0	5.6	4.8	4.4	5.0	4.6	4.0
Non-Hispanic White	7.1	6.0	4.9	---	---	---	3.3	3.6	3.6	3.5	4.0	3.9	3.2	---
Non-Hispanic Black	8.1	10.6	9.9	9.0	9.1	10.5	7.6	7.5	9.3	7.6	---	---	6.8	---
New Castle														
All Races	7.0	7.1	6.9	6.8	6.5	6.7	6.2	6.4	6.7	6.5	6.4	6.8	6.5	6.2
Non-Hispanic White	5.2	5.0	4.7	4.4	4.1	3.9	3.5	3.5	3.5	3.0	2.9	3.5	3.0	3.1
Non-Hispanic Black	12.2	12.2	12.2	12.0	11.7	11.9	11.7	12.1	12.4	12.1	11.7	11.9	10.9	10.4
Wilmington														
All Races	9.2	9.6	9.1	9.2	8.9	9.6	9.0	9.7	11.6	12.2	12.4	12.6	13.2	11.4
Non-Hispanic White	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Non-Hispanic Black	12.2	12.9	12.4	12.6	11.2	12.3	12.1	13.2	14.0	15.6	14.8	13.3	12.9	11.7
Balance of NC County														
All Races	6.5	6.5	6.5	6.3	6.0	6.0	5.6	5.8	5.8	5.3	5.3	5.7	5.3	5.2
Non-Hispanic White	5.3	5.2	4.8	4.5	4.3	4.1	3.7	3.7	3.5	2.9	2.6	3.2	2.7	2.9
Non-Hispanic Black	12.2	11.8	12.0	11.6	11.9	11.7	11.4	11.4	11.6	10.5	10.4	11.3	9.9	9.8
Sussex														
All Races	5.1	5.5	5.3	5.6	5.2	4.9	4.9	4.1	3.4	3.6	3.5	3.7	3.8	3.8
Non-Hispanic White	4.2	4.3	4.6	5.1	4.9	4.1	4.5	3.5	---	---	---	---	---	3.1
Non-Hispanic Black	10.0	12.2	10.9	10.4	9.5	10.0	---	---	---	---	---	---	---	---

Notes:

1. 2013-2017 U.S. data are based on NCHS estimates.
2. Neonatal mortality rates represent the number of deaths of children under 28 days of age per 1000 live births.
3. '+' indicates that the Delaware rate is significantly higher than the U.S. rate.
4. "---" Indicates rate does not meet standard of reliability or precision; based on fewer than 20 deaths in the numerator.
5. No statistical comparisons were made between the county rates and the U.S. rate due to small numbers. See Appendix C for details.

*Sources: National Center for Health Statistics
Delaware Department of Health and Social Services, Division of Public Health, Delaware Health Statistics Center*

Figure E-3. Five-Year Average Neonatal Mortality Rates by Race, Delaware, 2000-2017



Source: Delaware Department of Health and Social Services, Division of Public Health, Delaware Health Statistics Center

TABLE E-6. FIVE-YEAR AVERAGE POSTNEONATAL MORTALITY RATES BY RACE, COUNTY, AND CITY OF WILMINGTON, U.S., DELAWARE, 2000-2017

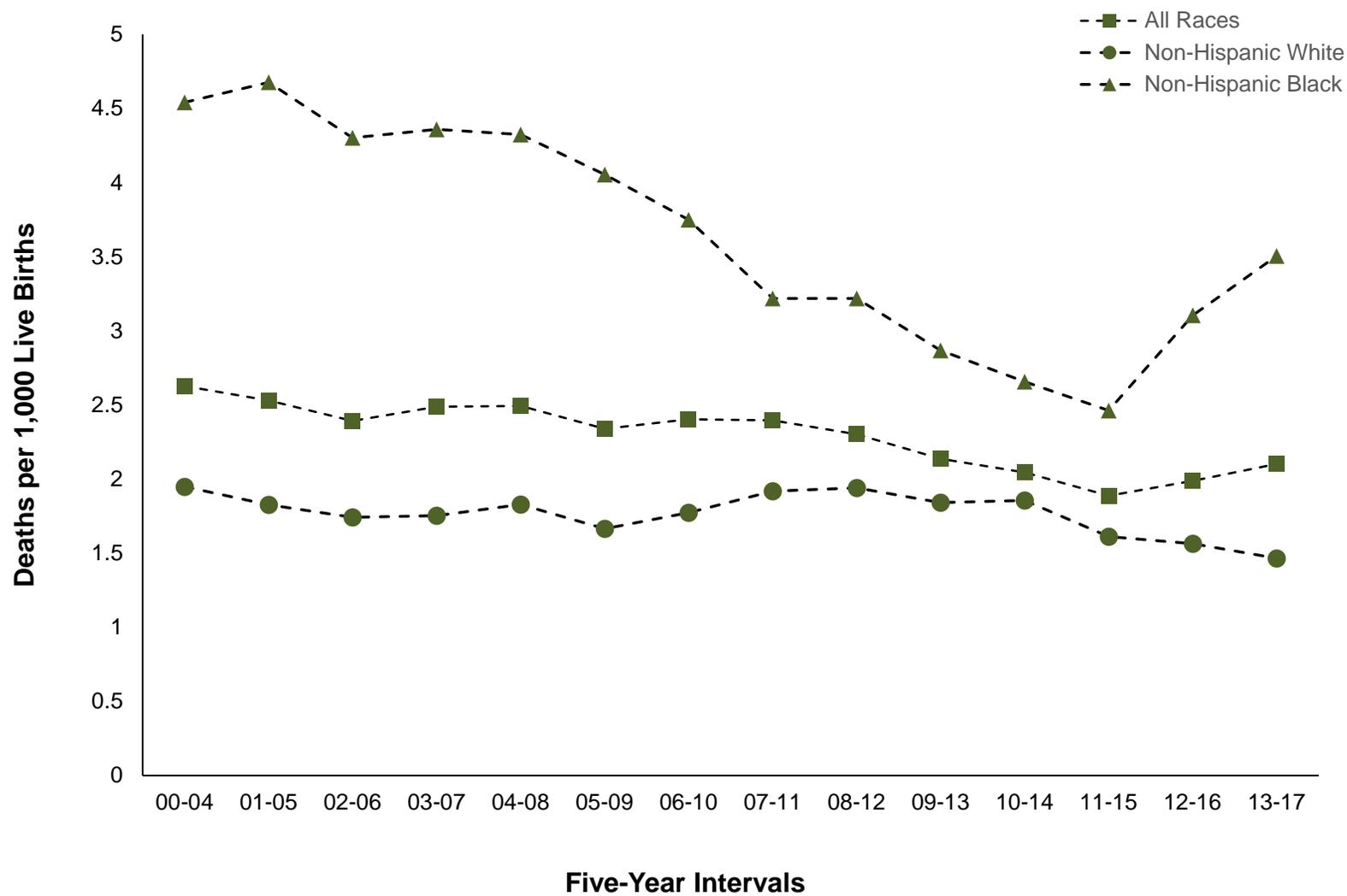
Area/ Race	2000 -2004	2001 -2005	2002 -2006	2003 -2007	2004 -2008	2005 -2009	2006 -2010	2007 -2011	2008 -2012	2009 -2013	2010 -2014	2011 -2015	2012 -2016	2013 -2017
U.S.														
All Races	2.3	2.3	2.3	2.3	2.3	2.3	2.2	2.2	2.1	2.0	2.0	1.9	1.9	N/A
Non-Hispanic White	1.8	2.0	2.0	2.0	2.0	2.0	1.9	1.9	1.9	1.8	1.7	1.7	1.7	N/A
Non-Hispanic Black	4.4	4.5	4.5	4.5	4.5	4.4	4.3	4.2	4.1	3.9	3.7	3.7	3.7	N/A
Delaware														
All Races	2.6	2.5	2.4	2.5	2.5	2.3	2.4	2.4	2.3	2.1	2.0	1.9	2.0	2.1
Non-Hispanic White	1.9	1.8	1.7	1.8	1.8	1.7	1.8	1.9	1.9	1.8	1.9	1.6	1.6	1.5
Non-Hispanic Black	4.5	4.7	4.3	4.4	4.3	4.1	3.7	3.2-	3.2	2.9-	2.7-	2.5-	3.1	3.5
Kent														
All Races	2.9	3.0	3.1	2.8	2.6	2.3	2.0	1.9	2.1	1.8	---	1.9	2.0	1.8
Non-Hispanic White	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Non-Hispanic Black	---	---	---	---	---	---	---	---	---	---	---	---	---	---
New Castle														
All Races	2.4	2.3	2.3	2.5	2.5	2.3	2.6	2.7	2.5	2.4	2.3	1.8	1.9	1.9
Non-Hispanic White	1.6	1.6	1.6	1.7	1.9	1.7	1.9	2.0	2.0	1.8	2.0	1.6	1.7	1.5
Non-Hispanic Black	3.9	3.9	3.8	4.1	3.9	3.9	3.9	3.4	3.5	3.1	2.6	---	2.4	2.8
Wilmington														
All Races	---	---	3.2	3.9	4.1	4.2	5.1	5.2	4.6	3.7	---	---	---	---
Non-Hispanic White	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Non-Hispanic Black	---	---	---	---	---	---	5.3	---	---	---	---	---	---	---
Balance of NC County														
All Races	2.3	2.2	2.1	2.2	2.1	1.9	2.1	2.1	2.1	2.1	2.1	1.8	1.9	1.8
Non-Hispanic White	1.7	1.6	1.6	1.7	1.9	1.6	1.8	1.9	1.9	1.8	2.1	1.7	1.9	1.7
Non-Hispanic Black	4.3	4.3	4.0	4.0	3.6	3.4	3.1	---	---	---	---	---	---	---
Sussex														
All Races	3.0	2.7	2.2	2.3	2.4	2.3	2.2	2.1	1.8	1.8	---	2.1	2.3	2.9
Non-Hispanic White	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Non-Hispanic Black	---	---	---	---	---	---	---	---	---	---	---	---	---	---

Notes:

1. 2013-2017 U.S. data are based on NCHS estimates.
2. Postneonatal mortality rates represent the number of deaths of children 28 to 364 days of age per 1000 live births.
3. '-' indicates that the Delaware rate is significantly lower than the U.S. rate.
4. "----" Indicates rate does not meet standard of reliability or precision; based on fewer than 20 deaths in the numerator.
5. No statistical comparisons were made between the county rates and the U.S. rate due to small numbers. See Appendix C for details.

*Sources: National Center for Health Statistics
Delaware Department of Health and Social Services, Division of Public Health, Delaware Health Statistics Center*

Figure E-4. Five-Year Average Postneonatal Mortality Rates by Race, Delaware, 2000-2017



Source: Delaware Department of Health and Social Services, Division of Public Health, Delaware Health Statistics Center

TABLE E-7. FIVE-YEAR AVERAGE INFANT MORTALITY RATES BY SELECTED RISK MARKERS AND RACE OF MOTHER, DELAWARE, 2012-2016 LIVE BIRTH COHORT

Risk Factor	Non-Hispanic		
	All	White	Black
Birth Weight of Child			
<2500	62.2	48.1	74.7
<1500	263.8	221.4	290.9
1500-2499	9.8	---	---
2500+	2.1	2.0	2.6
Age of Mother			
<20	7.7	---	---
20-24	8.8	7.6	11.6
25-29	7.5	5.0	12.9
30+	6.4	4.2	12.3
Marital Status of Mother			
Married	4.6	3.6	8.5
Single	10.3	8.4	13.2
Education of Mother			
<12 years	7.0	9.0	8.2
H.S. diploma	10.2	6.8	15.7
1+ years college	5.7	4.1	9.5
Interval Since Last Live Birth			
<18 months	10.6	---	---
18+ months	4.4	3.4	7.8

Notes:

1. Infant mortality rates represent the number of deaths to children under one year of age per 1,000 live births.

Source: Delaware Department of Health and Social Services, Division of Public Health, Delaware Health Statistics Center

TABLE E-8. LEADING CAUSES OF INFANT DEATH BY GESTATIONAL AGE CATEGORY, DELAWARE, 2012-2016 LIVE BIRTH COHORT

Leading causes of death	Gestational Age Category					% Born Very Preterm	% Born Preterm
	Very preterm	Moderately preterm	Term	Unknown	Total		
Disorders related to short gestation and low birth weight, not elsewhere classified	85	0	1	0	86	98.8	98.8
Newborn affected by maternal complications of pregnancy	52	2	1	0	55	94.5	98.2
Congenital malformations, deformations, and chromosomal abnormalities	9	14	23	0	46	19.6	50.0
Sudden infant death syndrome	0	3	22	0	25	0.0	12.0
Newborn affected by complications of placenta, cord, and membranes	20	1	0	0	21	95.2	100.0
Respiratory distress of newborn	16	0	1	0	17	94.1	94.1
Bacterial sepsis of newborn	7	1	4	0	12	58.3	66.7
Diseases of the circulatory system	1	1	8	0	10	10.0	20.0
Accidents (unintentional injuries)	1	1	7	0	9	11.1	22.2
Diarrhea and gastroenteritis of infectious origin	8	0	0	0	8	100.0	100.0
Intrauterine hypoxia and birth asphyxia	4	1	3	0	8	50.0	62.5
Assault (homicide)	0	1	5	0	6	0.0	16.7
Atelectasis	5	0	0	0	5	100.0	100.0
Necrotizing enterocolitis of newborn	4	0	1	0	5	80.0	80.0
Volume depletion, disorders of fluid, electrolyte and acid-base balance	2	0	1	1	4	50.0	50.0
Neonatal hemorrhage	2	2	0	0	4	50.0	100.0
Septicemia	3	0	0	0	3	100.0	100.0
Newborn affected by other complications of labor and delivery	3	0	0	0	3	100.0	100.0
Hydrops fetalis not due to hemolytic disease	2	1	0	0	3	66.7	100.0
Diseases of the blood and blood-forming organs and certain disorders involving	1	0	1	0	2	50.0	50.0
All other causes	31	7	29	0	67	46.3	56.7
TOTAL	256	35	107	1	399	64.2	72.9

Notes:

1. Leading causes of infant death are categorized using NCHS rankable causes of infant death, specific ICD-10 codes are shown in Appendix D.
2. Very preterm is defined as less than 32 weeks of gestation.
3. Moderately preterm is defined as between 32 and 36 weeks of gestation.
4. Term is defined as 37 and greater weeks of gestation.
5. The percent born preterm includes both the very preterm and moderately preterm groups.

Source: Delaware Department of Health and Social Services, Division of Public Health, Delaware Health Statistics Center

TABLE E-9. FIVE-YEAR AVERAGE INFANT MORTALITY RATES BY RACE AND SELECTED RISK MARKERS, DELAWARE LIVE BIRTH COHORT, 2000-2016

Parameter/ Race	2000 -2004	2001 -2005	2002 -2006	2003 -2007	2004 -2008	2005 -2009	2006 -2010	2007 -2011	2008 -2012	2009 -2013	2010 -2014	2011 -2015	2012 -2016
BIRTHWEIGHT													
2500+													
All Races	2.5	2.2	2.2	2.3	2.0	1.9	2.2	2.2	2.2	2.2	2.2	2.2	2.1
Non-Hispanic White	2.2	1.9	1.7	1.8	1.6	1.6	2.0	2.3	2.4	2.5	2.4	2.2	2.0
Non-Hispanic Black	3.9	3.5	3.6	3.4	2.9	2.7	2.6	2.2	2.5	2.5	2.5	2.6	2.6
<2500													
All Races	73.1	74.5	69.9	68.8	69.2	70.6	65.5	67.1	68.2	64.6	61.7	64.6	62.2
Non-Hispanic White	68.2	67.3	62.9	58.4	59.8	55.5	54.5	52.3	51.1	46.9	47.1	49.4	48.1
Non-Hispanic Black	83.2	88.1	81.1	82.6	84.2	90.1	82.1	86.5	88.9	83.3	76.3	79.6	74.7
<1500													
All Races	306.2	313.9	289.4	285.8	286.8	279.3	260.8	264.7	267.6	258.6	253.1	267.7	263.8
Non-Hispanic White	310.0	310.3	283.9	270.5	268.1	240.6	228.6	222.5	215.2	203.9	209.0	228.3	221.4
Non-Hispanic Black	302.8	316.3	289.1	285.7	290.9	298.0	283.3	295.2	308.6	296.5	277.2	289.4	290.9
GESTATION													
37+ weeks													
All Races	2.4	2.2	2.2	2.3	2.0	2.0	2.4	2.6	2.6	2.5	2.6	2.5	2.2
Non-Hispanic White	2.0	1.8	1.7	1.9	1.8	1.7	2.3	2.7	2.7	2.7	2.8	2.3	2.0
Non-Hispanic Black	4.0	3.4	3.4	3.4	2.8	2.6	2.7	2.6	2.7	2.7	2.9	3.1	3.0
<37 weeks													
All Races	52.6	53.5	49.1	47.1	47.0	47.3	43.6	44.3	45.5	44.0	41.5	44.8	43.3
Non-Hispanic White	46.6	45.4	40.5	36.8	36.8	35.0	34.2	33.0	32.3	31.2	28.9	32.8	33.0
Non-Hispanic Black	67.9	73.0	68.4	67.3	68.5	71.5	64.4	66.8	69.6	65.6	60.1	63.0	58.5
<32 weeks													
All Races	239.4	249.1	232.4	220.4	220.4	216.9	195.0	195.7	198.7	190.8	178.9	189.6	186.9
Non-Hispanic White	239.7	241.7	215.6	192.6	191.1	178.3	160.1	154.9	146.2	137.7	130.1	144.2	144.6
Non-Hispanic Black	240.6	260.3	249.2	245.6	254.0	258.1	236.5	241.2	249.6	235.5	216.0	226.1	225.0
PLURALITY													
Single													
All Races	7.5	7.4	7.1	7.2	7.0	7.0	7.0	7.0	6.9	6.7	6.3	6.4	6.1
Non-Hispanic White	5.8	5.6	5.2	5.2	5.1	4.7	5.3	5.4	5.2	5.1	4.8	4.6	4.4
Non-Hispanic Black	13.6	13.7	13.0	12.8	12.2	12.6	11.8	11.7	11.8	11.5	10.6	10.9	10.4
Plural													
All Races	50.3	52.0	47.0	44.0	40.3	41.0	32.6	34.2	35.0	34.5	36.1	42.6	43.4
Non-Hispanic White	43.0	42.6	37.3	30.2	26.5	26.2	21.0	20.8	22.0	22.2	27.0	33.3	35.2
Non-Hispanic Black	54.3	65.0	59.7	64.4	68.6	70.4	54.9	54.9	56.6	46.6	40.5	47.5	50.4
SMOKING DURING PREGNANCY													
No													
All Races	8.2	8.2	7.9	7.7	7.4	7.6	7.4	7.4	7.4	7.2	6.7	6.9	6.6
Non-Hispanic White	6.1	5.9	5.8	5.3	5.1	4.9	5.5	5.4	5.5	5.3	4.9	4.7	4.5
Non-Hispanic Black	14.4	14.8	13.7	13.5	13.2	13.8	12.8	13.0	13.3	12.5	11.6	12.0	11.2
Yes													
All Races	14.8	15.1	13.4	13.9	13.3	12.1	10.7	10.8	10.0	9.7	10.7	11.5	12.1
Non-Hispanic White	13.4	13.4	10.4	10.8	10.8	8.7	8.2	8.5	7.3	6.9	8.8	10.0	10.4
Non-Hispanic Black	19.7	22.3	24.2	24.2	21.6	21.9	17.8	16.1	16.2	16.0	14.4	15.0	17.6

See footnotes at the end of the table

TABLE E-9. FIVE-YEAR AVERAGE INFANT MORTALITY RATES BY RACE AND SELECTED RISK MARKERS, DELAWARE, LIVE BIRTH COHORT, 2000-2016 (continued)

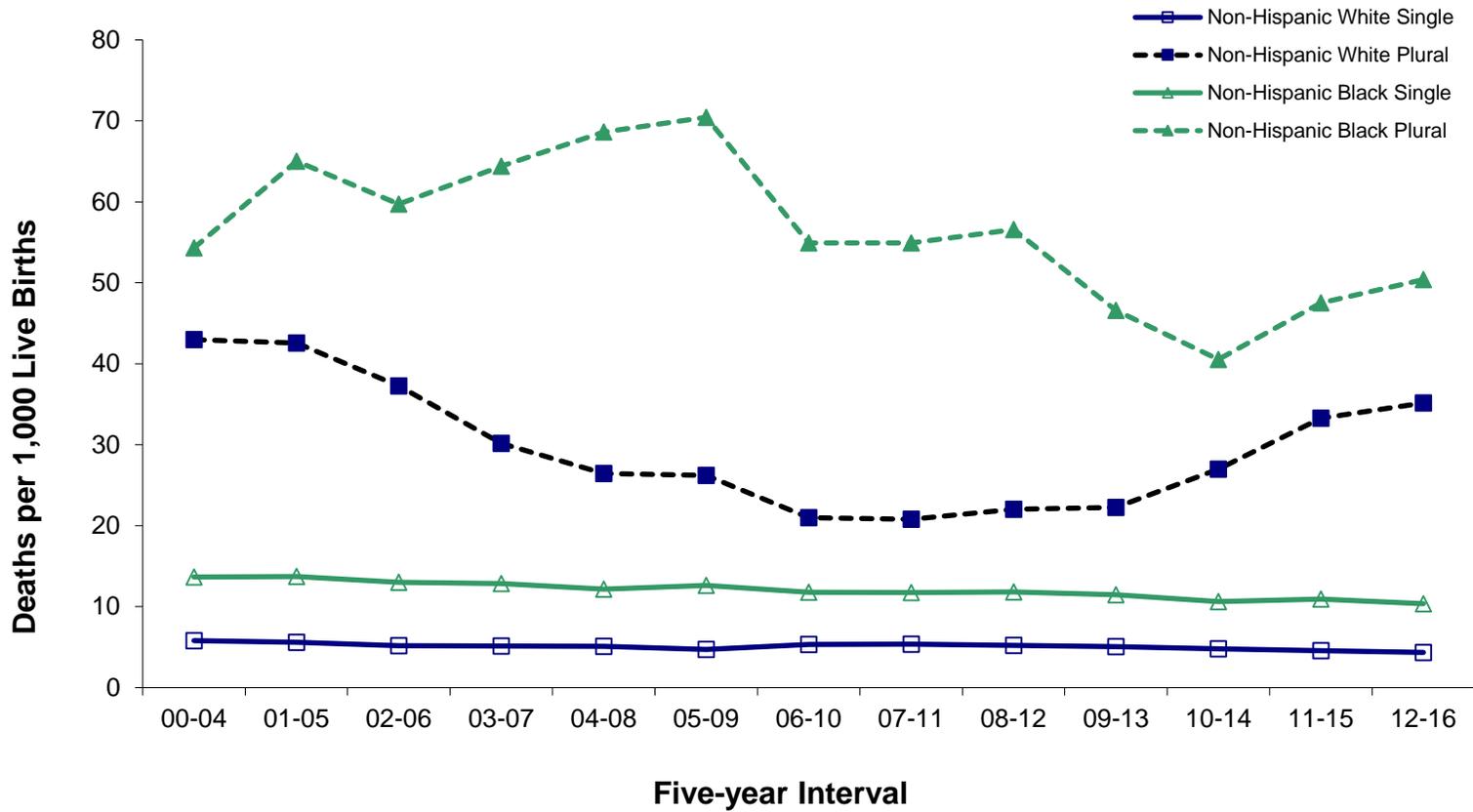
Parameter/ Race	2000 -2004	2001 -2005	2002 -2006	2003 -2007	2004 -2008	2005 -2009	2006 -2010	2007 -2011	2008 -2012	2009 -2013	2010 -2014	2011 -2015	2012 -2016
EDUCATION													
HS Grad or less													
All Races	11.4	11.1	10.7	10.8	10.1	10.0	10.0	10.0	9.5	9.5	8.8	9.3	8.9
Non-Hispanic White	9.8	9.3	8.9	8.8	8.5	8.1	8.6	8.3	7.8	7.7	7.2	7.8	7.5
Non-Hispanic Black	17.1	17.4	16.6	16.4	15.3	15.4	14.8	15.0	15.3	15.1	13.7	14.2	13.3
1+ yrs college													
All Races	6.0	6.3	5.8	5.4	5.6	5.9	5.6	5.8	6.2	5.7	5.7	5.9	5.7
Non-Hispanic White	5.1	5.1	4.3	4.0	4.0	3.8	4.1	4.5	4.7	4.4	4.5	4.3	4.1
Non-Hispanic Black	11.1	12.1	11.2	11.1	11.5	13.1	11.2	10.8	11.0	9.7	9.2	9.6	9.5
PAYMENT FOR DELIVERY													
Medicaid													
All Races	9.8	10.2	9.6	10.4	10.2	9.9	9.5	9.3	8.8	8.5	8.2	8.7	8.7
Non-Hispanic White	8.8	9.2	8.5	8.9	9.2	8.2	8.4	7.3	7.1	6.7	6.8	7.1	7.6
Non-Hispanic Black	13.8	14.8	13.9	14.5	14.1	14.0	12.9	13.5	13.5	13.0	12.2	12.6	11.8
Private Insurance													
All Races	7.8	7.6	7.4	6.7	6.4	6.6	6.4	6.4	6.6	6.4	6.2	6.2	5.9
Non-Hispanic White	6.0	5.6	5.3	4.7	4.5	4.3	4.6	5.1	4.9	4.9	4.6	4.5	4.0
Non-Hispanic Black	17.0	17.1	16.7	15.5	14.9	16.3	14.8	13.4	13.9	12.6	11.3	12.2	12.0

Notes:

1. See the Basic Definitions' section for definitions of birthweight, gestation, prenatal care attainment, and plurality.
2. "--" indicates rate does not meet standards of reliability or precision; based on fewer than 20 deaths in the numerator.
3. Primary source of payment for delivery not available prior to 1991.

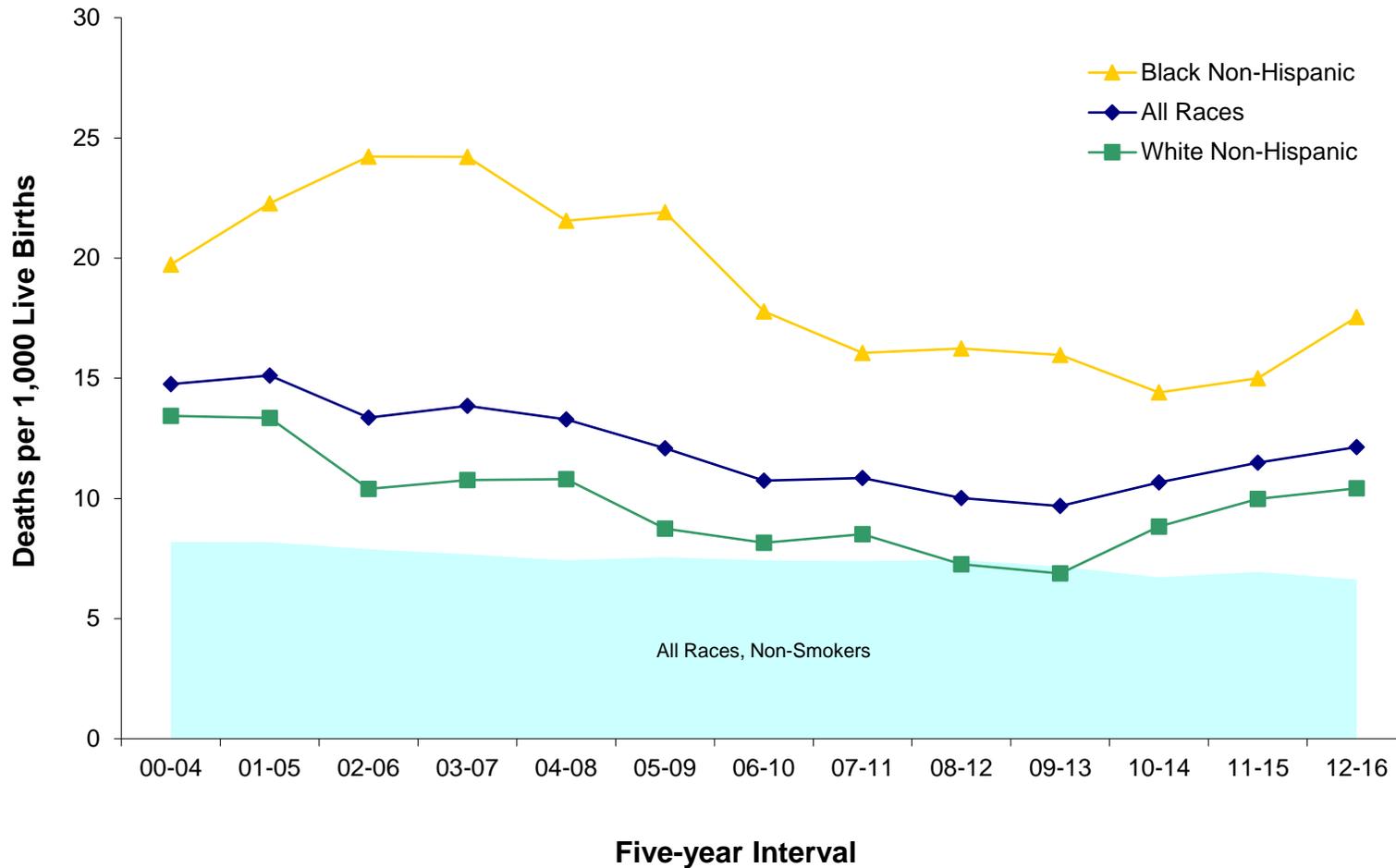
Source: Delaware Department of Health and Social Services, Division of Public Health, Delaware Health Statistics Center

Figure E-5. Five-year Average Infant Mortality Rates by Race and Plurality, Delaware, 2000-2016 Live Birth Cohort



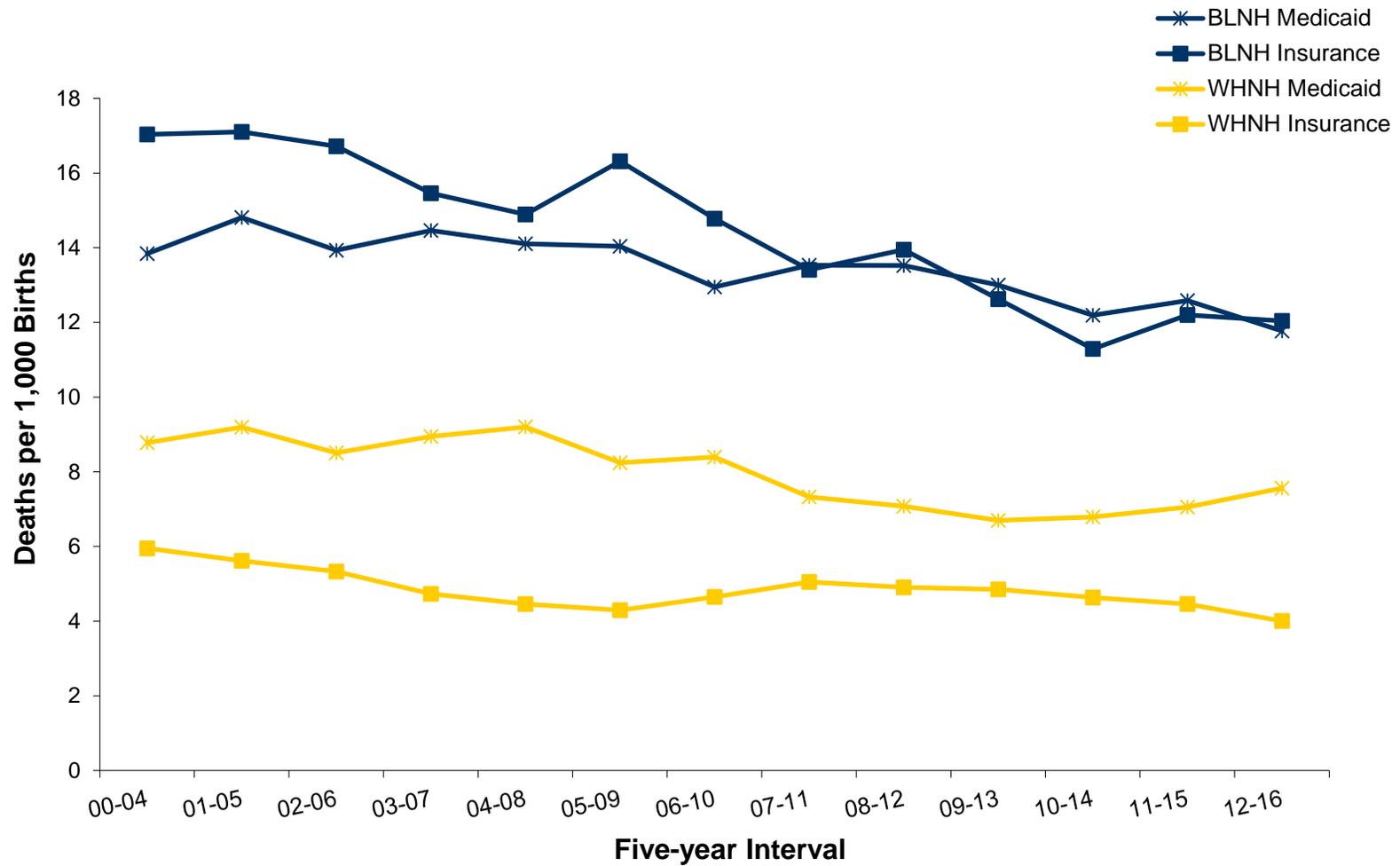
Source: Delaware Department of Health and Social Services, Division of Public Health, Delaware Health Statistics Center

Figure E-6. Five-year Average Infant Mortality Rates by Race of Mothers who Smoked during Pregnancy versus all Non-smoking Mothers, Delaware, 2000-2016 Live Birth Cohort



Source: Delaware Department of Health and Social Services, Division of Public Health, Delaware Health Statistics Center

Figure E-7. Five-year Average Infant Mortality Rates by Race and Source of Payment for Delivery, Delaware, 2000-2016 Live Birth Cohort



Source: Delaware Department of Health and Social Services, Division of Public Health, Delaware Health Statistics Center

TABLE E-10. NUMBER OF INFANT DEATHS BY PLURALITY, BIRTH WEIGHT IN GRAMS, RACE OF MOTHER, AND SEX OF CHILD, DELAWARE, 2012-2016, LIVE BIRTH COHORT

Plurality/ Birth Weight	Race and Sex											
	All Races			Non-Hispanic White			Non-Hispanic Black			Other Non-Hispanic		
	Both Sexes	Male	Female	Both Sexes	Male	Female	Both Sexes	Male	Female	Both Sexes	Male	Female
All Births	399	219	180	156	81	75	171	97	74	19	11	8
<2500	295	165	130	100	56	44	138	77	61	15	8	7
<1500	258	147	111	85	47	38	128	74	54	13	6	7
<500	133	73	60	35	19	16	77	42	35	8	3	5
500-999	106	67	39	39	23	16	46	31	15	4	2	2
1000-1499	19	7	12	11	5	6	5	1	4	1	1	0
1500-1999	13	7	6	5	3	2	3	1	2	1	1	0
2000-2499	24	11	13	10	6	4	7	2	5	1	1	0
2500+	103	54	49	55	25	30	33	20	13	4	3	1
2500-2999	39	20	19	22	10	12	9	4	5	2	2	0
3000-3499	35	16	19	15	5	10	15	10	5	2	1	1
3500-3999	17	9	8	9	4	5	6	3	3	0	0	0
4000-4499	11	8	3	8	5	3	3	3	0	0	0	0
4500+	1	1	0	1	1	0	0	0	0	0	0	0
Unknown	1	0	1	1	0	1	0	0	0	0	0	0
Single Births	326	179	147	124	65	59	145	81	64	17	9	8
<2500	228	127	101	73	42	31	113	61	52	13	6	7
<1500	195	112	83	60	35	25	104	59	45	11	4	7
<500	98	52	46	24	14	10	60	31	29	7	2	5
500-999	82	55	27	28	17	11	39	27	12	4	2	2
1000-1499	15	5	10	8	4	4	5	1	4	0	0	0
1500-1999	10	5	5	4	2	2	2	0	2	1	1	0
2000-2499	23	10	13	9	5	4	7	2	5	1	1	0
2500+	97	52	45	50	23	27	32	20	12	4	3	1
2500-2999	38	20	18	22	10	12	8	4	4	2	2	0
3000-3499	32	15	17	12	4	8	15	10	5	2	1	1
3500-3999	15	8	7	7	3	4	6	3	3	0	0	0
4000-4499	11	8	3	8	5	3	3	3	0	0	0	0
4500+	1	1	0	1	1	0	0	0	0	0	0	0
Unknown	1	0	1	1	0	1	0	0	0	0	0	0
Plural Births	73	40	33	32	16	16	26	16	10	2	2	0
<2500	67	38	29	27	14	13	25	16	9	2	2	0
<1500	63	35	28	25	12	13	24	15	9	2	2	0
<500	35	21	14	11	5	6	17	11	6	1	1	0
500-999	24	12	12	11	6	5	7	4	3	0	0	0
1000-1499	4	2	2	3	1	2	0	0	0	1	1	0
1500-1999	3	2	1	1	1	0	1	1	0	0	0	0
2000-2499	1	1	0	1	1	0	0	0	0	0	0	0
2500+	6	2	4	5	2	3	1	0	1	0	0	0
2500-2999	1	0	1	0	0	0	1	0	1	0	0	0
3000-3499	3	1	2	3	1	2	0	0	0	0	0	0
3500-3999	2	1	1	2	1	1	0	0	0	0	0	0
4000-4499	0	0	0	0	0	0	0	0	0	0	0	0
4500+	0	0	0	0	0	0	0	0	0	0	0	0
Unknown	0	0	0	0	0	0	0	0	0	0	0	0

Note:
Infant deaths refer to deaths of children under one year of age.

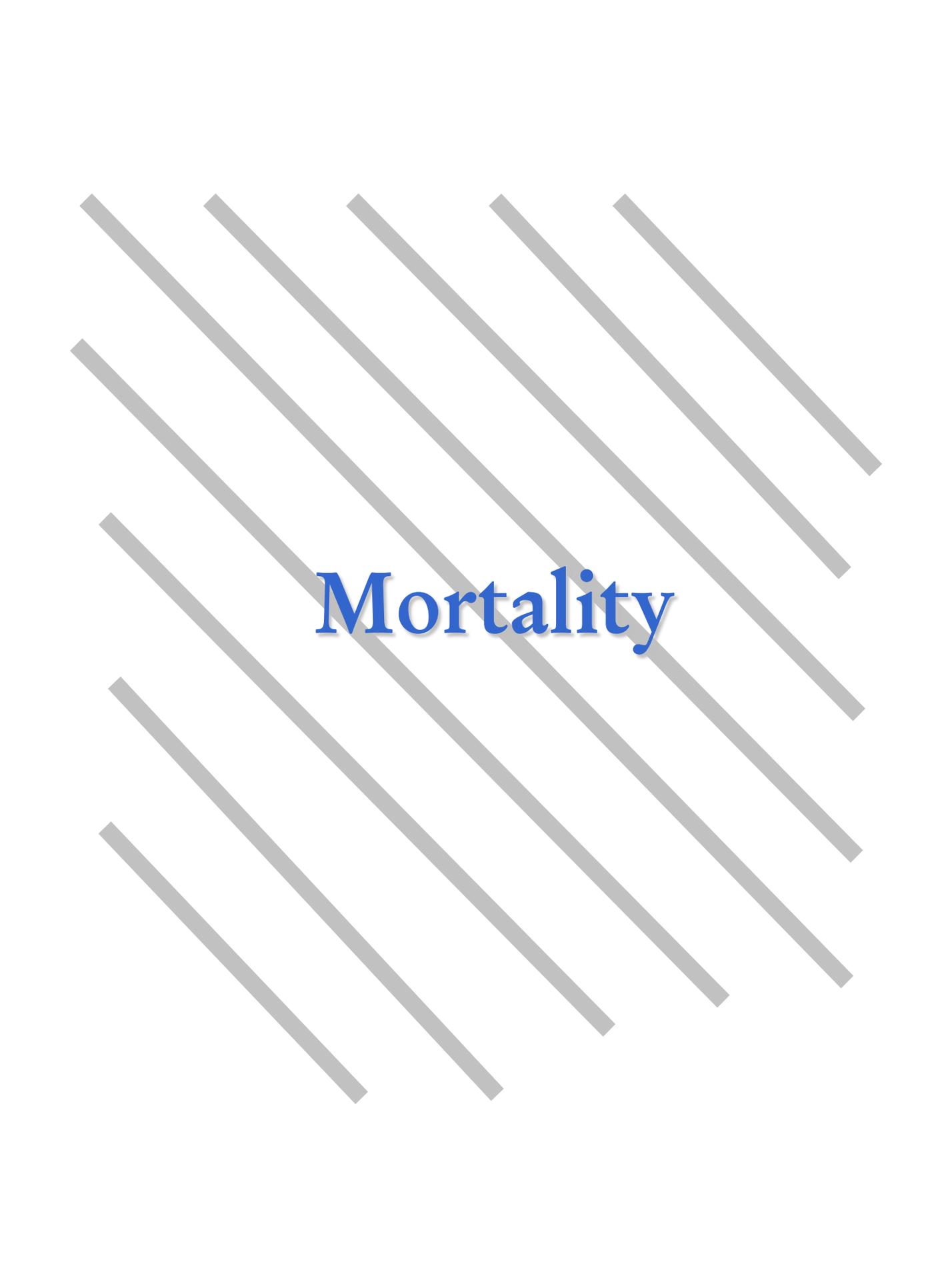
Source: Delaware Department of Health and Social Services, Division of Public Health, Delaware Health Statistics Center

TABLE E-11. NUMBER OF NEONATAL DEATHS BY PLURALITY, BIRTH WEIGHT IN GRAMS, RACE OF MOTHER, AND SEX OF CHILD, DELAWARE, 2012-2016 LIVE BIRTH COHORT

Plurality/ Birth Weight	Race and Sex										
	All Races			Non-Hispanic White			Non-Hispanic Black			Non-Hispanic Other	
	Both Sexes	Male	Female	Both Sexes	Male	Female	Both Sexes	Male	Female	Both Sexes	Male
All Births	399	219	180	103	58	45	135	79	56	17	9
<2500	295	165	130	84	45	39	124	72	52	14	7
<1500	258	147	111	78	42	36	120	72	48	12	5
<500	133	73	60	35	19	16	77	42	35	8	3
500-999	106	67	39	33	19	14	40	29	11	3	1
1000-1499	19	7	12	10	4	6	3	1	2	1	1
1500-1999	13	7	6	0	0	0	1	0	1	1	1
2000-2499	24	11	13	6	3	3	3	0	3	1	1
2500+	33	22	11	19	13	6	11	7	4	3	2
2500-2999	39	20	19	9	6	3	1	1	0	2	2
3000-3499	35	16	19	3	3	0	7	4	3	1	0
3500-3999	17	9	8	2	2	0	2	1	1	0	0
4000-4499	11	8	3	4	1	3	1	1	0	0	0
4500+	1	1	0	1	1	0	0	0	0	0	0
Unknown	1	0	1	0	0	0	0	0	0	0	0
Single Births	326	179	147	78	45	33	113	64	49	15	7
<2500	228	127	101	60	33	27	102	57	45	12	5
<1500	195	112	83	55	31	24	98	57	41	10	3
<500	98	52	46	24	14	10	60	31	29	7	2
500-999	82	55	27	23	13	10	35	25	10	3	1
1000-1499	15	5	10	8	4	4	3	1	2	0	0
1500-1999	10	5	5	0	0	0	1	0	1	1	1
2000-2499	23	10	13	5	2	3	3	0	3	1	1
2500+	97	52	45	18	12	6	11	7	4	3	2
2500-2999	38	20	18	9	6	3	1	1	0	2	2
3000-3499	32	15	17	2	2	0	7	4	3	1	0
3500-3999	15	8	7	2	2	0	2	1	1	0	0
4000-4499	11	8	3	4	1	3	1	1	0	0	0
4500+	1	1	0	1	1	0	0	0	0	0	0
Unknown	1	0	1	0	0	0	0	0	0	0	0
Plural Births	73	40	33	25	13	12	22	15	7	2	2
<2500	67	38	29	24	12	12	22	15	7	2	2
<1500	63	35	28	23	11	12	22	15	7	2	2
<500	35	21	14	11	5	6	17	11	6	1	1
500-999	24	12	12	10	6	4	5	4	1	0	0
1000-1499	4	2	2	2	0	2	0	0	0	1	1
1500-1999	3	2	1	0	0	0	0	0	0	0	0
2000-2499	1	1	0	1	1	0	0	0	0	0	0
2500+	6	2	4	1	1	0	0	0	0	0	0
2500-2999	1	0	1	0	0	0	0	0	0	0	0
3000-3499	3	1	2	1	1	0	0	0	0	0	0
3500-3999	2	1	1	0	0	0	0	0	0	0	0
4000-4499	0	0	0	0	0	0	0	0	0	0	0
4500+	0	0	0	0	0	0	0	0	0	0	0
Unknown	0	0	0	0	0	0	0	0	0	0	0

Note:
Neonatal deaths refer to deaths of children under 28 days of age.

Source: Delaware Department of Health and Social Services, Division of Public Health, Delaware Health Statistics Center

The background of the slide features a pattern of approximately 15 parallel, diagonal grey lines. These lines are evenly spaced and run from the top-left towards the bottom-right, creating a textured, grid-like effect behind the central text.

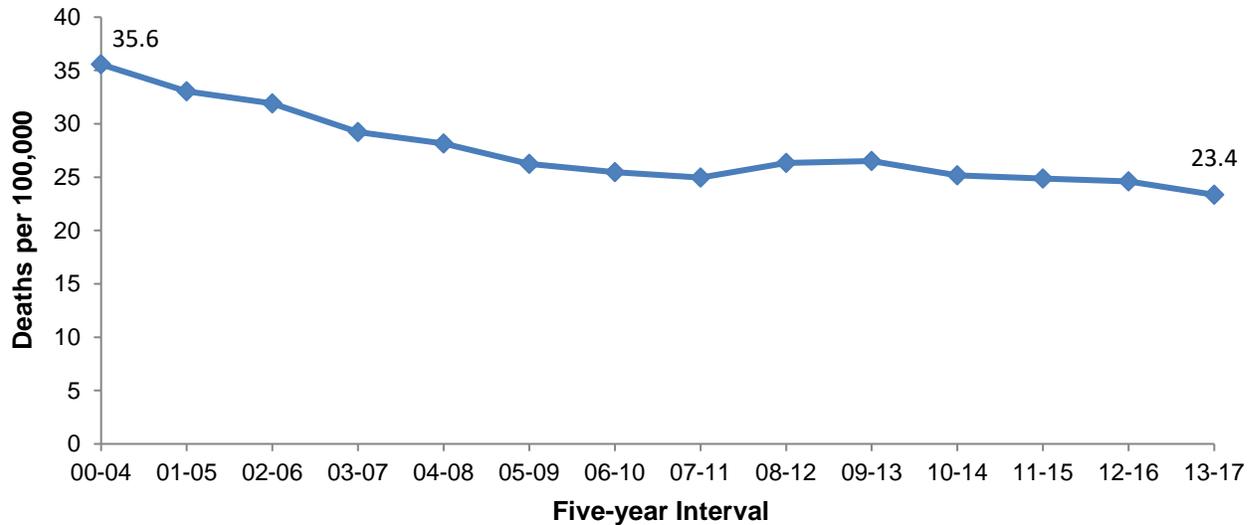
Mortality

CHILD MORTALITY

For 2013-2017, 261 children and adolescents between the ages of 1 and 19 died in Delaware, representing 0.6 percent of the total deaths that occurred during that time. Males accounted for 69 percent of all child deaths in 2013-2017.

Mortality rates for children ages 1 to 19 have been on a downward trend since 2000-2004, which had the highest rate of 35.6. By 2013-2017, the rate decreased 34 percent to 23.4 child deaths (ages 1-19) per 100,000 population.

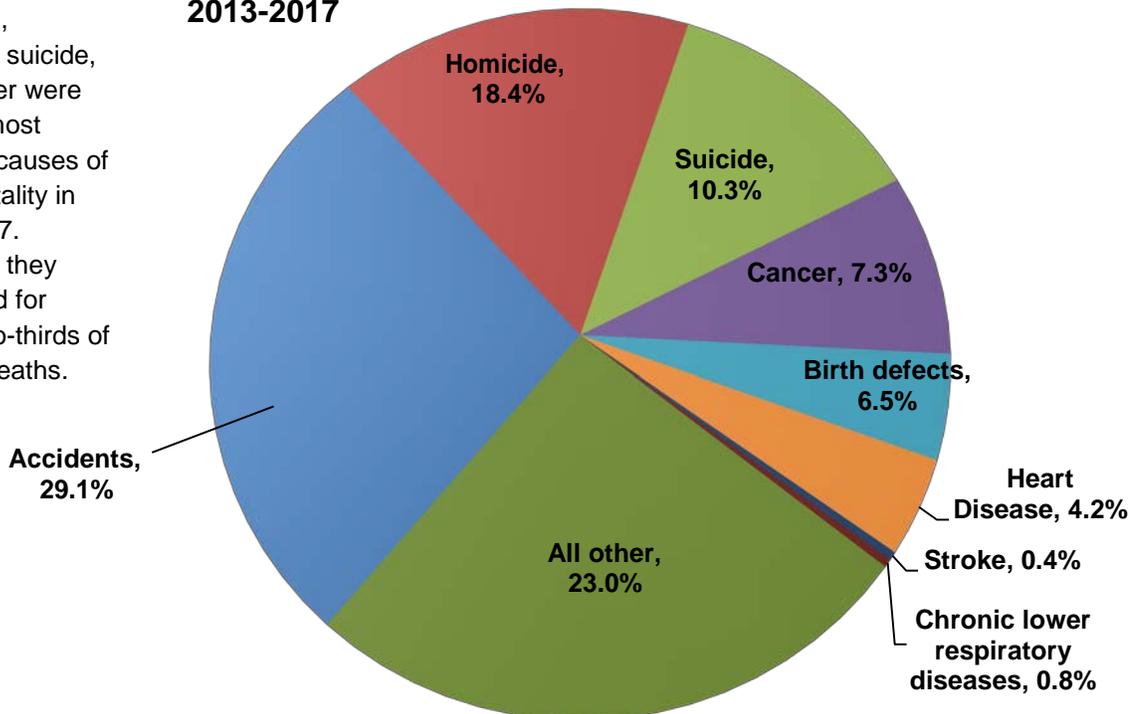
Figure 43. Five-year Average Child (1-19) Mortality Rates, Delaware, 2000-2017



Source: Delaware Department of Health and Social Services, Division of Public Health, Delaware Health Statistics Center

Figure 44. Leading Causes of Child Mortality, Delaware, 2013-2017

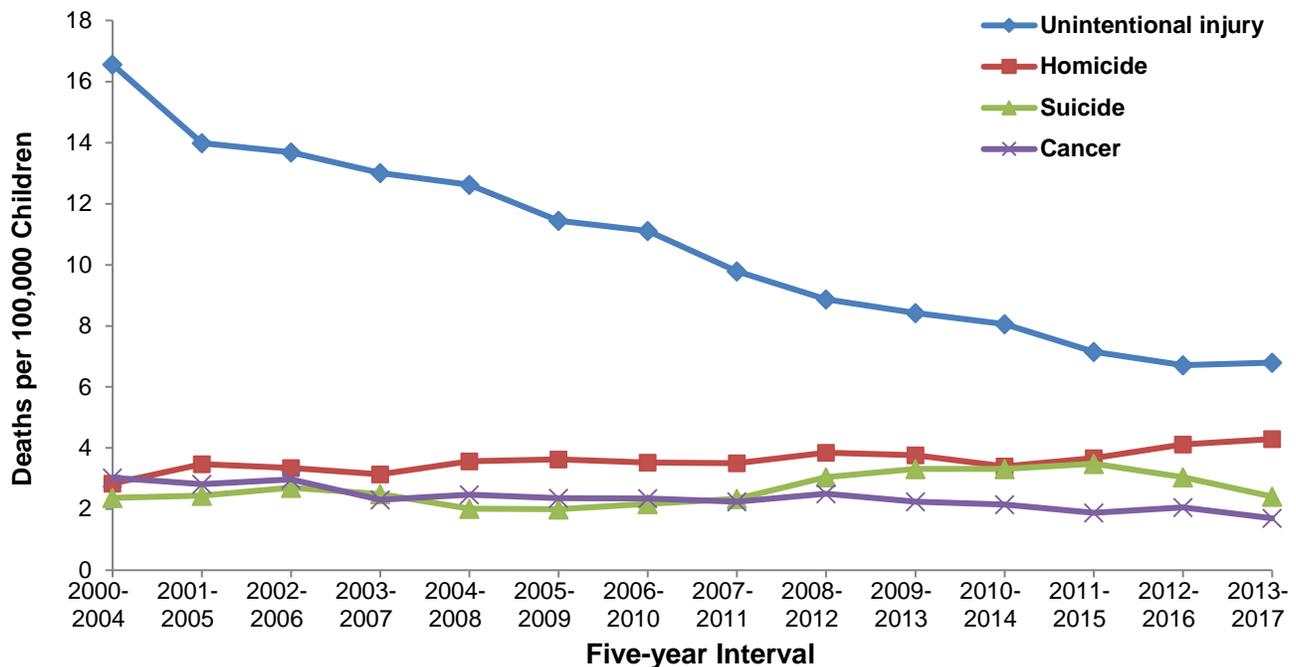
Accidents, homicide, suicide, and cancer were the four most common causes of child mortality in 2013-2017. Together, they accounted for nearly two-thirds of all child deaths.



Source: Delaware Department of Health and Social Services, Division of Public Health, Delaware Health Statistics Center

From 2000-2004 to 2013-2017, rates for two of the four leading causes of mortality in children ages 1-19 declined. Unintentional injury mortality rates declined 59 percent (16.6 to 6.8 deaths per 100,000 children); cancer mortality rates fell 43 percent (2.8 to 1.7 deaths per 100,000 children). Homicide mortality rates increased by 54 percent from 2000-2004 to 2013-2017 (3.0 to 4.3 deaths per 100,000 children), while suicide mortality rates remained 2.4 deaths per 100,000 children.

Figure 45. Five-year Average Child (1-19) Mortality Rates, Delaware, 2000-2017



Source: Delaware Department of Health and Social Services, Division of Public Health, Delaware Health Statistics Center

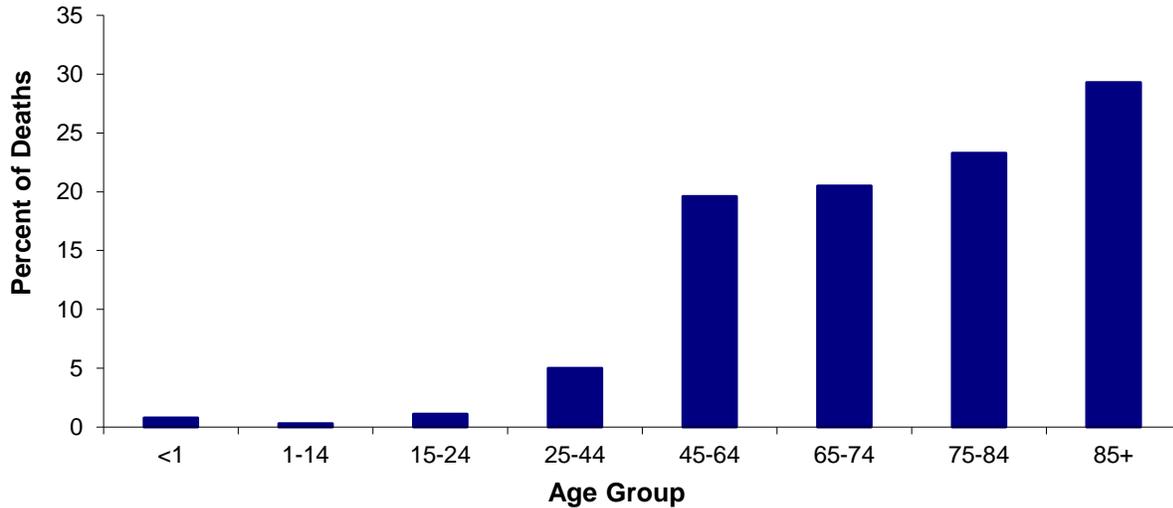
The most common causes of child deaths in 2013-2017 are:

- Motor vehicle crashes accounted for 54 percent of all deaths due to unintentional injuries. The second and third most common causes of unintentional injury deaths of children were poisoning and drowning, which accounted for 21 and 12 percent of deaths, respectively.
- Most child homicides were due to firearms (77 percent) and suffocation (4.2 percent).
- The majority of child cancer deaths were due to brain cancer (37 percent) and leukemia (16 percent).
- Suffocation, followed by firearms, were the most common methods of suicide, and accounted for 44 and 30 percent of the total suicide deaths.

More Delaware residents died in 2017 than in 2016. A total of 9173 residents died, 72 of whom were infants under the age of 1. Deaths were split almost equally between males and females. Cancer and heart disease were the most common causes of death, accounting for 44 percent of all deaths in 2017.

- Twenty-nine percent of the Delawareans who died in 2017 were 85 or older. Deaths of those 75 and older accounted for more than half of all deaths.

Figure 46. Percentage of Deaths by Age, Delaware, 2017



Source: Delaware Department of Health and Social Services, Division of Public Health, Delaware Health Statistics Center

- A Delaware resident born in 2017 could expect to live an average of 78.5 years.
- In 2017, life expectancy at birth varied by race and sex; non-Hispanic white females had the highest life expectancy (81.3) while non-Hispanic black males had the lowest (72.1).
- In 1989, 80 percent of Delaware decedents were buried and 15 percent were cremated. By 2017, the distribution had shifted: 42.5 percent of decedents were buried and 52.5 percent were cremated.
- In 2017, cancer was the leading cause of death in Delaware. Heart disease, accidents, strokes and chronic lower respiratory disease make up the remaining top five, while diabetes is the eighth leading cause of death.

Figure 47. Number of Deaths by Leading Cause Delaware, 2017

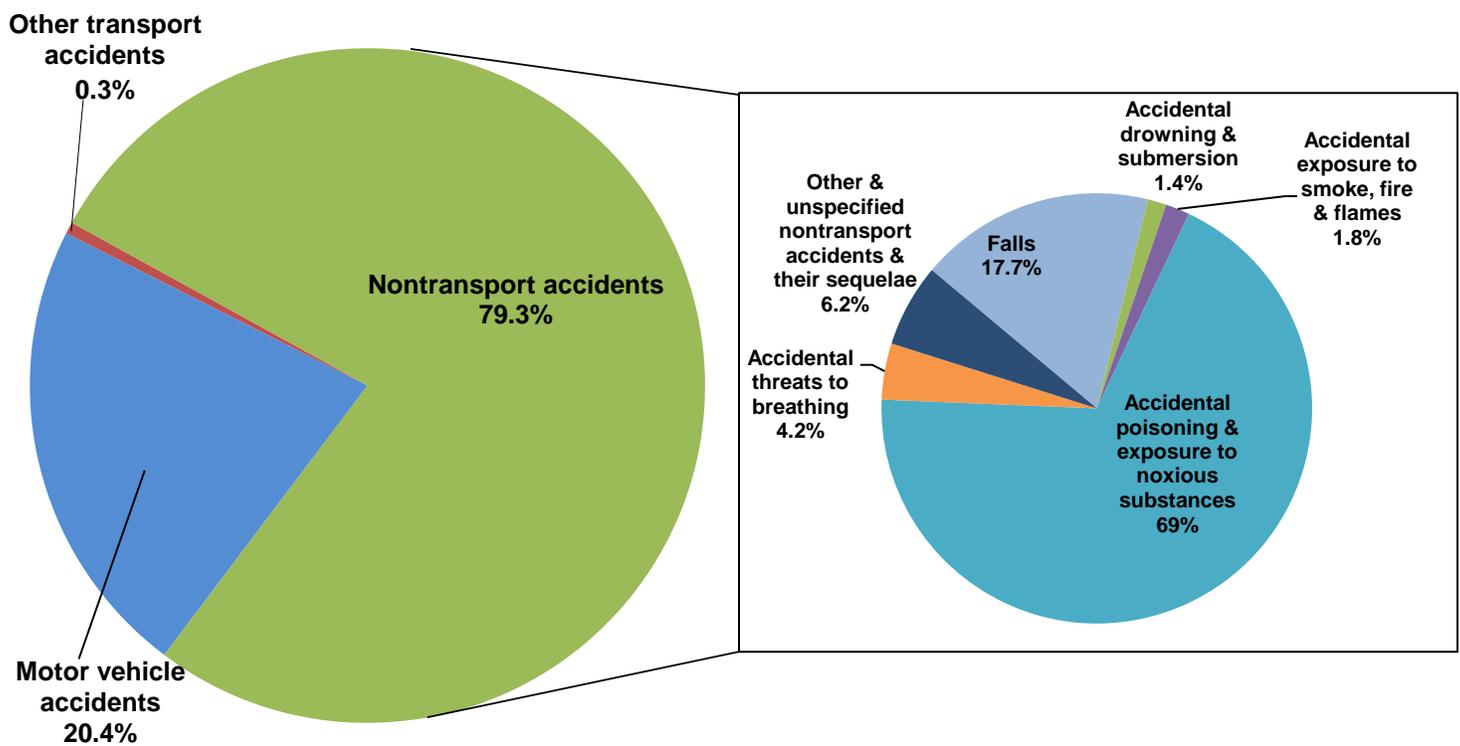
Rank	Leading Cause of Death	Number
1	Malignant neoplasms	2,085
2	Diseases of heart	1,979
3	Accidents (unintentional injuries)	627
4	Cerebrovascular diseases	569
5	Chronic lower respiratory diseases	524
6	Dementia	410
7	Alzheimer's disease	376
8	Diabetes mellitus	245
9	Nephritis, nephrotic syndrome & nephrosis	206
10	Influenza & pneumonia	184

Source: Delaware Department of Health and Social Services, Division of Public Health, Delaware Health Statistics Center

MORTALITY

- Of the 627 deaths due to unintentional injury in 2017 (7 percent of all deaths), 20.4 percent were due to motor vehicle accidents and 79 percent were due to non-transport accidents. More than two thirds (69 percent) of the 497 non-transport accidents were caused by unintentional poisonings; the majority (96 percent) of unintentional poisonings were drug-induced poisonings.
- For the ninth year, unintentional poisonings surpassed motor vehicle injuries and became the leading cause of unintentional injury death in 2017.
 - Poisonings caused the most unintentional injuries for non-Hispanic white and non-Hispanic black decedents regardless of gender. The second highest unintentional injuries were motor vehicle traffic accidents for males both non-Hispanic black and non-Hispanic white and non-Hispanic black females. Falls were the second highest unintentional injuries for non-Hispanic white females.
- In 2013-2017, accidents were the number one cause of deaths for people 1-44 years of age, and they were responsible for 45 percent of all deaths of people 15-24 years of age. For decedents ages 15-24, accidents, homicides, and suicides were the three most frequent causes of death and accounted for more than three-quarters of total deaths.

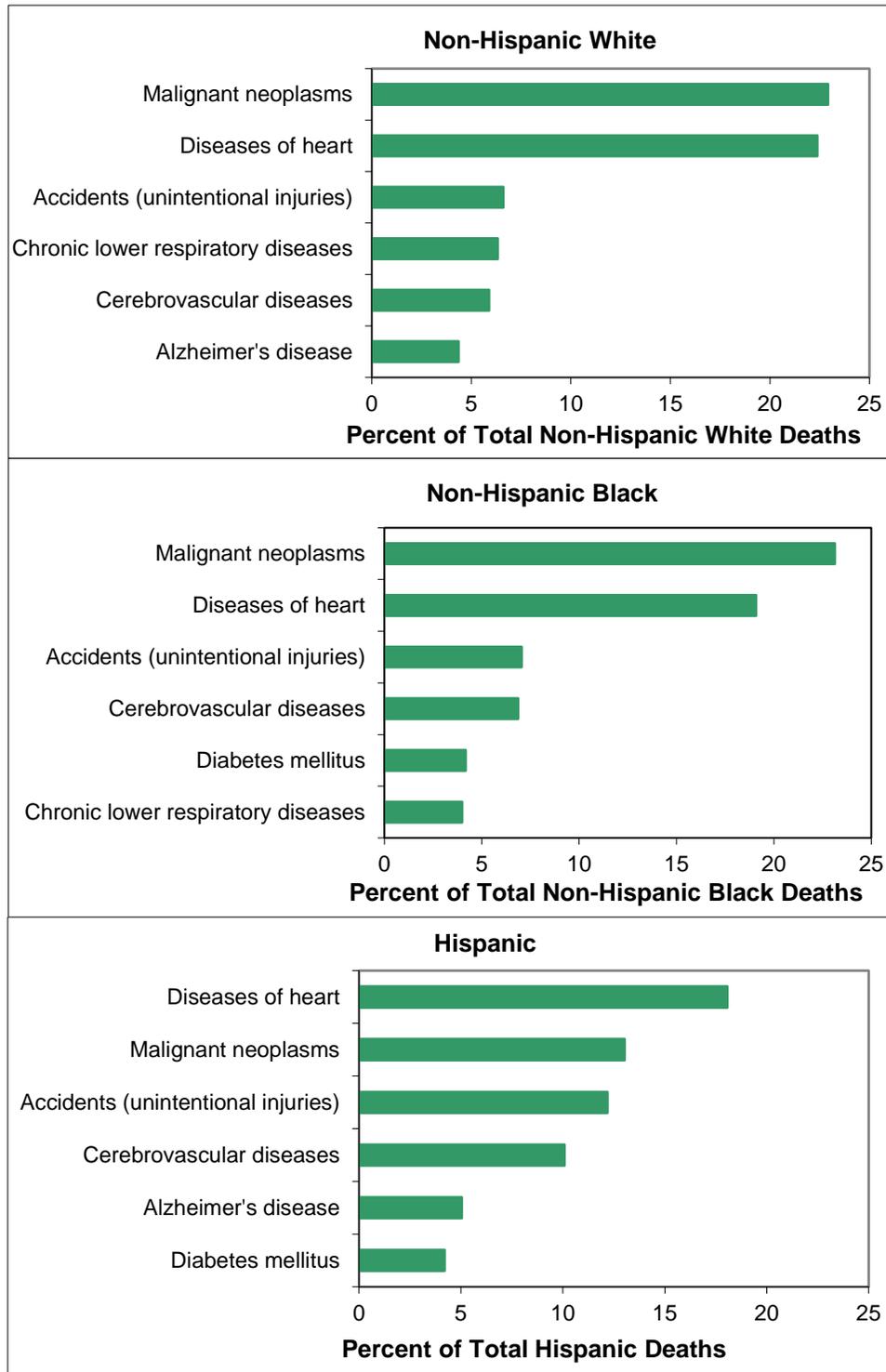
Figure 48. Accidental Causes of Death by Specific Cause of Injury, Delaware, 2017



*Note: Classification of causes of death are specified in the Technical Notes and Appendices section of the report.
Source: Delaware Department of Health and Social Services, Division of Public Health, Delaware Health Statistics Center*

The leading causes of death varied by race and ethnicity. In 2017, the most common causes of death for non-Hispanic white, non-Hispanic black, and Hispanic Delawareans were:

Figure 49. Leading Causes of Death by Race and Ethnicity, Delaware, 2017

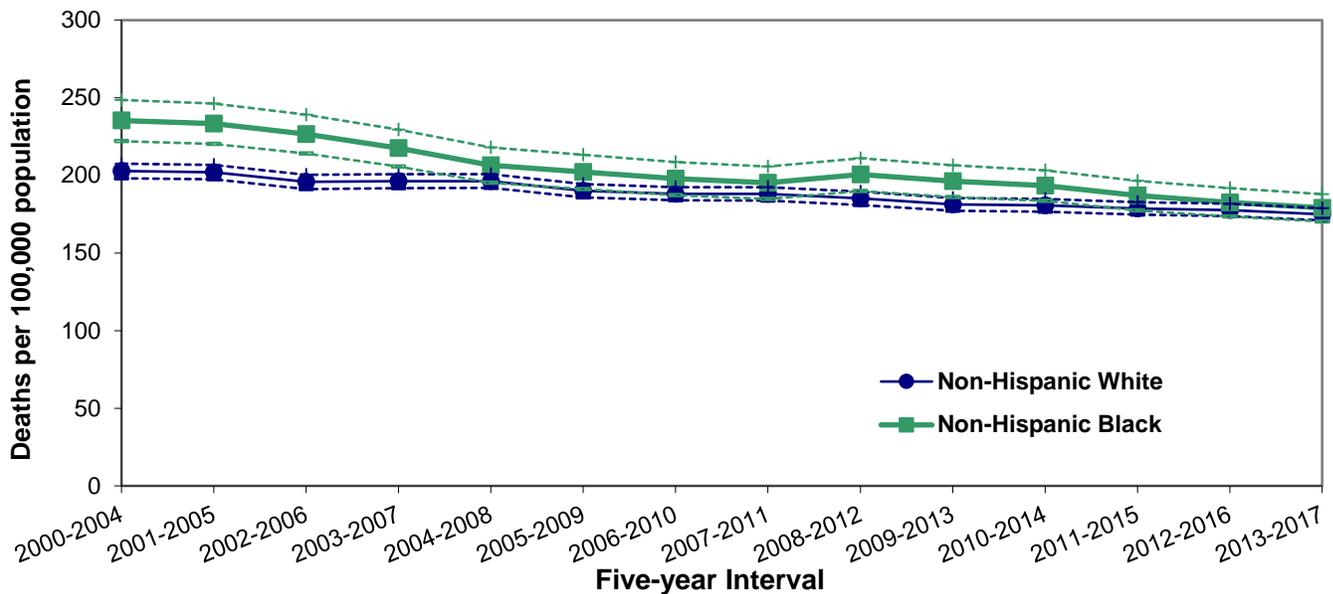


Source: Delaware Department of Health and Social Services, Division of Public Health, Delaware Health Statistics Center

Cancer mortality rates decreased in all three counties since the 2000-2004 time period. In 2013-2017, the five-year age-adjusted cancer mortality rate was 161.1 deaths per 100,000 population in Sussex County, 165.0 deaths per 100,000 population in New Castle County, and 207.7 deaths per 100,000 population in Kent County. The cancer mortality rate in Wilmington exceeded that of Sussex County at 181.9 deaths per 100,000 population.

Cancer mortality rates for non-Hispanic black and non-Hispanic white decedents followed the same declining trend. The disparity between the two has declined and become minimal. In 2013-2017, the non-Hispanic black cancer mortality rate of 179.1 deaths per 100,000 population was not significantly different from the non-Hispanic white rate of 174.9 deaths per 100,000 population.

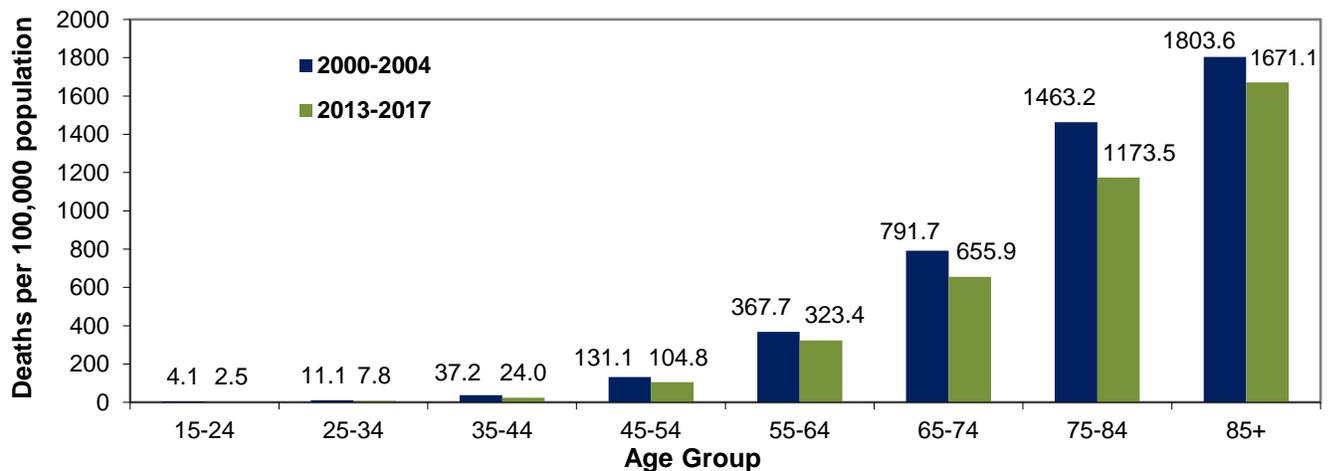
Figure 50. Five-year Age-Adjusted Cancer Mortality Rates by Race, Delaware, 2000-2017



Source: Delaware Department of Health and Social Services, Division of Public Health, Delaware Health Statistics Center
 Note: Dashes represent upper or lower confidence intervals

The same decreasing trend in the age-adjusted cancer mortality rates were reflected in the age-specific rates. Cancer mortality rates declined for all age groups between 2000-2004 and 2013-2017. The 15-24 and 35-44 age groups experienced the largest decreases; 39 and 35 percent decreases, respectively.

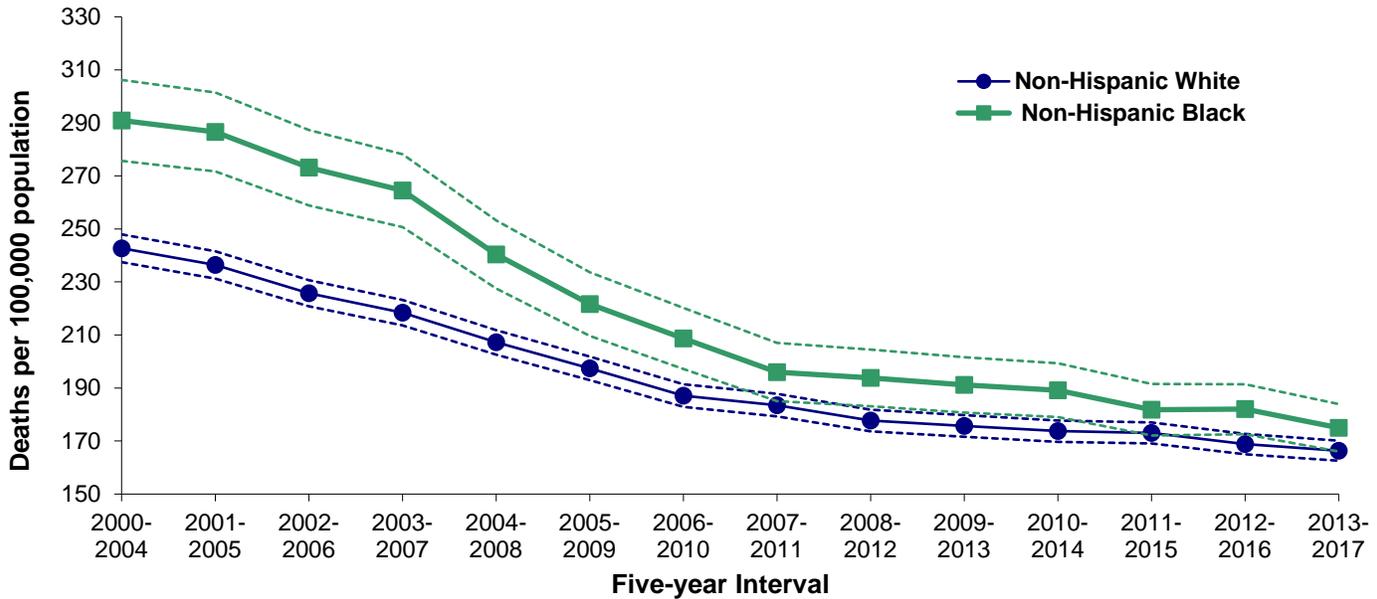
Figure 51. Five-year Average Age-Specific Cancer Mortality Rates, Delaware, 2000-2004 and 2013-2017



Source: Delaware Department of Health and Social Services, Division of Public Health, Delaware Health Statistics Center

Heart disease was the second most common cause of death for both non-Hispanic black and non-Hispanic white Delawareans in 2013-2017. Non-Hispanic black and white heart disease mortality rates have declined significantly since 2000-2004, with non-Hispanic black rates declining 40 percent and the non-Hispanic white rates declining 32 percent.

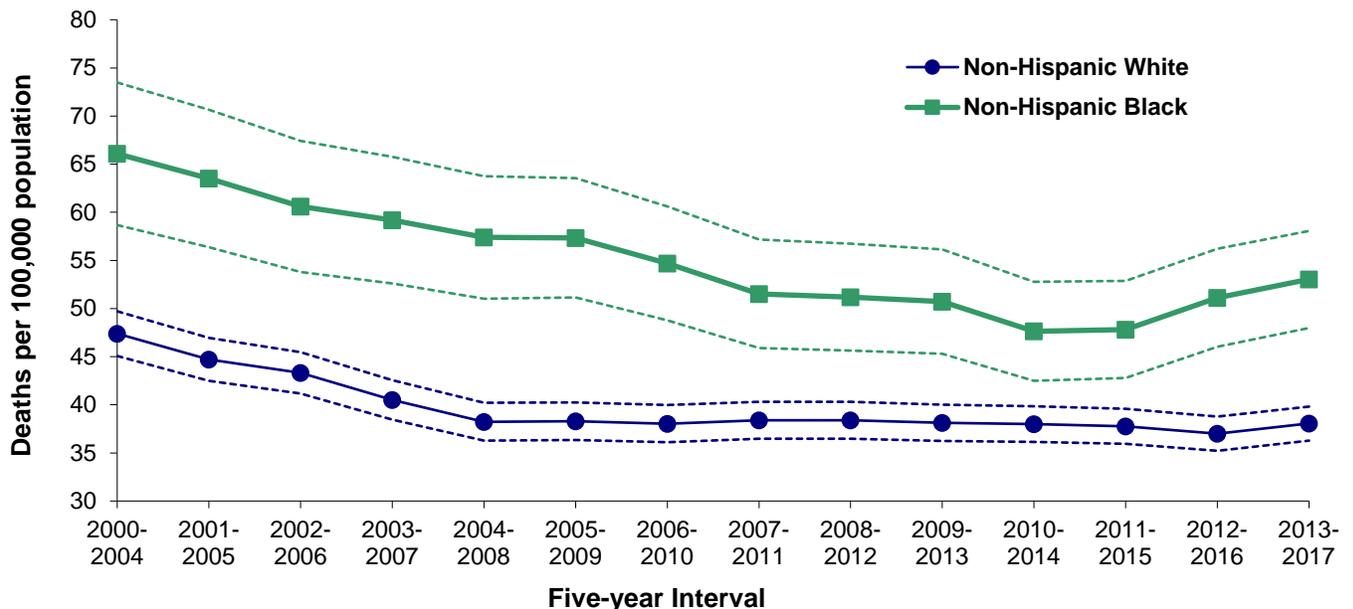
Figure 52. Five-year Age-Adjusted Heart Disease Mortality Rates by Race, Delaware, 2000-2017



Source: Delaware Department of Health and Social Services, Division of Public Health, Delaware Health Statistics Center
 Note: Dashes represent upper or lower confidence intervals

Both non-Hispanic black and non-Hispanic white stroke mortality rates decreased 20 percent from 2000-2004 to 2013-2017. In 2013-2017, the non-Hispanic black stroke mortality rate of 53.0 deaths per 100,000 population was 39 percent higher than the non-Hispanic white rate of 38 deaths per 100,000 population.

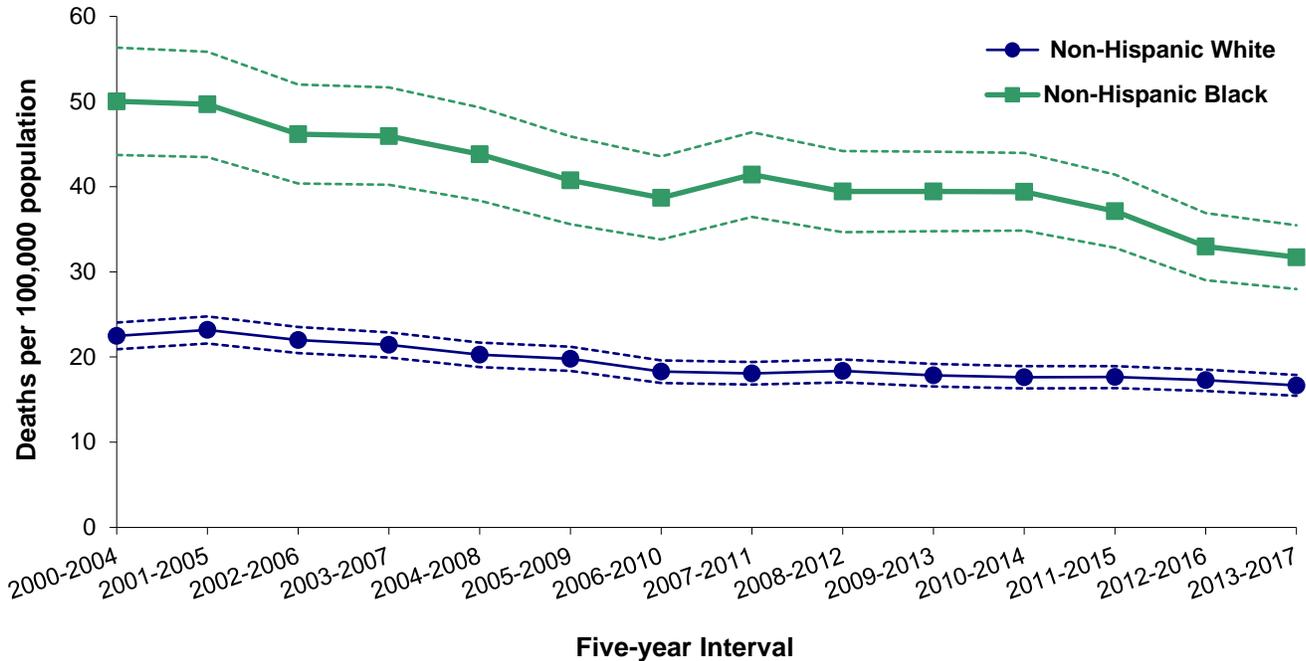
Figure 53. Five-year Age-Adjusted Stroke Mortality Rates by Race, Delaware, 2000-2017



Source: Delaware Department of Health and Social Services, Division of Public Health, Delaware Health Statistics Center
 Note: Dashes represent upper or lower confidence intervals

Although non-Hispanic black mortality rates for diabetes declined 37 percent since 2000-2004, their rates were nearly double that of non-Hispanic white rates in 2013-2017.

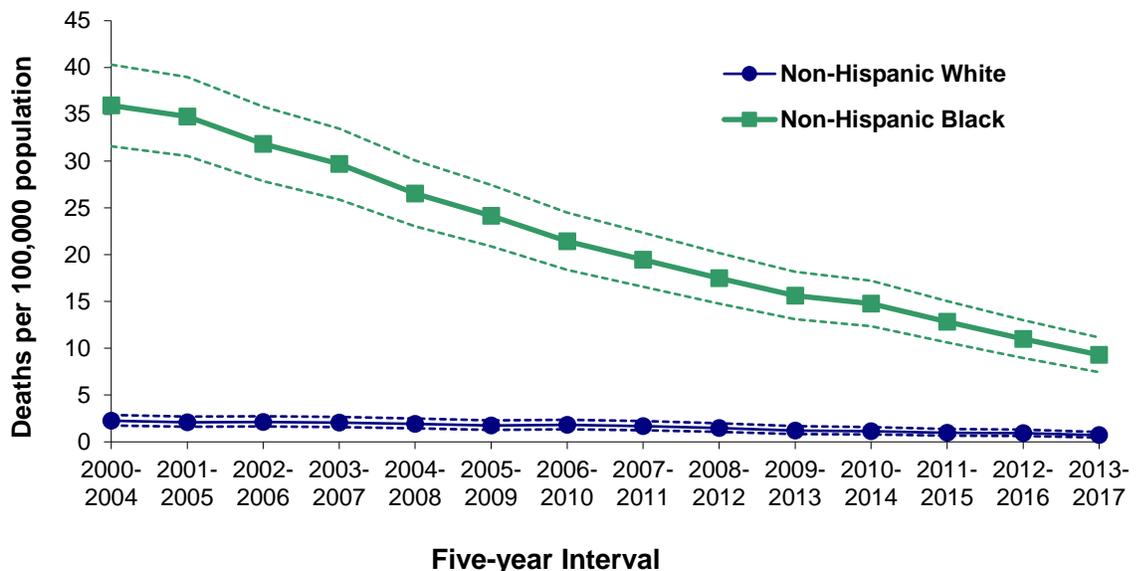
Figure 54. Five-year Age-Adjusted Diabetes Mortality Rates by Race, Delaware, 2000-2017



Source: Delaware Department of Health and Social Services, Division of Public Health, Delaware Health Statistics Center
 Note: Dashes represent upper or lower confidence intervals

HIV/AIDS mortality has disproportionately affected Delaware's non-Hispanic black population. Although non-Hispanic black HIV/AIDS mortality rates decreased 74 percent since 2000-2004, their 2013-2017 mortality rate of 9.3 deaths per 100,000 population was more than 13 times that of non-Hispanic whites. Non-Hispanic black residents made up only 22 percent of the total Delaware population in 2013-2017; however, non-Hispanic black decedents accounted for 69 percent of all deaths due to HIV/AIDS.

Figure 55. Five-year Age-Adjusted HIV/AIDS Mortality Rates by Race, Delaware, 2000-2017

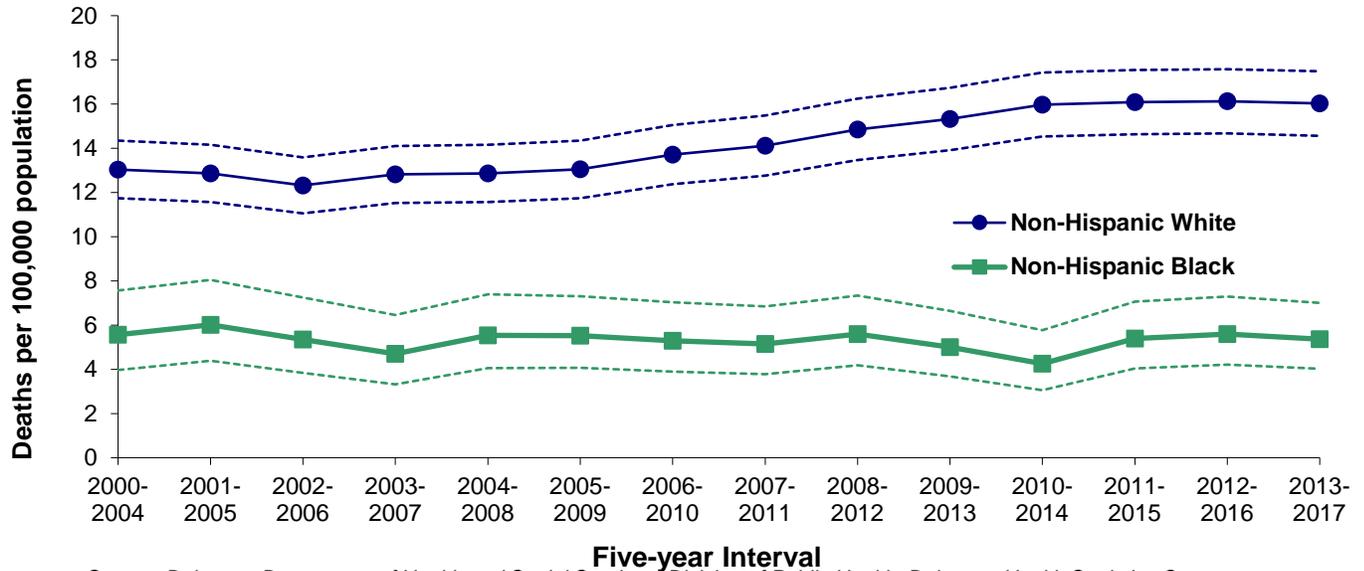


In 2013-2017, HIV was the twelfth leading cause of death for non-Hispanic black Delawareans; it ranked ninth for non-Hispanic black males and thirteenth for non-Hispanic black females.

Source: Delaware Department of Health and Social Services, Division of Public Health, Delaware Health Statistics Center
 Note: Dashes represent upper or lower confidence intervals

Suicide mortality trends for non-Hispanic white populations increased 23 percent between 2000-2004 and 2013-2017, with the non-Hispanic white rate (16 deaths per 100,000 population) triple the non-Hispanic black rate (5.4 deaths per 100,000 population).

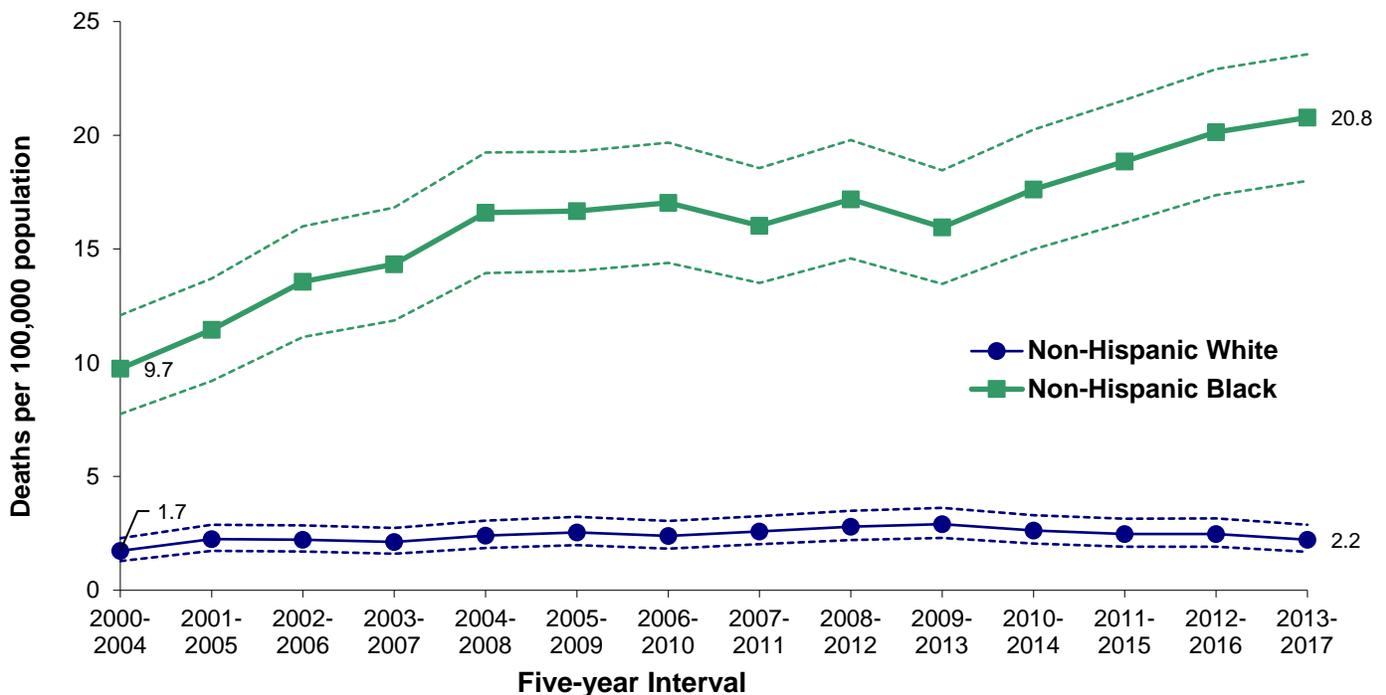
Figure 56. Five-year Age-Adjusted Suicide Mortality Rates by Race, Delaware, 2000-2017



Source: Delaware Department of Health and Social Services, Division of Public Health, Delaware Health Statistics Center
 Note: Dashes represent upper or lower confidence intervals

Homicide mortality rates increased 79 percent from 3.8 in 2000-2004 to 6.8 deaths per 100,000 population in 2013-2017. During the same period, the non-Hispanic black homicide rate increased 114 percent to 20.8 deaths per 100,000 population and the non-Hispanic white homicide mortality rate increased 29 percent to 2.2 deaths per 100,000 population.

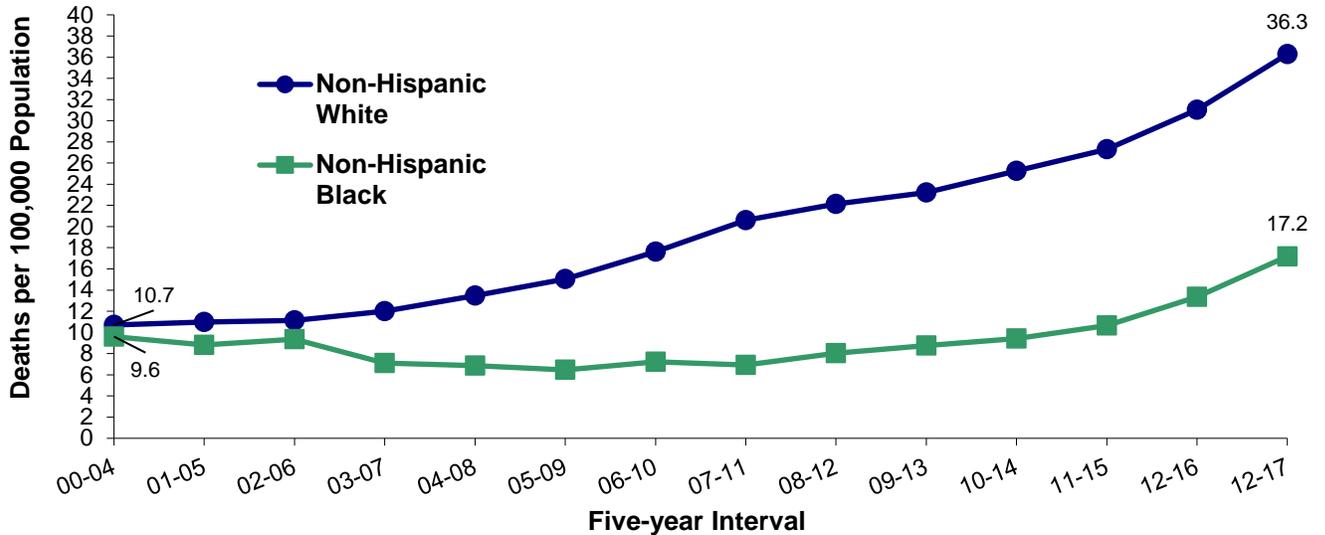
Figure 57. Five-year Age-Adjusted Homicide Mortality Rates by Race, Delaware, 2000-2017



Source: Delaware Department of Health and Social Services, Division of Public Health, Delaware Health Statistics Center

In 2000-2004, non-Hispanic white mortality rates for drug-induced deaths were ten percent higher than non-Hispanic black rates. In 2013-2017, the disparity between these rates increased significantly with non-Hispanic white rates more than twice the non-Hispanic black rates. Although the disparity exists between the races, both the non-Hispanic white and black mortality rates for drug-induced deaths increased since 2000-2004. From 2000-2004 to 2013-2017, non-Hispanic white rates increased 239 percent (10.7 to 36.3 deaths per 100,000 population) and non-Hispanic black rates increased 79 percent (9.6 to 17.2 deaths per 100,000 population).

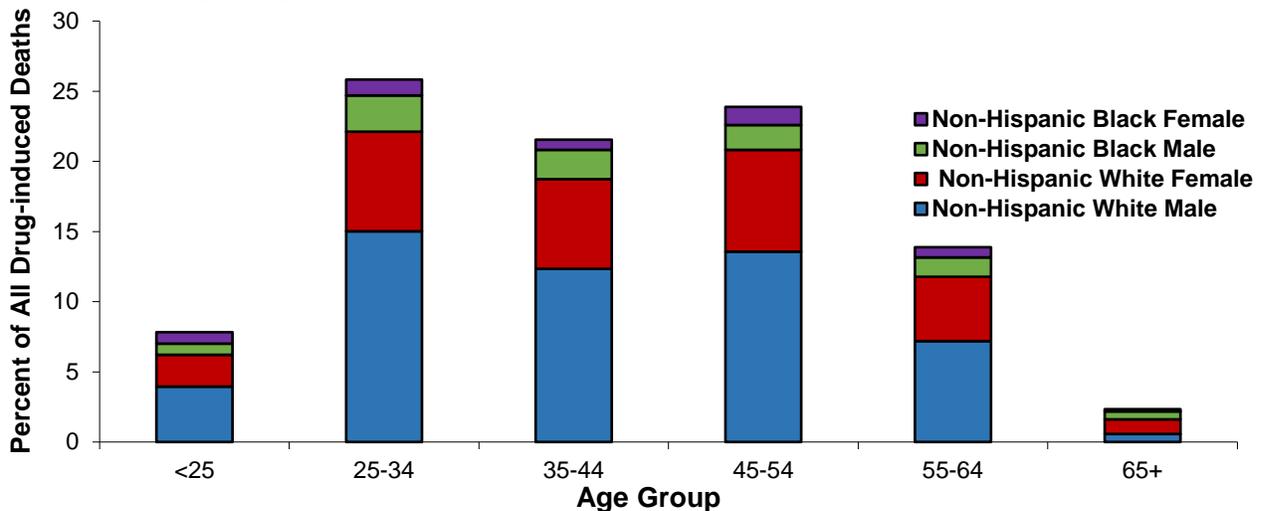
Figure 58. Five-year Age-adjusted Mortality Rates for Drug-induced Deaths by Race, Delaware, 2000-2017



Source: Delaware Department of Health and Social Services, Division of Public Health, Delaware Health Statistics Center

The non-Hispanic white population has a significantly higher percentage of drug-induced deaths than the non-Hispanic black population. In 2013-2017, 53 percent of all drug-induced deaths were non-Hispanic white males. Both non-Hispanic white males and females aged 25-34 and 45-54 had the highest percentages of drug-induced deaths accounting for 54 percent and 50 percent of the deaths, respectively. Non-Hispanic black decedents accounted for only 14 percent of drug induced deaths in 2013-2017.

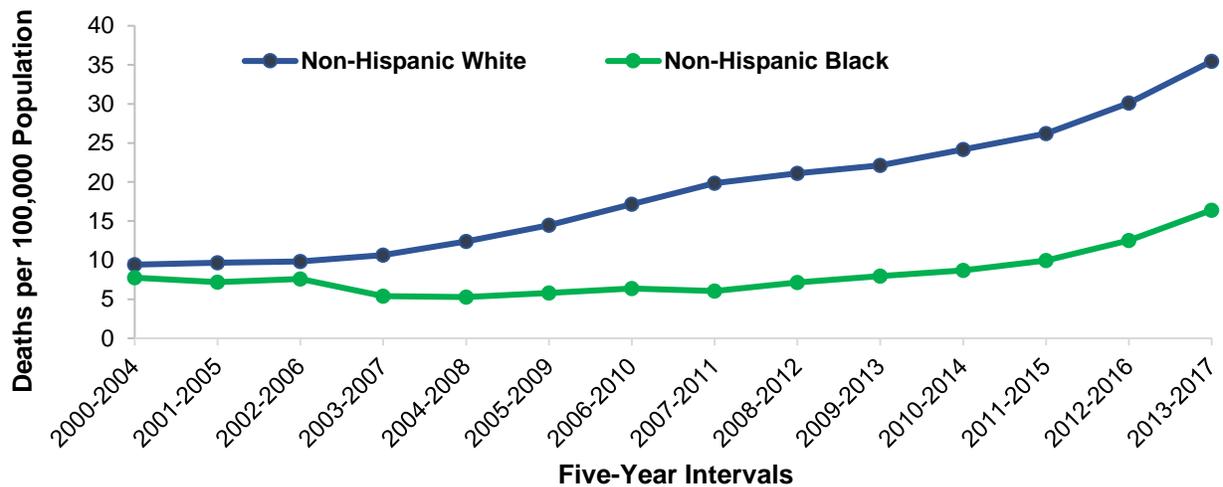
Figure 59. Distribution of Drug-induced Deaths by Race, Sex, and Age group, Delaware 2013-2017



Source: Delaware Health and Social Services, Division of Public Health, Delaware Health Statistics Center

In 2000-2004, the non-Hispanic white five-year age-adjusted mortality rate for drug overdose deaths of 9.4 was 21 percent higher than the non-Hispanic black rate of 7.8 deaths per 100,000 population. In 2013-2017, the five-year age-adjusted mortality rate for drug overdose deaths among non-Hispanic whites increased 278 percent to 35.5 deaths per 100,000 population, while the non-Hispanic black rate increased 110 percent to 16.4 deaths per 100,000 population.

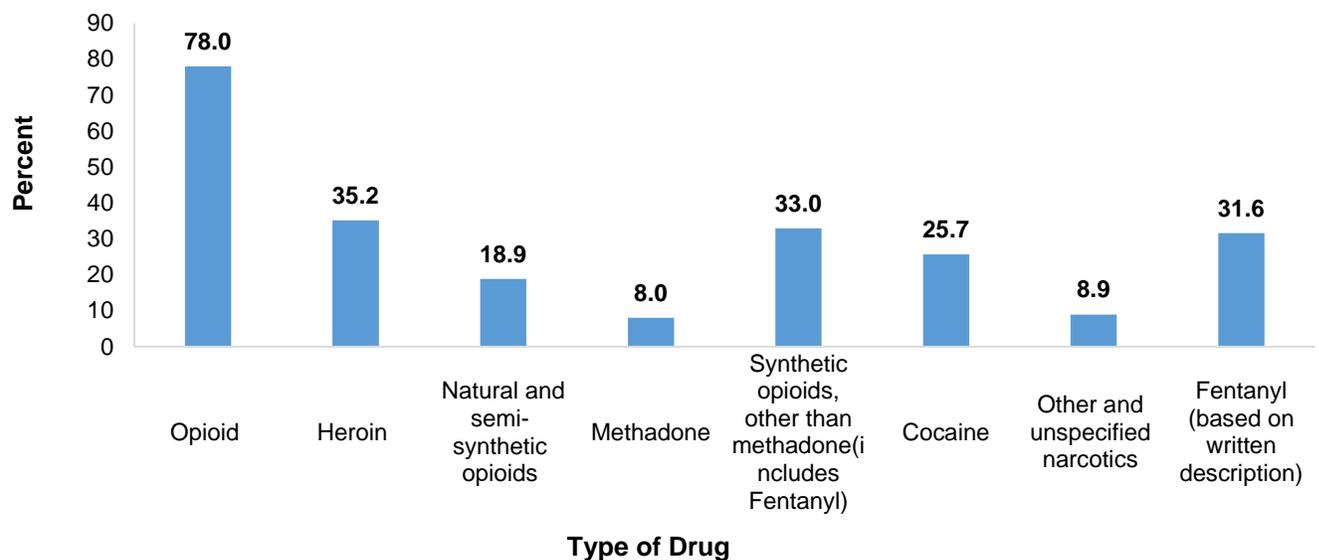
Figure 60. Five-Year Age-adjusted Mortality Rates for Drug - overdose Deaths by Race, Delaware, 2000-2017



Source: Delaware Health and Social Services, Division of Public Health, Delaware Health Statistics Center

In 2013-2017, 78 percent of drug overdose deaths were opioid related, 35 percent involved heroin, and 25.7 percent involved cocaine. In the same time period, methadone contributed to the least number of drug overdose deaths at 8 percent.

Figure 61. Percentage of Drug-overdose Deaths by Type of Drug, Delaware, 2013-2017



Source: Delaware Health and Social Services, Division of Public Health, Delaware Health Statistics Center

TABLE F-1. NUMBER OF DEATHS BY RACE, COUNTIES AND CITY OF WILMINGTON, U.S., DELAWARE, 2004-2017

Area/ Race	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017
U.S.														
All Races	292,805,298	295,516,599	298,379,912	301,231,207	304,093,966	306,771,529	309,338,421	311,644,280	313,993,272	316,234,505	318,622,525	321,039,839	323,405,935	325,719,178
Non-Hispanic White	198,619,903	198,880,984	199,200,396	199,492,421	199,783,797	199,993,079	200,214,745	200,396,490	200,637,934	200,775,144	200,974,408	201,105,052	201,184,893	201,240,793
Non-Hispanic Black	36,848,991	37,270,736	37,719,495	38,184,699	38,651,733	39,104,815	39,552,998	39,986,350	40,430,142	40,860,932	41,302,626	41,752,417	42,192,555	42,624,362
Other Non-Hispanic	15,835,029	16,341,265	16,853,716	17,357,234	17,864,651	18,346,146	69,570,678	71,261,440	72,925,196	74,598,429	76,345,491	78,182,370	80,028,487	81,854,023
Delaware														
All Races	7,124	7,424	7,144	7,246	7,602	7,498	7,667	7,816	7,873	7,967	8,252	8,580	8,872	9,173
Non-Hispanic White	5,747	6,016	5,741	5,826	6,140	5,971	6,178	6,307	6,230	6,365	6,467	6,798	6,986	7,095
Non-Hispanic Black	1,200	1,228	1,215	1,162	1,200	1,254	1,248	1,248	1,387	1,284	1,424	1,438	1,504	1,703
Other Non-Hispanic	56	59	62	80	73	109	102	117	108	118	127	127	113	137
Kent														
All Races	1,154	1,250	1,219	1,255	1,367	1,379	1,345	1,368	1,462	1,422	1,524	1,592	1,626	1,622
Non-Hispanic White	932	999	949	993	1,106	1,078	1,064	1,072	1,138	1,110	1,146	1,215	1,216	1,235
Non-Hispanic Black	193	223	231	213	215	259	229	237	272	246	298	301	321	325
Other Non-Hispanic	11	8	18	18	13	19	27	33	21	27	27	27	25	30
New Castle														
All Races	4,146	4,229	4,039	4,101	4,290	4,100	4,221	4,394	4,260	4,338	4,334	4,547	4,666	4,881
Non-Hispanic White	3,247	3,301	3,136	3,187	3,336	3,125	3,259	3,413	3,190	3,301	3,218	3,423	3,472	3,500
Non-Hispanic Black	789	805	788	762	792	792	818	815	907	841	892	907	962	1,126
Other Non-Hispanic	29	39	33	36	46	64	54	65	70	75	73	78	71	85
Wilmington														
All Races	782	765	728	705	726	692	713	697	691	651	729	666	716	738
Non-Hispanic White	326	337	318	317	305	299	279	299	269	247	283	264	270	251
Non-Hispanic Black	418	399	382	353	385	355	403	360	382	362	390	359	403	431
Other Non-Hispanic	5	2	6	1	3	3	3	9	9	7	8	6	7	8
Balance of NC County														
All Races	3,364	3,464	3,311	3,396	3,564	3,408	3,508	3,697	3,569	3,687	3,605	3,881	3,950	4,143
Non-Hispanic White	2,921	2,964	2,818	2,870	3,031	2,826	2,980	3,114	2,921	3,054	2,935	3,159	3,202	3,249
Non-Hispanic Black	371	406	406	409	407	437	415	455	525	479	502	548	559	695
Other Non-Hispanic	24	37	27	35	43	61	51	56	61	68	65	72	64	77
Sussex														
All Races	1,824	1,945	1,886	1,890	1,945	2,019	2,101	2,054	2,151	2,207	2,394	2,441	2,580	2,670
Non-Hispanic White	1,568	1,716	1,656	1,646	1,698	1,768	1,855	1,822	1,902	1,954	2,103	2,160	2,298	2,360
Non-Hispanic Black	218	200	196	187	193	203	198	196	208	197	234	230	221	252
Other Non-Hispanic	16	12	11	26	14	26	21	19	17	16	27	22	17	22

Sources: Delaware Department of Health and Social Services, Division of Public Health, Delaware Health Statistics Center
National Center for Health Statistics

TABLE F-2. NUMBER OF DEATHS BY AGE, RACE, AND HISPANIC ORIGIN, COUNTIES AND CITY OF WILMINGTON, DELAWARE, 2017

Area/ Age	All Races	Non-Hispanic							All Other	Hispanic Origin ²
		White	Black	American Indian ¹	Asian or Pacific Islander (API)					
					Chinese	Japanese	Filipino	Other API		
Delaware	9,173	7,095	1,703	18	15	10	14	60	20	238
<1	72	18	37	0	0	0	0	1	2	14
1-4	13	4	6	0	0	0	0	1	0	2
5-14	13	8	4	0	0	0	0	0	0	1
15-24	105	51	48	0	0	0	0	0	3	3
25-34	213	135	63	1	0	0	0	4	0	10
35-44	250	165	64	0	0	0	1	6	2	12
45-54	567	382	153	1	0	0	0	5	3	23
55-64	1,229	891	294	3	4	0	0	7	3	27
65-74	1,881	1,421	388	6	2	1	3	13	1	46
75+	4,830	4,020	646	7	9	9	10	23	6	100
Unknown	0	0	0	0	0	0	0	0	0	0
Kent	1,622	1,235	325	7	2	4	7	6	4	32
<1	8	0	7	0	0	0	0	0	0	1
1-4	2	1	1	0	0	0	0	0	0	0
5-14	2	2	0	0	0	0	0	0	0	0
15-24	25	16	9	0	0	0	0	0	0	0
25-34	31	24	6	0	0	0	0	0	0	1
35-44	37	26	10	0	0	0	0	1	0	0
45-54	105	66	33	0	0	0	0	1	2	3
55-64	237	173	53	3	1	0	0	0	2	5
65-74	348	261	70	3	0	0	2	3	0	9
75+	827	666	136	1	1	4	5	1	0	13
Unknown	0	0	0	0	0	0	0	0	0	0
New Castle	4,881	3,500	1,126	1	13	5	5	50	11	170
<1	48	11	26	0	0	0	0	1	2	8
1-4	8	2	3	0	0	0	0	1	0	2
5-14	7	3	3	0	0	0	0	0	0	1
15-24	62	26	31	0	0	0	0	0	2	3
25-34	143	82	51	0	0	0	0	4	0	6
35-44	162	99	47	0	0	0	1	5	1	9
45-54	326	210	93	0	0	0	0	3	1	19
55-64	688	456	206	0	3	0	0	6	1	16
65-74	933	630	258	0	2	1	0	8	1	33
75+	2,504	1,981	408	1	8	4	4	22	3	73
Unknown	0	0	0	0	0	0	0	0	0	0
Wilmington	738	251	431	0	1	0	0	4	3	48
<1	15	1	10	0	0	0	0	0	2	2
1-4	1	0	1	0	0	0	0	0	0	0
5-14	2	0	2	0	0	0	0	0	0	0
15-24	26	3	22	0	0	0	0	0	0	1
25-34	26	3	20	0	0	0	0	0	0	3
35-44	30	13	12	0	0	0	0	3	0	2
45-54	70	19	41	0	0	0	0	0	0	10
55-64	130	38	87	0	0	0	0	0	0	5
65-74	142	40	92	0	1	0	0	0	0	9
75+	296	134	144	0	0	0	0	1	1	16
Unknown	0	0	0	0	0	0	0	0	0	0
Balance of NC County	4,143	3,249	695	1	12	5	5	46	8	122
<1	33	10	16	0	0	0	0	1	0	6
1-4	7	2	2	0	0	0	0	1	0	2
5-14	5	3	1	0	0	0	0	0	0	1
15-24	36	23	9	0	0	0	0	0	2	2
25-34	117	79	31	0	0	0	0	4	0	3
35-44	132	86	35	0	0	0	1	2	1	7
45-54	256	191	52	0	0	0	0	3	1	9
55-64	558	418	119	0	3	0	0	6	1	11
65-74	791	590	166	0	1	1	0	8	1	24
75+	2,208	1,847	264	1	8	4	4	21	2	57
Unknown	0	0	0	0	0	0	0	0	0	0
Sussex	2,670	2,360	252	10	0	1	2	4	5	36
<1	16	7	4	0	0	0	0	0	0	5
1-4	3	1	2	0	0	0	0	0	0	0
5-14	4	3	1	0	0	0	0	0	0	0
15-24	18	9	8	0	0	0	0	0	1	0
25-34	39	29	6	1	0	0	0	0	0	3
35-44	51	40	7	0	0	0	0	0	1	3
45-54	136	106	27	1	0	0	0	1	0	1
55-64	304	262	35	0	0	0	0	1	0	6
65-74	600	530	60	3	0	0	1	2	0	4
75+	1,499	1,373	102	5	0	1	1	0	3	14
Unknown	0	0	0	0	0	0	0	0	0	0

Notes:

1. Includes any deaths that may have occurred to Aleut and Eskimo Indians.
2. People of Hispanic origin may be of any race. See *Hispanic Origin and Race* in the Technical Notes.

Source: Delaware Department Health and Social Services, Division of Public Health, Delaware Health Statistics Center

TABLE F-3. NUMBER OF DEATHS BY AGE AND RACE, COUNTIES AND CITY OF WILMINGTON, DELAWARE, 2017

BOTH SEXES

Area/ Race	Age of Decedent													Unk
	Total	< 1	1-4	5-9	10-14	15-19	20-24	25-34	35-44	45-54	55-64	65-74	75+	
Delaware														
All Races	9,173	72	13	2	11	25	80	213	250	567	1,229	1,881	4,830	0
Non-Hispanic White	7,095	18	4	2	6	12	39	135	165	382	891	1,421	4,020	0
Non-Hispanic Black	1,703	37	6	0	4	11	37	63	64	153	294	388	646	0
Other Non-Hispanic	137	3	1	0	0	1	2	5	9	9	17	26	64	0
Hispanic	238	14	2	0	1	1	2	10	12	23	27	46	100	0
Kent														
All Races	1,622	8	2	2	0	5	20	31	37	105	237	348	827	0
Non-Hispanic White	1,235	0	1	2	0	3	13	24	26	66	173	261	666	0
Non-Hispanic Black	325	7	1	0	0	2	7	6	10	33	53	70	136	0
Other Non-Hispanic	30	0	0	0	0	0	0	0	1	3	6	8	12	0
Hispanic	32	1	0	0	0	0	0	1	0	3	5	9	13	0
New Castle														
All Races	4,881	48	8	0	7	15	47	143	162	326	688	933	2,504	0
Non-Hispanic White	3,500	11	2	0	3	7	19	82	99	210	456	630	1,981	0
Non-Hispanic Black	1,126	26	3	0	3	6	25	51	47	93	206	258	408	0
Other Non-Hispanic	85	3	1	0	0	1	1	4	7	4	10	12	42	0
Hispanic	170	8	2	0	1	1	2	6	9	19	16	33	73	0
Wilmington														
All Races	738	15	1	0	2	8	18	26	30	70	130	142	296	0
Non-Hispanic White	251	1	0	0	0	1	2	3	13	19	38	40	134	0
Non-Hispanic Black	431	10	1	0	2	6	16	20	12	41	87	92	144	0
Other Non-Hispanic	8	2	0	0	0	0	0	0	3	0	0	1	2	0
Hispanic	48	2	0	0	0	1	0	3	2	10	5	9	16	0
Balance of NC County														
All Races	4,143	33	7	0	5	7	29	117	132	256	558	791	2,208	0
Non-Hispanic White	3,249	10	2	0	3	6	17	79	86	191	418	590	1,847	0
Non-Hispanic Black	695	16	2	0	1	0	9	31	35	52	119	166	264	0
Other Non-Hispanic	77	1	1	0	0	1	1	4	4	4	10	11	40	0
Hispanic	122	6	2	0	1	0	2	3	7	9	11	24	57	0
Sussex														
All Races	2,670	16	3	0	4	5	13	39	51	136	304	600	1,499	0
Non-Hispanic White	2,360	7	1	0	3	2	7	29	40	106	262	530	1,373	0
Non-Hispanic Black	252	4	2	0	1	3	5	6	7	27	35	60	102	0
Other Non-Hispanic	22	0	0	0	0	0	1	1	1	2	1	6	10	0
Hispanic	36	5	0	0	0	0	0	3	3	1	6	4	14	0

Source: Delaware Department of Health and Social Services, Division of Public Health, Delaware Health Statistics Center

**TABLE F-4. NUMBER OF DEATHS BY AGE AND RACE , COUNTIES AND CITY OF WILMINGTON, DELAWARE, 2017
MALES**

Area/ Race	Age of Decedent													
	Total	< 1	1-4	5-9	10-14	15-19	20-24	25-34	35-44	45-54	55-64	65-74	75+	Unk
Delaware														
All Races	4,747	35	8	2	9	20	55	150	164	352	678	1,113	2,161	0
Non-Hispanic White	3,644	7	2	2	5	9	24	96	106	240	496	853	1,804	0
Non-Hispanic Black	892	19	5	0	3	9	27	40	42	94	157	216	280	0
Non-Hispanic Other	83	2	1	0	0	1	2	5	6	6	12	17	31	0
Hispanic	128	7	0	0	1	1	2	9	10	12	13	27	46	0
Kent														
All Races	824	4	2	2	0	5	12	22	23	57	127	191	379	0
Non-Hispanic White	617	0	1	2	0	3	8	17	14	35	94	140	303	0
Non-Hispanic Black	176	3	1	0	0	2	4	5	8	18	27	41	67	0
Non-Hispanic Other	19	0	0	0	0	0	0	0	1	3	5	5	5	0
Hispanic	12	1	0	0	0	0	0	0	0	1	1	5	4	0
New Castle														
All Races	2,513	22	5	0	6	12	34	97	104	210	374	556	1,093	0
Non-Hispanic White	1,773	4	1	0	3	6	12	56	62	140	248	382	859	0
Non-Hispanic Black	593	13	3	0	2	4	19	31	29	57	111	147	177	0
Non-Hispanic Other	50	2	1	0	0	1	1	4	5	2	6	8	20	0
Hispanic	97	3	0	0	1	1	2	6	8	11	9	19	37	0
Wilmington														
All Races	367	10	1	0	2	6	14	19	12	39	75	79	110	0
Non-Hispanic White	122	0	0	0	0	1	2	3	5	10	22	27	52	0
Non-Hispanic Black	215	7	1	0	2	4	12	13	4	23	50	48	51	0
Non-Hispanic Other	4	1	0	0	0	0	0	0	1	0	0	1	1	0
Hispanic	26	2	0	0	0	1	0	3	2	6	3	3	6	0
Balance of NC County														
All Races	2,146	12	4	0	4	6	20	78	92	171	299	477	983	0
Non-Hispanic White	1,651	4	1	0	3	5	10	53	57	130	226	355	807	0
Non-Hispanic Black	378	6	2	0	0	0	7	18	25	34	61	99	126	0
Non-Hispanic Other	46	1	1	0	0	1	1	4	4	2	6	7	19	0
Hispanic	71	1	0	0	1	0	2	3	6	5	6	16	31	0
Sussex														
All Races	1,410	9	1	0	3	3	9	31	37	85	177	366	689	0
Non-Hispanic White	1,254	3	0	0	2	0	4	23	30	65	154	331	642	0
Non-Hispanic Black	123	3	1	0	1	3	4	4	5	19	19	28	36	0
Non-Hispanic Other	14	0	0	0	0	0	1	1	0	1	1	4	6	0
Hispanic	19	3	0	0	0	0	0	3	2	0	3	3	5	0

Source: Delaware Department of Health and Social Services, Division of Public Health, Delaware Health Statistics Center

TABLE F-5. NUMBER OF DEATHS BY AGE AND RACE,COUNTIES AND CITY OF WILMINGTON, DELAWARE, 2017

FEMALES

Area/ Race	Age of Decedent													Unk
	Total	< 1	1-4	5-9	10-14	15-19	20-24	25-34	35-44	45-54	55-64	65-74	75+	
Delaware														
All Races	4,426	37	5	0	2	5	25	63	86	215	551	768	2,669	0
Non-Hispanic White	3,451	11	2	0	1	3	15	39	59	142	395	568	2,216	0
Non-Hispanic Black	811	18	1	0	1	2	10	23	22	59	137	172	366	0
Non-Hispanic Other	54	1	0	0	0	0	0	0	3	3	5	9	33	0
Hispanic	110	7	2	0	0	0	0	1	2	11	14	19	54	0
Kent														
All Races	798	4	0	0	0	0	8	9	14	48	110	157	448	0
Non-Hispanic White	618	0	0	0	0	0	5	7	12	31	79	121	363	0
Non-Hispanic Black	149	4	0	0	0	0	3	1	2	15	26	29	69	0
Non-Hispanic Other	11	0	0	0	0	0	0	0	0	0	1	3	7	0
Hispanic	20	0	0	0	0	0	0	1	0	2	4	4	9	0
New Castle														
All Races	2,368	26	3	0	1	3	13	46	58	116	314	377	1,411	0
Non-Hispanic White	1,727	7	1	0	0	1	7	26	37	70	208	248	1,122	0
Non-Hispanic Black	533	13	0	0	1	2	6	20	18	36	95	111	231	0
Non-Hispanic Other	35	1	0	0	0	0	0	0	2	2	4	4	22	0
Hispanic	73	5	2	0	0	0	0	0	1	8	7	14	36	0
Wilmington														
All Races	371	5	0	0	0	2	4	7	18	31	55	63	186	0
Non-Hispanic White	129	1	0	0	0	0	0	0	8	9	16	13	82	0
Non-Hispanic Black	216	3	0	0	0	2	4	7	8	18	37	44	93	0
Non-Hispanic Other	4	1	0	0	0	0	0	0	2	0	0	0	1	0
Hispanic	22	0	0	0	0	0	0	0	0	4	2	6	10	0
Balance of NC County														
All Races	1,997	21	3	0	1	1	9	39	40	85	259	314	1,225	0
Non-Hispanic White	1,598	6	1	0	0	1	7	26	29	61	192	235	1,040	0
Non-Hispanic Black	317	10	0	0	1	0	2	13	10	18	58	67	138	0
Non-Hispanic Other	31	0	0	0	0	0	0	0	0	2	4	4	21	0
Hispanic	51	5	2	0	0	0	0	0	1	4	5	8	26	0
Sussex														
All Races	1,260	7	2	0	1	2	4	8	14	51	127	234	810	0
Non-Hispanic White	1,106	4	1	0	1	2	3	6	10	41	108	199	731	0
Non-Hispanic Black	129	1	1	0	0	0	1	2	2	8	16	32	66	0
Non-Hispanic Other	8	0	0	0	0	0	0	0	1	1	0	2	4	0
Hispanic	17	2	0	0	0	0	0	0	1	1	3	1	9	0

Source: Delaware Department of Health and Social Services, Division of Public Health, Delaware Health Statistics Center

TABLE F-6. MORTALITY TRENDS BY RACE, ETHNICITY, GENDER, AND AGE, DELAWARE, 2007-2017

CHARACTERISTIC		2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017
Resident Deaths												
	Number	7,246	7,602	7,498	7,667	7,816	7,873	7,967	8,252	8,580	8,872	9,173
	Crude Rate	831.2	860.1	840.5	852.1	860.9	858.2	860.3	880.4	903.8	924.2	947.8
	AADR ²	811.3	822.8	791.2	790.9	805.1	788.4	767.5	768.6	776.1	775.6	783.1
Decedent's Race/Ethnicity												
White Non-Hispanic	Number	5,826	6,140	5,971	6,178	6,307	6,230	6,365	6,467	6,798	6,986	7,095
	Percent	80.4%	80.8%	79.6%	80.6%	80.7%	79.1%	79.9%	78.4%	79.2%	78.7%	77.3%
	AADR ²	763.6	787.4	750.9	764.0	789.2	760.7	752.2	740.4	764.3	759.6	757.8
Black Non-Hispanic	Number	1,162	1,200	1,254	1,245	1,248	1,387	1,284	1,424	1,438	1,504	1,703
	Percent	16.0%	15.8%	16.7%	16.2%	16.0%	17.6%	16.1%	17.3%	16.8%	17.0%	18.6%
	AADR ²	881.2	864.9	878.5	856.6	822.2	894.6	776.6	833.0	788.1	791.1	849.9
Hispanic ¹	Number	178	189	164	142	144	148	200	234	217	269	238
	Percent	2.5%	2.5%	2.2%	1.9%	1.8%	1.9%	2.5%	2.8%	2.5%	3.0%	2.6%
	AADR ²	783.8	801.4	672.0	542.9	494.0	460.6	601.0	687.4	562.1	685.4	584.4
Decedent's Gender												
Female	Number	3,614	3,850	3,782	3,802	3,946	4,015	3,936	4,062	4,209	4,275	4,426
	Percent	49.9%	50.6%	50.4%	49.6%	50.5%	51.0%	49.4%	49.2%	49.1%	48.2%	48.3%
	AADR ²	656.6	682.0	656.2	645.2	672.8	660.6	626.1	623.7	628.3	613.3	617.6
Male	Number	3,632	3,752	3,716	3,865	3,870	3,858	4,031	4,190	4,371	4,597	4,747
	Percent	50.1%	49.4%	49.6%	50.4%	49.5%	49.0%	50.6%	50.8%	50.9%	51.8%	51.7%
	AADR ²	924.8	927.1	891.4	902.2	909.0	886.8	886.3	890.9	890.5	902.8	902.6
Decedent's age												
<1	Number	91	101	91	88	98	84	68	74	100	87	72
	Percent	1.3%	1.3%	1.2%	1.1%	1.3%	1.1%	0.9%	0.9%	1.2%	1.0%	0.8%
1-14	Number	15	23	27	18	28	30	29	22	22	24	26
	Percent	0.2%	0.3%	0.4%	0.2%	0.4%	0.4%	0.4%	0.3%	0.3%	0.3%	0.3%
15-24	Number	88	91	92	97	86	89	82	88	90	95	105
	Percent	1.2%	1.2%	1.2%	1.3%	1.1%	1.1%	1.0%	1.1%	1.0%	1.1%	1.1%
25-44	Number	385	400	359	362	356	388	359	375	410	430	463
	Percent	5.3%	5.3%	4.8%	4.7%	4.6%	4.9%	4.5%	4.5%	4.8%	4.8%	5.0%
45-64	Number	1,418	1,552	1,529	1,578	1,579	1,620	1,739	1,610	1,662	1,681	1,796
	Percent	19.6%	20.4%	20.4%	20.6%	20.2%	20.6%	21.8%	19.5%	19.4%	18.9%	19.6%
65-74	Number	1,238	1,276	1,313	1,307	1,357	1,325	1,385	1,546	1,605	1,763	1,881
	Percent	17.1%	16.8%	17.5%	17.0%	17.4%	16.8%	17.4%	18.7%	18.7%	19.9%	20.5%
75-84	Number	2,022	2,043	1,944	1,976	2,077	1,897	1,931	2,048	2,097	2,165	2,139
	Percent	27.9%	26.9%	25.9%	25.8%	26.6%	24.1%	24.2%	24.8%	24.4%	24.4%	23.3%
85+	Number	1,985	2,116	2,143	2,241	2,235	2,440	2,374	2,489	2,594	2,627	2,691
	Percent	27.4%	27.8%	28.6%	29.2%	28.6%	31.0%	29.8%	30.2%	30.2%	29.6%	29.3%

Notes:

1. Because of the small numbers of Hispanic deaths and the resulting variability in annual mortality rates, Hispanic mortality rates should be interpreted with caution.
2. Age-Adjusted Death Rate per 100,000, adjusted to 2000 U.S. Standard Population.
3. Figures for decedent's age may not equal total number of annual deaths due to deaths of unknown age.

Sources: Delaware Department of Health and Social Services, Division of Public Health, Delaware Health Statistics Center
U.S. Census

TABLE F-7. NUMBER OF DEATHS AND MEDIAN AGE AT DEATH BY SEX FOR TWENTY LEADING CAUSES, ALCOHOL-INDUCED DEATHS, AND DRUG-INDUCED DEATHS DELAWARE, 2017

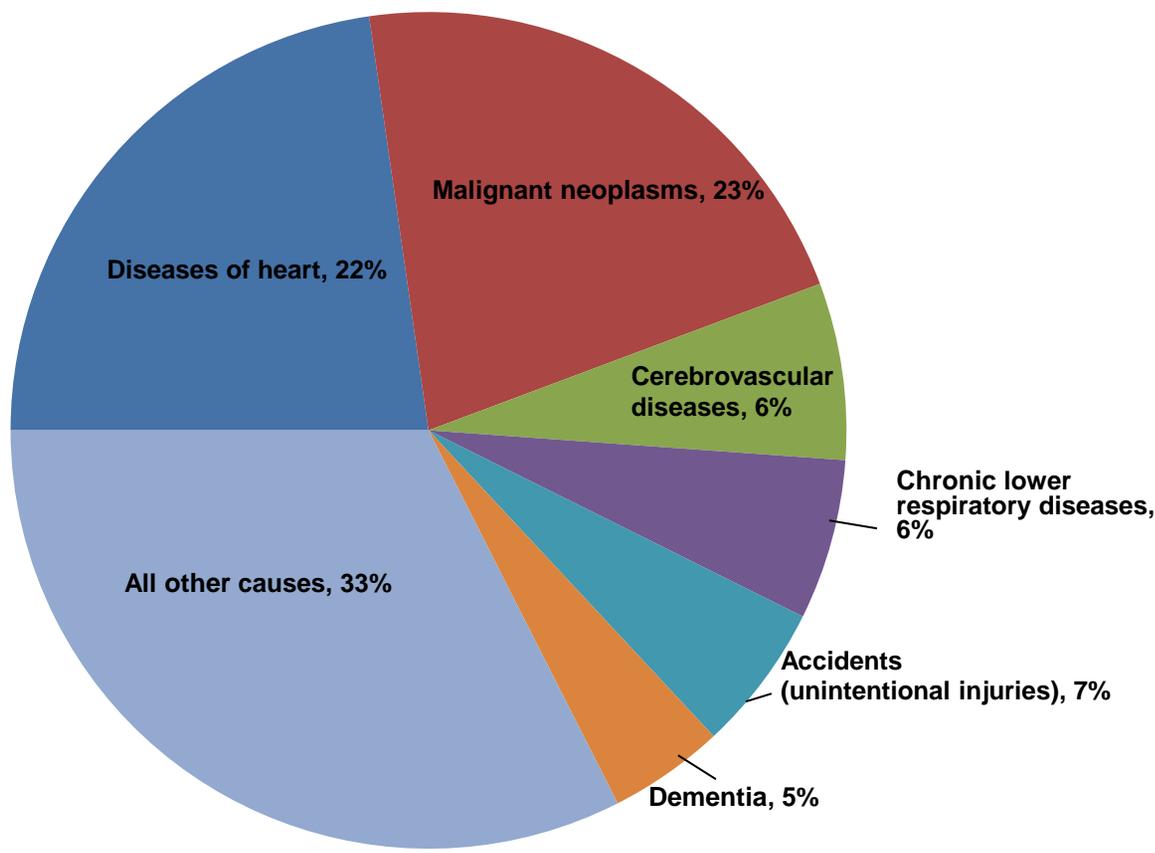
Cause of Death ¹	Deaths		Median Age at Death	
	Number	Percent	Male	Female
All causes	9,173	100.0	73	80
Malignant neoplasms	2,085	22.7	72	72
Diseases of heart	1,979	21.6	76	83
Accidents (unintentional injuries)	627	6.8	46	53
Cerebrovascular diseases	569	6.2	80	86
Chronic lower respiratory diseases	524	5.7	75	79
Dementia	410	4.5	86	89
Alzheimer's disease	376	4.1	86	89
Diabetes mellitus	245	2.7	69	72
Nephritis, nephrotic syndrome & nephrosis	206	2.2	80	77
Influenza & pneumonia	184	2.0	76	84
Septicemia	133	1.4	75	76
Intentional self-harm (suicide)	112	1.2	47	55
Other diseases of respiratory system	110	1.2	74	75
Parkinson's disease	107	1.2	81	85
Chronic liver disease & cirrhosis	106	1.2	60	62
Other diseases of circulatory system	93	1.0	75	82
Symptoms, signs & abnormal clinical & lab findings, nec	78	0.9	73	84
Pneumonitis due to solids & liquids	69	0.8	83	85
Assault (homicide)	65	0.7	23	29
In situ neopl, benign neopl & neopl of uncert or unk behav	52	0.6	72	84
Alcohol-induced deaths ²	102	1.1	56	52
Drug-induced deaths ²	350	3.8	63	40

Notes:

1. Classified according to ICD-10 Codes, Tenth Revision. See Appendix E for listing of ICD-10 Codes.
2. Included in selected categories.

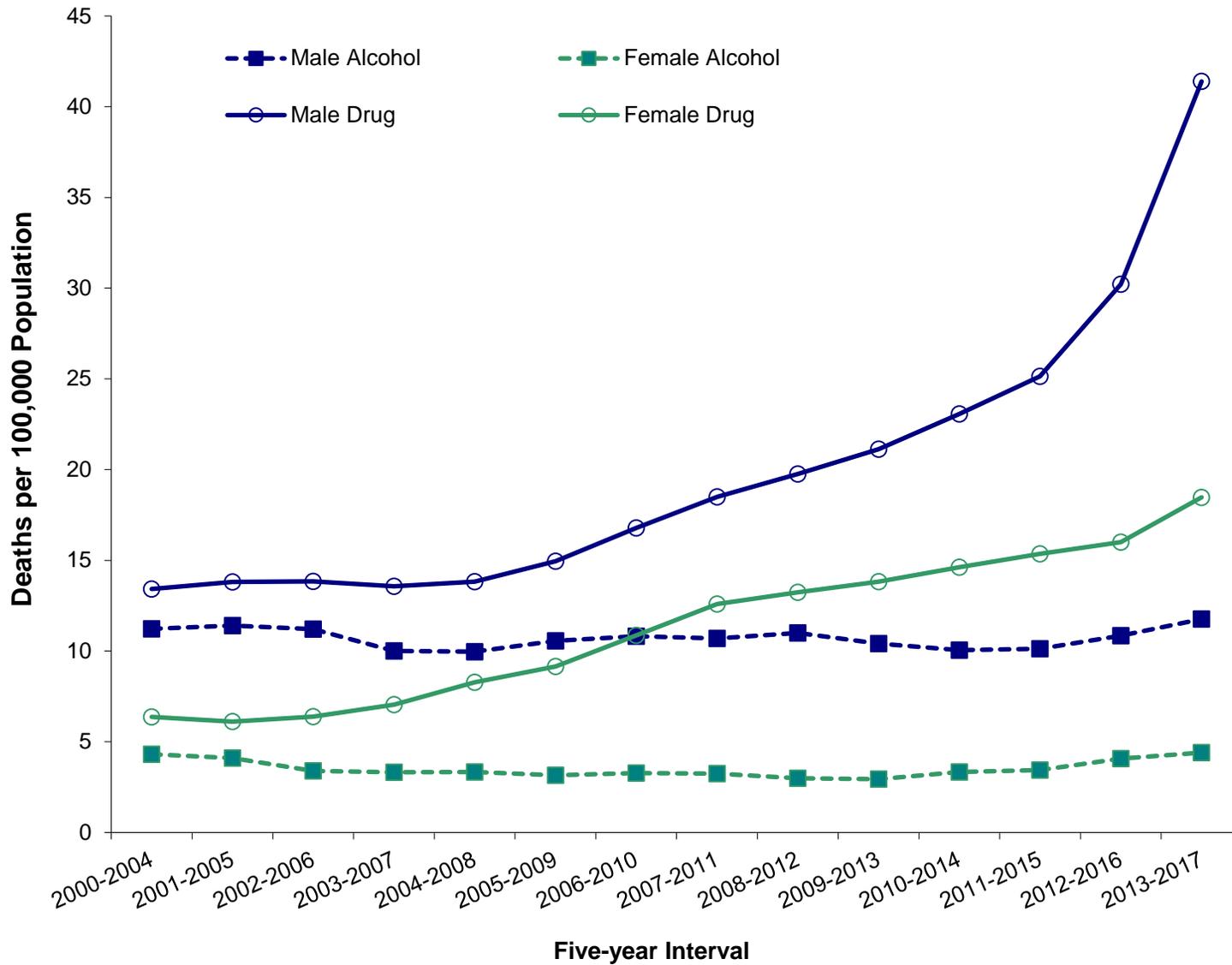
Source: Delaware Department of Health and Social Services, Division of Public Health, Delaware Health Statistics Center

Figure F-1. Leading Causes of Death, Delaware, 2017



Source: Delaware Department of Health and Social Services, Division of Public Health, Delaware Health Statistics Center

Figure F-2. Five-year Age-adjusted Drug- and Alcohol-Induced Mortality Rates by Sex, Delaware, 2000-2017



Source: Delaware Department of Health and Social Services, Division of Public Health, Delaware Health Statistics Center

TABLE F-8. LEADING CAUSES OF DEATH, COUNTIES AND CITY OF WILMINGTON, DELAWARE, 2013-2017

Kent

Cause of Death*	Deaths	
	#	%
Malignant neoplasms	1,854	23.8
Diseases of heart	1,797	23.1
Chronic lower respiratory diseases	472	6.1
Accidents (unintentional injuries)	464	6.0
Cerebrovascular diseases	395	5.1
Alzheimer's disease	226	2.9
Diabetes mellitus	223	2.9
Nephritis, nephrotic syndrome & nephrosis	194	2.5
Septicemia	156	2.0
Influenza & pneumonia	132	1.7
Intentional self-harm (suicide)	116	1.5
Chronic liver disease & cirrhosis	93	1.2
Parkinson's disease	65	0.8
Pneumonitis due to solids & liquids	63	0.8
Essential (primary) hypertension & hypertensive renal disease	55	0.7
Assault (homicide)	51	0.7
All other causes	1,430	18.4
Total	7,786	100.0

New Castle

Cause of Death*	Deaths	
	#	%
Malignant neoplasms	5,254	23.1
Diseases of heart	4,792	21.0
Accidents (unintentional injuries)	1,392	6.1
Cerebrovascular diseases	1,391	6.1
Chronic lower respiratory diseases	1,219	5.4
Alzheimer's disease	747	3.3
Diabetes mellitus	565	2.5
Nephritis, nephrotic syndrome & nephrosis	514	2.3
Influenza & pneumonia	492	2.2
Septicemia	363	1.6
Intentional self-harm (suicide)	337	1.5
Parkinson's disease	231	1.0
Assault (homicide)	227	1.0
Chronic liver disease & cirrhosis	224	1.0
Pneumonitis due to solids & liquids	178	0.8
Certain conditions originating in the perinatal period	172	0.8
All other causes	4,668	20.5
Total	22,766	100.0

City of Wilmington

Cause of Death*	Deaths	
	#	%
Diseases of heart	746	21.3
Malignant neoplasms	699	20.0
Accidents (unintentional injuries)	244	7.0
Cerebrovascular diseases	203	5.8
Chronic lower respiratory diseases	167	4.8
Assault (homicide)	121	3.5
Diabetes mellitus	111	3.2
Alzheimer's disease	100	2.9
Nephritis, nephrotic syndrome & nephrosis	92	2.6
Septicemia	60	1.7
Human immunodeficiency virus (HIV) disease	58	1.7
Certain conditions originating in the perinatal period	46	1.3
Influenza & pneumonia	44	1.3
Intentional self-harm (suicide)	40	1.1
Essential (primary) hypertension & hypertensive renal disease	37	1.1
Chronic liver disease & cirrhosis	36	1.0
All other causes	696	19.9
Total	3,500	100.0

Sussex

Cause of Death*	Deaths	
	#	%
Diseases of heart	3,055	24.9
Malignant neoplasms	2,988	24.3
Chronic lower respiratory diseases	821	6.7
Accidents (unintentional injuries)	609	5.0
Cerebrovascular diseases	603	4.9
Alzheimer's disease	378	3.1
Diabetes mellitus	316	2.6
Nephritis, nephrotic syndrome & nephrosis	231	1.9
Septicemia	196	1.6
Influenza & pneumonia	192	1.6
Chronic liver disease & cirrhosis	184	1.5
Intentional self-harm (suicide)	148	1.2
Parkinson's disease	131	1.1
Essential (primary) hypertension & hypertensive renal disease	98	0.8
In situ neoplasms, benign neoplasms & neoplasms of uncertain behavior	85	0.7
Pneumonitis due to solids & liquids	82	0.7
All other causes	2,175	17.7
Total	12,292	100.0

Note:*Cause of death categories were derived using the NCHS list of 50 rankable causes of death as specified by NCHS. For specific codes, see Appendix E.

Source: Delaware Department of Health and Social Services, Division of Public Health, Delaware Health Statistics Center

TABLE F-9. TEN LEADING CAUSES OF DEATH BY SEX AND RACE GROUP, DELAWARE, 2013-2017

All Races, Male

Cause of Death*	Deaths	
	#	%
Malignant neoplasms	5,322	24.3
Diseases of heart	5,159	23.5
Accidents (unintentional injuries)	1,606	7.3
Chronic lower respiratory diseases	1,135	5.2
Cerebrovascular diseases	998	4.5
Diabetes mellitus	604	2.8
Nephritis, nephrotic syndrome & nephrosis	495	2.3
Intentional self-harm (suicide)	474	2.2
Alzheimer's disease	469	2.1
Influenza & pneumonia	399	1.8
All other causes	5,275	24.0
Total	21,936	100.0

All Races, Female

Cause of Death*	Deaths	
	#	%
Malignant neoplasms	4,774	22.8
Diseases of heart	4,485	21.5
Cerebrovascular diseases	1,391	6.7
Chronic lower respiratory diseases	1,377	6.6
Alzheimer's disease	882	4.2
Accidents (unintentional injuries)	859	4.1
Diabetes mellitus	500	2.4
Nephritis, nephrotic syndrome & nephrosis	444	2.1
Influenza & pneumonia	417	2.0
Septicemia	372	1.8
All other causes	5,407	25.9
Total	20,908	100.0

Non-Hispanic White, Both Sexes

Cause of Death*	Deaths	
	#	%
Malignant neoplasms	8,033	23.8
Diseases of heart	7,755	23.0
Chronic lower respiratory diseases	2,180	6.5
Accidents (unintentional injuries)	1,913	5.7
Cerebrovascular diseases	1,814	5.4
Alzheimer's disease	1,111	3.3
Diabetes mellitus	755	2.2
Influenza & pneumonia	685	2.0
Nephritis, nephrotic syndrome & nephrosis	637	1.9
Septicemia	557	1.7
All other causes	8,271	24.5
Total	33,711	100.0

Non-Hispanic Black, Both Sexes

Cause of Death*	Deaths	
	#	%
Malignant neoplasms	1,697	23.1
Diseases of heart	1,555	21.1
Cerebrovascular diseases	449	6.1
Accidents (unintentional injuries)	398	5.4
Diabetes mellitus	295	4.0
Chronic lower respiratory diseases	280	3.8
Nephritis, nephrotic syndrome & nephrosis	263	3.6
Assault (homicide)	219	3.0
Alzheimer's disease	185	2.5
Septicemia	129	1.8
All other causes	1,883	25.6
Total	7,353	100.0

LCODMFWB

Hispanic, Both Sexes

Cause of Death*	Deaths	
	#	%
Malignant neoplasms	217	18.7
Diseases of heart	207	17.9
Accidents (unintentional injuries)	109	9.4
Cerebrovascular diseases	79	6.8
Certain conditions originating in the perinatal period	48	4.1
Alzheimer's disease	37	3.2
Diabetes mellitus	35	3.0
Chronic lower respiratory diseases	34	2.9
Chronic liver disease & cirrhosis	27	2.3
Nephritis, nephrotic syndrome & nephrosis	24	2.1
All other causes	341	29.4
Total	1,158	100.0

Notes:

1. Cause of death categories were derived using the NCHS list of 50 rankable causes of death as specified by NCHS. For specific codes, see Appendix E.
2. There was a three-way tie for the tenth most common cause of Hispanic death; Alzheimer's disease also accounted for 19 deaths.

Source: Delaware Department of Health and Social Services, Division of Public Health, Delaware Health Statistics Center

TABLE F-10. TEN LEADING CAUSES OF DEATH BY RACE-SEX GROUP, DELAWARE, 2013-2017

Non-Hispanic White Male

Cause of Death*	Deaths	
	#	%
Malignant neoplasms	4,306	25.1
Diseases of heart	4,165	24.2
Accidents (unintentional injuries)	1,216	7.1
Chronic lower respiratory diseases	969	5.6
Cerebrovascular diseases	728	4.2
Intentional self-harm (suicide)	407	2.4
Diabetes mellitus	406	2.4
Alzheimer's disease	403	2.3
Nephritis, nephrotic syndrome & nephrosis	337	2.0
Influenza & pneumonia	329	1.9
All other causes	3,921	22.8
Total	17,187	100.0

Non-Hispanic White Females

Cause of Death*	Deaths	
	#	%
Malignant neoplasms	3,727	22.6
Diseases of heart	3,590	21.7
Chronic lower respiratory diseases	1,211	7.3
Cerebrovascular diseases	1,086	6.6
Alzheimer's disease	708	4.3
Accidents (unintentional injuries)	697	4.2
Influenza & pneumonia	356	2.2
Diabetes mellitus	349	2.1
Nephritis, nephrotic syndrome & nephrosis	300	1.8
Septicemia	286	1.7
All other causes	4,214	25.5
Total	16,524	100.0

Non-Hispanic Black Males

Cause of Death*	Deaths	
	#	%
Malignant neoplasms	808	21.5
Diseases of heart	798	21.2
Accidents (unintentional injuries)	279	7.4
Cerebrovascular diseases	213	5.7
Assault (homicide)	192	5.1
Diabetes mellitus	166	4.4
Nephritis, nephrotic syndrome & nephrosis	136	3.6
Chronic lower respiratory diseases	135	3.6
Human immunodeficiency virus (HIV) disease	65	1.7
Certain conditions originating in the perinatal period	63	1.7
All other causes	906	24.1
Total	3,761	100.0

Non-Hispanic Black Females

Cause of Death*	Deaths	
	#	%
Malignant neoplasms	889	24.7
Diseases of heart	757	21.1
Cerebrovascular diseases	236	6.6
Chronic lower respiratory diseases	145	4.0
Alzheimer's disease	132	3.7
Diabetes mellitus	129	3.6
Nephritis, nephrotic syndrome & nephrosis	127	3.5
Accidents (unintentional injuries)	119	3.3
Septicemia	70	1.9
Influenza & pneumonia	51	1.4
All other causes	937	26.1
Total	3,592	100.0

Hispanic Males

Cause of Death*	Deaths	
	#	%
Malignant neoplasms	128	19.3
Diseases of heart	124	18.7
Accidents (unintentional injuries)	84	12.7
Cerebrovascular diseases	39	5.9
Certain conditions originating in the perinatal period	27	4.1
Chronic lower respiratory diseases	22	3.3
Diabetes mellitus	21	3.2
Chronic liver disease & cirrhosis	17	2.6
Intentional self-harm (suicide)	15	2.3
Influenza & pneumonia	14	2.1
All other causes	171	25.8
Total	662	100.0

Hispanic Females

Cause of Death*	Deaths	
	#	%
Malignant neoplasms	89	17.9
Diseases of heart	83	16.7
Cerebrovascular diseases	40	8.1
Alzheimer's disease	28	5.6
Accidents (unintentional injuries)	25	5.0
Certain conditions originating in the perinatal period	21	4.2
Diabetes mellitus	14	2.8
Septicemia	13	2.6
Chronic lower respiratory diseases	12	2.4
chromosomal abnormalities	11	2.2
All other causes	160	32.3
Total	496	100.0

Note: *Cause of death categories were derived using the NCHS list of 50 rankable causes of death as specified by NCHS. For specific codes, see Appendix E.

Source: Delaware Department of Health and Social Services, Division of Public Health, Delaware Health Statistics Center

TABLE F-11. TEN LEADING CAUSES OF DEATH BY AGE, DELAWARE, 2013-2017

1-4 Years

Cause of Death*	Deaths	
	Number	Percent
Accidents (unintentional injuries)	12	21.1
Congenital malformations, deformations, &	10	17.5
Malignant neoplasms	7	12.3
Assault (homicide)	6	10.5
Diseases of heart	2	3.5
Complications of medical & surgical care	1	1.8
Chronic lower respiratory diseases	1	1.8
Influenza & pneumonia	1	1.8
In situ neoplasms, benign neoplasms & neoplasms	1	1.8
Other	16	28.1
	0	0.0
Total	57	100.0

5-14 Years

Cause of Death*	Deaths	
	Number	Percent
Accidents (unintentional injuries)	13	19.7
Malignant neoplasms	8	12.1
chromosomal abnormalities	7	10.6
Intentional self-harm (suicide)	5	7.6
Diseases of heart	5	7.6
Assault (homicide)	2	3.0
Chronic lower respiratory diseases	2	3.0
Complications of medical & surgical care	1	1.5
Pneumonitis due to solids & liquids	1	1.5
Cerebrovascular diseases	1	1.5
All other causes	21	31.8
Total	66	100.0

15-24 Years

Cause of Death*	Deaths	
	Number	Percent
Accidents (unintentional injuries)	205	44.6
Assault (homicide)	98	21.3
Intentional self-harm (suicide)	68	14.8
Malignant neoplasms	16	3.5
Diseases of heart	12	2.6
Chronic lower respiratory diseases	4	0.9
Human immunodeficiency virus (HIV) disease	4	0.9
Septicemia	4	0.9
Diabetes mellitus	3	0.7
Cerebrovascular diseases	2	0.4
All other causes	44	9.6
Total	460	100.0

25-44 Years

Cause of Death*	Deaths	
	Number	Percent
Accidents (unintentional injuries)	811	39.8
Diseases of heart	217	10.7
Malignant neoplasms	187	9.2
Intentional self-harm (suicide)	181	8.9
Assault (homicide)	138	6.8
Diabetes mellitus	45	2.2
Chronic liver disease & cirrhosis	32	1.6
Cerebrovascular diseases	26	1.3
Septicemia	21	1.0
Human immunodeficiency virus (HIV) disease	20	1.0
All other causes	359	17.6
Total	2,037	100.0

45-64 Years

Cause of Death*	Deaths	
	Number	Percent
Malignant neoplasms	2,676	31.5
Diseases of heart	1,654	19.5
Accidents (unintentional injuries)	763	9.0
Chronic lower respiratory diseases	320	3.8
Diabetes mellitus	320	3.8
Cerebrovascular diseases	281	3.3
Chronic liver disease & cirrhosis	254	3.0
Intentional self-harm (suicide)	243	2.9
Nephritis, nephrotic syndrome & nephrosis	172	2.0
Septicemia	136	1.6
All other causes	1,669	19.7
Total	8,488	100.0

65+ Years

Cause of Death*	Deaths	
	Number	Percent
Diseases of heart	7,749	24.7
Malignant neoplasms	7,202	23.0
Chronic lower respiratory diseases	2,169	6.9
Cerebrovascular diseases	2,077	6.6
Alzheimer's disease	1,339	4.3
Nephritis, nephrotic syndrome & nephrosis	752	2.4
Diabetes mellitus	736	2.3
Influenza & pneumonia	686	2.2
Accidents (unintentional injuries)	649	2.1
Septicemia	550	1.8
All other causes	7,426	23.7
Total	31,335	100.0

Note:

*Cause of death categories were derived using the NCHS list of 50 rankable causes of death as specified by NCHS. For specific codes, see Appendix E.

Source: Delaware Department of Health and Social Services, Division of Public Health, Delaware Health Statistics Center

TABLE F-12. NUMBER OF DEATHS BY AGE FOR SELECTED LEADING CAUSES OF DEATH, DELAWARE, 2017
ALL RACES, BOTH SEXES

Cause of Death*	Age of Decedent													
	Total	< 1	1-4	5-9	10-14	15-19	20-24	25-34	35-44	45-54	55-64	65-74	75+	Unk
Diseases of the heart (I00-I09, I11, I13, I20-I51)	1,979	0	0	0	1	0	2	12	30	111	219	424	1,180	0
Acute rheumatic fever and chronic rheumatic heart disease (I00-I09)	19	0	0	0	0	0	0	1	0	0	3	2	13	0
Hypertensive heart disease (I11)	130	0	0	0	0	0	0	1	2	23	18	30	56	0
Hypertensive heart and renal disease (I13)	27	0	0	0	0	0	0	0	0	4	2	5	16	0
Ischemic heart disease (I20-I25)	1,132	0	0	0	0	0	0	2	11	53	142	266	658	0
All other forms of heart disease (I26-I51)	671	0	0	0	1	0	2	8	17	31	54	121	437	0
Malignant neoplasms (C00-C97)	2,085	0	0	0	1	0	2	8	25	127	417	646	859	0
Malignant neoplasms of lip, oral cavity and pharynx (C00-C14)	38	0	0	0	0	0	0	0	0	5	8	17	8	0
Malignant neoplasms of digestive organs (C15-C26)	574	0	0	0	0	0	0	1	7	31	126	179	230	0
Malignant neoplasms of respiratory and intrathoracic organs (C30-C39)	568	0	0	0	0	0	0	0	3	30	121	202	212	0
Malignant neoplasms of breast (C50)	150	0	0	0	0	0	0	1	5	21	34	32	57	0
Malignant neoplasms of female genital organs, (C51-C58)	110	0	0	0	0	0	1	3	2	8	36	30	30	0
Malignant neoplasms of male genital organs, (C60-C63)	84	0	0	0	0	0	0	0	0	1	8	25	50	0
Malignant neoplasms of urinary tract (C64-C68)	97	0	0	0	1	0	0	0	2	4	12	28	50	0
Malignant neoplasms of meninges, brain, and other parts of central nervous system (C70-C72)	51	0	0	0	0	0	1	1	2	6	12	19	10	0
Malignant neoplasms of lymphoid, hematopoietic, and related tissues (C81-C96)	204	0	0	0	0	0	0	1	2	9	27	62	103	0
All other and unspecified malignant neoplasms (C40-C49, C69, C73-C80, C97)	209	0	0	0	0	0	0	1	2	12	33	52	109	0
Cerebrovascular diseases (I60-I69)	569	0	0	0	0	0	0	2	7	18	46	71	425	0

See footnote at the end of the table

**TABLE F-12. NUMBER OF DEATHS BY AGE FOR SELECTED LEADING CAUSES OF DEATH, DELAWARE, 2017
ALL RACES, BOTH SEXES - CON.**

	Age of Decedent													
	Total	< 1	1-4	5-9	10-14	15-19	20-24	25-34	35-44	45-54	55-64	65-74	75+	Unk
Chronic lower respiratory diseases (J40-J47)	524	0	0	0	0	0	0	1	1	16	54	152	300	0
Accidents (unintentional injuries) (V01-X59, Y85-Y86)	627	4	2	1	3	8	41	115	101	113	94	38	107	0
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)	128	1	0	1	2	5	11	20	16	27	18	11	16	0
Nontransport Accidents (W00-X59, Y86)	497	3	2	0	1	3	30	95	85	85	76	26	91	0
Diabetes mellitus (E10-E14)	245	0	0	0	0	0	0	1	6	22	60	64	92	0
Influenza and pneumonia (J10-J18)	184	1	0	0	0	0	0	3	3	6	22	30	119	0
Alzheimer's disease (G30)	376	0	0	0	0	0	0	1	0	0	1	26	348	0
Nephritis, nephrotic syndrome, and nephrosis (N00-N07, N17-N19, N25-N27)	206	0	0	0	0	0	0	1	1	10	22	49	123	0
Septicemia (A40-A41)	133	1	0	0	0	0	0	0	1	2	18	40	71	0
Intentional self-harm (suicide) (X60-X84, Y87.0)	112	0	0	0	0	6	8	17	20	27	17	8	9	0
Chronic liver disease and cirrhosis (K70, K73-K74)	106	0	0	0	0	0	0	1	9	20	33	23	20	0
Essential hypertension and hypertensive renal disease (I10, I12)	51	0	0	0	0	0	0	0	0	2	6	8	35	0
Aortic aneurysm and dissection (I71)	38	0	0	0	0	0	0	0	1	3	4	10	20	0
Assault (homicide) (X85-Y09, Y87.1)	65	0	2	0	1	8	20	22	4	3	2	2	1	0
Human immunodeficiency virus (HIV) (B20-B24)	16	0	0	0	0	0	0	1	0	4	7	1	3	0
Certain conditions originating in the perinatal period (P00-P96)	35	35	0	0	0	0	0	0	0	0	0	0	0	0
Congenital malformations, deformations, and chromosomal abnormalities (Q00-Q99)	25	14	4	0	1	0	0	1	1	2	1	1	0	0
All other causes	1,797	17	5	1	4	3	7	27	40	81	206	288	1,118	0
TOTAL	9,173	72	13	2	11	25	80	213	250	567	1,229	1,881	4,830	0

Note: *ICD Codes, Tenth Revision.

Source: Delaware Department of Health and Social Services, Division of Public Health, Delaware Health Statistics Center

TABLE F-13. NUMBER OF DEATHS BY AGE FOR SELECTED LEADING CAUSES OF DEATH, KENT COUNTY, DELAWARE, 2017

ALL RACES, BOTH SEXES

Cause of Death*	Age of Decedent													
	Total	< 1	1-4	5-9	10-14	15-19	20-24	25-34	35-44	45-54	55-64	65-74	75+	Unk
Diseases of the heart (I00-I09, I11, I13, I20-I51)	366	0	0	0	0	0	1	0	4	24	37	83	217	0
Acute rheumatic fever and chronic rheumatic heart disease (I00-I09)	4	0	0	0	0	0	0	0	0	0	0	1	3	0
Hypertensive heart disease (I11)	35	0	0	0	0	0	0	0	0	5	4	8	18	0
Hypertensive heart and renal disease (I13)	6	0	0	0	0	0	0	0	0	1	0	2	3	0
Ischemic heart disease (I20-I25)	211	0	0	0	0	0	0	0	2	11	30	53	115	0
All other forms of heart disease (I26-I51)	110	0	0	0	0	0	1	0	2	7	3	19	78	0
Malignant neoplasms (C00-C97)	387	0	0	0	0	0	1	4	2	23	94	116	147	0
Malignant neoplasms of lip, oral cavity and pharynx (C00-C14)	7	0	0	0	0	0	0	0	0	0	1	6	0	0
Malignant neoplasms of digestive organs (C15-C26)	109	0	0	0	0	0	0	0	1	6	32	25	45	0
Malignant neoplasms of respiratory and intrathoracic organs (C30-C39)	101	0	0	0	0	0	0	0	0	4	27	40	30	0
Malignant neoplasms of breast (C50)	24	0	0	0	0	0	0	0	0	4	7	3	10	0
Malignant neoplasms of female genital organs, (C51-C58)	20	0	0	0	0	0	0	1	0	2	10	3	4	0
Malignant neoplasms of male genital organs, (C60-C63)	16	0	0	0	0	0	0	0	0	1	1	3	11	0
Malignant neoplasms of urinary tract (C64-C68)	17	0	0	0	0	0	0	0	0	0	4	7	6	0
Malignant neoplasms of meninges, brain, and other parts of central nervous system (C70-C72)	13	0	0	0	0	0	1	1	1	1	2	5	2	0
Malignant neoplasms of lymphoid, hematopoietic, and related tissues (C81-C96)	42	0	0	0	0	0	0	1	0	2	6	12	21	0
All other and unspecified malignant neoplasms (C40-C49, C69, C73-C80, C97)	38	0	0	0	0	0	0	1	0	3	4	12	18	0
Cerebrovascular diseases (I60-I69)	97	0	0	0	0	0	0	0	1	3	6	15	72	0

See Footnote at the end of the table

TABLE F-13. NUMBER OF DEATHS BY AGE FOR SELECTED LEADING CAUSES OF DEATH, KENT COUNTY, DELAWARE, 2017

ALL RACES, BOTH SEXES - CON.

	Age of Decedent													
	Total	< 1	1-4	5-9	10-14	15-19	20-24	25-34	35-44	45-54	55-64	65-74	75+	Unk
Chronic lower respiratory diseases (J40-J47)	99	0	0	0	0	0	0	0	0	1	9	35	54	0
Accidents (unintentional injuries) (V01-X59, Y85-Y86)	100	0	0	1	0	0	14	14	14	20	15	5	17	0
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)	34	0	0	1	0	0	6	3	5	9	7	0	3	0
Nontransport Accidents (W00-X59, Y86)	66	0	0	0	0	0	8	11	9	11	8	5	14	0
Diabetes mellitus (E10-E14)	50	0	0	0	0	0	0	1	3	5	13	9	19	0
Influenza and pneumonia (J10-J18)	26	0	0	0	0	0	0	0	0	2	3	9	12	0
Alzheimer's disease (G30)	64	0	0	0	0	0	0	1	0	0	0	1	62	0
Nephritis, nephrotic syndrome, and nephrosis (N00-N07, N17-N19, N25-N27)	38	0	0	0	0	0	0	1	0	4	2	9	22	0
Septicemia (A40-A41)	24	0	0	0	0	0	0	0	0	1	9	4	10	0
Intentional self-harm (suicide) (X60-X84, Y87.0)	20	0	0	0	0	4	0	3	5	3	1	1	3	0
Chronic liver disease and cirrhosis (K70, K73-K74)	17	0	0	0	0	0	0	0	2	3	5	1	6	0
Essential hypertension and hypertensive renal disease (I10, I12)	8	0	0	0	0	0	0	0	0	0	0	3	5	0
Aortic aneurysm and dissection (I71)	2	0	0	0	0	0	0	0	0	0	1	0	1	0
Assault (homicide) (X85-Y09, Y87.1)	11	0	1	0	0	0	2	3	1	2	0	1	1	0
Human immunodeficiency virus (HIV) (B20-B24)	1	0	0	0	0	0	0	0	0	1	0	0	0	0
Certain conditions originating in the perinatal period (P00-P96)	4	4	0	0	0	0	0	0	0	0	0	0	0	0
Congenital malformations, deformations, and chromosomal abnormalities (Q00-Q99)	3	1	1	0	0	0	0	0	0	1	0	0	0	0
All other causes	305	3	0	1	0	1	2	4	5	12	42	56	179	0
TOTAL	1,622	8	2	2	0	5	20	31	37	105	237	348	827	0

Note: *ICD Codes, Tenth Revision.

Source: Delaware Department of Health and Social Services, Division of Public Health, Delaware Health Statistics Center

TABLE F-14. NUMBER OF DEATHS BY AGE FOR SELECTED LEADING CAUSES OF DEATH, NEW CASTLE COUNTY, DELAWARE, 2017

ALL RACES, BOTH SEXES

Cause of Death*	Age of Decedent													
	Total	< 1	1-4	5-9	10-14	15-19	20-24	25-34	35-44	45-54	55-64	65-74	75+	Unk
Diseases of the heart (I00-I09, I11, I13, I20-I51)	962	0	0	0	0	0	0	10	19	61	115	194	563	0
Acute rheumatic fever and chronic rheumatic heart disease (I00-I09)	8	0	0	0	0	0	0	1	0	0	2	0	5	0
Hypertensive heart disease (I11)	62	0	0	0	0	0	0	1	2	14	7	15	23	0
Hypertensive heart and renal disease (I13)	14	0	0	0	0	0	0	0	0	3	2	1	8	0
Ischemic heart disease (I20-I25)	497	0	0	0	0	0	0	1	6	27	72	114	277	0
All other forms of heart disease (I26-I51)	381	0	0	0	0	0	0	7	11	17	32	64	250	0
Malignant neoplasms (C00-C97)	1,101	0	0	0	1	0	0	4	18	73	226	326	453	0
Malignant neoplasms of lip, oral cavity and pharynx (C00-C14)	20	0	0	0	0	0	0	0	0	2	3	8	7	0
Malignant neoplasms of digestive organs (C15-C26)	312	0	0	0	0	0	0	1	5	19	73	96	118	0
Malignant neoplasms of respiratory and intrathoracic organs (C30-C39)	305	0	0	0	0	0	0	0	2	17	64	101	121	0
Malignant neoplasms of breast (C50)	89	0	0	0	0	0	0	1	5	10	22	19	32	0
Malignant neoplasms of female genital organs, (C51-C58)	52	0	0	0	0	0	0	2	0	3	14	15	18	0
Malignant neoplasms of male genital organs, (C60-C63)	48	0	0	0	0	0	0	0	0	0	4	17	27	0
Malignant neoplasms of urinary tract (C64-C68)	45	0	0	0	1	0	0	0	2	3	5	11	23	0
Malignant neoplasms of meninges, brain, and other parts of central nervous system (C70-C72)	27	0	0	0	0	0	0	0	1	4	9	9	4	0
Malignant neoplasms of lymphoid, hematopoietic, and related tissues (C81-C96)	103	0	0	0	0	0	0	0	2	6	16	33	46	0
All other and unspecified malignant neoplasms (C40-C49, C69, C73-C80, C97)	100	0	0	0	0	0	0	0	1	9	16	17	57	0
Cerebrovascular diseases (I60-I69)	320	0	0	0	0	0	0	1	5	12	27	33	242	0

TABLE F-14. NUMBER OF DEATHS BY AGE FOR SELECTED LEADING CAUSES OF DEATH, NEW CASTLE COUNTY, DELAWARE, 2017

ALL RACES, BOTH SEXES - CON.

	Age of Decedent													
	Total	< 1	1-4	5-9	10-14	15-19	20-24	25-34	35-44	45-54	55-64	65-74	75+	Unk
Chronic lower respiratory diseases (J40-J47)	250	0	0	0	0	0	0	1	1	5	32	73	138	0
Accidents (unintentional injuries) (V01-X59, Y85-Y86)	389	3	2	0	1	7	20	76	72	69	55	21	63	0
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)	62	0	0	0	1	5	3	11	9	11	5	7	10	0
Nontransport Accidents (W00-X59, Y86)	326	3	2	0	0	2	17	65	63	58	50	13	53	0
Diabetes mellitus (E10-E14)	135	0	0	0	0	0	0	0	2	12	40	32	49	0
Influenza and pneumonia (J10-J18)	121	0	0	0	0	0	0	3	2	4	17	15	80	0
Alzheimer's disease (G30)	198	0	0	0	0	0	0	0	0	0	1	13	184	0
Nephritis, nephrotic syndrome, and nephrosis (N00-N07, N17-N19, N25-N27)	104	0	0	0	0	0	0	0	1	2	16	30	55	0
Septicemia (A40-A41)	61	1	0	0	0	0	0	0	1	1	7	21	30	0
Intentional self-harm (suicide) (X60-X84, Y87.0)	61	0	0	0	0	2	6	11	8	17	12	1	4	0
Chronic liver disease and cirrhosis (K70, K73-K74)	50	0	0	0	0	0	0	0	4	12	14	15	5	0
Essential hypertension and hypertensive renal disease (I10, I12)	23	0	0	0	0	0	0	0	0	1	4	5	13	0
Aortic aneurysm and dissection (I71)	30	0	0	0	0	0	0	0	1	3	2	8	16	0
Assault (homicide) (X85-Y09, Y87.1)	49	0	1	0	1	6	17	19	2	1	1	1	0	0
Human immunodeficiency virus (HIV) (B20-B24)	9	0	0	0	0	0	0	0	0	2	4	1	2	0
Certain conditions originating in the perinatal period (P00-P96)	26	26	0	0	0	0	0	0	0	0	0	0	0	0
Congenital malformations, deformations, and chromosomal abnormalities (Q00-Q99)	14	8	2	0	1	0	0	1	0	1	1	0	0	0
All other causes	978	10	3	0	3	0	4	17	26	50	114	144	607	0
TOTAL	4,881	48	8	0	7	15	47	143	162	326	688	933	2,504	0

Note: *ICD Codes, Tenth Revision.

Source: Delaware Department of Health and Social Services, Division of Public Health, Delaware Health Statistics Center

**TABLE F-15. NUMBER OF DEATHS BY AGE FOR SELECTED LEADING CAUSES OF DEATH, WILMINGTON, DELAWARE
ALL RACES, BOTH SEXES**

Cause of Death*	Age of Decedent													
	Total	< 1	1-4	5-9	10-14	15-19	20-24	25-34	35-44	45-54	55-64	65-74	75+	Unk
Diseases of the heart (I00-I09, I11, I13, I20-I51)	150	0	0	0	0	0	0	0	5	10	26	31	78	0
Acute rheumatic fever and chronic rheumatic heart disease (I00-I09)	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Hypertensive heart disease (I11)	8	0	0	0	0	0	0	0	0	1	3	1	3	0
Hypertensive heart and renal disease (I13)	6	0	0	0	0	0	0	0	0	2	1	1	2	0
Ischemic heart disease (I20-I25)	77	0	0	0	0	0	0	0	2	3	13	15	44	0
All other forms of heart disease (I26-I51)	59	0	0	0	0	0	0	0	3	4	9	14	29	0
Malignant neoplasms (C00-C97)	155	0	0	0	0	0	0	0	2	20	35	49	49	0
Malignant neoplasms of lip, oral cavity and pharynx (C00-C14)	3	0	0	0	0	0	0	0	0	1	1	1	0	0
Malignant neoplasms of digestive organs (C15-C26)	50	0	0	0	0	0	0	0	1	5	16	15	13	0
Malignant neoplasms of respiratory and intrathoracic organs (C30-C39)	48	0	0	0	0	0	0	0	0	4	10	20	14	0
Malignant neoplasms of breast (C50)	8	0	0	0	0	0	0	0	1	2	0	3	2	0
Malignant neoplasms of female genital organs, (C51-C58)	9	0	0	0	0	0	0	0	0	2	2	2	3	0
Malignant neoplasms of male genital organs, (C60-C63)	10	0	0	0	0	0	0	0	0	0	0	4	6	0
Malignant neoplasms of urinary tract (C64-C68)	4	0	0	0	0	0	0	0	0	2	0	1	1	0
Malignant neoplasms of meninges, brain, and other parts of central nervous system (C70-C72)	3	0	0	0	0	0	0	0	0	0	2	0	1	0
Malignant neoplasms of lymphoid, hematopoietic, and related tissues (C81-C96)	7	0	0	0	0	0	0	0	0	1	2	1	3	0
All other and unspecified malignant neoplasms (C40-C49, C69, C73-C80,C97)	13	0	0	0	0	0	0	0	0	3	2	2	6	0
Cerebrovascular diseases (I60-I69)	36	0	0	0	0	0	0	0	0	3	4	8	21	0

**TABLE F-15. NUMBER OF DEATHS BY AGE FOR SELECTED LEADING CAUSES OF DEATH, WILMINGTON, DELAWARE
ALL RACES, BOTH SEXES - CON.**

	Age of Decedent													
	Total	< 1	1-4	5-9	10-14	15-19	20-24	25-34	35-44	45-54	55-64	65-74	75+	Unk
Chronic lower respiratory diseases (J40-J47)	39	0	0	0	0	0	0	1	0	2	8	8	20	0
Accidents (unintentional injuries) (V01-X59, Y85-Y86)	77	2	1	0	0	2	5	12	12	19	16	5	3	0
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)	9	0	0	0	0	1	0	2	0	2	2	0	2	0
Nontransport Accidents (W00-X59, Y86)	68	2	1	0	0	1	5	10	12	17	14	5	1	0
Diabetes mellitus (E10-E14)	23	0	0	0	0	0	0	0	2	3	8	4	6	0
Influenza and pneumonia (J10-J18)	8	0	0	0	0	0	0	2	0	0	3	0	3	0
Alzheimer's disease (G30)	26	0	0	0	0	0	0	0	0	0	1	3	22	0
Nephritis, nephrotic syndrome, and nephrosis (N00-N07, N17-N19, N25-N27)	25	0	0	0	0	0	0	0	0	0	3	7	15	0
Septicemia (A40-A41)	13	1	0	0	0	0	0	0	1	0	1	3	7	0
Intentional self-harm (suicide) (X60-X84, Y87.0)	6	0	0	0	0	0	1	1	2	0	2	0	0	0
Chronic liver disease and cirrhosis (K70, K73-K74)	4	0	0	0	0	0	0	0	0	2	1	1	0	0
Essential hypertension and hypertensive renal disease (I10, I12)	4	0	0	0	0	0	0	0	0	0	1	1	2	0
Aortic aneurysm and dissection (I71)	2	0	0	0	0	0	0	0	0	1	0	0	1	0
Assault (homicide) (X85-Y09, Y87.1)	30	0	0	0	1	6	11	10	1	0	0	1	0	0
Human immunodeficiency virus (HIV) (B20-B24)	8	0	0	0	0	0	0	0	0	1	4	1	2	0
Certain conditions originating in the perinatal period (P00-P96)	6	6	0	0	0	0	0	0	0	0	0	0	0	0
Congenital malformations, deformations, and chromosomal abnormalities (Q00-Q99)	2	1	0	0	1	0	0	0	0	0	0	0	0	0
All other causes	124	5	0	0	0	0	1	0	5	9	17	20	67	0
TOTAL	738	15	1	0	2	8	18	26	30	70	130	142	296	0

Note: *ICD Codes, Tenth Revision.

Source: Delaware Department of Health and Social Services, Division of Public Health, Delaware Health Statistics Center

TABLE F-16. NUMBER OF DEATHS BY AGE FOR SELECTED LEADING CAUSES OF DEATH, SUSSEX COUNTY, DELAWARE, 2017

ALL RACES, BOTH SEXES

Cause of Death*	Age of Decedent													Unk
	Total	< 1	1-4	5-9	10-14	15-19	20-24	25-34	35-44	45-54	55-64	65-74	75+	
Diseases of the heart (I00-I09, I11, I13, I20-I51)	651	0	0	0	1	0	1	2	7	26	67	147	400	0
Acute rheumatic fever and chronic rheumatic heart disease (I00-I09)	7	0	0	0	0	0	0	0	0	0	1	1	5	0
Hypertensive heart disease (I11)	33	0	0	0	0	0	0	0	0	4	7	7	15	0
Hypertensive heart and renal disease (I13)	7	0	0	0	0	0	0	0	0	0	0	2	5	0
Ischemic heart disease (I20-I25)	424	0	0	0	0	0	0	1	3	15	40	99	266	0
All other forms of heart disease (I26-I51)	180	0	0	0	1	0	1	1	4	7	19	38	109	0
Malignant neoplasms (C00-C97)	597	0	0	0	0	0	1	0	5	31	97	204	259	0
Malignant neoplasms of lip, oral cavity and pharynx (C00-C14)	11	0	0	0	0	0	0	0	0	3	4	3	1	0
Malignant neoplasms of digestive organs (C15-C26)	153	0	0	0	0	0	0	0	1	6	21	58	67	0
Malignant neoplasms of respiratory and intrathoracic organs (C30-C39)	162	0	0	0	0	0	0	0	1	9	30	61	61	0
Malignant neoplasms of breast (C50)	37	0	0	0	0	0	0	0	0	7	5	10	15	0
Malignant neoplasms of female genital organs, (C51-C58)	38	0	0	0	0	0	1	0	2	3	12	12	8	0
Malignant neoplasms of male genital organs, (C60-C63)	20	0	0	0	0	0	0	0	0	0	3	5	12	0
Malignant neoplasms of urinary tract (C64-C68)	35	0	0	0	0	0	0	0	0	1	3	10	21	0
Malignant neoplasms of meninges, brain, and other parts of central nervous system (C70-C72)	11	0	0	0	0	0	0	0	0	1	1	5	4	0
Malignant neoplasms of lymphoid, hematopoietic, and related tissues (C81-C96)	59	0	0	0	0	0	0	0	0	1	5	17	36	0
All other and unspecified malignant neoplasms (C40-C49, C69, C73-C80,C97)	71	0	0	0	0	0	0	0	1	0	13	23	34	0
Cerebrovascular diseases (I60-I69)	152	0	0	0	0	0	0	1	1	3	13	23	111	0

TABLE F-16. NUMBER OF DEATHS BY AGE FOR SELECTED LEADING CAUSES OF DEATH, SUSSEX COUNTY, DELAWARE, 2017

ALL RACES, BOTH SEXES - CON.

	Age of Decedent													
	Total	< 1	1-4	5-9	10-14	15-19	20-24	25-34	35-44	45-54	55-64	65-74	75+	Unk
Chronic lower respiratory diseases (J40-J47)	175	0	0	0	0	0	0	0	0	10	13	44	108	0
Accidents (unintentional injuries) (V01-X59, Y85-Y86)	138	1	0	0	2	1	7	25	15	24	24	12	27	0
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)	32	1	0	0	1	0	2	6	2	7	6	4	3	0
Nontransport Accidents (W00-X59, Y86)	105	0	0	0	1	1	5	19	13	16	18	8	24	0
Diabetes mellitus (E10-E14)	60	0	0	0	0	0	0	0	1	5	7	23	24	0
Influenza and pneumonia (J10-J18)	37	1	0	0	0	0	0	0	1	0	2	6	27	0
Alzheimer's disease (G30)	114	0	0	0	0	0	0	0	0	0	0	12	102	0
Nephritis, nephrotic syndrome, and nephrosis (N00-N07, N17-N19, N25-N27)	64	0	0	0	0	0	0	0	0	4	4	10	46	0
Septicemia (A40-A41)	48	0	0	0	0	0	0	0	0	0	2	15	31	0
Intentional self-harm (suicide) (X60-X84, Y87.0)	31	0	0	0	0	0	2	3	7	7	4	6	2	0
Chronic liver disease and cirrhosis (K70, K73-K74)	39	0	0	0	0	0	0	1	3	5	14	7	9	0
Essential hypertension and hypertensive renal disease (I10, I12)	20	0	0	0	0	0	0	0	0	1	2	0	17	0
Aortic aneurysm and dissection (I71)	6	0	0	0	0	0	0	0	0	0	1	2	3	0
Assault (homicide) (X85-Y09, Y87.1)	5	0	0	0	0	2	1	0	1	0	1	0	0	0
Human immunodeficiency virus (HIV) (B20-B24)	6	0	0	0	0	0	0	1	0	1	3	0	1	0
Certain conditions originating in the perinatal period (P00-P96)	5	5	0	0	0	0	0	0	0	0	0	0	0	0
Congenital malformations, deformations, and chromosomal abnormalities (Q00-Q99)	8	5	1	0	0	0	0	0	1	0	0	1	0	0
All other causes	514	4	2	0	1	2	1	6	9	19	50	88	332	0
TOTAL	2,670	16	3	0	4	5	13	39	51	136	304	600	1,499	0

Note: ICD Codes, Tenth Revision.

Source: Delaware Department of Health and Social Services, Division of Public Health, Delaware Health Statistics Center

TABLE F-17. NUMBER OF DEATHS BY AGE FOR SELECTED LEADING CAUSES OF DEATH, DELAWARE, 2017
ALL RACES, MALES

Cause of Death*	Age of Decedent													
	Total	< 1	1-4	5-9	10-14	15-19	20-24	25-34	35-44	45-54	55-64	65-74	75+	Unk
Diseases of the heart (I00-I09, I11, I13, I20-I51)	1,064	0	0	0	1	0	1	7	17	74	134	275	555	0
Acute rheumatic fever and chronic rheumatic heart disease (I00-I09)	9	0	0	0	0	0	0	0	0	0	1	1	7	0
Hypertensive heart disease (I11)	74	0	0	0	0	0	0	1	2	18	11	21	21	0
Hypertensive heart and renal disease (I13)	14	0	0	0	0	0	0	0	0	4	1	3	6	0
Ischemic heart disease (I20-I25)	657	0	0	0	0	0	0	1	5	37	93	182	339	0
All other forms of heart disease (I26-I51)	310	0	0	0	1	0	1	5	10	15	28	68	182	0
Malignant neoplasms (C00-C97)	1,108	0	0	0	1	0	0	4	10	55	202	389	447	0
Malignant neoplasms of lip, oral cavity and pharynx (C00-C14)	36	0	0	0	0	0	0	0	0	5	7	17	7	0
Malignant neoplasms of digestive organs (C15-C26)	329	0	0	0	0	0	0	1	3	16	75	117	117	0
Malignant neoplasms of respiratory and intrathoracic organs (C30-C39)	321	0	0	0	0	0	0	0	2	15	61	122	121	0
Malignant neoplasms of breast (C50)	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Malignant neoplasms of male genital organs, (C60-C63)	84	0	0	0	0	0	0	0	0	1	8	25	50	0
Malignant neoplasms of urinary tract (C64-C68)	66	0	0	0	1	0	0	0	1	3	9	20	32	0
Malignant neoplasms of meninges, brain, and other parts of central nervous system (C70-C72)	30	0	0	0	0	0	0	1	1	3	7	13	5	0
Malignant neoplasms of lymphoid, hematopoietic, and related tissues (C81-C96)	114	0	0	0	0	0	0	1	1	5	16	40	51	0
All other and unspecified malignant neoplasms (C40-C49, C69, C73-C80, C97)	128	0	0	0	0	0	0	1	2	7	19	35	64	0
Cerebrovascular diseases (I60-I69)	241	0	0	0	0	0	0	2	5	12	20	41	161	0

TABLE F-17. NUMBER OF DEATHS BY AGE FOR SELECTED LEADING CAUSES OF DEATH, DELAWARE, 2017

ALL RACES, MALES - CON.

	Age of Decedent													
	Total	< 1	1-4	5-9	10-14	15-19	20-24	25-34	35-44	45-54	55-64	65-74	75+	Unk
Chronic lower respiratory diseases (J40-J47)	233	0	0	0	0	0	0	0	0	10	32	70	121	0
Accidents (unintentional injuries) (V01-X59, Y85-Y86)	414	2	2	1	3	6	28	84	72	77	64	28	47	0
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)	93	0	0	1	2	4	10	18	10	18	10	9	11	0
Nontransport Accidents (W00-X59, Y86)	319	2	2	0	1	2	18	66	62	58	54	18	36	0
Diabetes mellitus (E10-E14)	123	0	0	0	0	0	0	1	4	13	27	39	39	0
Influenza and pneumonia (J10-J18)	99	0	0	0	0	0	0	2	2	5	17	21	52	0
Alzheimer's disease (G30)	139	0	0	0	0	0	0	0	0	0	1	15	123	0
Nephritis, nephrotic syndrome, and nephrosis (N00-N07, N17-N19, N25-N27)	117	0	0	0	0	0	0	1	1	3	10	30	72	0
Septicemia (A40-A41)	59	1	0	0	0	0	0	0	1	1	9	17	30	0
Intentional self-harm (suicide) (X60-X84, Y87.0)	98	0	0	0	0	6	7	15	18	25	14	7	6	0
Chronic liver disease and cirrhosis (K70, K73-K74)	65	0	0	0	0	0	0	0	6	14	21	13	11	0
Essential hypertension and hypertensive renal disease (I10, I12)	21	0	0	0	0	0	0	0	0	2	3	3	13	0
Aortic aneurysm and dissection (I71)	26	0	0	0	0	0	0	0	1	3	4	4	14	0
Assault (homicide) (X85-Y09, Y87.1)	54	0	2	0	1	6	19	17	4	2	2	1	0	0
Human immunodeficiency virus (HIV) (B20-B24)	13	0	0	0	0	0	0	1	0	3	6	0	3	0
Certain conditions originating in the perinatal period (P00-P96)	18	18	0	0	0	0	0	0	0	0	0	0	0	0
Congenital malformations, deformations, and chromosomal abnormalities (Q00-Q99)	10	5	1	0	1	0	0	0	1	1	1	0	0	0
All other causes	845	9	3	1	2	2	0	16	22	52	111	160	467	0
TOTAL	4,747	35	8	2	9	20	55	150	164	352	678	1,113	2,161	0

Note: *ICD Codes, Tenth Revision.

Source: Delaware Department of Health and Social Services, Division of Public Health, Delaware Health Statistics Center

TABLE F-18. NUMBER OF DEATHS BY AGE FOR SELECTED LEADING CAUSES OF DEATH, DELAWARE, 2017
ALL RACES, FEMALES

Cause of Death*	Age of Decedent													
	Total	< 1	1-4	5-9	10-14	15-19	20-24	25-34	35-44	45-54	55-64	65-74	75+	Unk
Diseases of the heart (I00-I09, I11, I13, I20-I51)	915	0	0	0	0	0	1	5	13	37	85	149	625	0
Acute rheumatic fever and chronic rheumatic heart disease (I00-I09)	10	0	0	0	0	0	0	1	0	0	2	1	6	0
Hypertensive heart disease (I11)	56	0	0	0	0	0	0	0	0	5	7	9	35	0
Hypertensive heart and renal disease (I13)	13	0	0	0	0	0	0	0	0	0	1	2	10	0
Ischemic heart disease (I20-I25)	475	0	0	0	0	0	0	1	6	16	49	84	319	0
All other forms of heart disease (I26-I51)	361	0	0	0	0	0	1	3	7	16	26	53	255	0
Malignant neoplasms (C00-C97)	977	0	0	0	0	0	2	4	15	72	215	257	412	0
Malignant neoplasms of lip, oral cavity and pharynx (C00-C14)	2	0	0	0	0	0	0	0	0	0	1	0	1	0
Malignant neoplasms of digestive organs (C15-C26)	245	0	0	0	0	0	0	0	4	15	51	62	113	0
Malignant neoplasms of respiratory and intrathoracic organs (C30-C39)	247	0	0	0	0	0	0	0	1	15	60	80	91	0
Malignant neoplasms of breast (C50)	150	0	0	0	0	0	0	1	5	21	34	32	57	0
Malignant neoplasms of female genital organs, (C51-C58)	110	0	0	0	0	0	1	3	2	8	36	30	30	0
Malignant neoplasms of urinary tract (C64-C68)	31	0	0	0	0	0	0	0	1	1	3	8	18	0
Malignant neoplasms of meninges, brain, and other parts of central nervous system (C70-C72)	21	0	0	0	0	0	1	0	1	3	5	6	5	0
Malignant neoplasms of lymphoid, hematopoietic, and related tissues (C81-C96)	90	0	0	0	0	0	0	0	1	4	11	22	52	0
All other and unspecified malignant neoplasms (C40-C49, C69, C73-C80, C97)	81	0	0	0	0	0	0	0	0	5	14	17	45	0
Cerebrovascular diseases (I60-I69)	328	0	0	0	0	0	0	0	2	6	26	30	264	0

TABLE F-18. NUMBER OF DEATHS BY AGE FOR SELECTED LEADING CAUSES OF DEATH, DELAWARE, 2017
ALL RACES, FEMALES - CON.

	Age of Decedent													Unk
	Total	< 1	1-4	5-9	10-14	15-19	20-24	25-34	35-44	45-54	55-64	65-74	75+	
Chronic lower respiratory diseases (J40-J47)	291	0	0	0	0	0	0	1	1	6	22	82	179	0
Accidents (unintentional injuries) (V01-X59, Y85-Y86)	213	2	0	0	0	2	13	31	29	36	30	10	60	0
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)	35	1	0	0	0	1	1	2	6	9	8	2	5	0
Nontransport Accidents (W00-X59, Y86)	178	1	0	0	0	1	12	29	23	27	22	8	55	0
Diabetes mellitus (E10-E14)	122	0	0	0	0	0	0	0	2	9	33	25	53	0
Influenza and pneumonia (J10-J18)	85	1	0	0	0	0	0	1	1	1	5	9	67	0
Alzheimer's disease (G30)	237	0	0	0	0	0	0	1	0	0	0	11	225	0
Nephritis, nephrotic syndrome, and nephrosis (N00-N07, N17-N19, N25-N27)	89	0	0	0	0	0	0	0	0	7	12	19	51	0
Septicemia (A40-A41)	74	0	0	0	0	0	0	0	0	1	9	23	41	0
Intentional self-harm (suicide) (X60-X84, Y87.0)	14	0	0	0	0	0	1	2	2	2	3	1	3	0
Chronic liver disease and cirrhosis (K70, K73-K74)	41	0	0	0	0	0	0	1	3	6	12	10	9	0
Essential hypertension and hypertensive renal disease (I10, I12)	30	0	0	0	0	0	0	0	0	0	3	5	22	0
Aortic aneurysm and dissection (I71)	12	0	0	0	0	0	0	0	0	0	0	6	6	0
Assault (homicide) (X85-Y09, Y87.1)	11	0	0	0	0	2	1	5	0	1	0	1	1	0
Human immunodeficiency virus (HIV) (B20-B24)	3	0	0	0	0	0	0	0	0	1	1	1	0	0
Certain conditions originating in the perinatal period (P00-P96)	17	17	0	0	0	0	0	0	0	0	0	0	0	0
Congenital malformations, deformations, and chromosomal abnormalities (Q00-Q99)	15	9	3	0	0	0	0	1	0	1	0	1	0	0
All Other Causes	952	8	2	0	2	1	7	11	18	29	95	128	651	0
TOTAL	4,426	37	5	0	2	5	25	63	86	215	551	768	2,669	0

Note: *ICD Codes, Tenth Revision.

Source: Delaware Department of Health and Social Services, Division of Public Health, Delaware Health Statistics Center

TABLE F-19. NUMBER OF DEATHS BY AGE FOR SELECTED LEADING CAUSES OF DEATH, DELAWARE, 2017

NON-HISPANIC WHITE, BOTH SEXES

Cause of Death*	Age of Decedent													
	Total	< 1	1-4	5-9	10-14	15-19	20-24	25-34	35-44	45-54	55-64	65-74	75+	Unk
Diseases of the heart (I00-I09, I11, I13, I20-I51)	1,588	0	0	0	1	0	0	7	18	75	157	325	1,005	0
Acute rheumatic fever and chronic rheumatic heart disease (I00-I09)	18	0	0	0	0	0	0	1	0	0	2	2	13	0
Hypertensive heart disease (I11)	103	0	0	0	0	0	0	1	1	16	14	24	47	0
Hypertensive heart and renal disease (I13)	17	0	0	0	0	0	0	0	0	1	0	2	14	0
Ischemic heart disease (I20-I25)	919	0	0	0	0	0	0	1	8	41	108	210	551	0
All other forms of heart disease (I26-I51)	531	0	0	0	1	0	0	4	9	17	33	87	380	0
Malignant neoplasms (C00-C97)	1,626	0	0	0	1	0	1	6	15	85	315	489	714	0
Malignant neoplasms of lip, oral cavity and pharynx (C00-C14)	29	0	0	0	0	0	0	0	0	4	7	11	7	0
Malignant neoplasms of digestive organs (C15-C26)	414	0	0	0	0	0	0	1	6	22	81	126	178	0
Malignant neoplasms of respiratory and intrathoracic organs (C30-C39)	464	0	0	0	0	0	0	0	1	18	101	164	180	0
Malignant neoplasms of breast (C50)	108	0	0	0	0	0	0	0	0	14	25	22	47	0
Malignant neoplasms of female genital organs, (C51-C58)	87	0	0	0	0	0	1	2	1	6	30	23	24	0
Malignant neoplasms of male genital organs, (C60-C63)	60	0	0	0	0	0	0	0	0	1	6	14	39	0
Malignant neoplasms of urinary tract (C64-C68)	81	0	0	0	1	0	0	0	2	2	9	25	42	0
Malignant neoplasms of meninges, brain, and other parts of central nervous system (C70-C72)	43	0	0	0	0	0	0	1	2	6	8	17	9	0
Malignant neoplasms of lymphoid, hematopoietic, and related tissues (C81-C96)	160	0	0	0	0	0	0	1	1	5	18	49	86	0
All other and unspecified malignant neoplasms (C40-C49, C69, C73-C80, C97)	180	0	0	0	0	0	0	1	2	7	30	38	102	0
Cerebrovascular diseases (I60-I69)	418	0	0	0	0	0	0	1	4	7	32	48	326	0

TABLE F-19. NUMBER OF DEATHS BY AGE FOR SELECTED LEADING CAUSES OF DEATH, DELAWARE, 2017

NON-HISPANIC WHITE, BOTH SEXES - CON.

	Age of Decedent													
	Total	< 1	1-4	5-9	10-14	15-19	20-24	25-34	35-44	45-54	55-64	65-74	75+	Unk
Chronic lower respiratory diseases (J40-J47)	449	0	0	0	0	0	0	0	0	11	37	134	267	0
Accidents (unintentional injuries) (V01-X59, Y85-Y86)	469	0	0	1	2	5	27	87	76	79	72	26	94	0
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)	86	0	0	1	2	4	6	14	9	16	14	7	13	0
Nontransport Accidents (W00-X59, Y86)	381	0	0	0	0	1	21	73	67	62	58	18	81	0
Diabetes mellitus (E10-E14)	161	0	0	0	0	0	0	0	2	13	37	43	66	0
Influenza and pneumonia (J10-J18)	151	1	0	0	0	0	0	0	2	5	17	22	104	0
Alzheimer's disease (G30)	309	0	0	0	0	0	0	0	0	0	1	19	289	0
Nephritis, nephrotic syndrome, and nephrosis (N00-N07, N17-N19, N25-N27)	129	0	0	0	0	0	0	1	0	4	10	25	89	0
Septicemia (A40-A41)	105	0	0	0	0	0	0	0	0	1	14	32	58	0
Intentional self-harm (suicide) (X60-X84, Y87.0)	98	0	0	0	0	4	6	12	18	25	16	8	9	0
Chronic liver disease and cirrhosis (K70, K73-K74)	87	0	0	0	0	0	0	1	7	15	25	21	18	0
Essential hypertension and hypertensive renal disease (I10, I12)	37	0	0	0	0	0	0	0	0	0	3	4	30	0
Aortic aneurysm and dissection (I71)	31	0	0	0	0	0	0	0	0	2	4	7	18	0
Assault (homicide) (X85-Y09, Y87.1)	11	0	1	0	0	1	1	3	0	2	1	1	1	0
Human immunodeficiency virus (HIV) (B20-B24)	2	0	0	0	0	0	0	0	0	1	1	0	0	0
Certain conditions originating in the perinatal period (P00-P96)	8	8	0	0	0	0	0	0	0	0	0	0	0	0
Congenital malformations, deformations, and chromosomal abnormalities (Q00-Q99)	14	6	3	0	0	0	0	0	1	2	1	1	0	0
All other causes	1,402	3	0	1	2	2	4	17	22	55	148	216	932	0
TOTAL	7,095	18	4	2	6	12	39	135	165	382	891	1,421	4,020	0

Note:*ICD Codes, Tenth Revision.

Source: Delaware Department of Health and Social Services, Division of Public Health, Delaware Health Statistics Center

TABLE F-20. NUMBER OF DEATHS BY AGE FOR SELECTED LEADING CAUSES OF DEATH, DELAWARE, 2017
NON-HISPANIC WHITE MALES

Cause of Death*	Age of Decedent												Unk	
	Total	< 1	1-4	5-9	10-14	15-19	20-24	25-34	35-44	45-54	55-64	65-74		75+
Diseases of the heart (I00-I09, I11, I13, I20-I51)	857	0	0	0	1	0	0	6	9	50	96	214	481	0
Acute rheumatic fever and chronic rheumatic heart disease (I00-I09)	9	0	0	0	0	0	0	0	0	0	1	1	7	0
Hypertensive heart disease (I11)	55	0	0	0	0	0	0	1	1	12	8	17	16	0
Hypertensive heart and renal disease (I13)	8	0	0	0	0	0	0	0	0	1	0	1	6	0
Ischemic heart disease (I20-I25)	543	0	0	0	0	0	0	1	3	28	73	145	293	0
All other forms of heart disease (I26-I51)	242	0	0	0	1	0	0	4	5	9	14	50	159	0
Malignant neoplasms (C00-C97)	885	0	0	0	1	0	0	4	7	40	160	298	375	0
Malignant neoplasms of lip, oral cavity and pharynx (C00-C14)	27	0	0	0	0	0	0	0	0	4	6	11	6	0
Malignant neoplasms of digestive organs (C15-C26)	241	0	0	0	0	0	0	1	2	11	55	82	90	0
Malignant neoplasms of respiratory and intrathoracic organs (C30-C39)	268	0	0	0	0	0	0	0	1	10	50	101	106	0
Malignant neoplasms of breast (C50)	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Malignant neoplasms of male genital organs, (C60-C63)	60	0	0	0	0	0	0	0	0	1	6	14	39	0
Malignant neoplasms of urinary tract (C64-C68)	57	0	0	0	1	0	0	0	1	2	7	18	28	0
Malignant neoplasms of meninges, brain, and other parts of central nervous system (C70-C72)	28	0	0	0	0	0	0	1	1	3	6	12	5	0
Malignant neoplasms of lymphoid, hematopoietic, and related tissues (C81-C96)	88	0	0	0	0	0	0	1	0	3	11	32	41	0
All other and unspecified malignant neoplasms (C40-C49, C69, C73-C80,C97)	116	0	0	0	0	0	0	1	2	6	19	28	60	0
Cerebrovascular diseases (I60-I69)	170	0	0	0	0	0	0	1	4	5	12	30	118	0

**TABLE F-20. NUMBER OF DEATHS BY AGE FOR SELECTED LEADING CAUSES OF DEATH, DELAWARE, 2017
NON-HISPANIC WHITE MALES - CON.**

	Age of Decedent													
	Total	< 1	1-4	5-9	10-14	15-19	20-24	25-34	35-44	45-54	55-64	65-74	75+	Unk
Chronic lower respiratory diseases (J40-J47)	197	0	0	0	0	0	0	0	0	6	19	63	109	0
Accidents (unintentional injuries) (V01-X59, Y85-Y86)	298	0	0	1	2	3	19	63	51	52	50	19	38	0
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)	60	0	0	1	2	3	5	12	5	9	9	6	8	0
Nontransport Accidents (W00-X59, Y86)	236	0	0	0	0	0	14	51	46	42	41	12	30	0
Diabetes mellitus (E10-E14)	72	0	0	0	0	0	0	0	1	5	15	26	25	0
Influenza and pneumonia (J10-J18)	77	0	0	0	0	0	0	0	2	4	12	15	44	0
Alzheimer's disease (G30)	123	0	0	0	0	0	0	0	0	0	1	12	110	0
Nephritis, nephrotic syndrome, and nephrosis (N00-N07, N17-N19, N25-N27)	76	0	0	0	0	0	0	1	0	2	4	16	53	0
Septicemia (A40-A41)	44	0	0	0	0	0	0	0	0	0	6	13	25	0
Intentional self-harm (suicide) (X60-X84, Y87.0)	84	0	0	0	0	4	5	10	16	23	13	7	6	0
Chronic liver disease and cirrhosis (K70, K73-K74)	53	0	0	0	0	0	0	0	4	12	17	11	9	0
Essential hypertension and hypertensive renal disease (I10, I12)	14	0	0	0	0	0	0	0	0	0	2	1	11	0
Aortic aneurysm and dissection (I71)	22	0	0	0	0	0	0	0	0	2	4	3	13	0
Assault (homicide) (X85-Y09, Y87.1)	6	0	1	0	0	1	0	2	0	1	1	0	0	0
Human immunodeficiency virus (HIV) (B20-B24)	2	0	0	0	0	0	0	0	0	1	1	0	0	0
Certain conditions originating in the perinatal period (P00-P96)	5	5	0	0	0	0	0	0	0	0	0	0	0	0
Congenital malformations, deformations, and chromosomal abnormalities (Q00-Q99)	5	1	1	0	0	0	0	0	1	1	1	0	0	0
All other causes	654	1	0	1	1	1	0	9	11	36	82	125	387	0
TOTAL	3,644	7	2	2	5	9	24	96	106	240	496	853	1,804	0

Note: *ICD Codes, Tenth Revision.

Source: Delaware Department of Health and Social Services, Division of Public Health, Delaware Health Statistics Center

TABLE F-21. NUMBER OF DEATHS BY AGE FOR SELECTED LEADING CAUSES OF DEATH, DELAWARE, 2017

NON-HISPANIC WHITE FEMALES

Cause of Death*	Age of Decedent													Unk
	Total	< 1	1-4	5-9	10-14	15-19	20-24	25-34	35-44	45-54	55-64	65-74	75+	
Diseases of the heart (I00-I09, I11, I13, I20-I51)	731	0	0	0	0	0	0	1	9	25	61	111	524	0
Acute rheumatic fever and chronic rheumatic heart disease (I00-I09)	9	0	0	0	0	0	0	1	0	0	1	1	6	0
Hypertensive heart disease (I11)	48	0	0	0	0	0	0	0	0	4	6	7	31	0
Hypertensive heart and renal disease (I13)	9	0	0	0	0	0	0	0	0	0	0	1	8	0
Ischemic heart disease (I20-I25)	376	0	0	0	0	0	0	0	5	13	35	65	258	0
All other forms of heart disease (I26-I51)	289	0	0	0	0	0	0	0	4	8	19	37	221	0
Malignant neoplasms (C00-C97)	741	0	0	0	0	0	1	2	8	45	155	191	339	0
Malignant neoplasms of lip, oral cavity and pharynx (C00-C14)	2	0	0	0	0	0	0	0	0	0	1	0	1	0
Malignant neoplasms of digestive organs (C15-C26)	173	0	0	0	0	0	0	0	4	11	26	44	88	0
Malignant neoplasms of respiratory and intrathoracic organs (C30-C39)	196	0	0	0	0	0	0	0	0	8	51	63	74	0
Malignant neoplasms of breast (C50)	108	0	0	0	0	0	0	0	0	14	25	22	47	0
Malignant neoplasms of female genital organs, (C51-C58)	87	0	0	0	0	0	1	2	1	6	30	23	24	0
Malignant neoplasms of urinary tract (C64-C68)	24	0	0	0	0	0	0	0	1	0	2	7	14	0
Malignant neoplasms of meninges, brain, and other parts of central nervous system (C70-C72)	15	0	0	0	0	0	0	0	1	3	2	5	4	0
Malignant neoplasms of lymphoid, hematopoietic, and related tissues (C81-C96)	72	0	0	0	0	0	0	0	1	2	7	17	45	0
All other and unspecified malignant neoplasms (C40-C49, C69, C73-C80,C97)	64	0	0	0	0	0	0	0	0	1	11	10	42	0
Cerebrovascular diseases (I60-I69)	248	0	0	0	0	0	0	0	0	2	20	18	208	0

TABLE F-21. NUMBER OF DEATHS BY AGE FOR SELECTED LEADING CAUSES OF DEATH, DELAWARE, 2017

NON-HISPANIC WHITE FEMALES - CON.

	Age of Decedent													
	Total	< 1	1-4	5-9	10-14	15-19	20-24	25-34	35-44	45-54	55-64	65-74	75+	Unk
Chronic lower respiratory diseases (J40-J47)	252	0	0	0	0	0	0	0	0	5	18	71	158	0
Accidents (unintentional injuries) (V01-X59, Y85-Y86)	171	0	0	0	0	2	8	24	25	27	22	7	56	0
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)	26	0	0	0	0	1	1	2	4	7	5	1	5	0
Nontransport Accidents (W00-X59, Y86)	145	0	0	0	0	1	7	22	21	20	17	6	51	0
Diabetes mellitus (E10-E14)	89	0	0	0	0	0	0	0	1	8	22	17	41	0
Influenza and pneumonia (J10-J18)	74	1	0	0	0	0	0	0	0	1	5	7	60	0
Alzheimer's disease (G30)	186	0	0	0	0	0	0	0	0	0	0	7	179	0
Nephritis, nephrotic syndrome, and nephrosis (N00-N07, N17-N19, N25-N27)	53	0	0	0	0	0	0	0	0	2	6	9	36	0
Septicemia (A40-A41)	61	0	0	0	0	0	0	0	0	1	8	19	33	0
Intentional self-harm (suicide) (X60-X84, Y87.0)	14	0	0	0	0	0	1	2	2	2	3	1	3	0
Chronic liver disease and cirrhosis (K70, K73-K74)	34	0	0	0	0	0	0	1	3	3	8	10	9	0
Essential hypertension and hypertensive renal disease (I10, I12)	23	0	0	0	0	0	0	0	0	0	1	3	19	0
Aortic aneurysm and dissection (I71)	9	0	0	0	0	0	0	0	0	0	0	4	5	0
Assault (homicide) (X85-Y09, Y87.1)	5	0	0	0	0	0	1	1	0	1	0	1	1	0
Human immunodeficiency virus (HIV) (B20-B24)	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Certain conditions originating in the perinatal period (P00-P96)	3	3	0	0	0	0	0	0	0	0	0	0	0	0
Congenital malformations, deformations, and chromosomal abnormalities (Q00-Q99)	9	5	2	0	0	0	0	0	0	1	0	1	0	0
All other causes	748	2	0	0	1	1	4	8	11	19	66	91	545	0
TOTAL	3,451	11	2	0	1	3	15	39	59	142	395	568	2,216	0

Note: *ICD Codes, Tenth Revision.

Source: Delaware Department of Health and Social Services, Division of Public Health, Delaware Health Statistics Center

TABLE F-22. NUMBER OF DEATHS BY AGE FOR SELECTED LEADING CAUSES OF DEATH, DELAWARE, 2017
NON-HISPANIC BLACK, BOTH SEXES

Cause of Death*	Age of Decedent													
	Total	<1	1-4	5-9	10-14	15-19	20-24	25-34	35-44	45-54	55-64	65-74	75+	Unk
Diseases of the heart (I00-I09, I11, I13, I20-I51)	325	0	0	0	0	0	2	5	10	35	49	83	141	0
Acute rheumatic fever and chronic rheumatic heart disease (I00-I09)	1	0	0	0	0	0	0	0	0	0	1	0	0	0
Hypertensive heart disease (I11)	23	0	0	0	0	0	0	0	1	7	1	6	8	0
Hypertensive heart and renal disease (I13)	9	0	0	0	0	0	0	0	0	3	2	3	1	0
Ischemic heart disease (I20-I25)	176	0	0	0	0	0	0	1	2	11	27	47	88	0
All other forms of heart disease (I26-I51)	116	0	0	0	0	0	2	4	7	14	18	27	44	0
Malignant neoplasms (C00-C97)	394	0	0	0	0	0	1	2	7	34	91	131	128	0
Malignant neoplasms of lip, oral cavity and pharynx (C00-C14)	6	0	0	0	0	0	0	0	0	1	1	3	1	0
Malignant neoplasms of digestive organs (C15-C26)	138	0	0	0	0	0	0	0	1	8	38	45	46	0
Malignant neoplasms of respiratory and intrathoracic organs (C30-C39)	90	0	0	0	0	0	0	0	2	10	19	32	27	0
Malignant neoplasms of breast (C50)	35	0	0	0	0	0	0	1	4	6	6	8	10	0
Malignant neoplasms of female genital organs, (C51-C58)	22	0	0	0	0	0	0	1	0	2	6	7	6	0
Malignant neoplasms of male genital organs, (C60-C63)	21	0	0	0	0	0	0	0	0	0	2	10	9	0
Malignant neoplasms of urinary tract (C64-C68)	13	0	0	0	0	0	0	0	0	2	3	0	8	0
Malignant neoplasms of meninges, brain, and other parts of central nervous system (C70-C72)	7	0	0	0	0	0	1	0	0	0	4	1	1	0
Malignant neoplasms of lymphoid, hematopoietic, and related tissues (C81-C96)	37	0	0	0	0	0	0	0	0	3	9	11	14	0
All other and unspecified malignant neoplasms (C40-C49, C69, C73-C80, C97)	25	0	0	0	0	0	0	0	0	2	3	14	6	0
Cerebrovascular diseases (I60-I69)	117	0	0	0	0	0	0	0	2	10	11	21	73	0

**TABLE F-22. NUMBER OF DEATHS BY AGE FOR SELECTED LEADING CAUSES OF DEATH, DELAWARE, 2017
NON-HISPANIC BLACK, BOTH SEXES - CON.**

	Age of Decedent													
	Total	< 1	1-4	5-9	10-14	15-19	20-24	25-34	35-44	45-54	55-64	65-74	75+	Unk
Chronic lower respiratory diseases (J40-J47)	68	0	0	0	0	0	0	1	1	5	15	16	30	0
Accidents (unintentional injuries) (V01-X59, Y85-Y86)	120	3	2	0	1	1	13	21	17	26	16	10	10	0
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)	36	0	0	0	0	1	5	4	6	11	4	2	3	0
Nontransport Accidents (W00-X59, Y86)	84	3	2	0	1	0	8	17	11	15	12	8	7	0
Diabetes mellitus (E10-E14)	71	0	0	0	0	0	0	1	3	8	22	18	19	0
Influenza and pneumonia (J10-J18)	25	0	0	0	0	0	0	2	1	0	5	6	11	0
Alzheimer's disease (G30)	50	0	0	0	0	0	0	0	0	0	0	4	46	0
Nephritis, nephrotic syndrome, and nephrosis (N00-N07, N17-N19, N25-N27)	68	0	0	0	0	0	0	0	1	4	12	21	30	0
Septicemia (A40-A41)	25	1	0	0	0	0	0	0	0	1	4	8	11	0
Intentional self-harm (suicide) (X60-X84, Y87.0)	10	0	0	0	0	2	0	4	2	1	1	0	0	0
Chronic liver disease and cirrhosis (K70, K73-K74)	16	0	0	0	0	0	0	0	0	4	8	2	2	0
Essential hypertension and hypertensive renal disease (I10, I12)	10	0	0	0	0	0	0	0	0	1	2	4	3	0
Aortic aneurysm and dissection (I71)	6	0	0	0	0	0	0	0	1	1	0	2	2	0
Assault (homicide) (X85-Y09, Y87.1)	51	0	1	0	1	7	18	18	4	1	0	1	0	0
Human immunodeficiency virus (HIV) (B20-B24)	11	0	0	0	0	0	0	0	0	3	5	0	3	0
Certain conditions originating in the perinatal period (P00-P96)	17	17	0	0	0	0	0	0	0	0	0	0	0	0
Congenital malformations, deformations, and chromosomal abnormalities (Q00-Q99)	6	4	0	0	1	0	0	1	0	0	0	0	0	0
All other causes	313	12	3	0	1	1	3	8	15	19	53	61	137	0
TOTAL	1,703	37	6	0	4	11	37	63	64	153	294	388	646	0

Note: *ICD Codes, Tenth Revision.

Source: Delaware Department of Health and Social Services, Division of Public Health, Delaware Health Statistics Center

TABLE F-23. NUMBER OF DEATHS BY AGE FOR SELECTED LEADING CAUSES OF DEATH, DELAWARE, 2017

NON-HISPANIC BLACK MALES

Cause of Death*	Age of Decedent													
	Total	< 1	1-4	5-9	10-14	15-19	20-24	25-34	35-44	45-54	55-64	65-74	75+	Unk
Diseases of the heart (I00-I09, I11, I13, I20-I51)	167	0	0	0	0	0	1	1	6	24	29	50	56	0
Acute rheumatic fever and chronic rheumatic heart disease (I00-I09)	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Hypertensive heart disease (I11)	17	0	0	0	0	0	0	0	1	6	1	4	5	0
Hypertensive heart and renal disease (I13)	6	0	0	0	0	0	0	0	0	3	1	2	0	0
Ischemic heart disease (I20-I25)	92	0	0	0	0	0	0	0	1	9	15	31	36	0
All other forms of heart disease (I26-I51)	52	0	0	0	0	0	1	1	4	6	12	13	15	0
Malignant neoplasms (C00-C97)	184	0	0	0	0	0	0	0	2	13	38	71	60	0
Malignant neoplasms of lip, oral cavity and pharynx (C00-C14)	6	0	0	0	0	0	0	0	0	1	1	3	1	0
Malignant neoplasms of digestive organs (C15-C26)	73	0	0	0	0	0	0	0	1	4	17	28	23	0
Malignant neoplasms of respiratory and intrathoracic organs (C30-C39)	45	0	0	0	0	0	0	0	1	5	10	17	12	0
Malignant neoplasms of breast (C50)	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Malignant neoplasms of male genital organs, (C60-C63)	21	0	0	0	0	0	0	0	0	0	2	10	9	0
Malignant neoplasms of urinary tract (C64-C68)	7	0	0	0	0	0	0	0	0	1	2	0	4	0
Malignant neoplasms of meninges, brain, and other parts of central nervous system (C70-C72)	1	0	0	0	0	0	0	0	0	0	1	0	0	0
Malignant neoplasms of lymphoid, hematopoietic, and related tissues (C81-C96)	21	0	0	0	0	0	0	0	0	2	5	6	8	0
All other and unspecified malignant neoplasms (C40-C49, C69, C73-C80, C97)	10	0	0	0	0	0	0	0	0	0	0	7	3	0
Cerebrovascular diseases (I60-I69)	59	0	0	0	0	0	0	0	0	6	7	10	36	0

TABLE F-23. NUMBER OF DEATHS BY AGE FOR SELECTED LEADING CAUSES OF DEATH, DELAWARE, 2017
NON-HISPANIC BLACK MALES - CON.

	Age of Decedent													
	Total	< 1	1-4	5-9	10-14	15-19	20-24	25-34	35-44	45-54	55-64	65-74	75+	Unk
Chronic lower respiratory diseases (J40-J47)	34	0	0	0	0	0	0	0	0	4	11	7	12	0
Accidents (unintentional injuries) (V01-X59, Y85-Y86)	84	2	2	0	1	1	8	14	14	19	9	8	6	0
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)	29	0	0	0	0	1	5	4	4	9	1	2	3	0
Nontransport Accidents (W00-X59, Y86)	55	2	2	0	1	0	3	10	10	10	8	6	3	0
Diabetes mellitus (E10-E14)	44	0	0	0	0	0	0	1	2	7	11	12	11	0
Influenza and pneumonia (J10-J18)	17	0	0	0	0	0	0	1	0	0	5	4	7	0
Alzheimer's disease (G30)	10	0	0	0	0	0	0	0	0	0	0	1	9	0
Nephritis, nephrotic syndrome, and nephrosis (N00-N07, N17-N19, N25-N27)	35	0	0	0	0	0	0	0	1	1	6	12	15	0
Septicemia (A40-A41)	13	1	0	0	0	0	0	0	0	1	3	4	4	0
Intentional self-harm (suicide) (X60-X84, Y87.0)	10	0	0	0	0	2	0	4	2	1	1	0	0	0
Chronic liver disease and cirrhosis (K70, K73-K74)	10	0	0	0	0	0	0	0	0	2	4	2	2	0
Essential hypertension and hypertensive renal disease (I10, I12)	4	0	0	0	0	0	0	0	0	1	1	2	0	0
Aortic aneurysm and dissection (I71)	3	0	0	0	0	0	0	0	1	1	0	0	1	0
Assault (homicide) (X85-Y09, Y87.1)	45	0	1	0	1	5	18	14	4	1	0	1	0	0
Human immunodeficiency virus (HIV) (B20-B24)	10	0	0	0	0	0	0	0	0	2	5	0	3	0
Certain conditions originating in the perinatal period (P00-P96)	8	8	0	0	0	0	0	0	0	0	0	0	0	0
Congenital malformations, deformations, and chromosomal abnormalities (Q00-Q99)	3	2	0	0	1	0	0	0	0	0	0	0	0	0
All other causes	152	6	2	0	0	1	0	5	10	11	27	32	58	0
TOTAL	892	19	5	0	3	9	27	40	42	94	157	216	280	0

Note: *ICD Codes, Tenth Revision.

Source: Delaware Department of Health and Social Services, Division of Public Health, Delaware Health Statistics Center

TABLE F-24. NUMBER OF DEATHS BY AGE FOR SELECTED LEADING CAUSES OF DEATH, DELAWARE, 2017

NON-HISPANIC BLACK FEMALES

Cause of Death*	Age of Decedent													
	Total	< 1	1-4	5-9	10-14	15-19	20-24	25-34	35-44	45-54	55-64	65-74	75+	Unk
Diseases of the heart (I00-I09, I11, I13, I20-I51)	158	0	0	0	0	0	1	4	4	11	20	33	85	0
Acute rheumatic fever and chronic rheumatic heart disease (I00-I09)	1	0	0	0	0	0	0	0	0	0	1	0	0	0
Hypertensive heart disease (I11)	6	0	0	0	0	0	0	0	0	1	0	2	3	0
Hypertensive heart and renal disease (I13)	3	0	0	0	0	0	0	0	0	0	1	1	1	0
Ischemic heart disease (I20-I25)	84	0	0	0	0	0	0	1	1	2	12	16	52	0
All other forms of heart disease (I26-I51)	64	0	0	0	0	0	1	3	3	8	6	14	29	0
Malignant neoplasms (C00-C97)	210	0	0	0	0	0	1	2	5	21	53	60	68	0
Malignant neoplasms of lip, oral cavity and pharynx (C00-C14)	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Malignant neoplasms of digestive organs (C15-C26)	65	0	0	0	0	0	0	0	0	4	21	17	23	0
Malignant neoplasms of respiratory and intrathoracic organs (C30-C39)	45	0	0	0	0	0	0	0	1	5	9	15	15	0
Malignant neoplasms of breast (C50)	35	0	0	0	0	0	0	1	4	6	6	8	10	0
Malignant neoplasms of female genital organs, (C51-C58)	22	0	0	0	0	0	0	1	0	2	6	7	6	0
Malignant neoplasms of urinary tract (C64-C68)	6	0	0	0	0	0	0	0	0	1	1	0	4	0
Malignant neoplasms of meninges, brain, and other parts of central nervous system (C70-C72)	6	0	0	0	0	0	1	0	0	0	3	1	1	0
Malignant neoplasms of lymphoid, hematopoietic, and related tissues (C81-C96)	16	0	0	0	0	0	0	0	0	1	4	5	6	0
All other and unspecified malignant neoplasms (C40-C49, C69, C73-C80,C97)	15	0	0	0	0	0	0	0	0	2	3	7	3	0
Cerebrovascular diseases (I60-I69)	58	0	0	0	0	0	0	0	2	4	4	11	37	0

TABLE F-24. NUMBER OF DEATHS BY AGE FOR SELECTED LEADING CAUSES OF DEATH, DELAWARE, 2017

NON-HISPANIC BLACK FEMALES - CON.

	Age of Decedent													Unk
	Total	< 1	1-4	5-9	10-14	15-19	20-24	25-34	35-44	45-54	55-64	65-74	75+	
Chronic lower respiratory diseases (J40-J47)	34	0	0	0	0	0	0	1	1	1	4	9	18	0
Accidents (unintentional injuries) (V01-X59, Y85-Y86)	36	1	0	0	0	0	5	7	3	7	7	2	4	0
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)	7	0	0	0	0	0	0	0	2	2	3	0	0	0
Nontransport Accidents (W00-X59, Y86)	29	1	0	0	0	0	5	7	1	5	4	2	4	0
Diabetes mellitus (E10-E14)	27	0	0	0	0	0	0	0	1	1	11	6	8	0
Influenza and pneumonia (J10-J18)	8	0	0	0	0	0	0	1	1	0	0	2	4	0
Alzheimer's disease (G30)	40	0	0	0	0	0	0	0	0	0	0	3	37	0
Nephritis, nephrotic syndrome, and nephrosis (N00-N07, N17-N19, N25-N27)	33	0	0	0	0	0	0	0	0	3	6	9	15	0
Septicemia (A40-A41)	12	0	0	0	0	0	0	0	0	0	1	4	7	0
Intentional self-harm (suicide) (X60-X84, Y87.0)	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Chronic liver disease and cirrhosis (K70, K73-K74)	6	0	0	0	0	0	0	0	0	2	4	0	0	0
Essential hypertension and hypertensive renal disease (I10, I12)	6	0	0	0	0	0	0	0	0	0	1	2	3	0
Aortic aneurysm and dissection (I71)	3	0	0	0	0	0	0	0	0	0	0	2	1	0
Assault (homicide) (X85-Y09, Y87.1)	6	0	0	0	0	2	0	4	0	0	0	0	0	0
Human immunodeficiency virus (HIV) (B20-B24)	1	0	0	0	0	0	0	0	0	1	0	0	0	0
Certain conditions originating in the perinatal period (P00-P96)	9	9	0	0	0	0	0	0	0	0	0	0	0	0
Congenital malformations, deformations, and chromosomal abnormalities (Q00-Q99)	3	2	0	0	0	0	0	1	0	0	0	0	0	0
All other causes	161	6	1	0	1	0	3	3	5	8	26	29	79	0
TOTAL	811	18	1	0	1	2	10	23	22	59	137	172	366	0

Note: *ICD Codes, Tenth Revision.

Source: Delaware Department of Health and Social Services, Division of Public Health, Delaware Health Statistics Center

TABLE F-25. HIV INFECTION/AIDS¹ DEATHS BY COUNTY, RACE, HISPANIC² ORIGIN AND SEX, DELAWARE, 2003-2017

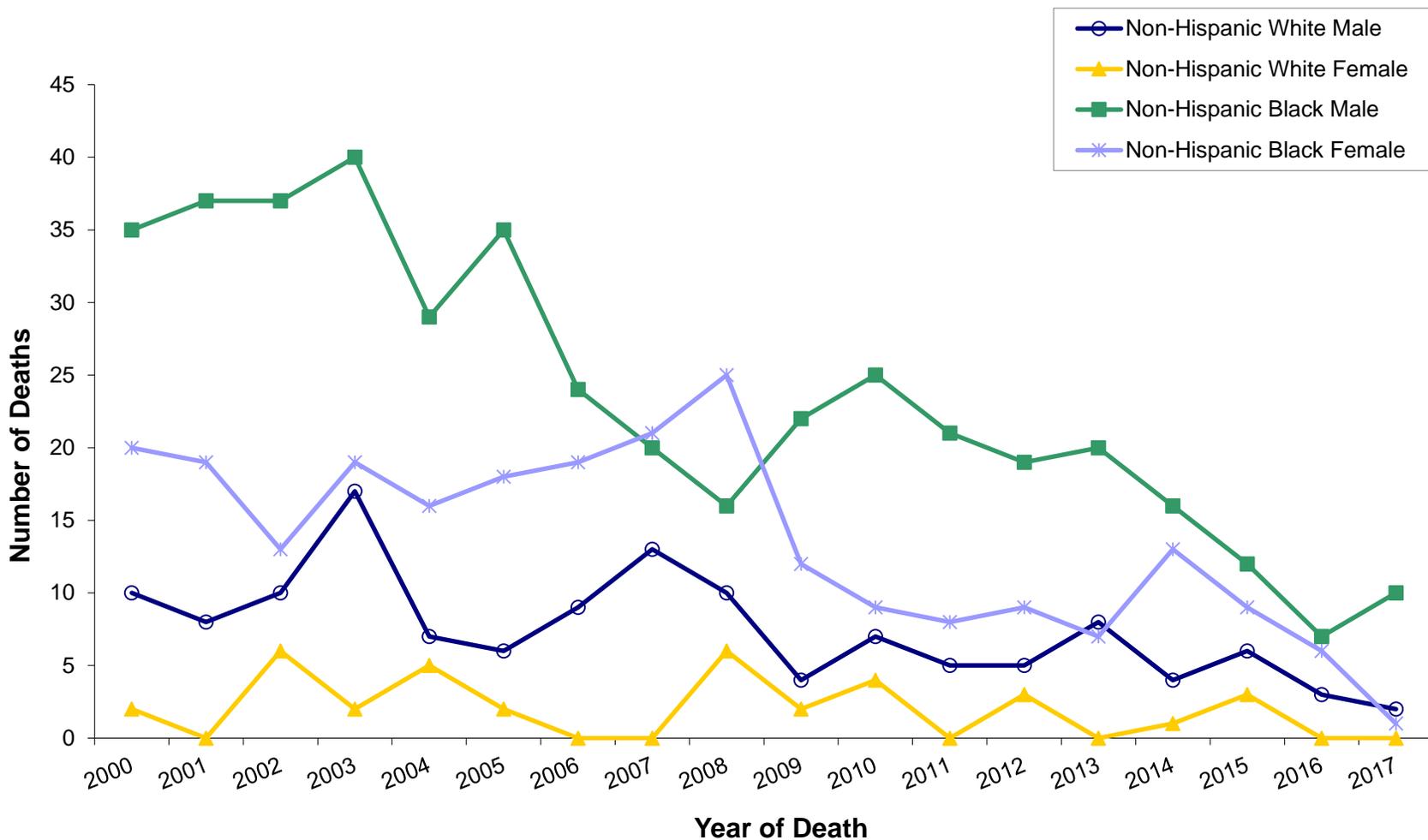
Area/ Race	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017
Delaware	80	58	63	53	55	58	41	46	36	36	36	38	31	17	16
Males	58	36	43	33	33	27	27	33	28	24	28	24	19	10	13
Non-Hispanic White	17	7	6	9	13	10	4	7	5	5	8	4	6	3	2
Non-Hispanic Black	40	29	35	24	20	16	22	25	21	19	20	16	12	7	10
Females	22	22	20	20	22	31	14	13	8	12	8	14	12	7	3
Non-Hispanic White	2	5	2	0	0	6	2	4	0	3	0	1	3	0	0
Non-Hispanic Black	19	16	18	19	21	25	12	9	8	9	7	13	9	6	1
Kent	8	8	5	11	9	8	5	10	5	8	4	4	8	3	1
Males	7	5	2	7	5	2	5	6	5	6	4	2	6	1	0
Non-Hispanic White	1	2	0	1	2	1	2	2	1	2	1	0	1	0	0
Non-Hispanic Black	5	3	2	6	3	1	3	4	3	4	3	2	5	1	0
Females	1	3	3	4	4	6	0	4	0	2	0	2	2	2	1
Non-Hispanic White	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0
Non-Hispanic Black	0	3	3	4	4	5	0	4	0	2	0	2	2	1	1
New Castle	69	46	51	34	39	42	34	31	25	27	27	27	18	9	9
Males	49	29	35	19	21	17	21	23	18	17	19	18	10	5	8
Non-Hispanic White	15	4	4	5	6	3	1	2	3	3	4	3	2	1	1
Non-Hispanic Black	34	25	29	14	15	13	19	20	14	14	15	11	7	4	7
Females	20	17	16	15	18	25	13	8	7	10	8	9	8	4	1
Non-Hispanic White	2	4	2	0	0	5	1	4	0	3	0	1	2	0	0
Non-Hispanic Black	18	12	14	14	17	20	12	4	7	7	7	8	6	4	0
Wilmington	43	25	33	19	22	29	27	19	15	15	18	21	8	3	8
Males	30	15	21	7	10	13	16	16	9	9	13	16	4	1	7
Non-Hispanic White	5	0	2	0	0	1	0	0	0	2	1	2	0	0	0
Non-Hispanic Black	25	15	19	7	10	12	15	15	9	7	12	11	4	1	7
Females	13	10	12	12	12	16	11	3	6	6	5	5	4	2	1
Non-Hispanic White	0	1	1	0	0	3	1	1	0	0	0	0	1	0	0
Non-Hispanic Black	13	9	11	11	11	13	10	2	6	6	4	5	3	2	0
Bal of NCCo	26	21	18	15	17	13	7	12	10	12	9	6	10	6	1
Males	19	14	14	12	11	4	5	7	9	8	6	2	6	4	1
Non-Hispanic White	10	4	2	5	6	2	1	2	3	1	3	1	2	1	1
Non-Hispanic Black	9	10	10	7	5	1	4	5	5	7	3	0	3	3	0
Females	7	7	4	3	6	9	2	5	1	4	3	4	4	2	0
Non-Hispanic White	2	3	1	0	0	2	0	3	0	3	0	1	1	0	0
Non-Hispanic Black	5	3	3	3	6	7	2	2	1	1	3	3	3	2	0
Sussex	3	4	7	8	7	8	2	5	6	1	5	7	5	5	6
Males	2	2	6	7	7	8	1	4	5	1	5	4	3	4	5
Non-Hispanic White	1	1	2	3	5	6	1	3	1	0	3	1	3	2	1
Non-Hispanic Black	1	1	4	4	2	2	0	1	4	1	2	3	0	2	3
Females	1	2	1	1	0	0	1	1	1	0	0	3	2	1	1
Non-Hispanic White	0	1	0	0	0	0	1	0	0	0	0	0	1	0	0
Non-Hispanic Black	1	1	1	1	0	0	0	1	1	0	0	3	1	1	0
Hispanic	2	1	2	1	1	1	1	1	2	0	1	4	1	1	3
Males	1	0	2	0	0	1	1	1	2	0	0	4	1	0	1
Females	1	1	0	1	1	0	0	0	0	0	1	0	0	1	2

Notes:

1. See Table F-12 for ICD-9 and ICD-10 Codes.
2. People of Hispanic origin may be of any race. See Hispanic Origin in the Technical Notes.

Sources: Delaware Department of Health and Social Services, Division of Public Health, Delaware Health Statistics Center National Center for Health Statistics

Figure F-3. Number of HIV Deaths by Race and Sex, Delaware, 2000-2017



Source: Delaware Department of Health and Social Services, Division of Public Health, Delaware Health Statistics Center

TABLE F-26. NUMBER AND PERCENT OF DEATHS BY METHOD OF DISPOSITION, RACE, COUNTY, AND CITY OF WILMINGTON, DELAWARE, 2017

Area/ Method of Disposition	Race							
	All Races		White Non-Hispanic		Black Non-Hispanic		Other Non-Hispanic	
	Number	Percent	Number	Percent	Number	Percent	Number	Percent
Delaware	9,173	100	7,095	100	1,703	100	137	100
Burial	3,898	42	2,763	39	969	57	51	37
Cremation	4,818	53	3,946	56	693	41	74	54
Donation	145	2	135	2	7	0	1	1
Entombment	138	2	126	2	5	0	3	2
Removal from State	167	2	120	2	28	2	8	6
Unknown	7	0	5	0	1	0	0	0
Kent	1,622	100	1,235	100	325	100	30	100
Burial	757	47	530	43	205	63	11	37
Cremation	812	50	664	54	111	34	17	57
Donation	20	1	19	2	1	0	0	0
Entombment	13	1	10	1	2	1	1	3
Removal from State	19	1	12	1	6	2	1	3
Unknown	1	0	0	0	0	0	0	0
New Castle	4,881	100	3,500	100	1,126	100	85	100
Burial	2,167	44	1,437	41	610	54	31	36
Cremation	2,452	50	1,853	53	487	43	47	55
Donation	58	1	50	1	6	1	0	0
Entombment	107	2	99	3	3	0	1	1
Removal from State	97	2	61	2	20	2	6	7
Unknown	0	0	0	0	0	0	0	0
Wilmington	738	100	251	100	431	100	8	100
Burial	347	47	95	38	219	51	5	63
Cremation	362	49	135	54	209	48	3	38
Donation	4	1	3	1	1	0	0	0
Entombment	15	2	14	6	0	0	0	0
Removal from State	10	1	4	2	2	0	0	0
Unknown/Other	0	0	0	0	0	0	0	0
Balance of NC County	4,143	100	3,249	100	695	100	77	100
Burial	1,820	44	1,342	41	391	56	26	34
Cremation	2,090	50	1,718	53	278	40	44	57
Donation	54	1	47	1	5	1	0	0
Entombment	92	2	85	3	3	0	1	1
Removal from State	87	2	57	2	18	3	6	8
Unknown	0	0	0	0	0	0	0	0
Sussex	2,670	100	2,360	100	252	100	22	100
Burial	974	36	796	34	154	61	9	41
Cremation	1,554	58	1,429	61	95	38	10	45
Donation	67	3	66	3	0	0	1	5
Entombment	18	1	17	1	0	0	1	5
Removal from State	51	2	47	2	2	1	1	5
Unknown	6	0	5	0	1	0	0	0

Note: Percentages are calculated based upon the total number of deaths in each race category.

Source: Delaware Department of Health and Social Services, Division of Public Health, Delaware Health Statistics Center

TABLE F-27. LIFE EXPECTANCY AT BIRTH* BY RACE AND SEX, DELAWARE, 2000-2017

Year	Race and Sex								
	All Races			Non-Hispanic White			Non-Hispanic Black		
	Both Sexes	Male	Female	Both Sexes	Male	Female	Both Sexes	Male	Female
2017	78.5	75.5	81.4	78.4	75.6	81.3	75.8	72.1	79.3
2016	78.6	75.6	81.6	78.5	75.5	81.6	77.2	73.1	80.9
2015	78.6	76.0	81.2	78.5	75.8	81.1	77.2	74.5	79.6
2014	78.9	76.4	81.4	79.1	76.5	81.6	76.8	74.0	79.2
2013	78.9	76.3	81.4	78.9	76.4	81.3	77.5	74.3	80.4
2012	78.5	76.1	80.8	78.8	76.4	81.0	75.4	73.0	77.7
2011	78.3	75.9	80.6	78.3	76.1	80.4	76.6	73.4	79.6
2010	78.6	76.0	81.0	78.6	76.4	80.7	76.2	72.4	79.8
2009	78.5	76.1	80.8	78.9	76.6	81.2	75.4	72.4	78.2
2008	77.9	75.5	80.3	78.3	75.8	80.7	75.6	72.8	78.1
2007	78.4	75.7	81.0	78.8	76.2	81.4	75.9	72.8	78.8
2006	78.1	75.4	80.5	78.6	76.1	81.1	74.4	71.1	77.3
2005	77.4	74.8	79.8	77.9	75.3	80.5	73.6	70.9	76.1
2004	77.3	74.6	79.9	77.8	75.3	80.2	73.4	69.9	76.7
2003	77.1	74.3	79.8	77.9	75.2	80.5	72.4	68.8	75.8
2002	77.2	74.5	79.7	77.7	75.3	80.0	73.5	69.1	77.8
2001	76.3	73.9	78.6	77.1	74.7	79.4	71.8	69.2	74.1
2000	76.5	73.9	79.0	77.3	74.7	79.7	72.0	68.9	75.0

Note:
*Life expectancy at birth is the average expected lifetime of people born in the listed year.

Source:
Delaware Health and Social Services, Division of Public Health, Delaware Health Statistics Center

TABLE F-28. AVERAGE REMAINING YEARS OF LIFE* BY AGE, RACE, AND SEX, DELAWARE, 2017

Age Group	Race and Sex								
	All Races			Non-Hispanic White			Non-Hispanic Black		
	Both Sexes	Male	Female	Both Sexes	Male	Female	Both Sexes	Male	Female
0-5	78.5	75.5	81.4	78.4	75.6	81.3	75.8	72.1	79.3
5-10	74.1	71.1	77.0	73.7	70.8	76.6	71.9	68.2	75.3
10-15	69.1	66.1	72.0	68.8	65.9	71.6	66.9	63.2	70.3
15-20	64.1	61.2	67.0	63.8	61.0	66.7	62.0	58.4	65.4
20-25	59.3	56.4	62.1	58.9	56.1	61.7	57.2	53.7	60.5
25-30	54.6	51.9	57.3	54.2	51.5	57.0	52.8	49.5	55.8
30-35	50.0	47.4	52.6	49.7	47.1	52.3	48.3	45.0	51.1
35-40	45.5	43.0	47.8	45.2	42.7	47.5	43.8	40.7	46.6
40-45	40.9	38.5	43.0	40.6	38.4	42.8	39.3	36.4	41.9
45-50	36.3	34.1	38.4	36.2	34.0	38.3	34.8	32.0	37.3
50-55	32.0	29.8	33.9	31.8	29.7	33.8	30.6	28.0	32.8
55-60	27.7	25.7	29.5	27.6	25.7	29.4	26.4	24.0	28.4
60-65	23.8	21.9	25.5	23.7	21.9	25.4	22.6	20.1	24.7
65-70	20.0	18.2	21.6	19.9	18.2	21.5	19.0	16.8	20.8
70-75	16.4	14.8	17.7	16.2	14.8	17.5	15.7	13.7	17.3
75-80	13.3	12.0	14.3	13.1	11.9	14.1	13.1	11.4	14.3
80-85	10.3	9.3	11.0	10.1	9.2	10.8	10.4	9.1	11.2
85+	7.9	7.0	8.5	7.7	6.9	8.2	8.3	6.9	9.2

Note: *Average number of years of life remaining at the beginning of the age interval.

Source: Delaware Department of Health and Social Services, Division of Public Health, Delaware Health Statistics Center

**TABLE F-29. MATERNAL DEATHS BY COUNTY,
DELAWARE, 1992-2017**

Year	Area			
	Delaware	Kent	New Castle	Sussex
2017	1	0	1	0
2016	1	0	1	0
2015	1	0	1	0
2014	1	0	1	0
2013	0	0	0	0
2012	2	0	0	2
2011	1	0	0	1
2010	2	0	0	2
2009	4	1	3	0
2008	3	1	2	0
2007	1	0	1	0
2006	1	0	1	0
2005	3	0	3	0
2004	1	0	1	0
2003	2	0	2	0
2002	0	0	0	0
2001	2	0	1	1
2000	3	1	2	0
1999	1	0	1	0
1998	2	0	2	0
1997	1	0	1	0
1996	0	0	0	0
1995	0	0	0	0
1994	0	0	0	0
1993	0	0	0	0
1992	0	0	0	0

Note: Prior to 1999, maternal deaths included ICD-9 categories 630-676. For 1999 and later, maternal deaths include ICD-10 categories O00-O95, O98-O99, and A34.

Source: Delaware Department of Health and Social Services, Division of Public Health, Delaware Health Statistics Center

TABLE F-30. FIVE-YEAR AGE-ADJUSTED MORTALITY RATES FOR SELECTED CAUSES OF DEATH BY COUNTY, DELAWARE, 2013-2017

LEADING CAUSES OF DEATH	AREA				NON-HISPANIC	
	DE	Kent	NCC	Sussex	White	Black
Malignant neoplasms	169.9	207.7	165.0	161.1	174.9	179.1
Diseases of the heart	164.0	209.0	150.5	168.5	166.3	175.0
Chronic lower respiratory diseases	42.6	54.7	39.1	43.5	46.4	32.6
Cerebrovascular diseases	40.5	46.6	43.6	32.8	38.0	53.0
Dementia	36.8	39.5	40.7	29.6	37.3	39.4
Accidents (unintentional injuries)	50.1	53.4	48.2	54.5	59.4	39.7
Diabetes mellitus	18.9	25.2	17.8	17.4	16.7	31.7
Alzheimer's disease	22.8	27.7	23.4	19.8	22.7	24.9
Nephritis, nephrotic syndrome, and nephrosis	15.9	22.4	16.1	12.7	13.6	29.3
Influenza and pneumonia	13.9	15.2	15.6	10.3	14.7	11.6
Septicemia	12.2	17.9	11.5	11.0	12.2	14.3
Intentional self-harm (suicide)	12.1	13.2	11.5	12.6	16.0	5.4
Other diseases of respiratory system	9.1	12.2	8.6	8.4	9.4	8.0
Chronic liver disease and cirrhosis	8.6	10.1	7.0	11.5	9.7	5.7
Certain conditions originating in the perinatal period	6.0	4.0	7.1	1.5	3.1	10.7
Assault (homicide)	6.8	5.8	8.3	2.6	2.2	20.8
Parkinson's disease	7.3	7.8	7.5	6.8	8.2	3.7
Human immunodeficiency virus (HIV)	2.6	2.2	2.8	2.3	0.7	9.3
Essential hypertension and hypertensive renal disease	4.9	6.6	4.2	5.4	4.5	7.5
Pneumonitis due to solids and liquids	5.5	7.6	5.6	4.4	5.8	4.8
Aortic aneurysm and dissection	2.9	3.3	3.1	2.5	3.0	3.5
Congenital malformations, deformations, and chromosomal abnormalities	2.7	3.0	2.3	2.2	2.5	3.0

Notes:

1. Rates per 100,000, adjusted to U.S. 2000 population.
2. See Appendix E for ICD-10 cause of death codes.
3. "NA" indicates rate does not meet standards of reliability or precision; based on fewer than 20 deaths in the numerator.

Source: Delaware Department of Health and Social Services, Division of Public Health, Delaware Health Statistics Center

TABLE F-31. FIVE-YEAR AGE-ADJUSTED MORTALITY RATES FOR SELECTED LEADING CAUSES OF DEATH BY COUNTY, DELAWARE, 2001-2017

Cause of Death/ Area	2001 -2005	2002 -2006	2003 -2007	2004 -2008	2005 -2009	2006 -2010	2007 -2011	2008 -2012	2009 -2013	2010 -2014	2011 -2015	2012 -2016	2013 -2017
Diseases of the heart													
Delaware	241.5	230.0	222.6	210.0	199.1	188.2	183.4	177.4	175.1	172.9	171.1	167.4	164.0
Kent	271.4	263.6	259.6	248.8	240.9	231.1	228.5	222.0	223.5	221.4	218.7	213.5	209.0
New Castle	236.2	223.5	215.3	200.5	187.6	175.6	170.1	162.9	160.4	157.9	156.2	153.6	150.5
Sussex	236.7	225.3	217.1	207.9	199.3	189.9	186.1	183.4	180.0	178.9	177.1	171.8	168.5
Malignant neoplasms													
Delaware	203.1	196.9	196.2	194.5	188.7	186.3	185.2	183.4	179.3	178.2	175.3	173.4	169.9
Kent	209.7	201.7	203.6	204.7	201.8	199.6	204.1	211.9	208.7	214.0	218.9	215.1	207.7
New Castle	203.1	195.9	193.5	193.6	187.9	185.2	185.6	182.5	177.2	173.9	170.0	166.4	165.0
Sussex	200.0	197.8	199.1	192.5	184.9	181.6	174.6	169.6	168.1	167.7	164.4	165.9	161.1
Cerebrovascular diseases													
Delaware	47.0	45.5	43.1	40.8	41.0	40.4	40.3	40.3	40.2	39.6	39.4	39.3	40.5
Kent	48.8	47.9	42.1	39.1	40.9	38.7	37.6	41.1	42.1	42.4	44.6	46.7	46.6
New Castle	50.1	48.9	48.3	45.7	45.4	44.7	44.8	43.7	44.1	43.2	42.8	42.1	43.6
Sussex	39.1	36.7	32.7	31.6	32.0	33.0	33.3	33.2	31.8	31.6	31.1	31.2	32.8
Chronic lower respiratory diseases													
Delaware	41.6	41.4	40.8	42.6	43.3	42.8	44.3	44.3	43.6	43.0	42.8	42.5	42.6
Kent	47.9	48.6	50.2	54.2	54.6	53.3	56.0	58.0	53.9	54.0	56.1	55.5	54.7
New Castle	39.8	39.6	39.6	41.7	42.1	41.5	43.0	42.2	41.3	40.7	40.2	39.1	39.1
Sussex	41.9	41.2	38.3	38.4	39.6	39.5	40.6	41.0	42.3	42.3	41.7	42.7	43.5
Diabetes mellitus													
Delaware	26.4	25.0	24.5	23.3	22.6	21.2	21.5	21.4	20.9	20.8	20.5	19.5	18.9
Kent	30.1	30.1	28.5	28.0	28.2	25.8	25.3	24.5	24.9	23.1	23.6	24.3	25.2
New Castle	26.3	24.7	24.6	23.5	22.5	21.4	22.2	22.3	21.4	21.2	20.4	18.6	17.8
Sussex	24.6	22.8	22.0	20.4	19.6	18.0	18.0	18.2	17.8	18.7	19.3	18.7	17.4
Influenza and pneumonia													
Delaware	19.1	17.5	15.7	15.5	14.7	13.8	13.3	13.2	13.1	13.2	13.8	13.3	13.9
Kent	20.1	19.7	17.9	17.2	16.0	14.9	14.1	15.2	15.0	16.1	16.4	16.0	15.2
New Castle	16.1	14.7	13.3	14.0	14.1	13.9	13.9	13.8	13.5	13.7	14.7	14.2	15.6
Sussex	25.2	21.9	19.1	17.2	14.8	12.7	11.7	11.0	11.2	10.7	10.9	10.3	10.3
Alzheimer's disease													
Delaware	18.6	19.3	20.4	21.0	20.5	20.7	20.5	20.4	19.6	19.5	19.6	21.0	22.8
Kent	13.9	13.1	15.9	18.0	18.8	20.5	23.7	24.6	24.6	23.4	25.3	25.9	27.7
New Castle	18.5	18.9	19.2	18.5	17.9	17.9	16.2	16.1	16.5	17.5	18.2	21.2	23.4
Sussex	21.5	23.9	25.6	27.9	27.0	27.0	27.7	26.9	23.6	21.6	19.7	18.6	19.8
Nephritis, nephrotic syndrome, and nephrosis													
Delaware	14.6	15.2	15.8	16.6	17.1	17.3	17.0	16.2	15.6	15.1	15.0	15.3	15.9
Kent	18.1	16.4	15.6	17.2	15.8	16.2	16.3	16.1	15.4	17.3	19.2	21.3	22.4
New Castle	14.2	15.3	16.5	17.8	18.4	18.7	18.5	17.0	16.2	15.7	15.5	15.6	16.1
Sussex	13.6	14.2	14.1	13.7	15.2	15.0	14.8	14.5	14.6	12.7	12.2	11.9	12.7
Septicemia													
Delaware	15.3	14.6	13.8	13.5	13.0	12.3	11.9	11.8	11.9	12.0	12.3	12.5	12.2
Kent	17.5	18.2	17.8	17.9	17.0	17.6	17.4	17.0	18.0	19.1	18.5	18.5	17.9
New Castle	15.9	15.0	14.2	14.0	13.5	12.2	11.8	11.1	11.1	11.2	11.4	11.7	11.5
Sussex	13.2	11.9	10.5	10.0	9.7	9.2	8.9	9.9	10.0	9.7	10.9	11.1	11.0

TABLE F-31. FIVE-YEAR AGE-ADJUSTED MORTALITY RATES FOR SELECTED LEADING CAUSES OF DEATH BY COUNTY, DELAWARE, 2001-2017 - CONTINUED

Cause of Death/ Area	2001 -2005	2002 -2006	2003 -2007	2004 -2008	2005 -2009	2006 -2010	2007 -2011	2008 -2012	2009 -2013	2010 -2014	2011 -2015	2012 -2016	2013 -2017
Intentional self-harm (suicide)													
Delaware	11.0	10.3	10.5	10.6	10.7	11.1	11.3	11.8	12.0	12.3	12.5	12.5	12.1
Kent	10.2	10.4	9.8	10.3	11.3	11.3	11.4	12.4	13.0	14.0	14.2	13.9	13.2
New Castle	11.2	10.0	10.4	10.3	10.1	10.2	10.6	11.1	11.2	11.4	11.9	11.9	11.5
Sussex	10.4	10.7	11.2	11.9	12.1	13.5	13.1	13.3	12.7	13.1	12.4	12.6	12.6
Chronic liver disease and cirrhosis													
Delaware	9.5	9.2	8.6	8.1	8.2	8.4	8.6	8.5	8.1	8.3	8.5	8.3	8.6
Kent	10.7	10.1	9.7	8.7	9.2	9.4	10.0	9.0	8.6	9.3	9.8	9.4	10.1
New Castle	8.9	8.9	8.0	7.6	7.3	7.6	7.3	7.5	7.1	7.0	7.1	6.8	7.0
Sussex	10.7	9.4	9.3	8.8	9.2	9.5	10.3	10.2	10.0	10.5	11.0	11.1	11.5
Assault (homicide)													
Delaware	4.5	4.9	5.0	5.9	6.0	6.1	6.0	6.4	6.0	6.3	6.5	6.8	6.8
Kent	---	3.1	3.6	4.5	4.0	4.2	4.0	4.0	3.8	4.7	5.1	5.5	5.8
New Castle	5.2	5.8	5.9	7.0	7.3	7.4	7.3	8.0	7.7	7.9	8.1	8.3	8.3
Sussex	3.4	3.2	2.9	3.2	3.6	3.4	3.6	3.5	2.9	2.9	2.4	2.7	2.6
Certain conditions originating in the perinatal period													
Delaware	8.4	7.7	7.3	7.1	7.3	6.5	6.5	6.5	6.2	5.9	6.6	6.5	6.0
Kent	8.0	6.6	5.2	4.9	5.4	4.2	4.7	5.5	4.9	4.1	5.0	5.0	4.0
New Castle	9.0	8.5	8.3	8.1	8.4	7.7	8.0	8.1	7.6	7.3	7.8	7.6	7.1
Sussex	1.9	1.9	2.0	2.0	1.9	1.6	1.2	1.0	1.1	1.1	1.4	1.5	1.5
Congenital malformations													
Delaware	3.2	3.2	2.9	2.9	2.7	3.0	2.9	3.0	3.0	3.0	2.9	2.7	2.7
Kent	3.0	3.4	2.8	3.2	2.8	3.4	3.2	3.1	2.8	2.9	3.4	3.0	3.0
New Castle	3.0	3.0	2.8	2.7	2.6	2.7	2.8	3.0	3.0	2.8	2.6	2.4	2.3
Sussex	2.3	2.5	2.3	1.8	1.7	1.8	1.4	1.5	2.0	2.1	1.9	2.1	2.2
Human immunodeficiency virus (HIV)													
Delaware	8.2	7.8	7.3	6.6	6.1	5.6	5.1	4.6	4.0	3.8	3.4	3.0	2.6
Kent	5.2	5.3	5.9	5.7	5.3	5.7	4.8	4.4	3.8	3.6	3.3	3.1	2.2
New Castle	10.5	9.7	9.0	7.8	7.2	6.4	6.0	5.5	4.9	4.5	4.0	3.4	2.8
Sussex	3.8	3.9	3.4	3.9	3.8	3.4	3.1	2.5	---	2.3	2.1	2.0	2.3
Accidents (unintentional injuries)													
Delaware	35.4	35.5	35.1	36.0	36.4	37.3	37.0	37.9	38.6	40.2	41.8	45.3	50.1
Kent	38.9	40.6	39.6	39.8	38.2	37.8	35.4	38.4	39.8	44.3	46.9	51.9	53.4
New Castle	31.7	31.9	31.8	33.0	33.5	34.5	34.6	35.1	36.0	37.6	39.6	42.1	48.2
Sussex	43.0	42.3	42.3	43.5	44.2	45.9	45.3	45.5	44.8	44.3	45.1	51.0	54.5
Essential hypertension and hypertensive renal disease													
Delaware	7.4	7.0	6.6	6.3	5.7	5.4	5.4	5.2	5.5	5.1	5.0	5.0	4.9
Kent	8.8	9.0	7.8	7.7	7.5	7.3	7.4	8.0	8.8	8.5	7.6	7.3	6.6
New Castle	7.6	7.2	7.0	6.5	5.8	5.3	5.3	4.9	4.8	4.4	4.2	4.2	4.2
Sussex	5.7	5.4	4.9	4.9	4.7	4.7	4.6	4.5	5.3	4.9	5.1	5.2	5.4
Aortic aneurysm and dissection													
Delaware	5.9	5.1	4.6	3.9	3.6	3.4	3.4	3.4	3.3	3.1	3.0	3.0	2.9
Kent	8.1	7.0	5.4	3.9	2.9	2.7	2.8	3.6	4.5	4.8	4.6	4.3	3.3
New Castle	5.4	4.5	3.9	3.3	3.3	3.2	3.4	3.5	3.1	2.8	2.8	2.8	3.1
Sussex	6.0	5.7	5.9	5.2	4.6	4.0	3.7	3.1	2.8	2.8	2.7	2.7	2.5

TABLE F-31. FIVE-YEAR AGE-ADJUSTED MORTALITY RATES FOR SELECTED LEADING CAUSES OF DEATH BY COUNTY, DELAWARE, 2001-2017 - CONTINUED

Cause of Death/ Area	2001 -2005	2002 -2006	2003 -2007	2004 -2008	2005 -2009	2006 -2010	2007 -2011	2008 -2012	2009 -2013	2010 -2014	2011 -2015	2012 -2016	2013 -2017
Pneumonitis due to solids and liquids													
Delaware	8.5	7.4	6.7	5.7	5.6	5.2	5.0	4.7	4.7	4.6	5.1	5.3	5.5
Kent	5.3	4.9	3.8	3.3	3.4	3.0	3.5	3.7	3.9	4.3	5.0	6.3	7.6
New Castle	9.4	7.7	6.8	5.7	5.4	4.9	4.8	4.6	4.8	4.6	5.4	5.5	5.6
Sussex	8.2	8.0	7.8	7.1	7.0	6.8	6.4	5.6	5.1	4.9	4.7	4.4	4.4
Other diseases of respiratory system													
Delaware	8.6	9.1	9.0	9.3	9.1	9.1	9.4	9.8	9.8	10.0	9.8	9.4	9.1
Kent	8.8	10.1	10.4	10.3	10.4	11.1	11.8	12.5	12.9	12.9	12.5	12.4	12.2
New Castle	8.8	8.8	8.4	9.2	8.8	8.6	9.5	10.4	9.8	10.2	10.0	9.2	8.6
Sussex	7.6	8.6	9.0	8.8	9.1	9.2	8.1	7.4	8.3	7.9	8.0	8.4	8.4
Parkinson's disease													
Delaware	5.9	5.7	5.9	5.9	5.9	5.6	6.1	6.3	6.8	7.2	7.5	7.1	7.3
Kent	4.6	4.6	4.3	4.4	5.5	5.0	5.3	5.5	5.8	6.0	7.1	6.8	7.8
New Castle	6.3	6.2	6.6	6.5	6.2	5.8	6.3	6.4	7.2	7.7	7.7	7.3	7.5
Sussex	5.6	5.1	5.3	5.7	5.6	5.4	6.3	6.7	6.8	6.9	7.2	6.7	6.8
Dementia													
Delaware	12.6	16.9	21.1	26.6	32.7	37.8	40.8	44.1	43.8	43.6	42.3	40.4	36.8
Kent	12.9	14.1	15.3	20.6	26.5	30.4	37.4	43.7	46.5	47.1	50.2	45.7	39.5
New Castle	13.4	19.4	25.8	33.3	40.6	46.2	48.5	50.4	48.7	47.6	45.9	44.2	40.7
Sussex	10.5	13.2	14.1	15.9	19.7	24.9	27.1	32.0	33.2	34.8	32.8	31.8	29.6

Notes:

1. Rates per 100,000, adjusted to U.S. 2000 population.
2. See Appendix E for ICD-9 and ICD-10 cause of death codes.
3. "---" indicates rate does not meet standards of reliability or precision; based on fewer than 20 deaths in the numerator.

Source: Delaware Department of Health and Social Services, Division of Public Health, Delaware Health Statistics Center

**TABLE F-32. FIVE-YEAR AGE-ADJUSTED MORTALITY RATES FOR SELECTED LEADING CAUSES OF DEATH
BY RACE AND SEX, DELAWARE, 2001-2017**

Cause of Death/ Race-Sex	2001 -2005	2002 -2006	2003 -2007	2004 -2008	2005 -2009	2006 -2010	2007 -2011	2008 -2012	2009 -2013	2010 -2014	2011 -2015	2012 -2016	2013 -2017
Diseases of the heart													
Non-Hispanic White	236.4	225.7	218.4	207.2	197.4	187.1	183.5	177.7	175.7	173.7	173.0	168.8	166.3
Male	291.7	279.2	273.0	261.1	247.5	235.2	232.5	225.5	222.2	222.3	223.1	219.0	216.0
Female	193.0	184.0	175.9	166.2	158.5	149.9	145.5	140.5	139.0	136.1	133.9	129.3	127.2
Non-Hispanic Black	286.6	273.1	264.4	240.4	221.7	208.7	196.0	193.8	191.2	189.2	181.8	182.0	175.0
Male	253.8	247.8	242.9	219.0	201.7	197.0	189.7	178.4	175.4	169.4	161.3	164.4	164.2
Female	250.3	233.3	224.7	205.4	191.9	172.8	160.0	163.0	162.7	162.7	157.0	155.6	146.0
Malignant neoplasms													
Non-Hispanic White	202.1	195.8	196.4	196.4	190.2	188.2	188.1	185.2	181.3	180.7	178.7	177.7	174.9
Male	249.3	242.5	239.3	238.5	229.2	227.6	224.0	221.2	217.7	216.4	213.7	215.4	213.1
Female	170.4	164.4	167.5	167.7	162.9	160.1	162.6	159.9	155.6	155.6	154.0	150.5	146.7
Non-Hispanic Black	233.3	226.5	217.6	206.6	202.3	197.9	195.3	200.5	196.3	193.4	187.0	182.6	179.1
Male	260.4	253.4	237.8	222.7	219.1	215.3	213.7	212.2	207.6	200.3	181.6	175.5	173.8
Female	190.2	185.1	181.0	174.6	169.3	164.5	161.6	169.2	165.6	166.8	169.0	164.6	161.5
Cerebrovascular diseases													
Non-Hispanic White	44.7	43.3	40.5	38.2	38.3	38.0	38.4	38.4	38.1	38.0	37.8	37.0	38.0
Male	48.3	43.9	40.1	36.8	35.6	34.6	37.0	38.4	38.3	38.7	38.6	37.1	38.3
Female	42.4	42.7	40.2	38.7	39.6	39.7	38.7	38.2	37.8	37.5	37.1	36.9	37.5
Non-Hispanic Black	63.5	60.6	59.2	57.4	57.3	54.7	51.5	51.2	50.7	47.6	47.8	51.1	53.0
Male	60.0	62.4	64.7	64.6	64.8	62.7	61.1	58.0	56.3	56.2	54.2	58.0	63.4
Female	64.0	58.7	55.2	52.3	52.0	48.2	44.4	46.2	46.5	41.9	43.6	46.7	46.3
Chronic lower respiratory diseases													
Non-Hispanic White	43.4	43.4	42.8	44.6	45.6	45.2	47.0	46.9	46.5	46.2	46.2	46.0	46.4
Male	48.0	47.0	46.6	49.5	49.5	47.5	48.8	47.4	46.0	46.2	48.7	47.6	48.9
Female	40.7	41.2	40.2	41.0	42.8	43.4	45.7	46.7	47.2	46.4	44.8	45.1	44.6
Non-Hispanic Black	31.3	31.5	31.4	33.5	32.8	33.1	34.4	36.3	34.5	33.6	33.6	33.2	32.6
Male	45.2	46.8	45.5	50.5	48.0	47.0	47.6	47.0	43.1	41.1	41.7	38.9	39.2
Female	22.8	22.5	23.2	24.1	24.3	25.2	26.3	29.5	29.0	28.7	28.5	29.7	28.7
Diabetes mellitus													
Non-Hispanic White	23.2	22.0	21.4	20.3	19.8	18.3	18.1	18.4	17.9	17.6	17.6	17.3	16.7
Male	26.9	26.4	26.4	24.8	23.7	22.1	21.7	21.6	22.1	21.8	22.0	21.8	20.2
Female	20.5	19.0	17.9	17.0	16.6	15.0	14.9	15.4	14.3	14.2	14.1	13.7	13.9
Non-Hispanic Black	49.7	46.2	45.9	43.8	40.8	38.7	41.4	39.4	39.4	39.4	37.1	33.0	31.7
Male	53.0	49.6	48.2	49.7	45.1	43.7	43.9	41.9	43.0	46.1	44.7	42.6	44.0
Female	47.7	44.8	44.3	39.7	37.2	34.4	38.3	36.8	36.8	35.0	32.7	27.2	23.9
Influenza and pneumonia													
Non-Hispanic White	19.5	17.7	15.9	15.6	15.0	14.0	13.4	13.3	13.4	13.4	14.3	14.0	14.7
Male	23.4	21.8	19.5	18.9	18.2	17.3	16.5	16.3	16.2	15.5	16.6	16.3	17.3
Female	16.9	15.1	13.6	13.6	13.0	11.9	11.5	11.4	11.7	12.1	12.9	12.4	12.7
Non-Hispanic Black	17.9	17.1	15.5	15.1	12.6	12.0	12.4	12.9	12.4	13.8	13.0	11.5	11.6
Male	28.1	25.8	24.2	24.0	18.0	17.1	16.8	14.5	14.2	15.2	14.4	12.7	14.8
Female	12.0	12.4	11.1	10.6	9.9	9.3	9.7	11.5	11.1	13.0	12.2	10.9	9.8

**TABLE F-32. FIVE-YEAR AGE-ADJUSTED MORTALITY RATES FOR SELECTED LEADING CAUSES OF DEATH
BY RACE AND SEX, DELAWARE, 2001-2017 - CONTINUED**

Cause of Death/ Race-Sex	2001 -2005	2002 -2006	2003 -2007	2004 -2008	2005 -2009	2006 -2010	2007 -2011	2008 -2012	2009 -2013	2010 -2014	2011 -2015	2012 -2016	2013 -2017
Alzheimer's disease													
Non-Hispanic White	19.2	19.9	20.9	21.6	21.2	21.1	20.9	20.6	19.5	19.4	19.8	20.8	22.7
Male	16.2	17.0	18.1	18.8	18.8	18.2	17.3	16.8	16.4	16.0	17.2	19.1	21.7
Female	20.8	21.3	22.4	23.2	22.4	22.7	23.2	22.9	21.4	21.4	21.3	21.8	23.2
Non-Hispanic Black	14.2	14.2	15.6	14.7	15.4	17.5	18.7	20.8	22.0	21.5	21.2	23.9	24.9
Male	---	---	13.2	12.6	12.2	13.6	14.0	14.0	15.9	15.2	16.1	19.8	19.6
Female	15.5	15.2	16.4	15.5	16.7	19.2	21.0	24.1	24.9	24.2	23.2	25.4	27.4
Nephritis, nephrotic syndrome, and nephrosis													
Non-Hispanic White	12.8	13.5	13.7	14.5	14.8	14.9	14.9	14.3	13.8	13.3	13.1	13.5	13.6
Male	17.8	18.0	18.1	18.6	18.4	18.5	17.9	16.8	16.5	16.0	15.9	16.6	17.4
Female	9.9	10.4	10.7	11.6	12.3	12.5	13.0	12.6	12.0	11.4	11.2	11.4	11.2
Non-Hispanic Black	26.7	27.7	30.2	31.8	32.6	31.9	30.6	28.3	26.1	26.6	26.8	26.8	29.3
Male	34.4	38.0	39.9	40.8	39.7	39.1	38.3	33.7	30.8	33.4	34.0	34.3	38.8
Female	23.0	21.8	24.8	26.6	27.8	27.2	26.0	24.9	23.3	23.0	22.9	22.8	24.3
Septicemia													
Non-Hispanic White	14.1	13.4	12.5	12.5	11.8	11.3	11.4	11.4	11.4	11.8	12.1	12.4	12.2
Male	16.0	15.3	14.8	14.5	13.0	12.6	12.8	12.2	12.8	13.6	13.6	14.2	13.8
Female	13.1	12.2	10.8	11.2	11.0	10.4	10.3	10.9	10.6	10.6	11.3	11.3	11.2
Non-Hispanic Black	24.2	23.0	21.8	20.0	19.7	18.1	15.8	15.6	15.1	14.5	15.3	14.9	14.3
Male	24.4	22.7	21.0	18.6	18.3	17.1	15.7	16.5	14.7	15.4	17.6	17.8	17.1
Female	24.6	23.3	22.2	20.6	20.4	18.3	15.8	14.7	15.4	14.0	14.6	13.6	12.9
Intentional self-harm (suicide)													
Non-Hispanic White	12.9	12.3	12.8	12.9	13.1	13.7	14.1	14.9	15.3	16.0	16.1	16.1	16.0
Male	21.3	20.4	20.4	20.8	21.3	22.2	22.6	24.3	24.6	25.9	25.6	26.1	26.3
Female	5.2	4.9	5.9	5.4	5.4	5.7	6.2	6.0	6.7	6.9	7.4	7.0	6.6
Non-Hispanic Black	6.0	5.3	4.7	5.5	5.5	5.3	5.1	5.6	5.0	4.3	5.4	5.6	5.4
Male	10.7	10.1	8.5	9.8	10.7	10.2	9.6	10.3	9.7	7.8	8.8	9.3	9.2
Female	---	---	---	---	---	---	---	---	---	---	---	---	---
Chronic liver disease and cirrhosis													
Non-Hispanic White	10.0	9.8	9.1	8.7	8.9	9.0	9.2	9.2	8.9	9.0	9.4	9.2	9.7
Male	12.2	12.7	12.1	11.9	12.5	12.9	13.2	13.5	13.1	13.2	13.6	12.5	13.0
Female	8.0	7.1	6.6	5.9	5.7	5.5	5.6	5.2	5.0	5.3	5.7	6.3	6.7
Non-Hispanic Black	7.9	7.3	6.4	6.3	6.1	6.7	6.6	6.6	6.1	6.0	6.0	5.3	5.7
Male	12.1	12.1	10.5	10.7	9.6	11.0	11.3	10.6	9.4	9.8	9.0	7.0	8.0
Female	---	---	---	---	---	---	---	---	---	---	3.8	4.1	4.1
Assault (homicide)													
Non-Hispanic White	2.3	2.2	2.1	2.4	2.5	2.4	2.6	2.8	2.9	2.6	2.5	2.5	2.2
Male	2.8	2.9	2.8	3.2	3.3	3.0	3.3	3.8	3.7	3.5	3.3	3.5	3.0
Female	1.7	1.6	1.5	1.6	1.8	1.8	1.9	1.8	2.2	1.8	1.7	1.5	1.4
Non-Hispanic Black	11.5	13.6	14.3	16.6	16.7	17.0	16.0	17.2	16.0	17.6	18.9	20.1	20.8
Male	20.5	24.8	26.6	31.3	31.9	32.6	30.7	32.6	29.7	32.6	35.2	36.7	37.5
Female	---	---	---	---	---	---	---	---	---	---	---	4.7	4.9

**TABLE F-32. FIVE-YEAR AGE-ADJUSTED MORTALITY RATES FOR SELECTED LEADING CAUSES OF DEATH
BY RACE AND SEX, DELAWARE, 2001-2017 - CONTINUED**

Cause of Death/ Race-Sex	2001 -2005	2002 -2006	2003 -2007	2004 -2008	2005 -2009	2006 -2010	2007 -2011	2008 -2012	2009 -2013	2010 -2014	2011 -2015	2012 -2016	2013 -2017
Certain conditions originating in the perinatal period													
Non-Hispanic White	5.8	5.1	4.6	4.5	4.3	3.8	3.8	3.5	3.0	3.1	3.7	3.4	3.1
Male	5.7	5.1	5.0	4.9	5.0	4.4	4.5	4.1	3.4	3.6	3.9	3.5	3.2
Female	4.8	4.0	3.2	3.0	2.6	2.2	2.1	1.9	1.8	1.7	2.5	2.4	2.8
Non-Hispanic Black	17.0	15.5	15.2	15.2	16.2	14.4	14.5	14.9	14.3	12.2	12.7	12.1	10.7
Male	19.6	17.6	16.5	15.6	17.0	15.0	14.7	15.8	16.9	13.9	14.3	14.2	11.8
Female	14.3	13.4	13.8	14.9	15.3	13.7	14.3	14.0	11.6	10.5	11.1	9.9	9.6
Congenital malformations													
Non-Hispanic White	3.2	3.1	2.8	2.8	2.5	3.1	3.0	3.1	3.3	3.2	2.8	2.4	2.5
Male	3.4	3.4	3.0	2.7	2.2	2.8	2.4	2.4	2.6	2.6	2.3	2.4	2.3
Female	2.9	2.7	2.5	2.9	2.8	3.4	3.7	3.9	4.1	3.7	3.3	2.5	2.7
Non-Hispanic Black	3.8	3.5	3.1	3.1	2.7	2.6	2.5	2.7	2.4	2.7	3.1	3.1	3.0
Male	3.4	3.4	3.0	2.7	2.2	2.8	2.4	2.4	2.6	2.6	2.3	2.4	2.3
Female	2.7	2.5	2.9	2.8	3.4	3.7	3.9	4.1	3.7	3.3	2.5	2.7	0.0
Human immunodeficiency virus (HIV)													
Non-Hispanic White	2.1	2.1	2.1	1.9	1.7	1.8	1.7	1.5	1.2	1.1	1.0	0.9	0.7
Male	3.2	3.3	3.6	3.1	2.9	2.9	2.6	2.0	1.7	1.7	1.5	1.4	1.2
Female	---	---	---	---	---	---	---	---	---	---	---	---	---
Non-Hispanic Black	34.8	31.8	29.7	26.5	24.2	21.4	19.5	17.5	15.6	14.8	12.8	11.0	9.3
Male	52.1	46.8	40.6	33.1	29.8	26.7	25.4	24.2	24.6	22.7	18.8	15.2	13.5
Female	20.5	19.5	20.8	21.5	19.8	17.4	14.9	12.1	8.4	8.4	8.0	7.6	6.1
Accidents (unintentional injuries)													
Non-Hispanic White	36.8	37.1	37.1	39.4	40.7	42.1	42.9	44.5	45.4	47.2	49.0	53.7	59.4
Male	50.4	51.1	51.9	54.3	57.0	57.2	58.1	59.7	60.7	62.6	66.1	73.5	80.9
Female	24.5	24.4	23.6	25.7	25.9	28.3	28.9	30.6	31.5	33.2	33.3	35.2	39.2
Non-Hispanic Black	30.8	28.8	25.6	23.9	24.4	26.3	24.7	26.0	27.1	28.6	30.2	34.2	39.7
Male	44.1	42.8	36.8	33.9	35.7	37.6	35.7	38.6	40.1	42.0	44.2	51.7	60.2
Female	19.5	17.3	16.3	15.2	15.1	16.7	15.2	15.2	15.8	16.8	17.7	18.6	21.6
Essential hypertension and hypertensive renal disease													
Non-Hispanic White	6.2	5.9	5.5	5.0	4.8	4.7	4.7	4.6	5.1	4.7	4.5	4.5	4.5
Male	5.8	5.7	5.1	4.7	4.8	4.4	4.0	4.1	4.6	4.0	4.2	4.7	4.6
Female	6.3	6.0	5.6	5.1	4.6	4.5	4.8	4.7	5.3	5.0	4.6	4.3	4.3
Non-Hispanic Black	15.8	15.1	14.3	14.6	11.8	9.9	9.2	8.8	7.6	7.6	7.5	8.2	7.5
Male	18.7	19.3	19.9	17.8	11.8	10.2	9.9	9.3	7.9	8.5	7.4	8.2	7.1
Female	14.2	12.4	10.7	12.1	10.9	8.8	8.0	7.8	7.0	6.7	7.2	8.0	7.7
Aortic aneurysm and dissection													
Non-Hispanic White	6.0	5.2	4.6	3.9	3.6	3.4	3.4	3.5	3.2	3.2	3.2	3.1	3.0
Male	8.5	7.0	6.5	5.8	5.4	5.0	4.7	4.5	4.1	4.2	4.2	4.2	4.5
Female	4.2	3.8	3.1	2.4	2.3	2.0	2.4	2.6	2.6	2.4	2.5	2.2	1.9
Non-Hispanic Black	6.4	5.3	5.1	4.1	3.7	3.7	3.5	3.2	3.8	3.3	2.9	3.4	3.5
Male	---	---	---	---	---	---	---	---	---	---	---	---	---
Female	6.6	---	---	---	---	---	---	---	---	---	---	---	---

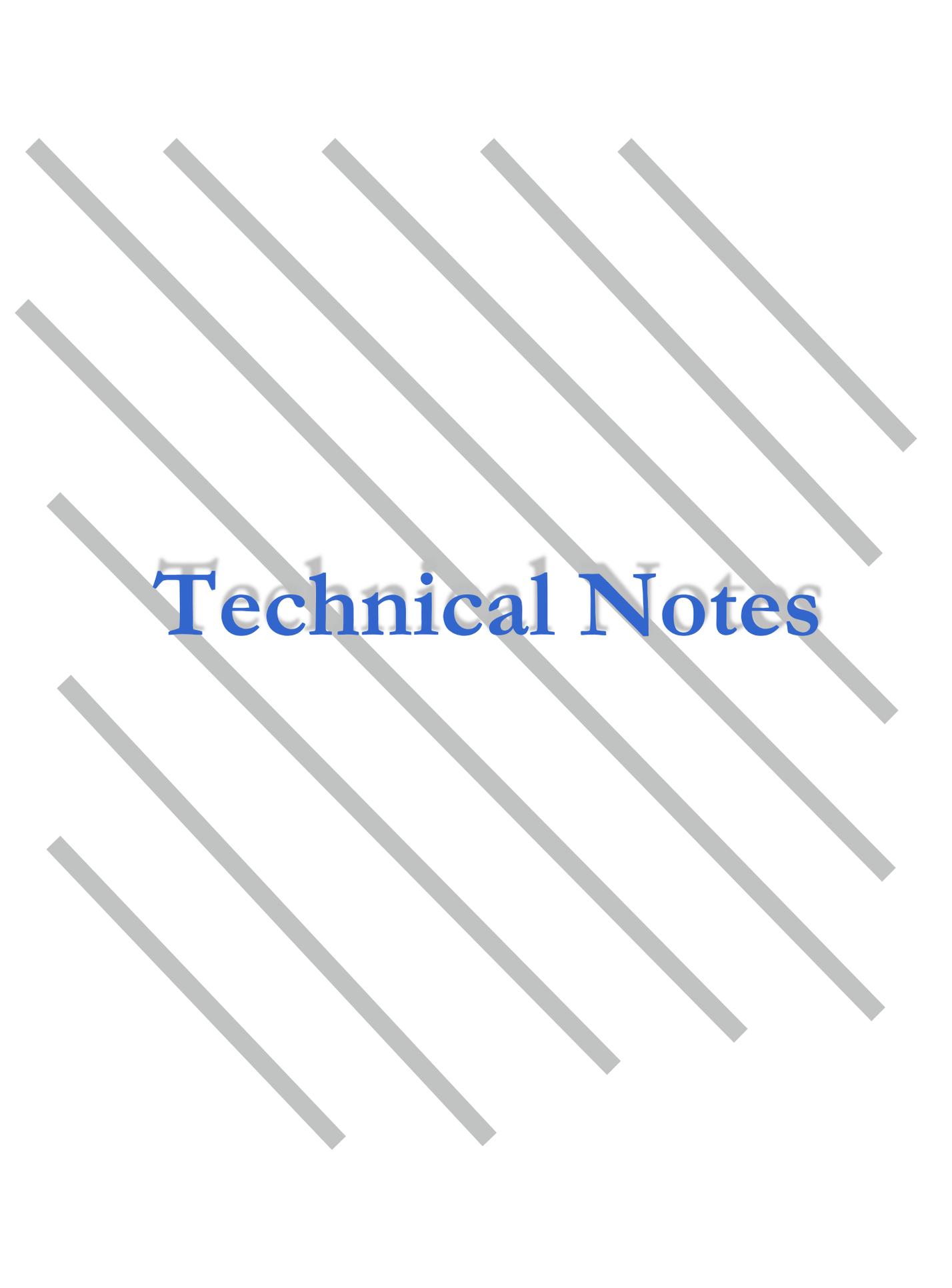
TABLE F-32. FIVE-YEAR AGE-ADJUSTED MORTALITY RATES FOR SELECTED LEADING CAUSES OF DEATH BY RACE AND SEX, DELAWARE, 2001-2017 - CONTINUED

Cause of Death/ Race-Sex	2001 -2005	2002 -2006	2003 -2007	2004 -2008	2005 -2009	2006 -2010	2007 -2011	2008 -2012	2009 -2013	2010 -2014	2011 -2015	2012 -2016	2013 -2017
Pneumonitis due to solids and liquids													
Non-Hispanic White	8.0	7.0	6.4	5.7	5.5	5.2	5.1	4.9	4.8	4.7	5.3	5.5	5.8
Male	9.6	8.1	7.9	6.8	6.8	6.5	6.8	6.8	7.2	7.3	8.0	8.4	8.5
Female	7.0	6.1	5.4	4.9	4.6	4.2	4.1	3.7	3.2	3.0	3.7	3.7	4.1
Non-Hispanic Black	10.4	8.8	8.0	5.5	5.6	4.4	4.0	3.2	4.4	4.7	4.0	4.5	4.8
Male	17.4	14.4	12.1	---	---	---	---	---	8.2	8.6	---	7.3	8.5
Female	6.7	---	---	---	---	---	---	---	---	---	---	---	---
Other diseases of respiratory system													
Non-Hispanic White	8.6	9.4	9.3	9.5	9.2	9.1	9.4	10.1	10.4	10.4	10.3	10.0	9.4
Male	10.0	11.6	11.4	10.9	10.8	10.8	10.5	12.2	13.1	13.1	12.7	12.4	11.9
Female	7.8	8.0	7.8	8.5	8.1	7.8	8.4	8.5	8.3	8.4	8.4	8.2	7.6
Non-Hispanic Black	7.0	6.9	7.3	9.1	9.7	10.1	10.4	9.4	7.8	8.5	8.6	7.5	8.0
Male	10.5	9.7	9.7	11.4	12.8	13.8	14.8	13.4	12.6	13.7	11.9	10.4	12.3
Female	---	5.4	5.8	7.8	8.2	8.1	8.0	7.4	5.2	5.6	6.8	5.9	6.9
Parkinson's disease													
Non-Hispanic White	6.2	6.0	6.3	6.4	6.4	6.2	6.8	7.0	7.6	8.0	8.3	7.9	8.2
Male	9.5	9.1	9.4	9.3	8.9	8.5	8.8	9.1	10.2	11.1	11.4	11.5	12.0
Female	4.5	4.2	4.4	4.8	5.0	4.8	5.6	5.7	6.0	6.0	6.2	5.5	5.6
Non-Hispanic Black	---	---	---	---	---	---	---	---	---	---	3.5	3.1	3.7
Male	---	---	---	---	---	---	---	---	---	---	---	---	---
Female	---	---	---	---	---	---	---	---	---	---	---	---	---
Dementia													
Non-Hispanic White	12.3	16.3	20.1	25.8	32.0	37.4	40.7	44.4	44.3	44.1	42.8	41.0	37.3
Male	9.6	13.3	16.6	21.5	27.1	32.0	34.7	38.3	38.7	38.9	36.9	35.1	31.6
Female	13.7	17.9	22.0	28.0	34.6	40.2	43.7	47.4	47.0	46.6	45.9	44.0	40.4
Non-Hispanic Black	16.4	23.2	30.6	35.0	38.5	42.5	45.0	45.9	45.5	45.9	45.5	43.7	39.4
Male	22.2	29.5	29.1	35.4	40.8	42.9	41.3	42.9	44.0	43.6	43.8	44.1	43.3
Female	13.6	20.2	31.0	34.7	36.8	41.8	46.4	46.9	45.5	46.6	45.8	43.0	36.8

Notes:

1. Rates per 100,000, adjusted to U.S. 2000 population.
2. See Appendix E for ICD-9 and ICD-10 cause of death codes.
3. "----" indicates rate does not meet standards of reliability or precision; based on fewer than 20 deaths in the numerator.

Source: Delaware Department of Health and Social Services, Division of Public Health, Delaware Health Statistics Center



Technical Notes

TECHNICAL NOTES

SOURCES OF DATA

BIRTHS, DEATHS, AND FETAL DEATHS: Birth, death, and fetal death certificates are the source documents for Delaware resident vital events data. A copy of each type of certificate is included as Appendices F, G and H.

The cut-off date for data in this report was October 31st. If a certificate was filed after this date, the data pertaining to that event will not be included in this report, but will be available directly from the Delaware Health Statistics Center (DHSC). Due to the update and addition of records filed after the close of this report, discrepancies may be found between this report and data issued directly from DHSC. The data received directly from DHSC should be considered the most current and accurate data available.

This report also includes Delaware resident births and deaths that occurred in another state. The inclusion of these data is made possible by the State and Territorial Exchange of Vital Events (STEVE) system created by the National Association for Public Health Statistics and Information (NAPHSIS). States not using STEVE to share vital event data with other states and the National Center for Health Statistics (NHCS) agree to send copies of resident certificates.

MARRIAGES AND DIVORCES: Each of Delaware's three counties has a state office for filing marriage certificates. The Office of Vital Statistics in the Division of Public Health's central office in Dover uploads all of the certificate data into the Electronic Vital Record System (EVRS). Copies of divorce certificates are forwarded to the Office of Vital Statistics from the Delaware Family Court system so that certain selected data items can be processed for statistical purposes. A copy of each of these certificates is included as Appendices I and J.

INDUCED TERMINATIONS OF PREGNANCY: As of January 1, 1997, all induced terminations of pregnancy (ITOP) are required to be reported to the Department. Reports of induced termination of pregnancy are filed directly with the DHSC and are only used for statistical purposes. Once all reports for the data year are coded, they are shredded and discarded. ITOP records are not exchanged among the States, therefore events to Delaware residents occurring out-of-state are not included in this report. A copy of the reporting form is included as Appendix K.

REPORTED PREGNANCIES: Reported pregnancies include the combination of live births, fetal deaths, and ITOPs, thereby producing comprehensive information regarding pregnancies and pregnancy outcomes. As a result, pregnancy rates can give a better understanding as to why the live birth rate in either two or more geographical areas or within the same area at different points of time are different. The pregnancy rate can determine if the differences are due to the rate of pregnancy, the differences in pregnancy outcomes (i.e., live birth, fetal death, or ITOP) or a combination of these factors. It should be kept in mind that both births and fetal deaths of Delaware residents are reported regardless of state of occurrence, while induced terminations are reported for only those that occur in Delaware.

POPULATION PROJECTIONS: The state, county and city population figures used in this report are estimates and projections produced by the Delaware Population Consortium (DPC). The DHSC is a member of the DPC and supplies birth and death data used in making the projections. The most recent projections for Delaware's population by age, race, sex, and geographic location are available at http://stateplanning.delaware.gov/information/dpc_projections.shtml.

DATA QUALITY

QUERY AND FIELD PROGRAMS: The quality of vital statistics data presented in this report is directly related to the completeness and accuracy of the information contained on the certificates and forms. The DHSC works with the Office of Vital Statistics to ensure that the information received is as complete and accurate as possible. The Office of Vital Statistics operates both the query and field programs related to improving the quality of information received on vital records.

The query program is a system used to correspond with hospital and clinic personnel, funeral directors and/or physicians concerning data quality problems. The field program attempts to improve vital statistics data quality by educating the participants in the vital registration system (i.e., hospital personnel, funeral directors, physicians, etc.) of the uses and importance of vital statistics data. The field program completes this mission by conducting seminars/conferences for participants and their associations.

The National Center for Health Statistics (NCHS) monitors Delaware's coding of statistical data on death certificates. A 20 percent sample of death records coded and submitted monthly by the state are used as a quality control mechanism by NCHS. NCHS codes these sample records independently and then conducts an item-by-item

computer match of codes entered by the state and NCHS. NCHS has established an upper limit of two percent for coding differences involving any one data item of these sample records, with the exception of cause of death. NCHS independently codes cause of death information.

COMPUTER EDITS AND DATA PROCESSING: Another dimension of data quality is related to the procedures and methodologies used in preparing the data for presentation. Beginning with the 1991 Annual Vital Statistics Report, methodologies for editing and processing vital data were standardized to match the procedures used by NCHS in tabulating national vital statistics data. These procedures include checking for valid codes, computation of data items (e.g., age, live-birth order, weeks of gestation, duration of marriage, interval between divorce and remarriage), consistency checks between data items (e.g., age and education), and imputation of missing values.

FETAL DEATHS: In terms of the completeness of the data, the reporting of deaths and live births is considered to be virtually complete. However, in Delaware, a spontaneous termination of pregnancy is not required to be reported when the fetus weighs less than 350 grams, when the weight is unattainable, or when the duration of pregnancy is less than 20 weeks. National estimates (Ventura, Taffel and Mosher, 1985) indicate that over 90 percent of all spontaneous terminations of pregnancy may occur before this 20-week period and thus go unreported. In addition, the exchange agreement among states for resident fetal death records is problematic due to different reporting requirements; it is unknown whether complete exchange is taking place. The result is that a large number of spontaneous terminations may not be reported.

GEOGRAPHY ALLOCATION

In Delaware's registration program, as in other states, vital events are classified geographically in two ways. The first way vital events are classified geographically is by place of occurrence (i.e., the actual state and county in which the birth or death took place). The second way and a more customary way is by place of residence (i.e., the state, county, and census tract) stated to be the usual residence of the decedent in the case of death, or of the mother in the case of a newborn.

While occurrence statistics are accurate and have both administrative value and some statistical importance, residence statistics are by far the more useful tool in developing health indices for planning and evaluation purposes. The natality and mortality statistics provided in this report are based upon Delaware residence data. Allocation of

place of residence depends entirely on a statement of the usual place of residence furnished by the informant at the time the original certificate is completed. However, the marriage and divorce statistics are occurrence data. This is primarily due to the fact that two separate residences are usually involved in a marriage or a divorce, and there are no accepted standard procedures for classification of residence in these events.

Most of the data provided in this report are available at the census tract level. This information can be obtained by contacting the DHSC.

BIRTH WEIGHT

This report presents birth weight in grams in order to provide data comparable to that published for the United States and other countries. For those live birth certificates where birth weight is reported in pounds and ounces, DHSC converts the birth weight into grams.

The equivalents of the gram intervals in pounds and ounces are as follows:

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

RATES

Absolute counts of births and deaths do not readily lend themselves to analysis and comparison between years and various geographic areas because of differences in population characteristics (e.g., age, sex, and race). In order to account for such differences, the absolute number of events is converted to a relative number such as a percentage, rate, ratio, or index. These conversions are made by relating the number of events to the population at risk in a particular area at a specified time.

Precautions should always be taken when comparing any rates based on vital events. Both the number of events and the characteristics of the population are important to take into account when interpreting a rate. Historical rates may change from one annual report to another due to refinements in population estimates. Therefore, historical trends should not be examined by comparing rates from previous annual reports.

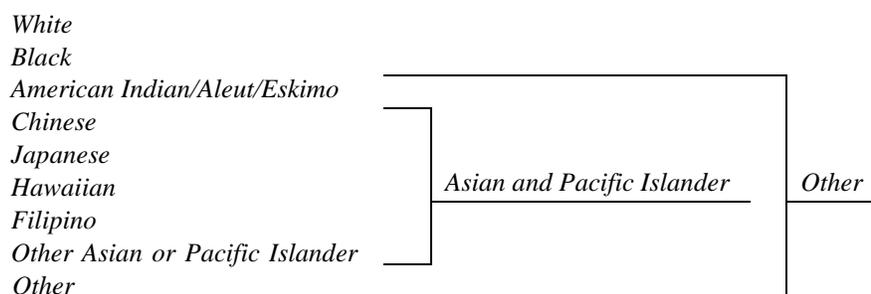
All statistics are subject to random variation.¹ Rates based on a relatively small number of events tend to be subject to more random variation than rates based on a large number of events.

In addition to the problem of small numbers, demographic characteristics of populations (i.e., age, race and sex) can affect the comparability of rates. Since mortality rates vary substantially by age, race and sex, comparisons between rates from populations that differ in these characteristics could be misleading. However, there are two methods that can be used separately or in combination to improve the comparability of mortality rates. The first method involves comparing rates for specific age, race, and/or sex groups in the populations of interest. With this method, the rates are easily calculated and very specific groups may be compared. However, when very specific groups are compared the numbers are often small, and relationships between the overall populations are difficult to determine.

The second method is a more sophisticated technique that statistically "adjusts" for demographic differences between populations and allows direct comparisons between overall population rates. The major disadvantages of adjusted rates are that they can be cumbersome to calculate without the aid of a computer and they only have meaning when compared to other rates adjusted in the same manner.

RACE

All Delaware vital records contain an item(s) regarding race. Race is self-reported in all records except on death certificates where it is provided by an informant. Although the question allows for a free form response, all race data are grouped for purposes of data analysis into the following categories established by NCHS:



The categories *Chinese*, *Japanese*, *Hawaiian*, *Filipino*, and *Other Asian or Pacific Islander* can be combined to form the category *Asian or Pacific Islander*. For purposes of this report, *American Indian/Aleut/Eskimo*, *Chinese*, *Japanese*, *Hawaiian*, *Filipino*, *Other Asian or Pacific Islander*, and *Other* have been combined to form the category *Other*.

¹ See Appendix A for details.

In the case of death, race of decedent from the death certificate is reported in all tables except in the birth cohort (see next paragraph). However, in the case of birth and fetal death, race is indicated on the birth and fetal death certificates for the mother and father only (i.e., race of the newborn is not given). Consequently, birth and fetal death data are reported by race of the mother in most tables throughout this report. However, some tables containing historical birth data prior to 1989 are reported by race of child. For these tables, race of child was imputed using criteria established by NCHS.

In the birth cohort section of this report, birth certificate data for infants dying in the first year of life are combined with information from their death certificates. Therefore, data are available for race of the mother and race of the deceased infant for each case. In the vast majority of these cases, the race listed for the mother and infant are the same. However, in a small number of cases the race of the mother and infant differ. To maintain consistency with data in the natality section, race of the mother is used for all tables in the birth cohort section.

HISPANIC ORIGIN

Beginning in 1989, a specific question regarding Hispanic origin was added to the birth and death certificates. This question is considered to be separate from the Race question. Therefore, a person may report Hispanic origin in combination with any race category. The Hispanic question has two parts. The first simply asks whether the person is of Hispanic origin (Yes or No). The second part is a free-form item that asks for the specific origin (e.g., *Cuban, Mexican, Puerto Rican, etc.*).

MISSING INFORMATION REGARDING FATHERS

The Delaware vital statistics law specifies that information regarding the father should not be entered on the birth certificate if the mother is single. As such, there is no information regarding the father for the vast majority of births to single mothers. However, in a few cases, information about the father was entered on the certificate when the mother was single. Some tables in the natality section (e.g., births to parents of Hispanic origin) may contain information regarding the father that includes such cases.

Beginning on January 1, 1995, a new program was instituted to allow fathers to acknowledge paternity through completion of a simple form in cases where the mother and father are not married. This form can be completed

at any time up to the child's eighteenth birthday. When such acknowledgments are completed at the hospital at the time of birth, the DHSC is able to add father information to its electronic data base.

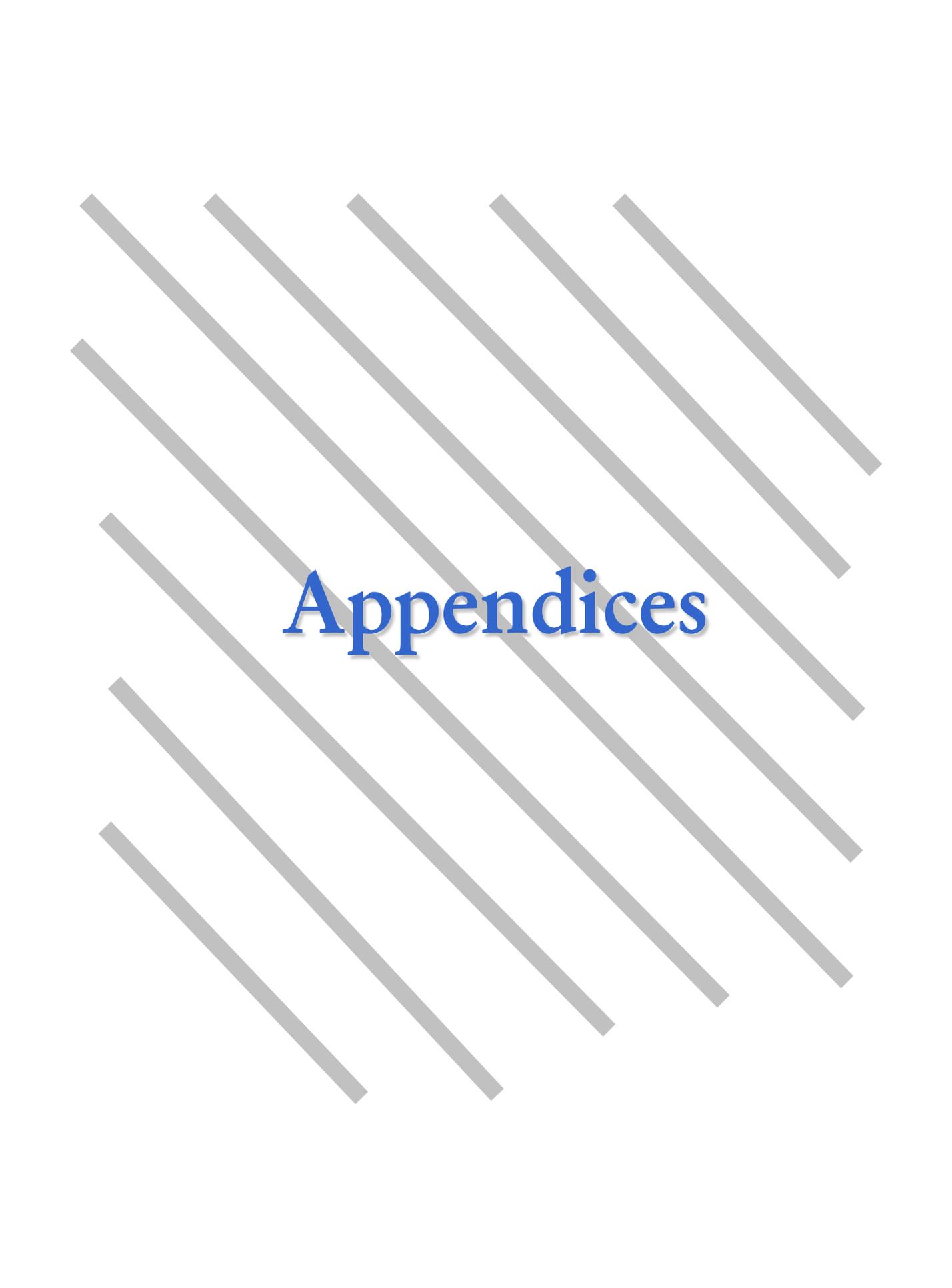
SOURCE OF PAYMENT FOR DELIVERY

Beginning with the 1991 data year, the Center began obtaining information regarding the source of payment for delivery on birth certificates (private insurance, Medicaid, and self-pay). However, this information was not available for all Delaware resident mothers giving birth in other states (approximately 5 percent of all resident births). For purposes of this report, all such mothers were assigned to the private insurance category. This assignment was based on detailed analyses of the characteristics of these mothers. These analyses indicated that the demographic characteristics of these mothers very closely matched the characteristics of Delaware resident mothers who gave birth within the State and had private insurance listed as their source of payment. Furthermore, an examination of Medicaid data indicated that it is extremely rare for Medicaid mothers to give birth out-of-state.

2000 POPULATION STANDARD

Beginning with the 1999 report, all mortality rates were age-adjusted using the projected 2000 U.S. population standard. All previous versions of the vital statistics report used the 1940 U.S. population standard from the census of the same year. All historical mortality data have been adjusted to the new standard to allow comparisons over time. Comparisons between rates using the old standard and the new standard are not valid and should not be made.

A more detailed explanation of the rationale for updating the population standard can be found in a special report from NCHS (Anderson and Rosenberg, 1998).

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Appendices

APPENDIX A

RANDOM VARIATION

In this report, the number of vital events represent complete counts for the U.S., Delaware, and county populations. Therefore, they are not subject to sampling error, although they are subject to certain errors in the registration process such as age misreporting. However, the number of events and the corresponding rates are subject to random variation. That is, the rates that actually occurred may be considered as one of a large number of possible outcomes that could have arisen under the same circumstances (National Office of Vital Statistics, 1961). As a result, rates in a given population may tend to fluctuate from year to year even when the health of the population is unchanged. Random variation in rates based on a relatively small number of events, tends to be larger than for rates based upon events that occur more frequently. Delaware rates for some events (e.g., infant deaths) are particularly subject to such variations due to the small number of events that occur by definition in a relatively small population. Therefore, caution should be exercised when drawing conclusions about rates based on small numbers.

The issue of random variation was handled in two ways in this report. First, multi-year average rates were reported instead of annual rates. This tended to reduce the effects of random variation since the number of events in a five-year period was much larger. Second, tests of statistical significance were used to make comparisons between rates when appropriate. These statistical tests were used to determine the chance that the observed differences would occur in populations with equal rates by random variation alone. The methods used to calculate infant mortality rates are described in Appendix B.

APPENDIX B

METHODS FOR CALCULATION AND STATISTICAL ANALYSIS OF FIVE-YEAR AVERAGE INFANT MORTALITY RATES

Due to the small number of infant deaths in Delaware, slight year-to-year changes in the number of deaths can lead to substantial fluctuations in annual rates. In many cases, this problem makes interpretation of annual rates extremely difficult, if not impossible. Since there is far less random fluctuation in five-year average (FYA) rates, they are much better for assessing the health status of infants in Delaware.² When rolling FYA rates (e.g., rates for 1980-1984, 1981-1985, and 1982-1986) are used, the patterns of changes in infant mortality over a number of years can be determined.

A description of the methods used to calculate the running FYA rates and the statistical methodology used to compare infant mortality rates are described below.

FIVE-YEAR AVERAGE INFANT MORTALITY RATES: Running FYA infant, neonatal, and postneonatal mortality rates (see Definitions) were calculated by race for the U.S., Delaware, and Delaware's three counties. The rates (i.e., infant, neonatal, or postneonatal) were computed by dividing the total number of deaths over each five-year period by the total number of live births over the same five-year period and multiplying the result by 1,000.

STATISTICAL TESTS:

Confidence intervals for rates based on fewer than 100 deaths:

$$LCL = R_1 * L(.95, D_{adj})$$

$$UCL = R_1 * U(.95, D_{adj})$$

$$\text{where } D_{adj} = \frac{D * B}{D + B}$$

L and U are upper and lower confidence factors based on a gamma distribution with parameter D_{adj} .

²See Appendix A for a description of random variation and rationale for use of five-year average rates.

Confidence intervals for rates based 100 or more deaths:

$$R_1 \pm 1.96 * SE$$
$$\text{where } SE(R_1) = R_1 * \frac{RSE(R_1)}{100}$$
$$\text{and } RSE(R_1) = 100 * \sqrt{\left(\frac{1}{D} + \frac{1}{B}\right)}$$

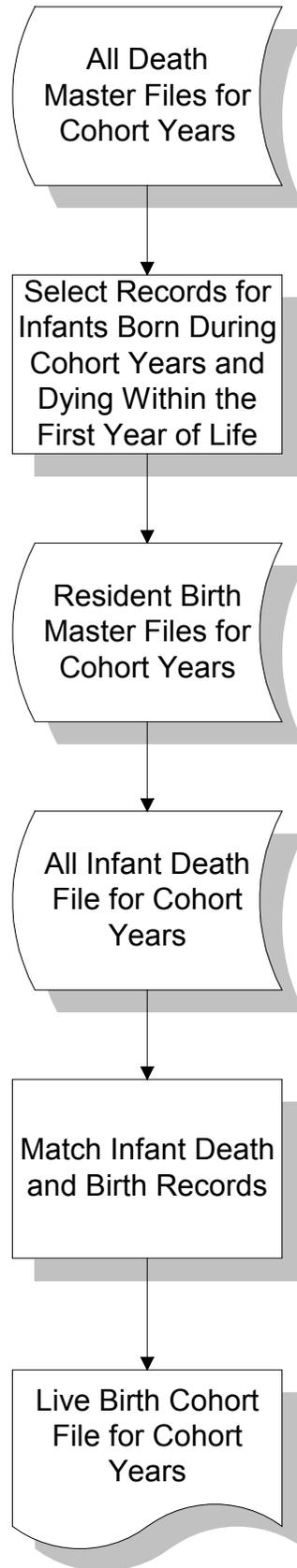
Comparison of two infant mortality rates - When the number of events for one or both of the rates was less than 100, comparisons between rates were based on the confidence intervals for each. If they overlapped, the difference was not significant. When the number of events for both rates was 100 or more, the following z-test was used to define a significant test statistic:

$$z = \frac{R_1 - R_2}{\sqrt{R_1^2 \left(\frac{RSE(R_1)}{100}\right)^2 + R_2^2 \left(\frac{RSE(R_2)}{100}\right)^2}}$$

If $|z| \geq 1.96$ then the difference between the rates was statistically significant at the 0.05-level.

APPENDIX C

CREATION OF A LIVE BIRTH COHORT FILE



APPENDIX D

COMPARABLE CATEGORY CODES FOR SELECTED CAUSES OF INFANT DEATH

Cause of death	Category codes according to	
	ICD-10 ¹	ICD-9 ²
Diarrhea and gastroenteritis of infectious origin	A09	009
Tuberculosis	A16–A19	010-018
Tetanus	A33,A35	037,771.3
Diphtheria	A36	032
Whooping cough	A37	033
Meningococcal infection	A39	036
Septicemia	A40-A41	038
Congenital syphilis	A50	090
Gonococcal infection	A54	098
Acute poliomyelitis	A80	045
Varicella (chickenpox)	B01	052
Measles	B05	055
Human immunodeficiency virus (HIV)	B20-B24	042-044
Mumps	B26	072
Candidiasis	B37	112
Malaria	B50–B54	084
Pneumocystosis	B59	136.3
Malignant Neoplasms	C00-C97	140-208
In situ, benign, and neoplasms of uncertain or unk behavior	D00-D48	210-239
Diseases of blood and blood-forming organs and certain disorders involving the immune mechanism	D50-D89	135,279-289
Short stature, not elsewhere classified	E34.3	259.4
Nutritional deficiencies	E40-E64	260-269
Cystic fibrosis	E84	277.0
Volume depletion, disorders of fluid, electrolyte and acid-base balance	E86-E87	276
Meningitis	G00,G03	320-322
Infantile spinal muscular atrophy, type I	G12.0	335.0
Infantile cerebral palsy	G80	343
Anoxic brain damage, not elsewhere classified	G93.1	348.1
Diseases of the ear and mastoid process	H60-H93	380-389
Diseases of the circulatory system	I00-I99	390-434,436-459
Acute upper respiratory infections	J00-J06	034.0,460-465
Influenza and pneumonia	J10-J18	480-487
Acute bronchitis and bronchiolitis	J20-J21	466
Bronchitis, chronic and unspecified	J40-J42	490-491
Asthma	J45-J46	493
Pneumonitis due to solids and liquids	J69	507
Gastritis, duodenitis, and noninfective enteritis and colitis	K29,K50-K55	535,555-558
Hernia of abdominal cavity and intestinal obstruction without hernia	K40-K46,K56	550-553,560
Renal failure and other disorders of kidney	N17-N19,N25,N27	584-589
Newborn affected by maternal hypertensive disorders	P00.0	760.0
Newborn affected by other maternal conditions which may be unrelated to present pregnancy	P00.1-P00.9	760.1-760.6,760.8-760.9
Newborn affected by maternal complications of pregnancy	P01	761
Newborn affected by complications of placenta, cord, and membranes	P02	762

APPENDIX D (cont.)

COMPARABLE CATEGORY CODES FOR SELECTED CAUSES OF INFANT DEATH

Cause of death	Category codes according to	
	ICD-10 ¹	ICD-9 ²
Newborn affected by other complications of labor and delivery	P03	763.0-763.4,763.6-763.9
Newborn affected by noxious influences transmitted via placenta or breast milk	P04	760.7,763.5
Slow fetal growth and fetal malnutrition	P05	764
Disorders related to short gestation and low birth weight, not elsewhere classified	P07	765
Disorders related to long gestation and high birth weight	P08	766
Birth trauma	P10-P15	767
Intrauterine hypoxia and birth asphyxia	P20-P21	768
Respiratory distress of newborn	P22	769
Congenital pneumonia	P23	770.0
Neonatal aspiration syndrome	P24	770.1
Interstitial emphysema and related conditions originating in the perinatal period	P25	770.2
Pulmonary hemorrhage originating in the perinatal period	P26	770.3
Chronic respiratory disease originating in the perinatal period	P27	770.7
Atelectasis	P280.-P28.1	770.4-770.5
Bacterial sepsis of newborn	P36	771.8
Omphalitis of newborn with or without mild hemorrhage	P38	771.4
Neonatal hemorrhage	P50-P52,P54	772
Hemorrhagic disease of newborn	P53	776.0
Hemolytic disease of newborn due to isoimmunization and other perinatal jaundice	P55-P59	773-774
Hematological disorders	P60-P61	776.1-776.9
Syndrome of infant of a diabetic mother and neonatal diabetes mellitus	P70.0-P70.2	775.0-775.1
Necrotizing enterocolitis of newborn	P77	777.5
Hydrops fetalis not due to hemolytic disease	P83.2	778.0
Congenital malformations, deformations, and chromosomal abnormalities	Q00-Q99	740-759
Sudden infant death syndrome	R95	798.0
Accidents	V01-X59	800-869,880-929
Homicide	X85-Y09	960-968
Complications of medical and surgical care	Y40-Y84,Y88	E870-E879,E930-E949

1. International Classification of Diseases, Tenth Revision.

2. International Classification of Diseases, Ninth Revision.

APPENDIX E

COMPARABLE CATEGORY CODES FOR SELECTED CAUSES OF DEATH

Cause of death	Category codes according to	
	ICD-10 ¹	ICD-9 ²
Salmonella infections	A01-A02	002-003
Shigellosis and amebiasis	A03,A06	004,006
Tuberculosis	A16–A19	010-018
Whooping cough	A37	033
Scarlet fever and erysipelas	A38,A46	034.1-035
Meningococcal infection	A39	036
Septicemia	A40-A41	038
Syphilis	A50–A53	090-097
Acute poliomyelitis	A80	045
Arthropod-borne viral encephalitis	A83-A84,A85.2	062-064
Measles	B05	055
Viral hepatitis	B15–B19	070
Human immunodeficiency virus (HIV)	B20-B24	042-044
Malaria	B50–B54	084
Malignant Neoplasms	C00-C97	140-208
In situ, benign, and neoplasms of uncertain or unk behavior	D00-D48	210-239
Anemias	D50-D64	280-285
Diabetes mellitus	E10-E14	250
Nutritional deficiencies	E40-E64	260-269
Meningitis	G00,G03	320-322
Parkinson's disease	G20-G21	332
Alzheimer's Disease	G30	331.0
Diseases of the Heart	I00-I09, I11, I13, I20-I51	390-398, 402, 404, 410-429
Essential (primary) hypertension and hypertensive renal disease	I10, I12	401, 403
Cerebrovascular Diseases	I60-I69	430-434, 436-438
Atherosclerosis	I70	440
Aortic aneurysm and dissection	I71	441
Influenza and pneumonia	J10-J18	480-487
Acute bronchitis and bronchiolitis	J20-J21	466
Chronic Lower Respiratory Diseases	J40-J47	490-494, 496
Pneumoconioses and chemical effects	J60-J66,J68	500-506
Pneumonitis due to solids and liquids	J69	507
Peptic ulcer	K25-K28	531-534
Disease of the appendix	K35-K38	540-543
Hernia	K40-K46	550-553
Chronic liver disease and cirrhosis	K70, K73-K74	571
Cholelithiasis and other disorders of gallbladder	K80-K82	574-575
Nephritis, nephrotic syndrome, and nephrosis	N00-N07, N17-N19, N25-N27	580-589
Infections of kidney	N10-N12,N13.6,N15.1	590
Hyperplasia of prostate	N40	600
Inflammatory disease of female pelvic organs	N70-N76	614-616
Pregnancy, childbirth and the puerperium	O00-O99	630-676
Certain conditions originating in the perinatal period	P00-P96	760-771.2, 771.4-779

APPENDIX E (cont.)

COMPARABLE CATEGORY CODES FOR SELECTED CAUSES OF DEATH

Cause of death	Category codes according to	
	ICD-10 ¹	ICD-9 ²
Congenital malformations, deformations and chromosomal abnormalities	Q00-Q99	740-759
Accidents (unintentional injuries)	V01-X59, Y85-Y86	E800-E869, E880-E929
Intentional self-harm (suicide)	*U03, X60-X84, Y87.0	E950-E959
Assault (Homicide)	*U01-*U02, X85-Y09, Y87.1	E960-E969
Legal intervention	Y35, Y89.0	E970-E978
Operations of war and their sequelae	Y36, Y89.1	E990-E999
Complications of medical and surgical care	Y40-Y84, Y88	E870-E879, E930-E949

1. International Classification of Diseases, Tenth Revision.

2. International Classification of Diseases, Ninth Revision.

APPENDIX F

STATE OF DELAWARE CERTIFICATE OF LIVE BIRTH

STATE OF DELAWARE
DEPARTMENT OF HEALTH AND SOCIAL SERVICES
CERTIFICATE OF LIVE BIRTH

(107)
STATE FILE #

CHILD	1. CHILD'S NAME (First, Middle, Last, Suffix)		2. TIME OF BIRTH (24HR)	3. SEX	4. DATE OF BIRTH (Mo/Day/Yr)	
	5. FACILITY NAME (If not institution, give street and number)		6. CITY, TOWN, OR LOCATION OF BIRTH		7. COUNTY OF BIRTH	
MOTHER	8a. MOTHER'S CURRENT LEGAL NAME (First, Middle, Last, Suffix)			8b. MOTHER'S DATE OF BIRTH (Mo/Day/Yr)		
	8c. MOTHER'S NAME PRIOR TO FIRST MARRIAGE (First, Middle, Last, Suffix)			8d. BIRTHPLACE (State, Territory, or Foreign Country)		
	9a. RESIDENCE OF MOTHER-STATE		9b. COUNTY	9c. CITY, TOWN, OR LOCATION		
	9d. STREET AND NUMBER		9e. APT. NO	9f. ZIP CODE	9g. INSIDE CITY LIMITS? <input type="checkbox"/> YES <input type="checkbox"/> NO	
FATHER	10a. FATHER'S CURRENT LEGAL NAME (First, Middle, Last, Suffix)		10b. DATE OF BIRTH (Mo/Day/Yr)	10c. BIRTHPLACE (State, Territory, or Foreign Country)		
CERTIFIER	11. CERTIFIER'S NAME TITLE: <input type="checkbox"/> MD <input type="checkbox"/> DO <input type="checkbox"/> HOSPITAL ADMIN <input type="checkbox"/> CNM/CM <input type="checkbox"/> OTHER MIDWIFE <input type="checkbox"/> OTHER (SPECIFY) _____			12. DATE CERTIFIED MM / DD / YYYY	13. DATE FILED BY REGISTRAR MM / DD / YYYY	
	INFORMATION FOR ADMINISTRATIVE USE					
MOTHER	14. MOTHER'S MAILING ADDRESS: <input type="checkbox"/> Same as residence, or		STATE	CITY, TOWN, OR LOCATION		
	STREET & NUMBER		APARTMENT NO	ZIP CODE		
	15. MOTHER MARRIED? (At birth, conception, or any time between) <input type="checkbox"/> Yes <input type="checkbox"/> No		16. SOCIAL SECURITY NUMBER REQUESTED FOR CHILD? <input type="checkbox"/> Yes <input type="checkbox"/> No	17. FACILITY ID. (NPI)		
	IF NO, HAS PATERNITY ACKNOWLEDGMENT BEEN SIGNED IN THE HOSPITAL? <input type="checkbox"/> Yes <input type="checkbox"/> No		18. MOTHER'S SOCIAL SECURITY NUMBER:			
		19. FATHER'S SOCIAL SECURITY NUMBER:				
INFORMATION FOR MEDICAL AND HEALTH PURPOSES ONLY						
MOTHER	20. MOTHER'S EDUCATION (Check the box that best describes the highest degree or level of school completed at the time of delivery) <input type="checkbox"/> 8 th grade or less <input type="checkbox"/> 9 th - 12 th grade, no diploma <input type="checkbox"/> High school graduate or GED completed <input type="checkbox"/> Some college credit but no degree <input type="checkbox"/> Associate degree (e.g., AA, AS) <input type="checkbox"/> Bachelor's degree (e.g., BA, AB, BS) <input type="checkbox"/> Master's degree (e.g., MA, MS, MEng, MEd, MSW, MBA) <input type="checkbox"/> Doctorate (e.g., PhD, EdD) or Professional degree (e.g., MD, DDS, DVM, LLB, JD)		21. MOTHER OF HISPANIC ORIGIN? (Check the box that best describes whether the mother is Spanish/Hispanic/Latina. Check the "No" box if mother is not Spanish/Hispanic/Latina) <input type="checkbox"/> No, not Spanish/Hispanic/Latina <input type="checkbox"/> Yes, Mexican, Mexican American, Chicana <input type="checkbox"/> Yes, Puerto Rican <input type="checkbox"/> Yes, Cuban <input type="checkbox"/> Yes, other Spanish/Hispanic/Latina (Specify) _____		22. MOTHER'S RACE (Check one or more races to indicate what the mother considers herself to be) <input type="checkbox"/> White <input type="checkbox"/> Black or African American <input type="checkbox"/> American Indian or Alaska Native (Name of the enrolled or principal tribe) _____ <input type="checkbox"/> Asian Indian <input type="checkbox"/> Chinese <input type="checkbox"/> Filipino <input type="checkbox"/> Japanese <input type="checkbox"/> Korean <input type="checkbox"/> Vietnamese <input type="checkbox"/> Other Asian (Specify) _____ <input type="checkbox"/> Native Hawaiian <input type="checkbox"/> Guamanian or Chamorro <input type="checkbox"/> Samoan <input type="checkbox"/> Other Pacific Islander (Specify) _____ <input type="checkbox"/> Other (Specify) _____ Predominant Race _____	
	MOTHER'S MEDICAL RECORD NO _____					
FATHER	23. FATHER'S EDUCATION (Check the box that best describes the highest degree or level of school completed at the time of delivery) <input type="checkbox"/> 8 th grade or less <input type="checkbox"/> 9 th - 12 th grade, no diploma <input type="checkbox"/> High school graduate or GED completed <input type="checkbox"/> Some college credit but no degree <input type="checkbox"/> Associate degree (e.g., AA, AS) <input type="checkbox"/> Bachelor's degree (e.g., BA, AB, BS) <input type="checkbox"/> Master's degree (e.g., MA, MS, MEng, MEd, MSW, MBA) <input type="checkbox"/> Doctorate (e.g., Ph.D., EdD) or Professional degree (e.g., MD, DDS, DVM, LLB, JD)		24. FATHER OF HISPANIC ORIGIN? (Check the box that best describes whether the father is Spanish/Hispanic/Latino. Check the "No" box if father is not Spanish/Hispanic/Latino) <input type="checkbox"/> No, not Spanish/Hispanic/Latino <input type="checkbox"/> Yes, Mexican, Mexican American, Chicano <input type="checkbox"/> Yes, Puerto Rican <input type="checkbox"/> Yes, Cuban <input type="checkbox"/> Yes, other Spanish/Hispanic/Latino (Specify) _____		25. FATHER'S RACE (Check one or more races to indicate what the father considers himself to be) <input type="checkbox"/> White <input type="checkbox"/> Black or African American <input type="checkbox"/> American Indian or Alaska Native (Name of the enrolled or principal tribe) _____ <input type="checkbox"/> Asian Indian <input type="checkbox"/> Chinese <input type="checkbox"/> Filipino <input type="checkbox"/> Japanese <input type="checkbox"/> Korean <input type="checkbox"/> Vietnamese <input type="checkbox"/> Other Asian (Specify) _____ <input type="checkbox"/> Native Hawaiian <input type="checkbox"/> Guamanian or Chamorro <input type="checkbox"/> Samoan <input type="checkbox"/> Other Pacific Islander (Specify) _____ <input type="checkbox"/> Other (Specify) _____ Predominant Race _____	
	STATE OFFICE USE ONLY					
26. PLACE WHERE BIRTH OCCURRED (Check one) <input type="checkbox"/> Hospital <input type="checkbox"/> Freestanding birthing center <input type="checkbox"/> Home Birth: Planned to deliver at home? <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Clinic/Doctor's office <input type="checkbox"/> Other (Specify) _____		27. ATTENDANT'S NAME, TITLE, AND NPI NAME: _____ NPI: _____ TITLE: <input type="checkbox"/> MD <input type="checkbox"/> DO <input type="checkbox"/> CNM/CM <input type="checkbox"/> OTHER MIDWIFE <input type="checkbox"/> OTHER (Specify) _____		28. MOTHER TRANSFERRED FOR MATERNAL MEDICAL OR FETAL INDICATIONS FOR DELIVERY? <input type="checkbox"/> Yes <input type="checkbox"/> No IF YES, ENTER NAME OF FACILITY MOTHER TRANSFERRED FROM: _____		

APPENDIX F (cont.)

STATE OF DELAWARE CERTIFICATE OF LIVE BIRTH STATISTICAL SECTION

MOTHER	29a. DATE OF FIRST PRENATAL CARE VISIT MM / DD / YYYY <input type="checkbox"/> No Prenatal Care		29b. DATE OF LAST PRENATAL CARE VISIT MM / DD / YYYY		30. TOTAL NUMBER OF PRENATAL VISITS FOR THIS PREGNANCY (If none, enter '0')				
	31. MOTHER'S HEIGHT ____ (feet/inches)		32. MOTHER'S PRE-PREGNANCY WEIGHT ____ (pounds)		34. DID MOTHER GET WIC FOOD FOR HERSELF DURING THIS PREGNANCY? <input type="checkbox"/> YES <input type="checkbox"/> NO				
	35. NUMBER OF PREVIOUS LIVE BIRTHS (Do not include this child)		36. NUMBER OF OTHER PREGNANCY OUTCOMES (Spontaneous or induced losses or ectopic pregnancies)		37. CIGARETTE SMOKING BEFORE AND DURING PREGNANCY For each time period, enter the number of cigarettes smoked if NONE, ENTER '0'. Average number of cigarettes or packs of cigarettes smoked per day # of Cigarettes # or packs Three Months Before Pregnancy _____ OR _____ First Three Months of Pregnancy _____ OR _____ Second Three Months of Pregnancy _____ OR _____ Last Trimester of Pregnancy _____ OR _____				
	35a. Now Living Number <input type="checkbox"/> None		35b. Now Dead Number <input type="checkbox"/> None						
35c. DATE OF LAST LIVE BIRTH MM / DD / YYYY		36a. OTHER OUTCOMES NUMBER <input type="checkbox"/> None		38. PRINCIPAL SOURCE OF PAYMENT FOR THE DELIVERY <input type="checkbox"/> Private Insurance <input type="checkbox"/> Medicaid <input type="checkbox"/> Self pay <input type="checkbox"/> Other (Specify) _____					
35c. DATE OF LAST LIVE BIRTH MM / DD / YYYY		36b. DATE OF LAST OTHER PREGNANCY OUTCOME MM / DD / YYYY		39. DATE LAST NORMAL MENSES BEGAN MM / DD / YYYY		40. MOTHER'S MEDICAL RECORD NUMBER			
MEDICAL AND HEALTH INFORMATION	41. RISK FACTORS IN THIS PREGNANCY (Check all that apply). Diabetes <input type="checkbox"/> Pre-Pregnancy (Diagnosis prior to this pregnancy) <input type="checkbox"/> Gestational (Diagnosis in this pregnancy) Hypertension <input type="checkbox"/> Pre-Pregnancy (Chronic) <input type="checkbox"/> Gestational <input type="checkbox"/> Eclampsia <input type="checkbox"/> Previous preterm birth <input type="checkbox"/> Other previous poor pregnancy outcome (includes perinatal death, small-for-gestational age/intrauterine growth restricted birth) <input type="checkbox"/> Pregnancy resulted from infertility treatment-if yes, check all that apply: <input type="checkbox"/> Fertility-enhancing drugs, Artificial insemination or Intrauterine insemination <input type="checkbox"/> Assisted reproductive technology (e.g. in vitro fertilization [IVF], gamete intrafallopian transfer [GIFT]) <input type="checkbox"/> Mother had a previous cesarean delivery If yes, how many _____ <input type="checkbox"/> None of the above			44. ONSET OF LABOR (CHECK ALL THAT APPLY) <input type="checkbox"/> Premature Rupture of Membranes (prolonged, ≥ 12 hrs.) <input type="checkbox"/> Precipitous Labor (< 3 hrs.) <input type="checkbox"/> Prolonged Labor (≥ 20 hrs.) <input type="checkbox"/> None of the Above			46. METHOD OF DELIVERY A. Was delivery with forceps attempted but unsuccessful? <input type="checkbox"/> Yes <input type="checkbox"/> No B. Was delivery with vacuum extraction attempted but unsuccessful? <input type="checkbox"/> Yes <input type="checkbox"/> No C. Fetal presentation at birth <input type="checkbox"/> Cephalic <input type="checkbox"/> Breech <input type="checkbox"/> Other D. Final route and method of delivery (Check one) <input type="checkbox"/> Vaginal/Spontaneous <input type="checkbox"/> Vaginal/Forceps <input type="checkbox"/> Vaginal/Vacuum <input type="checkbox"/> Cesarean If cesarean, was a trial of labor attempted? <input type="checkbox"/> Yes <input type="checkbox"/> No		
	42. INFECTIONS PRESENT AND/OR TREATED DURING THIS PREGNANCY (Check all that apply) <input type="checkbox"/> Gonorrhea <input type="checkbox"/> Syphilis <input type="checkbox"/> Chlamydia <input type="checkbox"/> Hepatitis B <input type="checkbox"/> Hepatitis C <input type="checkbox"/> None of the above			45. CHARACTERISTICS OF LABOR AND DELIVERY <input type="checkbox"/> Induction of labor <input type="checkbox"/> Augmentation of labor <input type="checkbox"/> Non-vertex presentation <input type="checkbox"/> Steroids (glucocorticoids) for fetal lung maturation received by the mother prior to delivery <input type="checkbox"/> Antibiotics received by the mother during labor <input type="checkbox"/> Clinical chorioamnionitis diagnosed during labor or: maternal temperature $\geq 38^{\circ}$ C (100.4° F) <input type="checkbox"/> Moderate/heavy meconium staining of the amniotic fluid <input type="checkbox"/> Fetal intolerance of labor such that one or more of the following actions was taken: in-utero resuscitative measures, further fetal assessment, or operative delivery <input type="checkbox"/> Epidural or spinal anesthesia during labor <input type="checkbox"/> None of the above			47. MATERNAL MORBIDITY (Check all that apply) (Complications associated with labor and delivery) <input type="checkbox"/> Maternal transfusion <input type="checkbox"/> Third or fourth degree perineal laceration <input type="checkbox"/> Ruptured uterus <input type="checkbox"/> Unplanned hysterectomy <input type="checkbox"/> Admission to intensive care unit <input type="checkbox"/> Unplanned operating room procedure following delivery <input type="checkbox"/> None of the above		
	43. OBSTETRIC PROCEDURES (Check all that apply) <input type="checkbox"/> Cervical cerclage <input type="checkbox"/> Tocolysis External cephalic version: <input type="checkbox"/> Successful <input type="checkbox"/> Failed <input type="checkbox"/> None of the above			45. CHARACTERISTICS OF LABOR AND DELIVERY <input type="checkbox"/> Induction of labor <input type="checkbox"/> Augmentation of labor <input type="checkbox"/> Non-vertex presentation <input type="checkbox"/> Steroids (glucocorticoids) for fetal lung maturation received by the mother prior to delivery <input type="checkbox"/> Antibiotics received by the mother during labor <input type="checkbox"/> Clinical chorioamnionitis diagnosed during labor or: maternal temperature $\geq 38^{\circ}$ C (100.4° F) <input type="checkbox"/> Moderate/heavy meconium staining of the amniotic fluid <input type="checkbox"/> Fetal intolerance of labor such that one or more of the following actions was taken: in-utero resuscitative measures, further fetal assessment, or operative delivery <input type="checkbox"/> Epidural or spinal anesthesia during labor <input type="checkbox"/> None of the above			47. MATERNAL MORBIDITY (Check all that apply) (Complications associated with labor and delivery) <input type="checkbox"/> Maternal transfusion <input type="checkbox"/> Third or fourth degree perineal laceration <input type="checkbox"/> Ruptured uterus <input type="checkbox"/> Unplanned hysterectomy <input type="checkbox"/> Admission to intensive care unit <input type="checkbox"/> Unplanned operating room procedure following delivery <input type="checkbox"/> None of the above		
	NEWBORN INFORMATION								
48. NEWBORN MEDICAL RECORD NUMBER		49. BIRTHWEIGHT (grams preferred, specify unit) _____ <input type="checkbox"/> grams <input type="checkbox"/> lb/oz		54. ABNORMAL CONDITIONS OF THE NEWBORN (Check all that apply) <input type="checkbox"/> Assisted ventilation required immediately following delivery <input type="checkbox"/> Assisted ventilation required for more than six Hours <input type="checkbox"/> NICU admission <input type="checkbox"/> Newborn given surfactant replacement therapy <input type="checkbox"/> Antibiotics received by the newborn for suspected neonatal sepsis <input type="checkbox"/> Seizure or serious neurologic dysfunction <input type="checkbox"/> Significant birth injury (skeletal fracture(s), peripheral nerve injury, and/or soft tissue/solid organ hemorrhage which requires intervention) <input type="checkbox"/> None of the above					
50. OBSTETRIC ESTIMATE OF GESTATION _____ (completed weeks)		51. APGAR SCORE Score at 5 minutes _____ If 5 minute score is less than 6, Score at 10 minutes _____		55. CONGENITAL ANOMALIES OF THE NEWBORN (Check all that apply) <input type="checkbox"/> Anencephaly <input type="checkbox"/> Meningocele/Spina bifida <input type="checkbox"/> Cyanotic congenital heart disease <input type="checkbox"/> Congenital diaphragmatic hernia <input type="checkbox"/> Omphalocele <input type="checkbox"/> Gastrochisis <input type="checkbox"/> Limb reduction defect (excluding congenital amputation and dwarfing syndromes) <input type="checkbox"/> Cleft Lip with or without Cleft Palate <input type="checkbox"/> Cleft Palate alone <input type="checkbox"/> Down Syndrome <input type="checkbox"/> Karyotype confirmed <input type="checkbox"/> Karyotype pending <input type="checkbox"/> Suspected chromosomal disorder <input type="checkbox"/> Karyotype confirmed <input type="checkbox"/> Karyotype pending <input type="checkbox"/> Hypospadias <input type="checkbox"/> None of the above					
52. PLURALITY – Single, Twin, Triplet, etc. (Specify) _____		53. IF NOT SINGLE BIRTH – Born first, second, third, etc. (Specify) _____		56. WAS INFANT TRANSFERRED WITHIN 24 HOURS OF DELIVERY? <input type="checkbox"/> Yes <input type="checkbox"/> No IF YES, NAME OF FACILITY INFANT TRANSFERRED TO: _____					
		57. IS INFANT LIVING AT TIME OF REPORT? <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Infant transferred, status unknown		58. IS INFANT BEING BREASTFED AT DISCHARGE? <input type="checkbox"/> Yes <input type="checkbox"/> No					

APPENDIX G

STATE OF DELAWARE CERTIFICATE OF DEATH

**OFFICE OF VITAL
STATISTICS**

CERTIFICATE OF DEATH
State of Delaware
**DEPARTMENT OF HEALTH AND SOCIAL
SERVICES**

(107)

State File Number

To Be Completed/ Verified By: FUNERAL DIRECTOR	1. DECEDENT'S LEGAL NAME (Include AKA's if any) (First, Middle, Last)				2. SEX	3. SOCIAL SECURITY NUMBER
	4a. AGE-Last Birthday (Years)	4b. UNDER 1 YEAR Months Days	4c. UNDER 1 DAY Hours Minutes	5. DATE OF BIRTH (Mo/Day/Yr)	6. BIRTHPLACE (City and State or Foreign Country)	
	7a. RESIDENCE-STATE		7b. COUNTY	7c. CITY OR TOWN		
	7d. STREET AND NUMBER			7e. APT. NO.	7f. ZIP CODE	7g. INSIDE CITY LIMITS? <input type="checkbox"/> Yes <input type="checkbox"/> No
	8. EVER IN US ARMED FORCES? <input type="checkbox"/> Yes <input type="checkbox"/> No	9. MARITAL STATUS AT TIME OF DEATH <input type="checkbox"/> Married <input type="checkbox"/> Widowed <input type="checkbox"/> Divorced <input type="checkbox"/> Never Married <input type="checkbox"/> Unknown		10. SURVIVING SPOUSE'S NAME (if wife, give name prior to first marriage)		
	11. FATHER'S NAME (First, Middle, Last)			12. MOTHER'S NAME PRIOR TO FIRST MARRIAGE (First, Middle, Last)		
	13a. INFORMANT'S NAME		13b. RELATIONSHIP TO DECEDENT	13c. MAILING ADDRESS (Street and Number, City, State, Zip Code)		
	14. PLACE OF DEATH (Check only one; see instructions)					
	IF DEATH OCCURRED IN A HOSPITAL: <input type="checkbox"/> Inpatient <input type="checkbox"/> Emergency Room/Outpatient <input type="checkbox"/> Dead on Arrival			IF DEATH OCCURRED SOMEWHERE OTHER THAN A HOSPITAL: <input type="checkbox"/> Hospice facility <input type="checkbox"/> Nursing home/Long term care facility <input type="checkbox"/> Decedent's home <input type="checkbox"/> Other (Specify):		
	15. FACILITY NAME (If not institution, give street & number)			16. CITY OR TOWN, STATE, AND ZIP CODE		17. COUNTY OF DEATH
	18. METHOD OF DISPOSITION: <input type="checkbox"/> Burial <input type="checkbox"/> Cremation <input type="checkbox"/> Donation <input type="checkbox"/> Entombment <input type="checkbox"/> Removal from State <input type="checkbox"/> Other (Specify):		19. PLACE OF DISPOSITION (Name of cemetery, crematory, other place)			
	20. LOCATION-CITY, TOWN, AND STATE		21. NAME AND COMPLETE ADDRESS OF FUNERAL FACILITY			
	22. SIGNATURE OF FUNERAL SERVICE LICENSEE OR OTHER AGENT				23. LICENSE NUMBER (Of Licensee)	
	ITEMS 24-28 MUST BE COMPLETED BY PERSON WHO PRONOUNCES OR CERTIFIES DEATH			24. DATE PRONOUNCED DEAD (Mo/Day/Yr)		25. TIME PRONOUNCED DEAD
26. SIGNATURE OF PERSON PRONOUNCING DEATH (Only when applicable)			27. LICENSE NUMBER		28. DATE SIGNED (Mo/Day/Yr)	
29. ACTUAL OR PRESUMED DATE OF DEATH (Mo/Day/Yr) (Spell Month)		30. ACTUAL OR PRESUMED TIME OF DEATH		31. WAS MEDICAL EXAMINER CONTACTED?		
CAUSE OF DEATH (See instructions and examples)					Approximate interval: Onset to death	
32. PART I. Enter the <u>chain of events</u> --diseases, injuries, or complications--that directly caused the death. DO NOT enter terminal events such as cardiac arrest, respiratory arrest, or ventricular fibrillation without showing the etiology. DO NOT ABBREVIATE. Enter only one cause on a line. Add additional lines if necessary.						
IMMEDIATE CAUSE (Final disease or condition ----->)						
a. _____ Due to (or as a consequence of): _____						
Sequentially list conditions,						
b. _____ Due to (or as a consequence of): _____						
if any, leading to the cause listed on line a. Enter the UNDERLYING CAUSE						
c. _____ Due to (or as a consequence of): _____						
(disease or injury that initiated the events resulting in death) LAST						
d. _____						
PART II. Enter other <u>significant conditions contributing to death</u> but not resulting in the underlying cause given in PART I						
33. WAS AN AUTOPSY PERFORMED? <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Unknown						
34. WERE AUTOPSY FINDINGS AVAILABLE TO COMPLETE THE CAUSE OF DEATH? <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Unknown						

APPENDIX G (cont.)

STATE OF DELAWARE CERTIFICATE OF DEATH

	35. DID TOBACCO USE CONTRIBUTE TO DEATH? <input type="checkbox"/> Yes <input type="checkbox"/> Probably <input type="checkbox"/> No <input type="checkbox"/> Unknown	36. IF FEMALE: <input type="checkbox"/> Not pregnant within past year <input type="checkbox"/> Pregnant at time of death <input type="checkbox"/> Not pregnant, but pregnant within 42 days of death <input type="checkbox"/> Not pregnant, but pregnant 43 days to 1 year before death <input type="checkbox"/> Unknown if pregnant within the past year	37. MANNER OF DEATH <input type="checkbox"/> Natural <input type="checkbox"/> Homicide <input type="checkbox"/> Accident Investigation <input type="checkbox"/> Pending Investigation <input type="checkbox"/> Suicide <input type="checkbox"/> Could not be determined	
	38. DATE OF INJURY (Mo/Day/Yr) (Spell Month)	39. TIME OF INJURY	40. PLACE OF INJURY (e.g., Decedent's home; construction site; restaurant; wooded area)	41. INJURY AT WORK? <input type="checkbox"/> Yes <input type="checkbox"/> No
	42. LOCATION OF INJURY: State:		City or Town:	
	Street & Number:		Apartment No.:	Zip Code:
	43. DESCRIBE HOW INJURY OCCURRED:			44. IF TRANSPORTATION INJURY, SPECIFY: <input type="checkbox"/> Driver/Operator <input type="checkbox"/> Passenger <input type="checkbox"/> Pedestrian <input type="checkbox"/> Other (Specify)
	45. CERTIFIER (Check only one): <input type="checkbox"/> Certifying physician-To the best of my knowledge, death occurred due to the cause(s) and manner stated. <input type="checkbox"/> Pronouncing & Certifying physician-To the best of my knowledge, death occurred at the time, date, and place, and due to the cause(s) and manner stated. <input type="checkbox"/> Medical Examiner-On the basis of examination, and/or investigation, in my opinion, death occurred at the time, date, and place, and due to the cause(s) and manner stated. Signature of certifier: _____			
	46. NAME, ADDRESS, AND ZIP CODE OF PERSON COMPLETING CAUSE OF DEATH (Item 32)			
	47. TITLE OF CERTIFIER	48. LICENSE NUMBER	49. DATE CERTIFIED (Mo/Day/Yr)	50. FOR REGISTRAR ONLY -DATE FILED (Mo/Day/Yr)
Amendmen t Code: Amendmen t Number: Date: User ID: DE Birth SFN:	51. DECEDENT'S EDUCATION-Check the box that best describes the highest degree or level of school completed at the time of death. <input type="checkbox"/> 8th grade or less <input type="checkbox"/> 9th - 12th grade; no diploma <input type="checkbox"/> High school graduate or GED completed <input type="checkbox"/> Professional Trade School <input type="checkbox"/> Some college credit, but no degree <input type="checkbox"/> Associate degree (e.g., AA, AS) <input type="checkbox"/> Bachelor's degree (e.g., BA, AB, BS) <input type="checkbox"/> Master's degree (e.g., MA, MS, MEng, MEd, MSW, MBA) <input type="checkbox"/> Doctorate (e.g., PhD, EdD) or Professional degree (e.g., MD, DDS, DVM, LLB, JD) <input type="checkbox"/> Unknown			
	52. DECEDENT OF HISPANIC ORIGIN? Check the box that best describes whether the decedent is Spanish/Hispanic/Latino. Check the "No" box if decedent is not Spanish/Hispanic/Latino. <input type="checkbox"/> No, not Spanish/Hispanic/Latino <input type="checkbox"/> Yes, Mexican, Mexican American, Chicano <input type="checkbox"/> Yes, Puerto Rican <input type="checkbox"/> Yes, Cuban <input type="checkbox"/> Yes, other Spanish/Hispanic/Latino (Specify) <input type="checkbox"/> Unknown		53. DECEDENT'S RACE (Check one or more races to indicate what the decedent considered himself or herself to be) <input type="checkbox"/> White <input type="checkbox"/> Black or African American <input type="checkbox"/> American Indian or Alaska Native (Name of the enrolled or principal tribe) _____ <input type="checkbox"/> Asian Indian <input type="checkbox"/> Chinese <input type="checkbox"/> Filipino <input type="checkbox"/> Japanese <input type="checkbox"/> Korean <input type="checkbox"/> Vietnamese <input type="checkbox"/> Other Asian (Specify) <input type="checkbox"/> Native Hawaiian Guamanian or Chamorro <input type="checkbox"/> Samoan <input type="checkbox"/> Other Pacific Islander (Specify) <input type="checkbox"/> Other (Specify) : _____ <input type="checkbox"/> Unknown	
	54. DECEDENT'S USUAL OCCUPATION (Indicate type of work done during most of working life. DO NOT USE RETIRED.)			
	55. KIND OF BUSINESS/INDUSTRY			

APPENDIX H

STATE OF DELAWARE CERTIFICATE OF FETAL DEATH

STATE OF DELAWARE DEPARTMENT OF HEALTH AND SOCIAL SERVICES REPORT OF FETAL DEATH				(107) STATE FILE #	
FETUS	1. NAME OF FETUS (optional-at the discretion of the parents)		2. TIME OF DELIVERY (24hr)	3. SEX (M/F/Unk)	
	5a. CITY, TOWN, OR LOCATION OF DELIVERY		7. PLACE WHERE DELIVERY OCCURRED (Check one)		
	5b. ZIP CODE OF DELIVERY		8. FACILITY NAME (if not institution, give street and number)		
	6. COUNTY OF DELIVERY		9. FACILITY ID: (NPI)		
10a. MOTHER'S CURRENT LEGAL NAME (First, Middle, Last, Suffix)			10b. DATE OF BIRTH (Mo/Day/Yr)		
10c. MOTHER'S NAME PRIOR TO FIRST MARRIAGE (First, Middle, Last, Suffix)			10d. BIRTHPLACE (State, Territory, or Foreign Country)		
11a. RESIDENCE OF MOTHER-STATE		11b. COUNTY		11c. CITY, TOWN, OR LOCATION	
11d. STREET AND NUMBER		11e. APT. NO.	11f. ZIP CODE	11g. INSIDE CITY LIMITS? <input type="checkbox"/> Yes <input type="checkbox"/> No	
12a. FATHER'S CURRENT LEGAL NAME (First, Middle, Last, Suffix)		12b. DATE OF BIRTH (Mo/Day/Yr)	12c. BIRTHPLACE (State, Territory, or Foreign Country)		
13. CAUSE/CONDITIONS CONTRIBUTING TO FETAL DEATH					
CAUSE OF FETAL DEATH	13a. INITIATING CAUSE/CONDITION (AMONG THE CHOICES BELOW, PLEASE SELECT THE ONE WHICH MOST LIKELY BEGAN THE SEQUENCE OF EVENTS RESULTING IN THE DEATH OF THE FETUS) Maternal Conditions/Diseases (Specify) _____ Complications of Placenta, Cord, or Membranes <input type="checkbox"/> Rupture of membranes prior to onset of labor <input type="checkbox"/> Abruptio placenta <input type="checkbox"/> Placental insufficiency <input type="checkbox"/> Prolapsed cord <input type="checkbox"/> Chorioamnionitis <input type="checkbox"/> Other (Specify) _____ Other Obstetrical or Pregnancy Complications (Specify) _____ Fetal Anomaly (Specify) _____ Fetal Injury (Specify) _____ Fetal Infection (Specify) _____ Other Fetal Conditions/Disorders (Specify) _____ <input type="checkbox"/> Unknown		13b. OTHER SIGNIFICANT CAUSES OR CONDITIONS (SELECT OR SPECIFY ALL OTHER CONDITIONS CONTRIBUTING TO DEATH IN ITEM 13b) Maternal Conditions/Diseases (Specify) _____ Complications of Placenta, Cord, or Membranes <input type="checkbox"/> Rupture of membranes prior to onset of labor <input type="checkbox"/> Abruptio placenta <input type="checkbox"/> Placental insufficiency <input type="checkbox"/> Prolapsed cord <input type="checkbox"/> Chorioamnionitis <input type="checkbox"/> Other (Specify) _____ Other Obstetrical or Pregnancy Complications (Specify) _____ Fetal Anomaly (Specify) _____ Fetal Injury (Specify) _____ Fetal Infection (Specify) _____ Other Fetal Conditions/Disorders (Specify) _____ <input type="checkbox"/> Unknown		
	13c. WEIGHT OF FETUS (grams preferred, specify unit) <input type="checkbox"/> grams <input type="checkbox"/> lb/oz		13e. ESTIMATED TIME OF FETAL DEATH <input type="checkbox"/> Dead at time of first assessment, no labor ongoing <input type="checkbox"/> Dead at time of first assessment, labor ongoing <input type="checkbox"/> Died during labor, after first assessment <input type="checkbox"/> Unknown time of fetal death		13f. WAS AN AUTOPSY PERFORMED? <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Planned
13d. OBSTETRIC ESTIMATE OF GESTATION AT DELIVERY _____ (completed weeks)		13g. WAS A HISTOLOGICAL PLACENTAL EXAMINATION PERFORMED? <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Planned		13h. WERE AUTOPSY OR HISTOLOGICAL PLACENTAL EXAMINATION RESULTS USED IN DETERMINING THE CAUSE OF FETAL DEATH? <input type="checkbox"/> Yes <input type="checkbox"/> No	
14. METHOD OF DISPOSITION <input type="checkbox"/> Burial <input type="checkbox"/> Cremation <input type="checkbox"/> Hospital Disposition <input type="checkbox"/> Donation <input type="checkbox"/> Removal from State <input type="checkbox"/> Other (Specify) _____					
CERTIFIER AND REGISTRATION INFORMATION	15a. ATTENDANT'S NAME		15b. ATTENDANT'S NPI	15c. ATTENDANT'S TITLE <input type="checkbox"/> MD <input type="checkbox"/> DO <input type="checkbox"/> CNM/CM <input type="checkbox"/> OTHER MIDWIFE <input type="checkbox"/> OTHER (Specify) _____	
	16a. I CERTIFY THAT THIS DELIVERY OCCURRED ON THE DATE SHOWN AND THAT THE FETUS WAS BORN DEAD SIGNATURE _____			16b. DATE SIGNED _____	
	16c. MAILING ADDRESS _____				
MOTHER'S MEDICAL RECORD NO	17a. NAME OF CEMETARY OR CREMATORY		17b. LOCATION (CITY, TOWN, COUNTY) (STATE)		
_____	18a. DATE RECEIVED BY REGISTRAR	18b. REGISTRAR'S SIGNATURE	19. FUNERAL DIRECTOR'S SIGNATURE	ADDRESS	
_____	_____	_____	_____	_____	

APPENDIX H (cont.)

STATE OF DELAWARE CERTIFICATE OF FETAL DEATH

MOTHER	<p>20. MOTHER'S EDUCATION (Check the box that best describes the highest degree or level of school completed at the time of delivery)</p> <p><input type="checkbox"/> 8th grade or less</p> <p><input type="checkbox"/> 9th - 12th grade, no diploma</p> <p><input type="checkbox"/> High school graduate or GED completed</p> <p><input type="checkbox"/> Some college credit but no degree</p> <p><input type="checkbox"/> Associate degree (e.g., AA, AS)</p> <p><input type="checkbox"/> Bachelor's degree (e.g., BA, AB, BS)</p> <p><input type="checkbox"/> Master's degree (e.g., MA, MS, MEng, MEd, MSW, MBA)</p> <p><input type="checkbox"/> Doctorate (e.g., PhD, EdD) or Professional degree (e.g., MD, DDS, DVM, LL.B., JD)</p>	<p>21. MOTHER OF HISPANIC ORIGIN? (Check the box that best describes whether the mother is Spanish/Hispanic/Latina. Check the "No" box if mother is not Spanish/Hispanic/Latina)</p> <p><input type="checkbox"/> No, not Spanish/Hispanic/Latina</p> <p><input type="checkbox"/> Yes, Mexican, Mexican American, Chicana</p> <p><input type="checkbox"/> Yes, Puerto Rican</p> <p><input type="checkbox"/> Yes, Cuban</p> <p><input type="checkbox"/> Yes, other Spanish/Hispanic/Latina (Specify) _____</p>	<p>22. MOTHER'S RACE (Check one or more races to indicate what the mother considers herself to be)</p> <p><input type="checkbox"/> White</p> <p><input type="checkbox"/> Black or African American</p> <p><input type="checkbox"/> American Indian or Alaska Native (Name of the enrolled or principal tribe) _____</p> <p><input type="checkbox"/> Asian Indian</p> <p><input type="checkbox"/> Chinese</p> <p><input type="checkbox"/> Filipino</p> <p><input type="checkbox"/> Japanese</p> <p><input type="checkbox"/> Korean</p> <p><input type="checkbox"/> Vietnamese</p> <p><input type="checkbox"/> Other Asian (Specify) _____</p> <p><input type="checkbox"/> Native Hawaiian</p> <p><input type="checkbox"/> Guamanian or Chamorro</p> <p><input type="checkbox"/> Samoan</p> <p><input type="checkbox"/> Other Pacific Islander (Specify) _____</p> <p><input type="checkbox"/> Other (Specify) _____</p> <p>Predominant Race _____</p>																		
<p>23. MOTHER MARRIED? (At delivery, conception, or anytime between) <input type="checkbox"/> Yes <input type="checkbox"/> No</p>		<p>24a. DATE OF FIRST PRENATAL CARE VISIT _____ <input type="checkbox"/> No Prenatal Care</p> <p style="text-align: center;">MM / DD / YYYY</p>	<p>24b. DATE OF LAST PRENATAL CARE VISIT _____</p> <p style="text-align: center;">MM / DD / YYYY</p>	<p>25. TOTAL NUMBER OF PRENATAL VISITS FOR THIS PREGNANCY _____ (If none, enter "0")</p>																	
<p>26. MOTHER'S HEIGHT _____ (feet/inches)</p>	<p>27. MOTHER'S PRE-PREGNANCY WEIGHT _____ (pounds)</p>	<p>28. MOTHER'S WEIGHT AT DELIVERY _____ (pounds)</p>	<p>29. DID MOTHER GET WIC FOOD FOR HERSELF DURING THIS PREGNANCY? <input type="checkbox"/> Yes <input type="checkbox"/> No</p>																		
<p>30. NUMBER OF PREVIOUS LIVE BIRTHS</p> <p>30a. Now Living Number _____</p> <p><input type="checkbox"/> None</p> <p>30b. Now Dead Number _____</p> <p><input type="checkbox"/> None</p>		<p>31. NUMBER OF OTHER PREGNANCY OUTCOMES (spontaneous or induced losses or ectopic pregnancies)</p> <p>31a. Other Outcomes Number (Do not include this fetus) _____</p> <p><input type="checkbox"/> None</p>		<p>32. CIGARETTE SMOKING BEFORE AND DURING PREGNANCY (For each time period, enter either the number of cigarettes or the number of packs of cigarettes smoked. IF NONE, ENTER "0".)</p> <p>Average number of cigarettes or packs of cigarettes smoked per day</p> <table style="width: 100%; border: none;"> <tr> <td style="width: 50%;">Three Months Before Pregnancy</td> <td style="width: 10%; text-align: center;"># of cigarettes</td> <td style="width: 10%; text-align: center;">OR</td> <td style="width: 10%; text-align: center;"># of packs</td> </tr> <tr> <td>First Three Months of Pregnancy</td> <td style="text-align: center;">_____</td> <td style="text-align: center;">OR</td> <td style="text-align: center;">_____</td> </tr> <tr> <td>Second Three Months of Pregnancy</td> <td style="text-align: center;">_____</td> <td style="text-align: center;">OR</td> <td style="text-align: center;">_____</td> </tr> <tr> <td>Third Trimester of Pregnancy</td> <td style="text-align: center;">_____</td> <td style="text-align: center;">OR</td> <td style="text-align: center;">_____</td> </tr> </table>		Three Months Before Pregnancy	# of cigarettes	OR	# of packs	First Three Months of Pregnancy	_____	OR	_____	Second Three Months of Pregnancy	_____	OR	_____	Third Trimester of Pregnancy	_____	OR	_____
Three Months Before Pregnancy	# of cigarettes	OR	# of packs																		
First Three Months of Pregnancy	_____	OR	_____																		
Second Three Months of Pregnancy	_____	OR	_____																		
Third Trimester of Pregnancy	_____	OR	_____																		
<p>30c. DATE OF LAST LIVE BIRTH _____</p> <p style="text-align: center;">MM / DD / YYYY</p>		<p>31b. DATE OF LAST OTHER PREGNANCY OUTCOME _____</p> <p style="text-align: center;">MM / DD / YYYY</p>		<p>33. DATE LAST NORMAL MENSES BEGAN _____</p> <p style="text-align: center;">MM / DD / YYYY</p>	<p>34. PLURALITY - Single, Twin, Triplet, etc. (Specify) _____</p>	<p>35. IF NOT SINGLE BIRTH - Born First, Second, Third, etc. (Specify) _____</p>															
<p>36. MOTHER TRANSFERRED FOR MATERNAL MEDICAL OR FETAL INDICATIONS FOR DELIVERY? <input type="checkbox"/> Yes <input type="checkbox"/> No</p> <p>IF YES, ENTER NAME OF FACILITY MOTHER TRANSFERRED FROM _____</p>																					
MEDICAL AND HEALTH INFORMATION			MEDICAL AND HEALTH INFORMATION																		
<p>37. RISK FACTORS IN THIS PREGNANCY (Check all that apply)</p> <p>Diabetes</p> <p><input type="checkbox"/> Pre-pregnancy (Diagnosis prior to this pregnancy)</p> <p><input type="checkbox"/> Gestational (Diagnosis in this pregnancy)</p> <p>Hypertension</p> <p><input type="checkbox"/> Pre-pregnancy (Chronic)</p> <p><input type="checkbox"/> Gestational (PIH, preeclampsia)</p> <p><input type="checkbox"/> Eclampsia</p> <p><input type="checkbox"/> Previous preterm birth</p> <p><input type="checkbox"/> Other previous poor pregnancy outcome (Includes perinatal death, small-for-gestational age/intrauterine growth restricted birth)</p> <p><input type="checkbox"/> Pregnancy resulted from infertility treatment-If yes, check all that apply:</p> <p><input type="checkbox"/> Fertility-enhancing drugs, Artificial insemination or Intrauterine insemination</p> <p><input type="checkbox"/> Assisted reproductive technology (e.g., In vitro fertilization (IVF), gamete Intrafallopian transfer (GIFT))</p> <p><input type="checkbox"/> Mother had a previous cesarean delivery</p> <p>If yes, how many _____</p> <p><input type="checkbox"/> None of the above</p>			<p>38. INFECTIONS PRESENT AND/OR TREATED DURING THIS PREGNANCY (Check all that apply)</p> <p><input type="checkbox"/> Gonorrhea</p> <p><input type="checkbox"/> Syphilis</p> <p><input type="checkbox"/> Chlamydia</p> <p><input type="checkbox"/> Listeria</p> <p><input type="checkbox"/> Group B Streptococcus</p> <p><input type="checkbox"/> Cytomegalovirus</p> <p><input type="checkbox"/> Parvovirus</p> <p><input type="checkbox"/> Toxoplasmosis</p> <p><input type="checkbox"/> None of the above</p> <p><input type="checkbox"/> Other (Specify) _____</p>																		
<p>39. METHOD OF DELIVERY</p> <p>A. Was delivery with forceps attempted but unsuccessful? <input type="checkbox"/> Yes <input type="checkbox"/> No</p> <p>B. Was delivery with vacuum extraction attempted but unsuccessful? <input type="checkbox"/> Yes <input type="checkbox"/> No</p> <p>C. Fetal presentation at delivery</p> <p><input type="checkbox"/> Cephalic</p> <p><input type="checkbox"/> Breach</p> <p><input type="checkbox"/> Other _____</p> <p>D. Final route and method of delivery (Check one)</p> <p><input type="checkbox"/> Vaginal/Spontaneous</p> <p><input type="checkbox"/> Vaginal/Forceps</p> <p><input type="checkbox"/> Vaginal/Vacuum</p> <p><input type="checkbox"/> Cesarean</p> <p>If cesarean, was a trial of labor attempted? <input type="checkbox"/> Yes <input type="checkbox"/> No</p> <p>E. Hysterotomy/Hysterectomy <input type="checkbox"/> Yes <input type="checkbox"/> No</p>		<p>40. MATERNAL MORBIDITY (Check all that apply) (Complications associated with labor and delivery)</p> <p><input type="checkbox"/> Maternal transfusion</p> <p><input type="checkbox"/> Third or fourth degree perineal laceration</p> <p><input type="checkbox"/> Ruptured uterus</p> <p><input type="checkbox"/> Unplanned hysterectomy</p> <p><input type="checkbox"/> Admission to intensive care unit</p> <p><input type="checkbox"/> Unplanned operating room procedure following delivery</p> <p><input type="checkbox"/> None of the above</p>		<p>41. CONGENITAL ANOMALIES OF THE FETUS (Check all that apply)</p> <p><input type="checkbox"/> Anencephaly</p> <p><input type="checkbox"/> Meningocele/Spina bifida</p> <p><input type="checkbox"/> Cyanotic congenital heart disease</p> <p><input type="checkbox"/> Congenital diaphragmatic hernia</p> <p><input type="checkbox"/> Omphalocele</p> <p><input type="checkbox"/> Gastroschisis</p> <p><input type="checkbox"/> Limb reduction defect (excluding congenital amputation and dwarfing syndromes)</p> <p><input type="checkbox"/> Cleft Lip with or without Cleft Palate</p> <p><input type="checkbox"/> Cleft Palate alone</p> <p><input type="checkbox"/> Down Syndrome</p> <p><input type="checkbox"/> Karyotype confirmed</p> <p><input type="checkbox"/> Karyotype pending</p> <p><input type="checkbox"/> Suspected chromosomal disorder</p> <p><input type="checkbox"/> Karyotype confirmed</p> <p><input type="checkbox"/> Karyotype pending</p> <p><input type="checkbox"/> Hypospadias</p> <p><input type="checkbox"/> None of the anomalies listed above</p>																	

APPENDIX H (cont.)

STATE OF DELAWARE CERTIFICATE OF FETAL DEATH

OFFICE OF VITAL STATISTICS		STATE OF DELAWARE DEPARTMENT OF HEALTH AND SOCIAL SERVICES REPORT OF FETAL DEATH		(107) STATE FILE #	
FETUS	1. NAME OF FETUS (optional-at the discretion of the parents)		2. TIME OF DELIVERY _____ (24hr)	3. SEX (M/F/Unk)	
	4. DATE OF DELIVERY (Mo/Day/Yr)				
	5a. CITY, TOWN, OR LOCATION OF DELIVERY	7. PLACE WHERE DELIVERY OCCURRED (Check one) <input type="checkbox"/> Hospital <input type="checkbox"/> Freestanding birthing center.		8. FACILITY NAME (if not institution, give street and number)	
	5b. ZIP CODE OF DELIVERY	<input type="checkbox"/> Home Delivery: Planned to deliver at home? <input type="checkbox"/> Yes <input type="checkbox"/> No		9. FACILITY ID (NPI)	
6. COUNTY OF DELIVERY		9. FACILITY ID (NPI)			
MOTHER	10a. MOTHER'S CURRENT LEGAL NAME (First, Middle, Last, Suffix)			10b. DATE OF BIRTH (Mo/Day/Yr)	
	10c. MOTHER'S NAME PRIOR TO FIRST MARRIAGE (First, Middle, Last, Suffix)			10d. BIRTHPLACE (State, Territory, or Foreign Country)	
	11a. RESIDENCE OF MOTHER-STATE	11b. COUNTY	11c. CITY, TOWN, OR LOCATION		
	11d. STREET AND NUMBER	11e. APT. NO.	11f. ZIP CODE	11g. INSIDE CITY LIMITS? <input type="checkbox"/> Yes <input type="checkbox"/> No	
	12a. FATHER'S CURRENT LEGAL NAME (First, Middle, Last, Suffix)		12b. DATE OF BIRTH (Mo/Day/Yr)	12c. BIRTHPLACE (State, Territory, or Foreign Country)	
13. CAUSE/CONDITIONS CONTRIBUTING TO FETAL DEATH					
CAUSE OF FETAL DEATH	13a. INITIATING CAUSE/CONDITION (AMONG THE CHOICES BELOW, PLEASE SELECT THE ONE WHICH MOST LIKELY BEGAN THE SEQUENCE OF EVENTS RESULTING IN THE DEATH OF THE FETUS)		13b. OTHER SIGNIFICANT CAUSES OR CONDITIONS (SELECT OR SPECIFY ALL OTHER CONDITIONS CONTRIBUTING TO DEATH IN ITEM 13b)		
	Maternal Conditions/Diseases (Specify) _____		Maternal Conditions/Diseases (Specify) _____		
	Complications of Placenta, Cord, or Membranes <input type="checkbox"/> Rupture of membranes prior to onset of labor <input type="checkbox"/> Abruptio placenta <input type="checkbox"/> Placental insufficiency <input type="checkbox"/> Prolapsed cord <input type="checkbox"/> Chorioamnionitis <input type="checkbox"/> Other (Specify) _____		Complications of Placenta, Cord, or Membranes <input type="checkbox"/> Rupture of membranes prior to onset of labor <input type="checkbox"/> Abruptio placenta <input type="checkbox"/> Placental insufficiency <input type="checkbox"/> Prolapsed cord <input type="checkbox"/> Chorioamnionitis <input type="checkbox"/> Other (Specify) _____		
	Other Obstetrical or Pregnancy Complications (Specify) _____		Other Obstetrical or Pregnancy Complications (Specify) _____		
	Fetal Anomaly (Specify) _____		Fetal Anomaly (Specify) _____		
	Fetal Injury (Specify) _____		Fetal Injury (Specify) _____		
	Fetal Infection (Specify) _____		Fetal Infection (Specify) _____		
	Other Fetal Conditions/Disorders (Specify) _____		Other Fetal Conditions/Disorders (Specify) _____		
	<input type="checkbox"/> Unknown		<input type="checkbox"/> Unknown		
	13c. WEIGHT OF FETUS (grams preferred, specify unit) <input type="checkbox"/> grams <input type="checkbox"/> lb/oz		13e. ESTIMATED TIME OF FETAL DEATH <input type="checkbox"/> Dead at time of first assessment, no labor ongoing <input type="checkbox"/> Dead at time of first assessment, labor ongoing <input type="checkbox"/> Died during labor, after first assessment <input type="checkbox"/> Unknown time of fetal death		13f. WAS AN AUTOPSY PERFORMED? <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Planned
13d. OBSTETRIC ESTIMATE OF GESTATION AT DELIVERY _____ (completed weeks)				13g. WAS A HISTOLOGICAL PLACENTAL EXAMINATION PERFORMED? <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Planned	
				13h. WERE AUTOPSY OR HISTOLOGICAL PLACENTAL EXAMINATION RESULTS USED IN DETERMINING THE CAUSE OF FETAL DEATH? <input type="checkbox"/> Yes <input type="checkbox"/> No	
DISPOSITION	14. METHOD OF DISPOSITION <input type="checkbox"/> Burial <input type="checkbox"/> Cremation <input type="checkbox"/> Hospital Disposition <input type="checkbox"/> Donation <input type="checkbox"/> Removal from State <input type="checkbox"/> Other (Specify) _____				
	15a. ATTENDANT'S NAME		15b. ATTENDANT'S NPI	15c. ATTENDANT'S TITLE <input type="checkbox"/> MD <input type="checkbox"/> DO <input type="checkbox"/> CNM/CM <input type="checkbox"/> OTHER MIDWIFE <input type="checkbox"/> OTHER (Specify) _____	
	16a. I CERTIFY THAT THIS DELIVERY OCCURRED ON THE DATE SHOWN AND THAT THE FETUS WAS BORN DEAD		16b. DATE SIGNED		
16c. MAILING ADDRESS					
MOTHER'S MEDICAL RECORD NO		17a. NAME OF CEMETARY OR CREMATORY		17b. LOCATION (CITY, TOWN, COUNTY) (STATE)	
18a. DATE RECEIVED BY REGISTRAR	18b. REGISTRAR'S SIGNATURE	19. FUNERAL DIRECTOR'S SIGNATURE		ADDRESS	

APPENDIX H (cont.)

STATE OF DELAWARE CERTIFICATE OF FETAL DEATH

AUTHORITY FOR BURIAL, TRANSPORTATION AND REMOVAL	
This Burial-Transit Permit when completely filled in and bearing items 16a and 19, the signatures of the attending physician and the Funeral Director, becomes authority for Burial, Transportation and Removal of the above named Decedent.	
<i>This permit is not authority for cremation; separate authorization must be obtained.</i>	
CEMETARY OR CREMATORY SHALL FILL OUT SECTION BELOW	
The Decedent named above was buried <input type="checkbox"/> cremated <input type="checkbox"/> in the cemetery or crematory in item 17a.	
BURIAL WAS IN Section _____ Lot _____ Grave _____. The appropriate entry in the <input type="checkbox"/> Cemetery <input type="checkbox"/> Crematory registry has been made.	
Signature _____	_____
<small>Sexton or other person in charge</small>	<small>Date Signed</small>
<i>This Burial-Transit Permit must be signed above by the Cemetery or Crematory Authority. If no full time person is in charge of the cemetery, the Funeral Director may sign as Sexton. This Burial-Transit Permit is to be retained by the Manager, Superintendent, Caretaker, Sexton or other person in charge of Burial, Entombment or Cremation, or if none, then the Funeral Director.</i>	

REV. 04/2005

Sample

APPENDIX I

STATE OF DELAWARE CERTIFICATE OF MARRIAGE

1

CERTIFICATE OF MARRIAGE

State of Delaware

DIVISION OF PUBLIC HEALTH

STATE FILE NUMBER

OFFICE OF VITAL STATISTICS

LOCAL REGISTRAR'S NO. LICENSE NO. **58801** NO. LICENSE APPLICATION PLACE LICENSE ISSUED

GROOM				BRIDE													
NAME FIRST		MIDDLE		LAST		FIRST		MIDDLE		LAST							
RESIDENCE STREET OR NUMBER, CITY						RESIDENCE STREET OR NUMBER, CITY											
STATE			ZIP			COUNTY			STATE			ZIP			COUNTY		
DATE OF BIRTH				AGE				DATE OF BIRTH				AGE					
BIRTHPLACE (STATE OR FOREIGN COUNTRY)						BIRTHPLACE (STATE OR FOREIGN COUNTRY)											
WE HEREBY CERTIFY THAT THE INFORMATION PROVIDED IS CORRECT TO THE BEST OF OUR KNOWLEDGE AND BELIEF AND THAT WE ARE FREE TO MARRY UNDER THE LAWS OF THIS STATE																	
SIGNATURE OF GROOM X						SIGNATURE OF BRIDE X											
NAME FIRST		MIDDLE		LAST		NAME FIRST		MIDDLE		LAST							
BIRTHPLACE (STATE OR FOREIGN COUNTRY)						BIRTHPLACE (STATE OR FOREIGN COUNTRY)											
MAIDEN NAME FIRST		MIDDLE		LAST		MAIDEN NAME FIRST		MIDDLE		LAST							
BIRTHPLACE (STATE OR FOREIGN COUNTRY)						BIRTHPLACE (STATE OR FOREIGN COUNTRY)											

DRAFT

I hereby certify that on the _____ day of _____, 19____, _____ M. _____ HOUR
 the aforementioned persons were by me united in marriage at _____
 (CITY, TOWN, OR LOCATION)
 County of _____, in accordance with the Laws of the State of Delaware.

Signature of Clergy or Other Official ▶ _____ TITLE _____

RESIDENCE-STATE _____ COUNTY _____

Witnesses (two are required.)

1. NAME _____ RESIDENCE _____

2. NAME _____ RESIDENCE _____

3. NAME _____ RESIDENCE _____

REGISTRAR'S SIGNATURE _____ DATE RECEIVED BY LOCAL REGISTRAR _____

VALID ONLY IN THE STATE OF DELAWARE

STATE FILE COPY

	Number of this Marriage - 1st, 2nd, etc. (Specify below)	If Previously Married			Race/American Indian, Black, White, etc. (Specify below)	Education (Specify highest grade completed)	
		Date of First Marriage (Mth./Day/Year)	Last Marriage Ended by Death, Divorce or Annul. (Specify below)	Last Marriage Ended on: Mth./Day/Year		Elementary/Secondary (0-12)	College (1-4 or 5+)
GROOM							
BRIDE							

APPENDIX K

STATE OF DELAWARE REPORT OF INDUCED TERMINATION OF PREGNANCY



DELAWARE HEALTH
AND SOCIAL SERVICES

REPORT OF INDUCED TERMINATION OF PREGNANCY

1. FACILITY NAME (if not clinic or hospital, give address)		2. CITY, TOWN, OR LOCATION OF PREGNANCY TERMINATION		3. COUNTY OF PREGNANCY TERMINATION	
4. FORM NUMBER		5. AGE LAST BIRTHDAY	6. MARRIED? <input type="checkbox"/> Yes <input type="checkbox"/> No	7. DATE OF PREGNANCY TERMINATION (Month, Day, Year)	
8a. RESIDENCE - STATE	8b. COUNTY	8c. CITY, TOWN, OR LOCATION		8d. ZIP CODE	
9. OF HISPANIC ORIGIN? (Specify No or Yes - If yes, specify Cuban, Mexican, Puerto Rican, etc.) <input type="checkbox"/> No <input type="checkbox"/> Yes Specify: _____		10. RACE <input type="checkbox"/> White <input type="checkbox"/> Black <input type="checkbox"/> Other (Specify) _____		11. EDUCATION (Specify only highest grade completed) Elementary/Secondary (0-12) College (1-4 or 5+)	
12. DATE LAST NORMAL MENSES BEGAN (Month, Day, Year)	13. CLINICAL ESTIMATE OF GESTATION (Weeks)	14. PREVIOUS PREGNANCIES (Complete each section)			
		LIVE BIRTHS		OTHER TERMINATIONS	
		14a. Now Living Number _____ <input type="checkbox"/> None	14b. Not Living Number _____ <input type="checkbox"/> None	14c. Spontaneous Number _____ <input type="checkbox"/> None	14d. Induced (Do not include this termination) Number _____ <input type="checkbox"/> None
15. TYPE OF TERMINATION PROCEDURE (Check only one)					
<input type="checkbox"/> Suction Curettage <input type="checkbox"/> Medical (Nonsurgical), Specify Medication(s) _____ <input type="checkbox"/> Dilatation and Evacuation (D&E) <input type="checkbox"/> Intra-Uterine Instillation (Saline or Prostaglandin) <input type="checkbox"/> Sharp Curettage (D&C) <input type="checkbox"/> Hysterotomy/Hysterectomy <input type="checkbox"/> Other (Specify) _____					

(Instructions on back)

Mail completed forms to:
Delaware Health Statistics Center
417 Federal Street
Dover, DE 19903
(302) 744-4541

Doc No. 35-01-20-96-12-01

APPENDIX L

List of 113 selected causes of death and Enterocolitis due to *Clostridium difficile*

[An asterisk (*) preceding a cause-of-death code indicates that the code is not included in the *International Classification of Diseases, Tenth Revision (ICD-10)*; see Technical Notes]

Number ¹	Cause of death (based on ICD-10)
1#	Salmonella infections (A01–A02)
2#	Shigellosis and amebiasis (A03,A06)
3	Certain other intestinal infections (A04,A07–A09)
#	Tuberculosis (A16–A19)
4	Respiratory tuberculosis (A16)
5	Other tuberculosis (A17–A19)
6#	Whooping cough (A37)
7#	Scarlet fever and erysipelas (A38,A46)
8#	Meningococcal infection (A39)
9#	Septicemia (A40–A41)
10#	Syphilis (A50–A53)
11#	Acute poliomyelitis (A80)
12#	Arthropod-borne viral encephalitis (A83–A84,A85.2)
13#	Measles (B05)
14#	Viral hepatitis (B15–B19)
15#	Human immunodeficiency virus (HIV) disease (B20–B24)
16#	Malaria (B50–B54)
17	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)
#	Malignant neoplasms (C00–C97)
18	Malignant neoplasms of lip, oral cavity and pharynx (C00–C14)
19	Malignant neoplasm of esophagus (C15)
20	Malignant neoplasm of stomach (C16)
21	Malignant neoplasms of colon, rectum and anus (C18–C21)
22	Malignant neoplasms of liver and intrahepatic bile ducts (C22)
23	Malignant neoplasm of pancreas (C25)
24	Malignant neoplasm of larynx (C32)
25	Malignant neoplasms of trachea, bronchus and lung (C33–C34)
26	Malignant melanoma of skin (C43)
27	Malignant neoplasm of breast (C50)
28	Malignant neoplasm of cervix uteri (C53)
29	Malignant neoplasms of corpus uteri and uterus, part unspecified (C54–C55)
30	Malignant neoplasm of ovary (C56)
31	Malignant neoplasm of prostate (C61)
32	Malignant neoplasms of kidney and renal pelvis (C64–C65)
33	Malignant neoplasm of bladder (C67)
34	Malignant neoplasms of meninges, brain and other parts of central nervous system (C70–C72)
	Malignant neoplasms of lymphoid, hematopoietic and related tissue (C81–C96)
35	Hodgkin's disease (C81)
36	Non-Hodgkin's lymphoma (C82–C85)
37	Leukemia (C91–C95)
38	Multiple myeloma and immunoproliferative neoplasms (C88,C90)
39	Other and unspecified malignant neoplasms of lymphoid, hematopoietic and related tissue (C96)
40	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)
41#	In situ neoplasms, benign neoplasms and neoplasms of uncertain or unknown behavior (D00–D48)
42#	Anemias (D50–D64)
43#	Diabetes mellitus (E10–E14)
#	Nutritional deficiencies (E40–E64)
44	Malnutrition (E40–E46)
45	Other nutritional deficiencies (E50–E64)
46#	Meningitis (G00,G03)
47#	Parkinson's disease (G20–G21)
48#	Alzheimer's disease (G30)
#	Major cardiovascular diseases (I00–I78)
	Diseases of heart (I00–I09,I11,I13,I20–I51)
49	Acute rheumatic fever and chronic rheumatic heart diseases (I00–I09)
50	Hypertensive heart disease (I11)
51	Hypertensive heart and renal disease (I13)

APPENDIX L (cont.)

List of 113 selected causes of death and Enterocolitis due to *Clostridium difficile*—Con.

[An asterisk (*) preceding a cause-of-death code indicates that the code is not included in the *International Classification of Diseases, Tenth Revision (ICD-10)*; see Technical Notes]

Number ¹	Cause of death (based on ICD-10)	
	Ischemic heart diseases	(I20–I25)
52	Acute myocardial infarction	(I21–I22)
53	Other acute ischemic heart diseases	(I24)
	Other forms of chronic ischemic heart disease	(I20, I25)
54	Atherosclerotic cardiovascular disease, so described	(I25.0)
55	All other forms of chronic ischemic heart disease	(I20, I25.1–I25.9)
	Other heart diseases	(I26–I51)
56	Acute and subacute endocarditis	(I33)
57	Diseases of pericardium and acute myocarditis	(I30–I31, I40)
58	Heart failure	(I50)
59	All other forms of heart disease	(I26–I28, I34–I38, I42–I49, I51)
60#	Essential hypertension and hypertensive renal disease	(I10, I12, I15)
61#	Cerebrovascular diseases	(I60–I69)
62#	Atherosclerosis	(I70)
	Other diseases of circulatory system	(I71–I78)
63#	Aortic aneurysm and dissection	(I71)
64	Other diseases of arteries, arterioles and capillaries	(I72–I78)
65	Other disorders of circulatory system	(I80–I99)
#	Influenza and pneumonia	(J09–J18)
66	Influenza	(J09–J11)
67	Pneumonia	(J12–J18)
	Other acute lower respiratory infections	(J20–J22, U04)
68#	Acute bronchitis and bronchiolitis	(J20–J21)
69	Other and unspecified acute lower respiratory infection	(J22, U04)
#	Chronic lower respiratory diseases	(J40–J47)
70	Bronchitis, chronic and unspecified	(J40–J42)
71	Emphysema	(J43)
72	Asthma	(J45–J46)
73	Other chronic lower respiratory diseases	(J44, J47)
74#	Pneumoconioses and chemical effects	(J60–J66, J68)
75#	Pneumonitis due to solids and liquids	(J69)
76	Other diseases of respiratory system	(J00–J06, J30–J39, J67, J70–J98)
77#	Peptic ulcer	(K25–K28)
78#	Diseases of appendix	(K35–K38)
79#	Hernia	(K40–K46)
#	Chronic liver disease and cirrhosis	(K70, K73–K74)
80	Alcoholic liver disease	(K70)
81	Other chronic liver disease and cirrhosis	(K73–K74)
82#	Cholelithiasis and other disorders of gallbladder	(K80–K82)
#	Nephritis, nephrotic syndrome and nephrosis	(N00–N07, N17–N19, N25–N27)
83	Acute and rapidly progressive nephritic and nephrotic syndrome	(N00–N01, N04)
84	Chronic glomerulonephritis, nephritis and nephropathy not specified as acute or chronic, and renal sclerosis unspecified	(N02–N03, N05–N07, N26)
85	Renal failure	(N17–N19)
86	Other disorders of kidney	(N25, N27)
87#	Infections of kidney	(N10–N12, N13.6, N15.1)
88#	Hyperplasia of prostate	(N40)
89#	Inflammatory diseases of female pelvic organs	(N70–N76)
#	Pregnancy, childbirth and the puerperium	(O00–O99)
90	Pregnancy with abortive outcome	(O00–O07)
91	Other complications of pregnancy, childbirth and the puerperium	(O10–O99)
92#	Certain conditions originating in the perinatal period	(P00–P96)
93#	Congenital malformations, deformations and chromosomal abnormalities	(Q00–Q99)
94	Symptoms, signs and abnormal clinical and laboratory findings, not elsewhere classified	(R00–R99)
95	All other diseases	(residual)
#	Accidents (unintentional injuries)	(V01–X59, Y85–Y86)
	Transport accidents	(V01–V99, Y85)
96	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)
97	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)
98	Water, air and space, and other and unspecified transport accidents and their sequelae	(V90–V99, Y85)

APPENDIX L (cont.)

Table A. List of 113 selected causes of death and Enterocolitis due to *Clostridium difficile*—Con.

[An asterisk (*) preceding a cause-of-death code indicates that the code is not included in the *International Classification of Diseases, Tenth Revision (ICD-10)*; see Technical Notes]

Number ¹	Cause of death (based on ICD-10)
	Nontransport accidents (W00–X59,Y86)
99	Falls (W00–W19)
100	Accidental discharge of firearms (W32–W34)
101	Accidental drowning and submersion (W65–W74)
102	Accidental exposure to smoke, fire and flames (X00–X09)
103	Accidental poisoning and exposure to noxious substances (X40–X49)
104	Other and unspecified nontransport accidents and their sequelae (W20–W31,W35–W64,W75–W99,X10–X39,X50–X59,Y86)
#	Intentional self-harm (suicide) (*U03,X60–X84,Y87.0)
105	Intentional self-harm (suicide) by discharge of firearms (X72–X74)
106	Intentional self-harm (suicide) by other and unspecified means and their sequelae (*U03,X60–X71,X75–X84,Y87.0)
#	Assault (homicide) (*U01–*U02,X85–Y09,Y87.1)
107	Assault (homicide) by discharge of firearms (*U01.4,X93–X95)
108	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)
109#	Legal intervention (Y35,Y89.0)
	Events of undetermined intent (Y10–Y34,Y87.2,Y89.9)
110	Discharge of firearms, undetermined intent (Y22–Y24)
111	Other and unspecified events of undetermined intent and their sequelae (Y10–Y21,Y25–Y34,Y87.2,Y89.9)
112#	Operations of war and their sequelae (Y36,Y89.1)
113#	Complications of medical and surgical care (Y40–Y84,Y88)
#	Enterocolitis due to <i>Clostridium difficile</i> (A04.7) ²

¹Causes labeled # are ranked to determine leading causes of death for specified population groups. Only mutually exclusive categories are numbered. ²Included in "Certain other intestinal infections (A04,A07–A09)" shown above.

Source: Heron M. *Deaths: Leading causes for 2014. National vital statistics reports;vol 65 no 5.*
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